

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081453.D
 Acq On : 18 Mar 2024 16:27
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:43:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	452316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	752575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	699771	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	322718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	295987	51.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.171	113	252719	53.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.420%			
50) Toluene-d8	10.571	98	920258	53.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.200%			
62) 4-Bromofluorobenzene	12.853	95	331004	54.714	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	291850	47.919	ug/l	98
3) Chloromethane	2.359	50	283803	46.802	ug/l	95
4) Vinyl Chloride	2.518	62	321462	47.237	ug/l	96
5) Bromomethane	2.947	94	227558	47.282	ug/l	96
6) Chloroethane	3.118	64	220946	47.286	ug/l	100
7) Trichlorofluoromethane	3.500	101	492523	48.561	ug/l	93
8) Diethyl Ether	3.959	74	169312	50.442	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	275736	47.847	ug/l	# 87
10) Methyl Iodide	4.589	142	306964	53.488	ug/l	99
11) Tert butyl alcohol	5.518	59	256535	255.203	ug/l	99
12) 1,1-Dichloroethene	4.336	96	260375	48.777	ug/l	84
13) Acrolein	4.177	56	247369	274.243	ug/l	100
14) Allyl chloride	5.024	41	331166	49.509	ug/l	# 85
15) Acrylonitrile	5.718	53	655436	243.728	ug/l	96
16) Acetone	4.424	43	434517	233.091	ug/l	99
17) Carbon Disulfide	4.718	76	718867	46.928	ug/l	98
18) Methyl Acetate	5.018	43	288661	50.227	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	855792	51.226	ug/l	97
20) Methylene Chloride	5.277	84	285109	46.690	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	281376	47.275	ug/l	93
22) Diisopropyl ether	6.671	45	804912	51.790	ug/l	# 93
23) Vinyl Acetate	6.600	43	3271747	264.469	ug/l	# 91
24) 1,1-Dichloroethane	6.565	63	501709	48.197	ug/l	95
25) 2-Butanone	7.482	43	805215	251.834	ug/l	# 88
26) 2,2-Dichloropropane	7.494	77	466156	51.631	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	329351	48.907	ug/l	86
28) Bromochloromethane	7.812	49	208427	49.158	ug/l	# 53
29) Tetrahydrofuran	7.835	42	550344	255.500	ug/l	# 78
30) Chloroform	7.965	83	546631	49.052	ug/l	99
31) Cyclohexane	8.259	56	437988	46.662	ug/l	# 71
32) 1,1,1-Trichloroethane	8.171	97	493618	48.823	ug/l	91
36) 1,1-Dichloropropene	8.371	75	406602	50.871	ug/l	94
37) Ethyl Acetate	7.559	43	348331	50.894	ug/l	97
38) Carbon Tetrachloride	8.365	117	443313	50.631	ug/l	98
39) Methylcyclohexane	9.600	83	479868	53.761	ug/l	# 87
40) Benzene	8.606	78	1203543	51.504	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	178503	49.316	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	409733	49.824	ug/l	98
43) Isopropyl Acetate	8.688	43	589300	51.943	ug/l #	92
44) Trichloroethene	9.353	130	324515	49.377	ug/l	96
45) 1,2-Dichloropropane	9.624	63	291451	51.464	ug/l	97
46) Dibromomethane	9.712	93	212397	49.386	ug/l #	87
47) Bromodichloromethane	9.888	83	435104	51.744	ug/l #	99
48) Methyl methacrylate	9.682	41	276044	52.752	ug/l #	84
49) 1,4-Dioxane	9.694	88	131377	1044.721	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1826942	263.905	ug/l	92
52) Toluene	10.629	92	763739	51.422	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	477001	52.534	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	504136	51.785	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	297348	49.747	ug/l	93
56) Ethyl methacrylate	10.876	69	445358	50.049	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	508165	51.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1159967	308.418	ug/l #	84
59) 2-Hexanone	11.194	43	1387615	271.111	ug/l	92
60) Dibromochloromethane	11.359	129	334088	50.823	ug/l	98
61) 1,2-Dibromoethane	11.470	107	316610	51.955	ug/l	98
64) Tetrachloroethene	11.106	164	323298	48.333	ug/l	90
65) Chlorobenzene	11.894	112	817303	49.406	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	310074	50.574	ug/l	97
67) Ethyl Benzene	11.965	91	1497355	52.108	ug/l	97
68) m/p-Xylenes	12.070	106	1139671	105.794	ug/l	97
69) o-Xylene	12.400	106	549182	51.929	ug/l	96
70) Styrene	12.412	104	921668	54.036	ug/l	96
71) Bromoform	12.582	173	235796	51.179	ug/l #	97
73) Isopropylbenzene	12.700	105	1468306	53.376	ug/l	98
74) N-amyl acetate	12.494	43	548031	55.050	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	399203	49.357	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	379870m	49.321	ug/l	
77) Bromobenzene	12.982	156	338395	49.797	ug/l	72
78) n-propylbenzene	13.035	91	1758604	54.133	ug/l	97
79) 2-Chlorotoluene	13.129	91	1006820	51.782	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1244253	54.762	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	154850	54.207	ug/l #	76
82) 4-Chlorotoluene	13.223	91	1015660	52.983	ug/l	95
83) tert-Butylbenzene	13.441	119	1042629	53.214	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1235165	54.088	ug/l	95
85) sec-Butylbenzene	13.617	105	1514692	54.079	ug/l	94
86) p-Isopropyltoluene	13.729	119	1254333	54.785	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	621798	49.802	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	626267	48.443	ug/l	96
89) n-Butylbenzene	14.059	91	1122793	55.303	ug/l	96
90) Hexachloroethane	14.335	117	221927	51.181	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	594078	49.437	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	87594	50.889	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	362160	52.122	ug/l	97
94) Hexachlorobutadiene	15.505	225	153361	50.305	ug/l	95
95) Naphthalene	15.641	128	1238756	55.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	358095	51.236	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

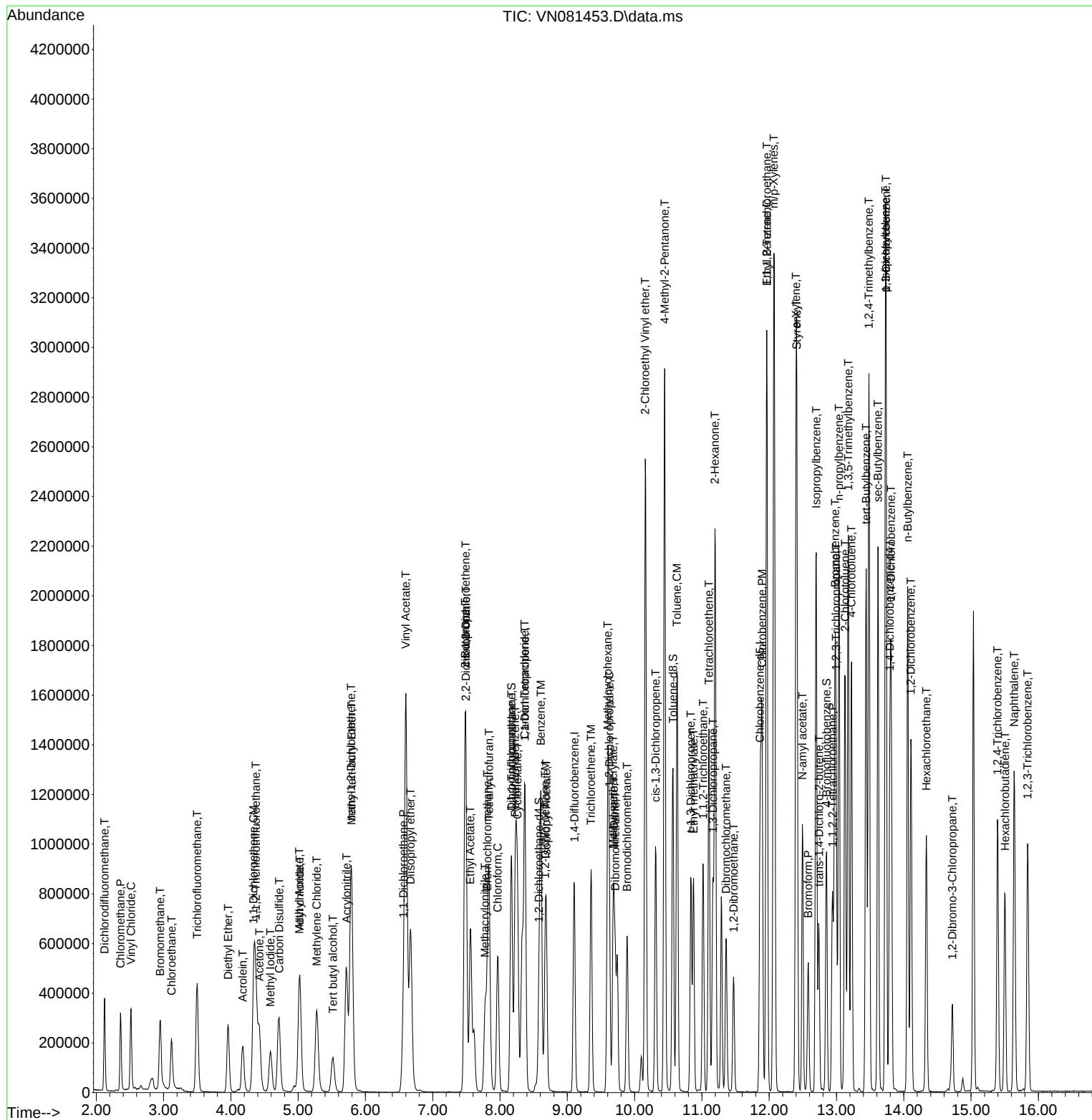
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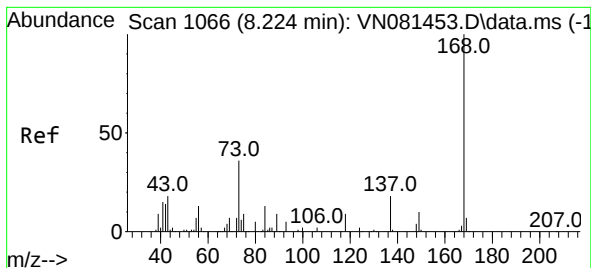
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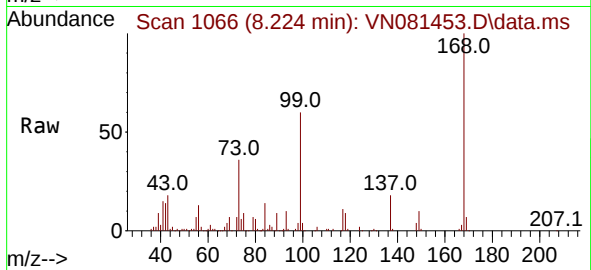
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081453.D
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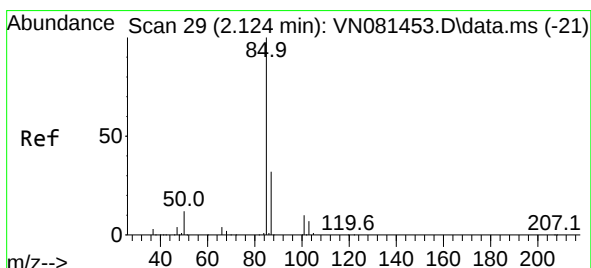
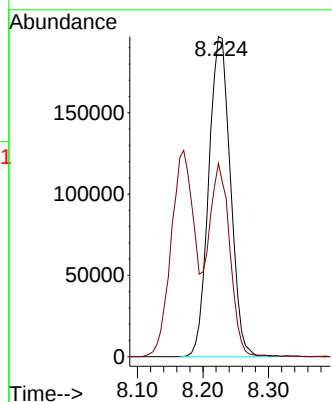
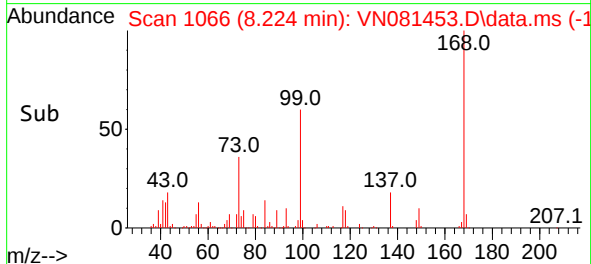
Instrument :
MSVOA_N
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VSTDICCC050



Tgt Ion:168 Resp: 452310
Ion Ratio Lower Upper
168 100
99 60.3 59.9 89.9

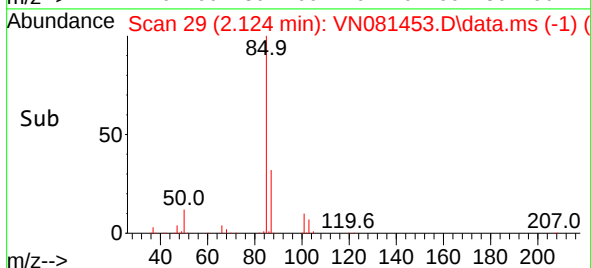
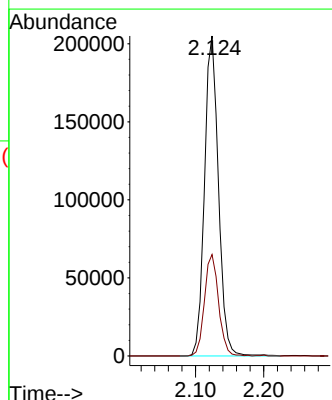
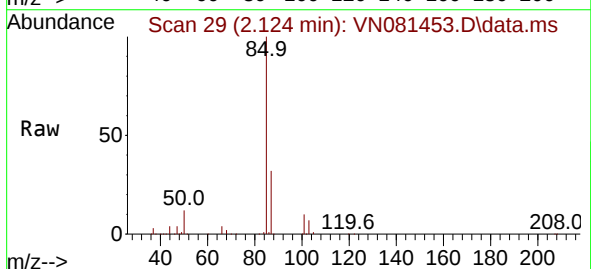
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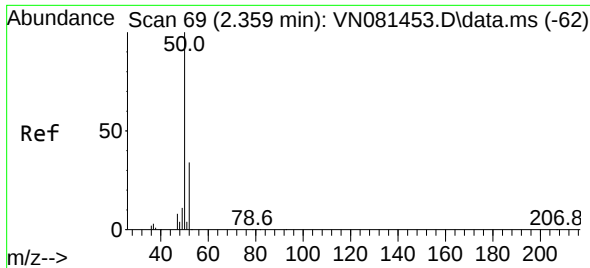
Reviewed By :John Carlone 03/19/2024
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#2
Dichlorodifluoromethane
Concen: 47.919 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

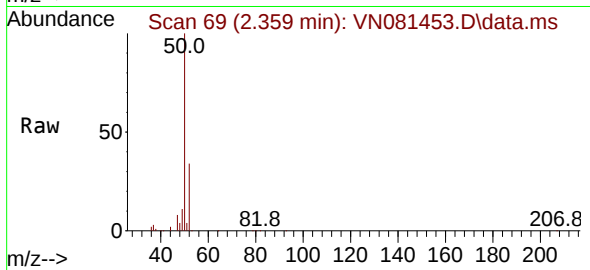
Tgt Ion: 85 Resp: 291850
Ion Ratio Lower Upper
85 100
87 31.7 15.3 45.9





#3
Chloromethane
Concen: 46.802 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

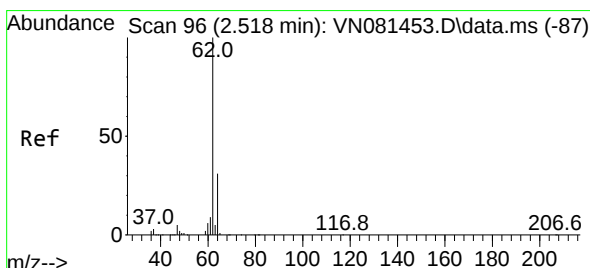
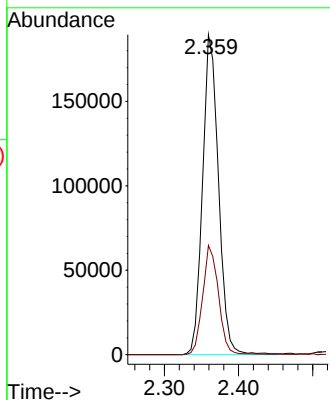
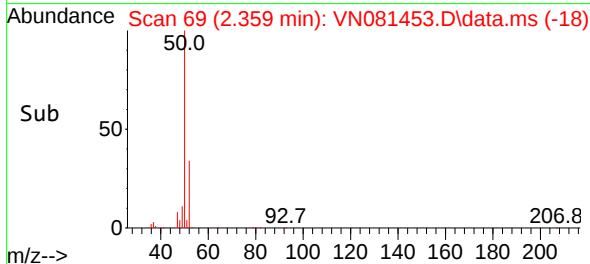
Instrument :
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Tgt Ion: 50 Resp: 28380
Ion Ratio Lower Upper
50 100
52 34.1 25.0 37.4

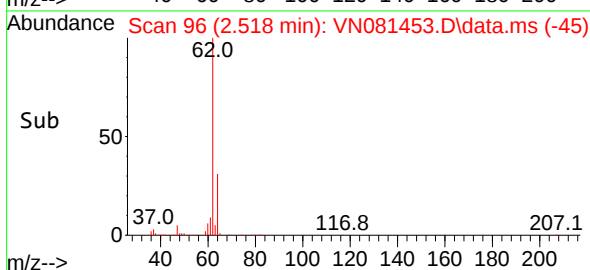
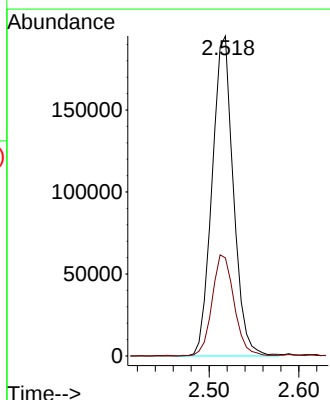
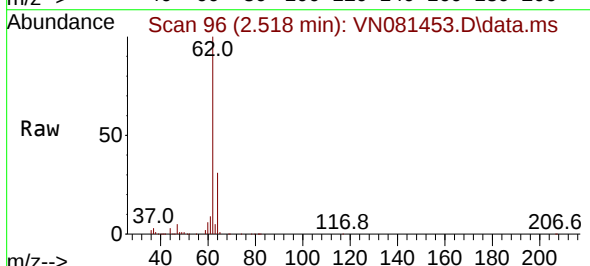
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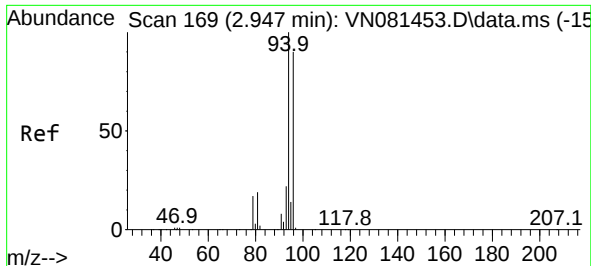
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#4
Vinyl Chloride
Concen: 47.237 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

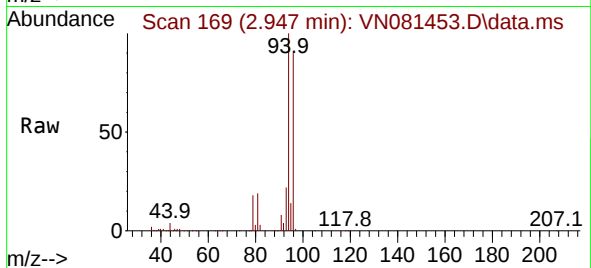
Tgt Ion: 62 Resp: 321462
Ion Ratio Lower Upper
62 100
64 30.6 22.7 34.1





#5
Bromomethane
Concen: 47.282 ug/l
RT: 2.947 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

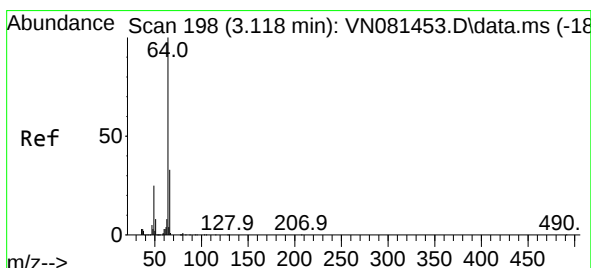
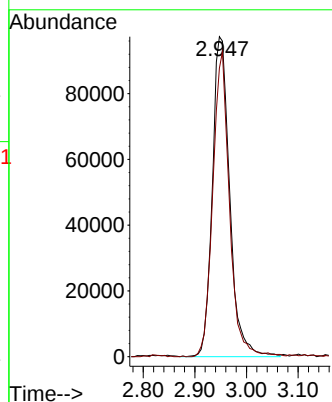
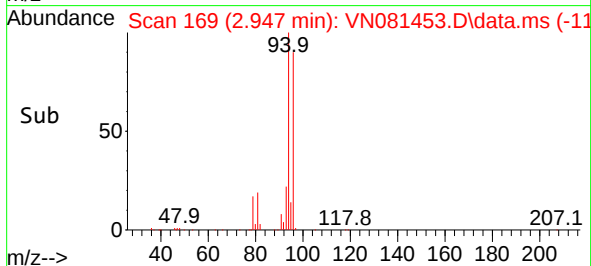
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Tgt Ion: 94 Resp: 227558
Ion Ratio Lower Upper
94 100
96 90.2 69.2 103.8

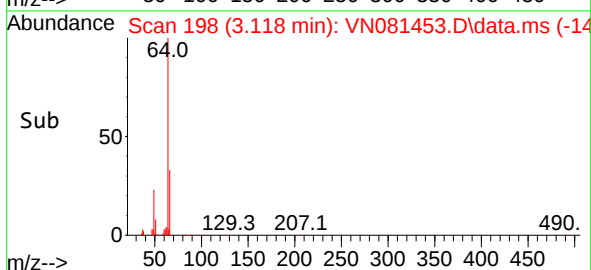
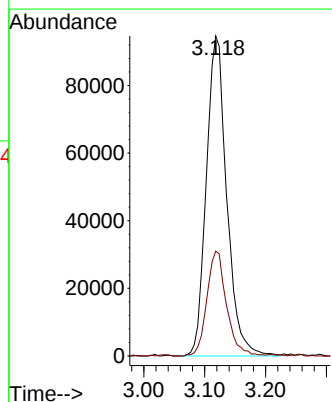
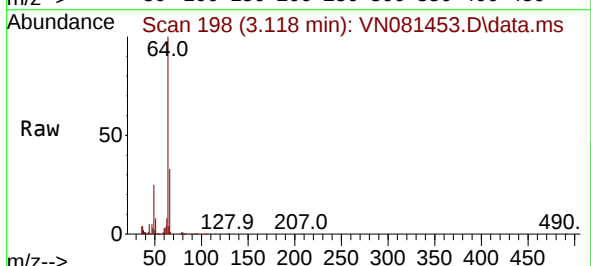
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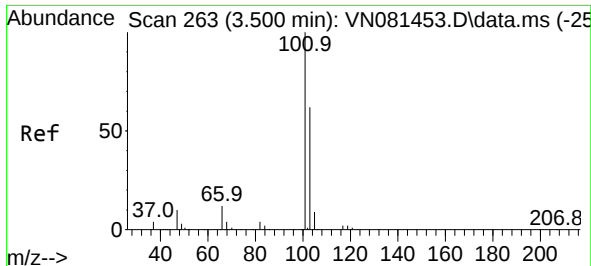
Reviewed By :John Carlone 03/19/2024
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#6
Chloroethane
Concen: 47.286 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

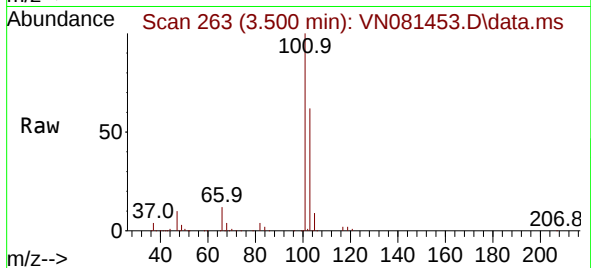
Tgt Ion: 64 Resp: 220946
Ion Ratio Lower Upper
64 100
66 32.8 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 48.561 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

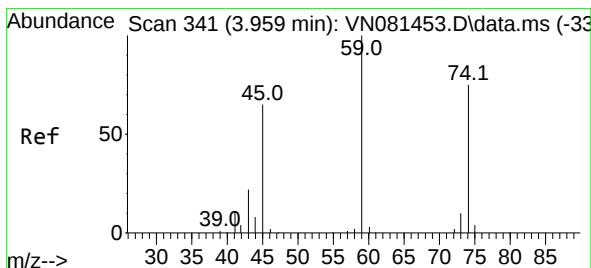
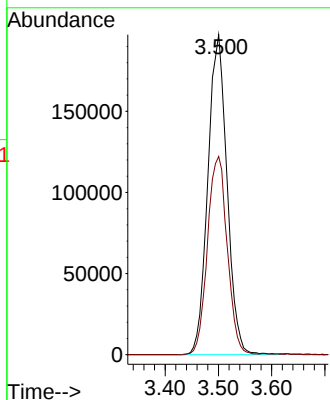
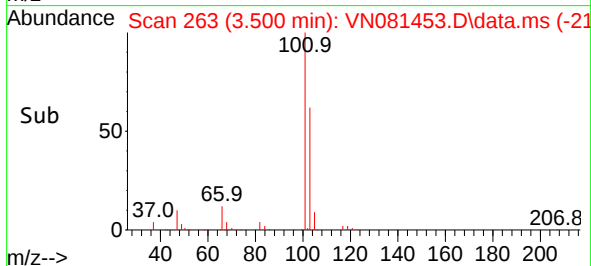
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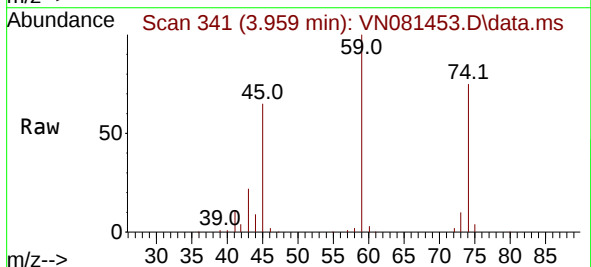
Tgt Ion:101 Resp: 49252
 Ion Ratio Lower Upper
 101 100
 103 62.0 54.4 81.6

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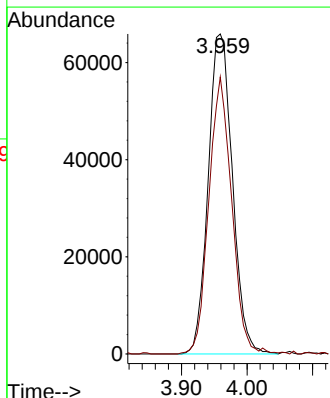
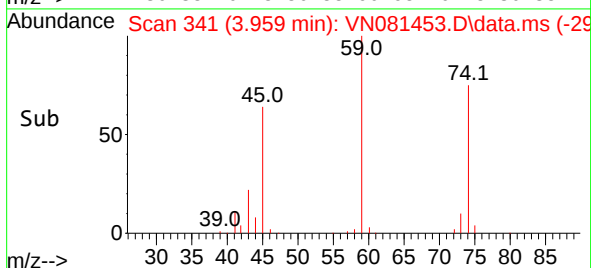
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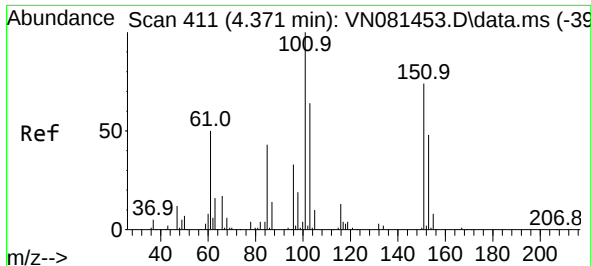


#8
 Diethyl Ether
 Concen: 50.442 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27



Tgt Ion: 74 Resp: 169312
 Ion Ratio Lower Upper
 74 100
 45 81.7 53.3 159.9





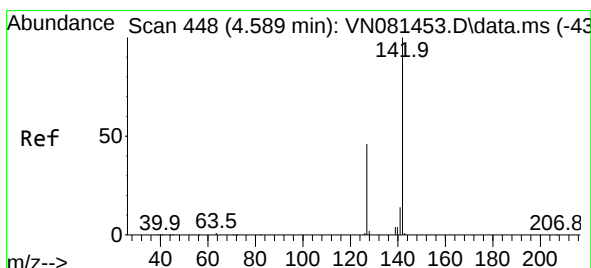
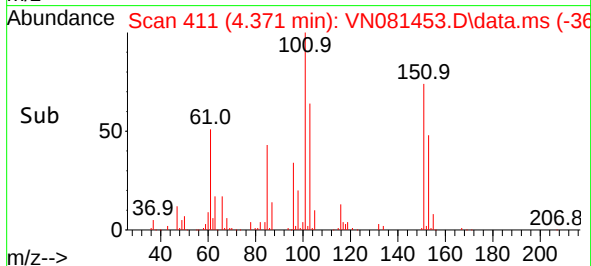
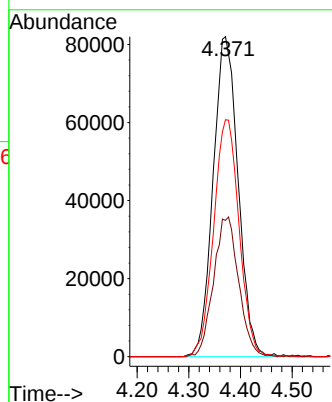
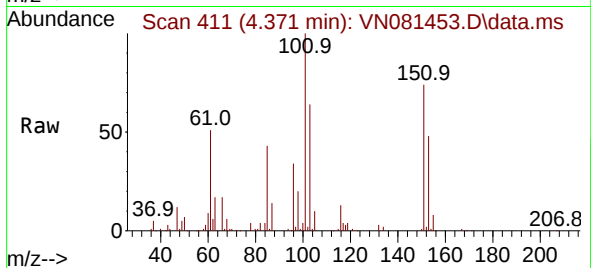
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.847 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 275730
Ion Ratio Lower Upper
101 100
85 43.8 38.1 57.1
151 75.4 49.1 73.7

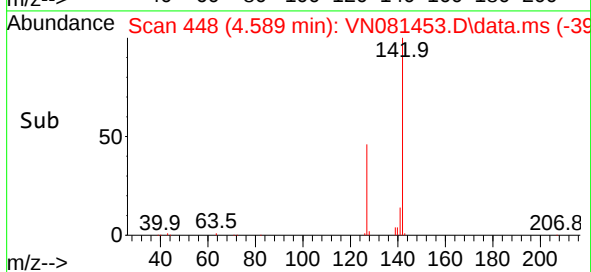
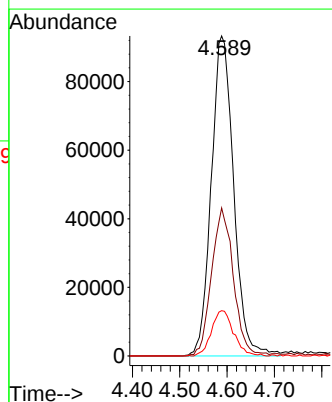
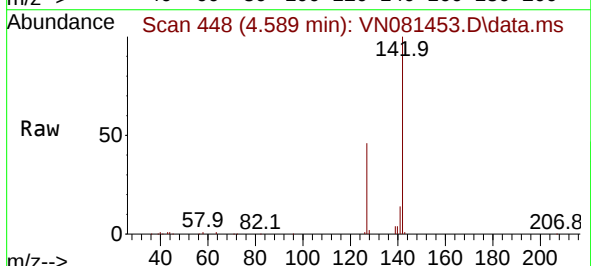
Manual Integrations
APPROVED

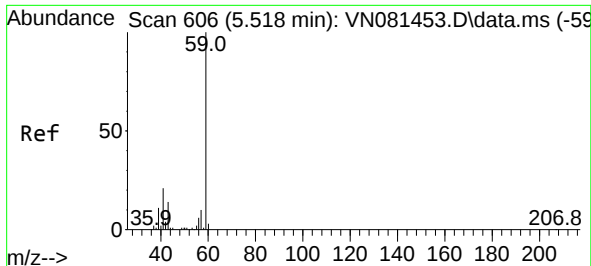
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#10
Methyl Iodide
Concen: 53.488 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

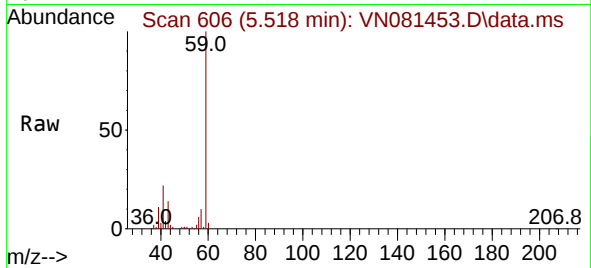
Tgt Ion:142 Resp: 306964
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.4
141 14.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 255.203 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

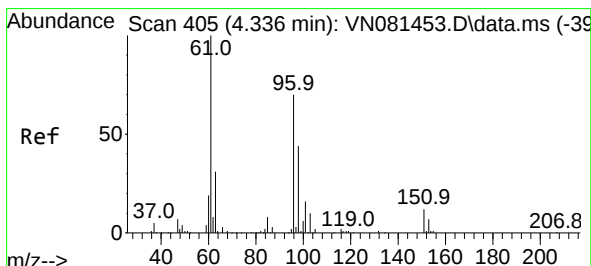
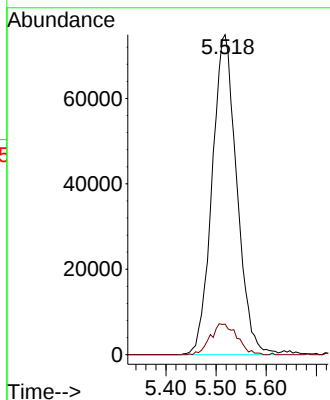
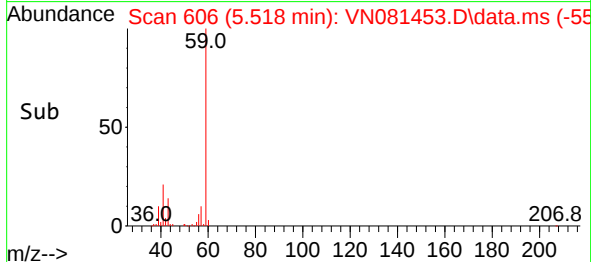
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



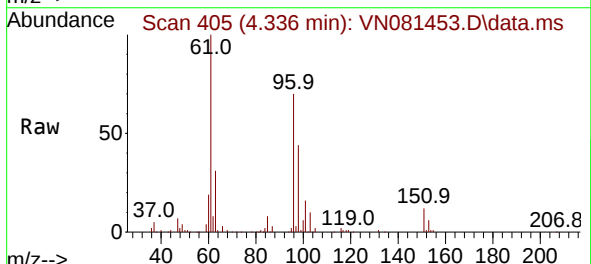
Tgt Ion: 59 Resp: 25653
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

Manual Integrations
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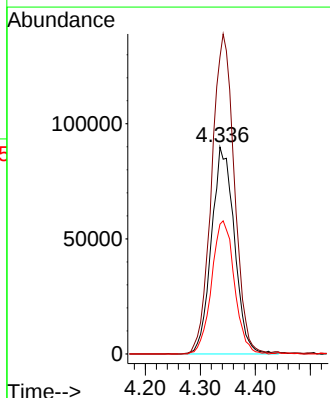
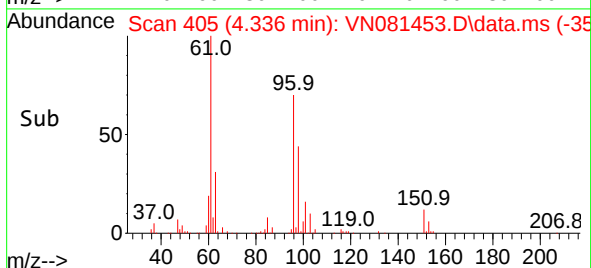
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

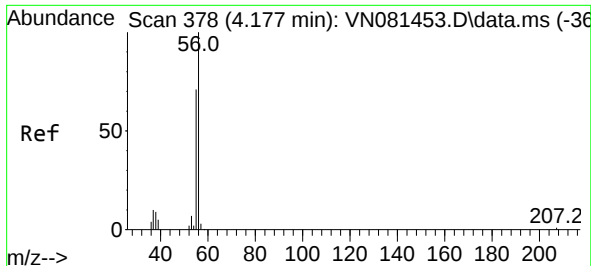


#12
1,1-Dichloroethene
Concen: 48.777 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



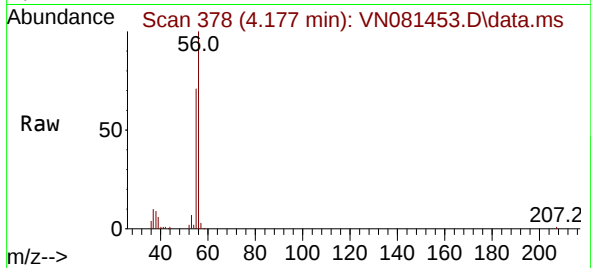
Tgt Ion: 96 Resp: 260375
Ion Ratio Lower Upper
96 100
61 143.5 138.2 207.4
98 62.7 49.2 73.8





#13
Acrolein
Concen: 274.243 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

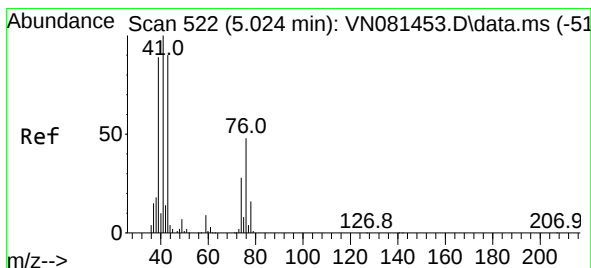
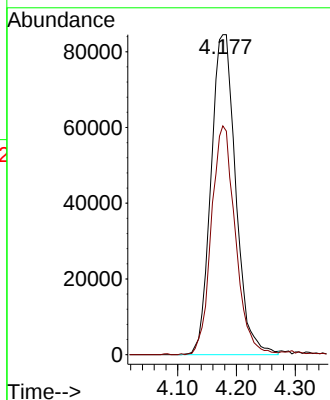
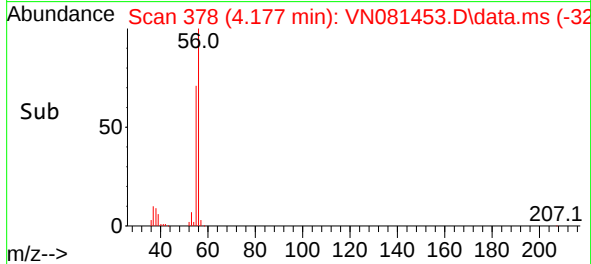
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



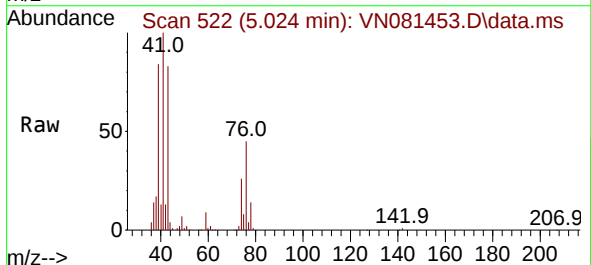
Tgt Ion: 56 Resp: 247369
Ion Ratio Lower Upper
56 100
55 69.3 55.3 82.9

Manual Integrations
APPROVED

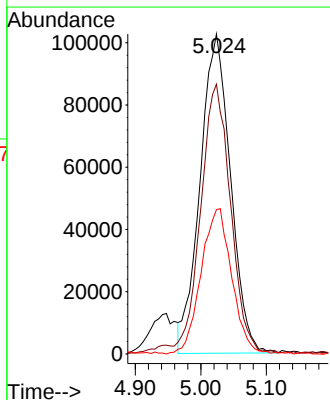
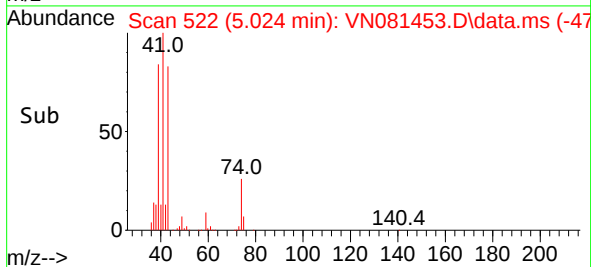
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

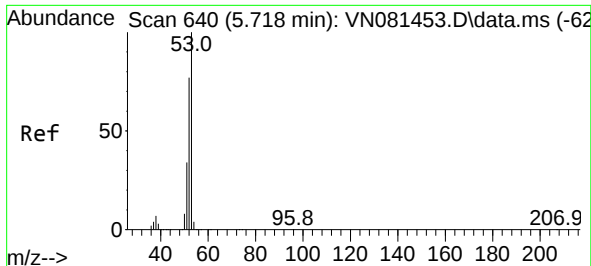


#14
Allyl chloride
Concen: 49.509 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



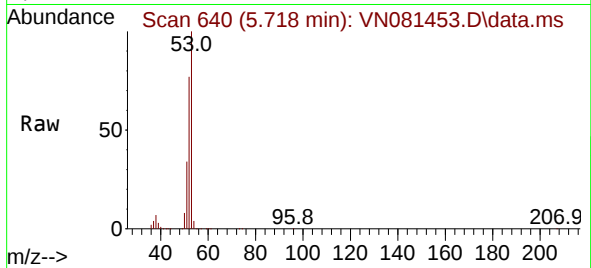
Tgt Ion: 41 Resp: 331166
Ion Ratio Lower Upper
41 100
39 82.1 57.7 86.5
76 45.9 26.8 40.2#





#15
Acrylonitrile
Concen: 243.728 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

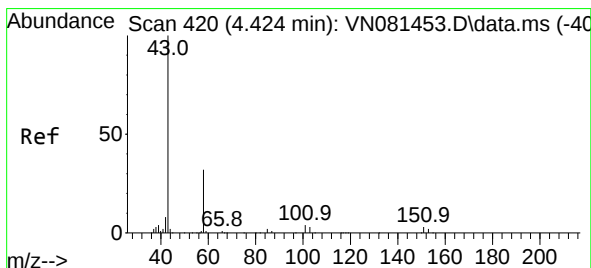
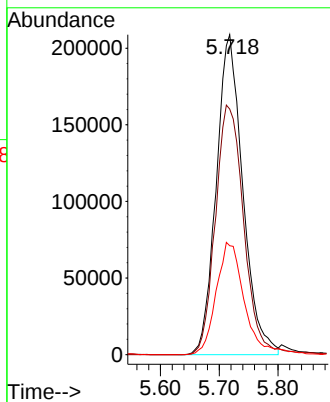
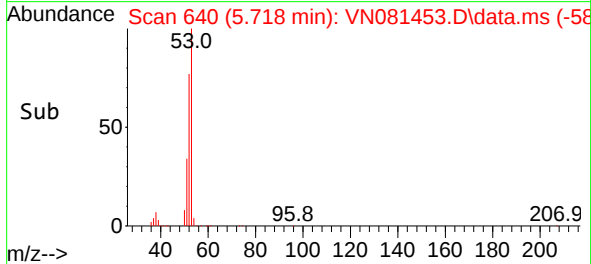
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 655430
Ion Ratio Lower Upper
53 100
52 83.6 64.8 97.2
51 37.4 26.9 40.3

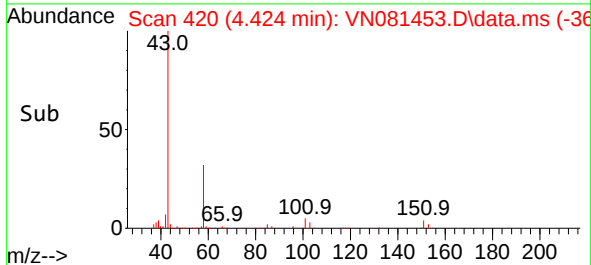
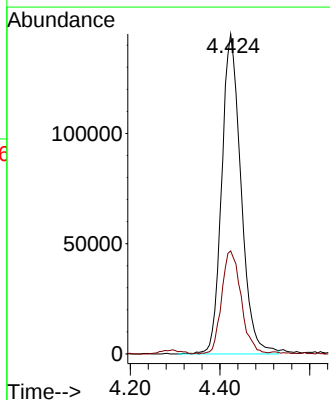
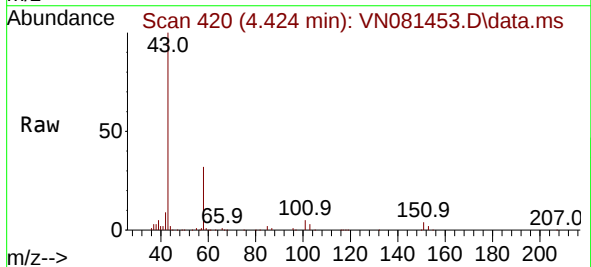
Manual Integrations
APPROVED

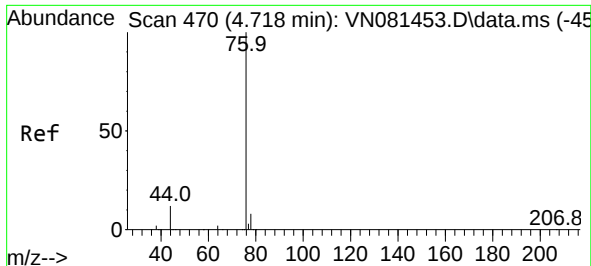
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#16
Acetone
Concen: 233.091 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

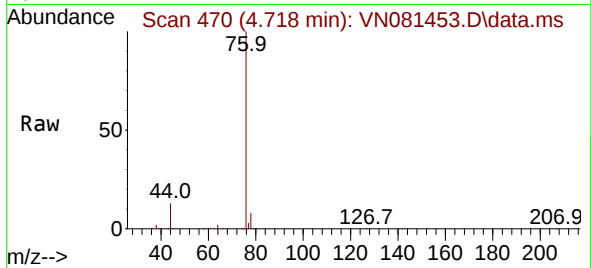
Tgt Ion: 43 Resp: 434517
Ion Ratio Lower Upper
43 100
58 31.7 24.8 37.2





#17
Carbon Disulfide
Concen: 46.928 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

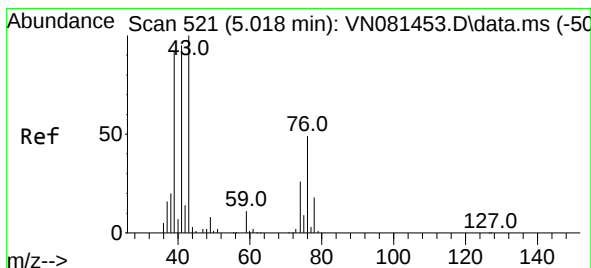
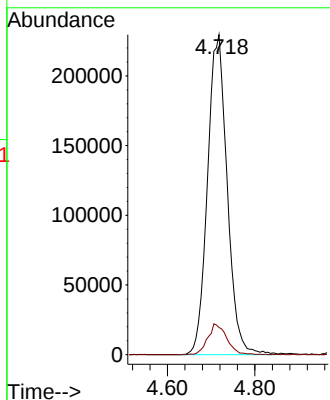
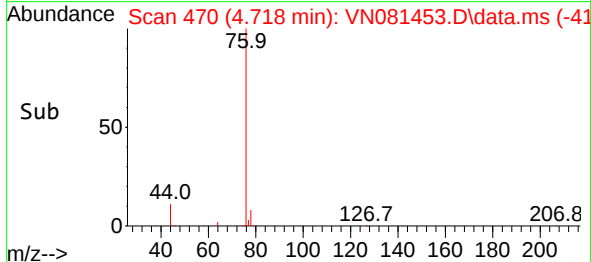
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 71886
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5

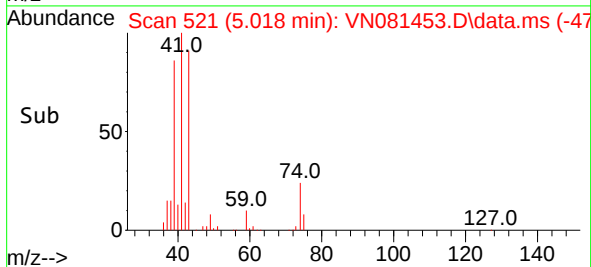
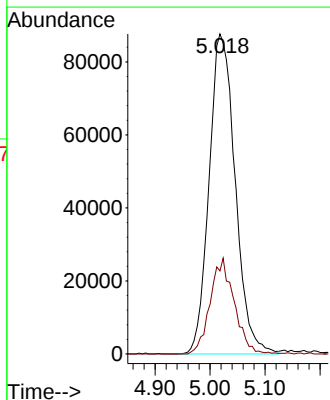
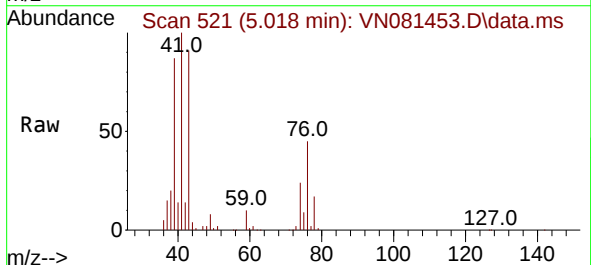
Manual Integrations
APPROVED

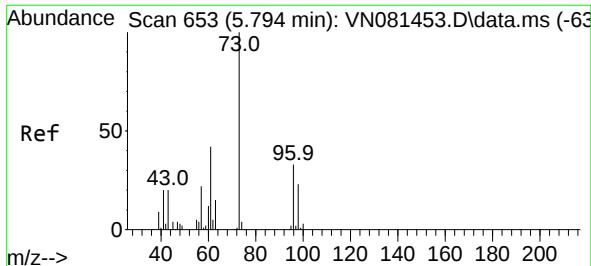
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#18
Methyl Acetate
Concen: 50.227 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

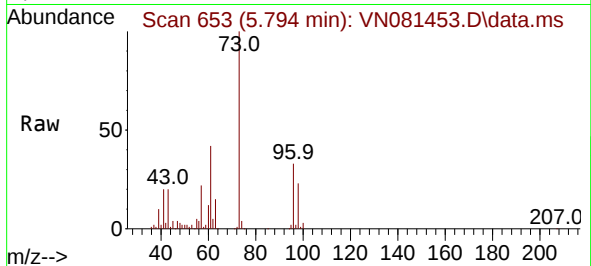
Tgt Ion: 43 Resp: 288661
Ion Ratio Lower Upper
43 100
74 27.6 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 51.226 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

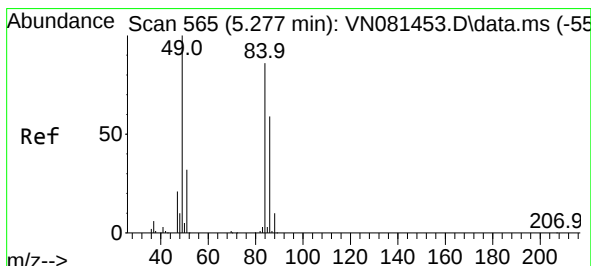
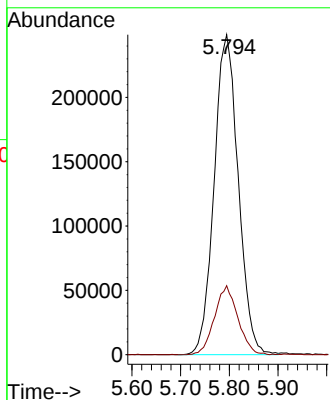
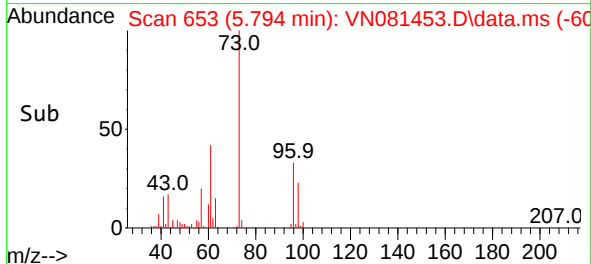
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 855792
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4

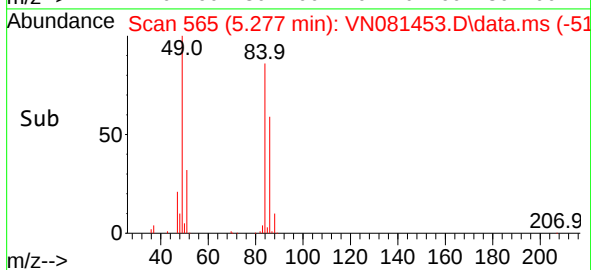
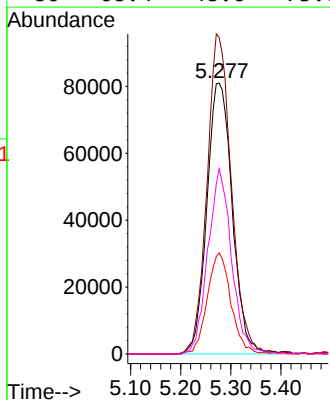
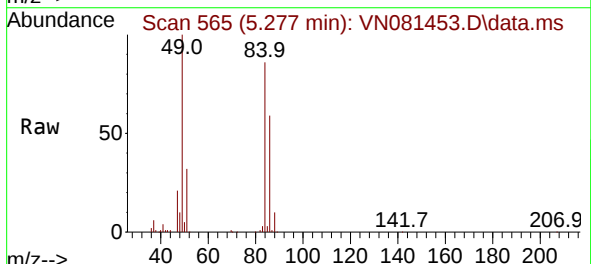
Manual Integrations
APPROVED

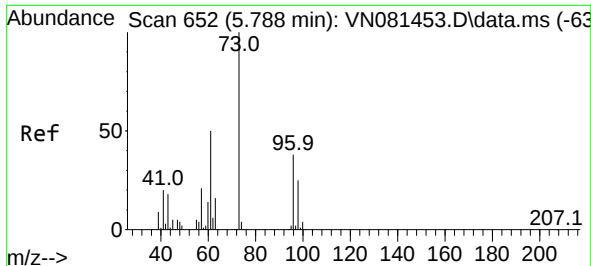
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#20
Methylene Chloride
Concen: 46.690 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

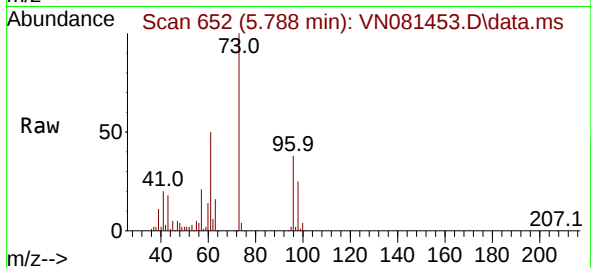
Tgt Ion: 84 Resp: 285109
Ion Ratio Lower Upper
84 100
49 116.9 108.1 162.1
51 37.3 32.9 49.3
86 68.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 47.275 ug/l
RT: 5.788 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

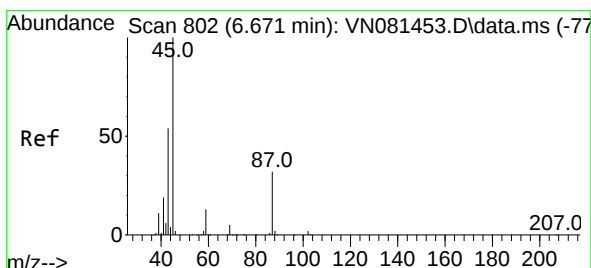
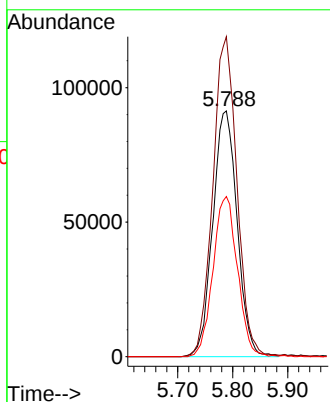
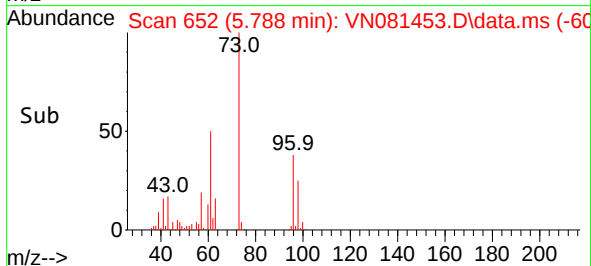
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 281370
Ion Ratio Lower Upper
96 100
61 130.2 112.8 169.2
98 65.2 51.0 76.4

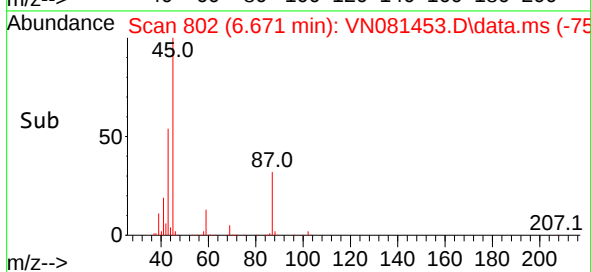
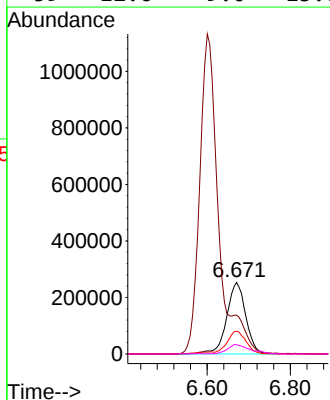
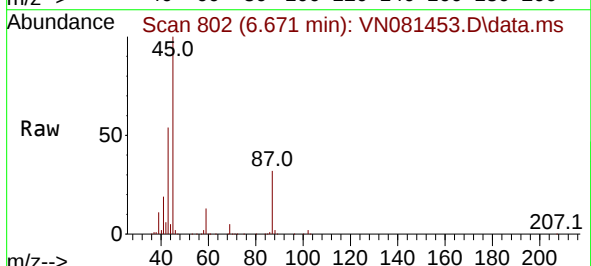
Manual Integrations
APPROVED

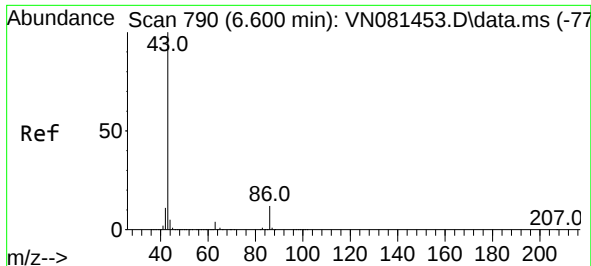
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#22
Diisopropyl ether
Concen: 51.790 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion: 45 Resp: 804912
Ion Ratio Lower Upper
45 100
43 53.9 41.8 62.8
87 31.7 18.1 27.1#
59 12.6 9.0 13.6





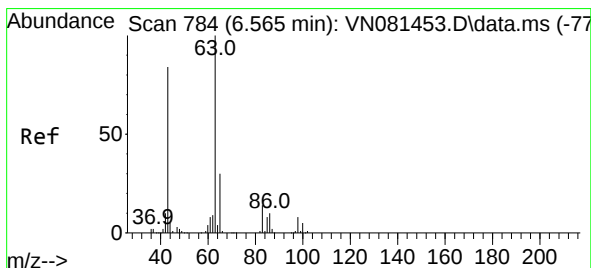
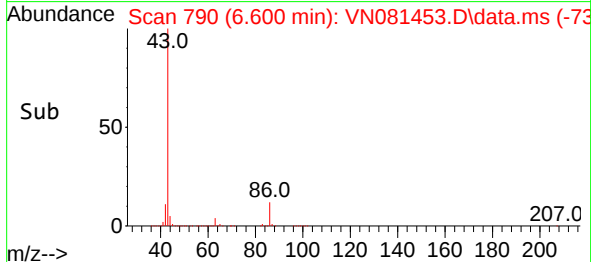
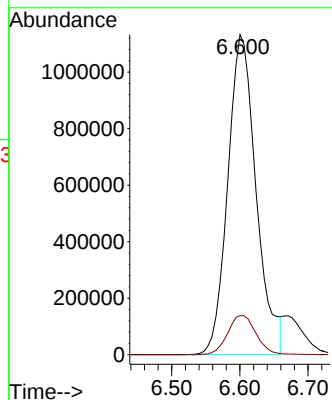
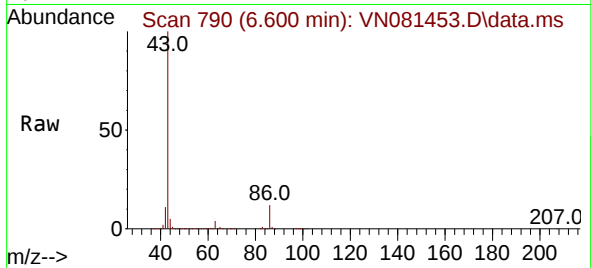
#23
 Vinyl Acetate
 Concen: 264.469 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 327174
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7

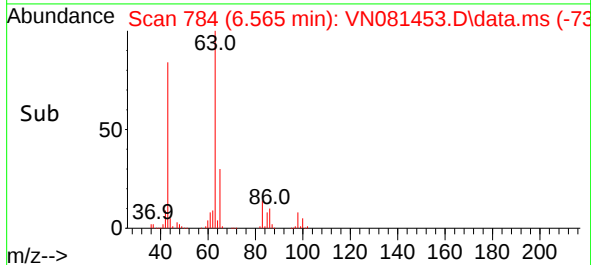
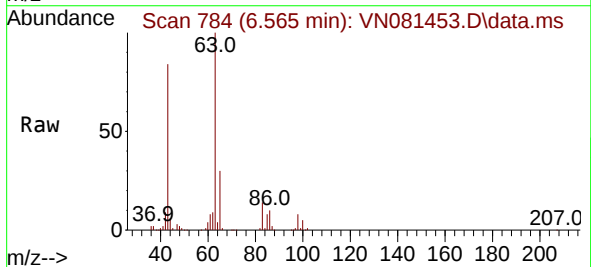
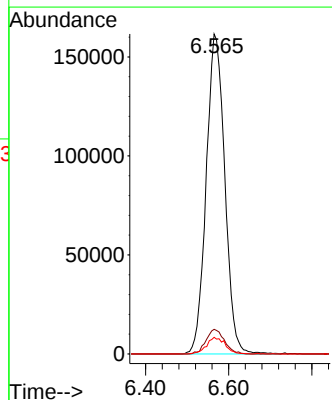
Manual Integrations
 APPROVED

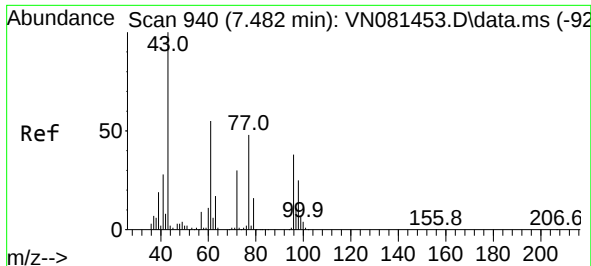
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#24
 1,1-Dichloroethane
 Concen: 48.197 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

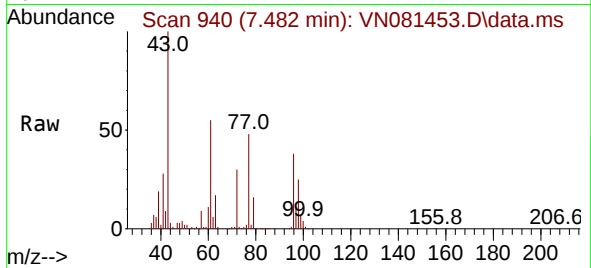
Tgt Ion: 63 Resp: 501709
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.6
 100 5.2 1.9 5.7





#25
2-Butanone
Concen: 251.834 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

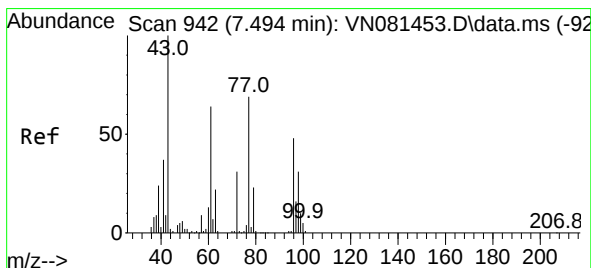
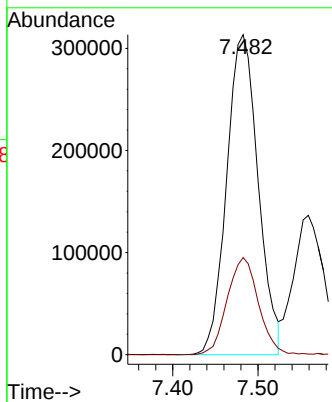
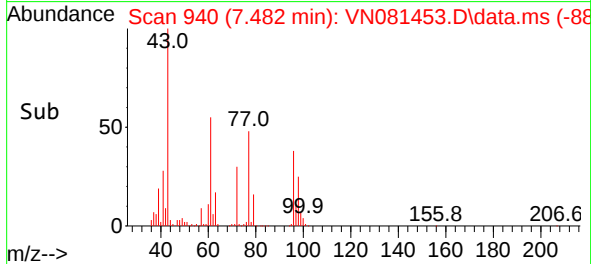
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 805215
Ion Ratio Lower Upper
43 100
72 30.3 19.5 29.3

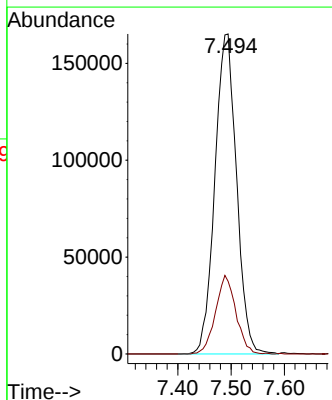
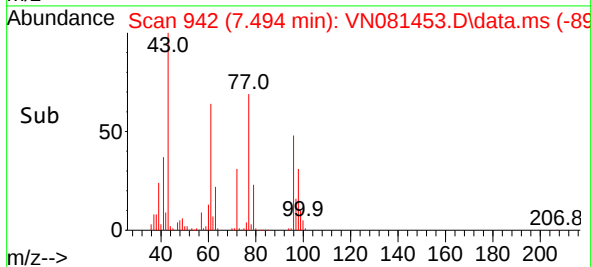
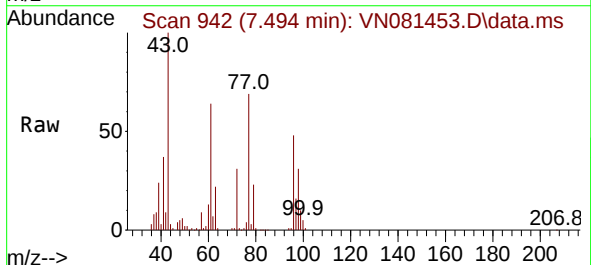
Manual Integrations
APPROVED

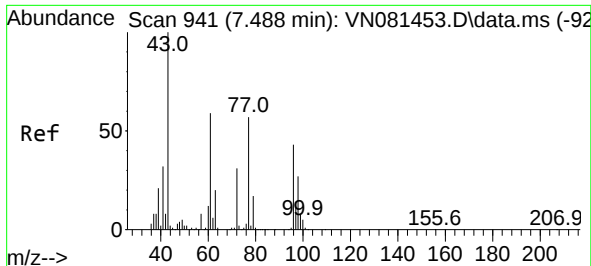
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#26
2,2-Dichloropropane
Concen: 51.631 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

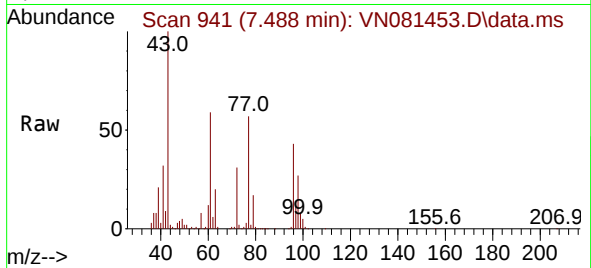
Tgt Ion: 77 Resp: 466156
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 48.907 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

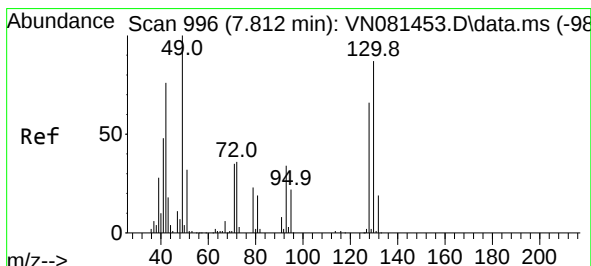
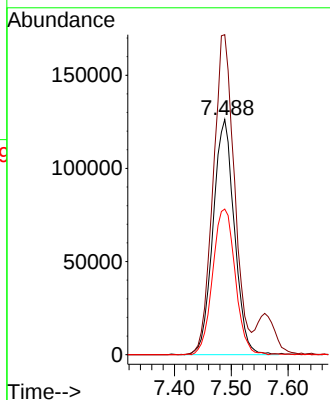
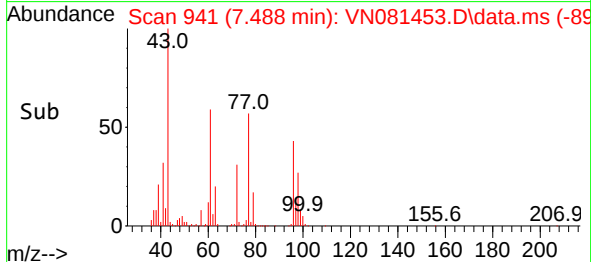
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 32935
Ion Ratio Lower Upper
96 100
61 135.8 0.0 325.4
98 65.5 0.0 130.4

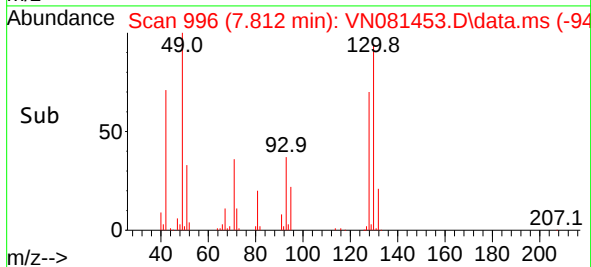
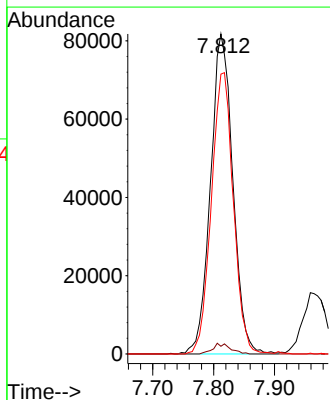
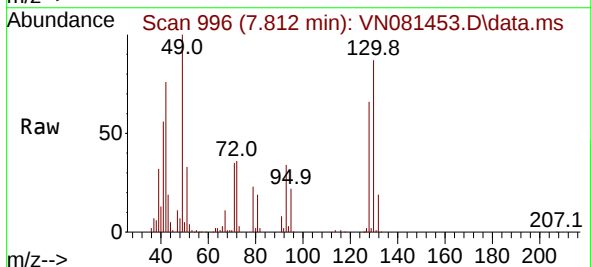
Manual Integrations
APPROVED

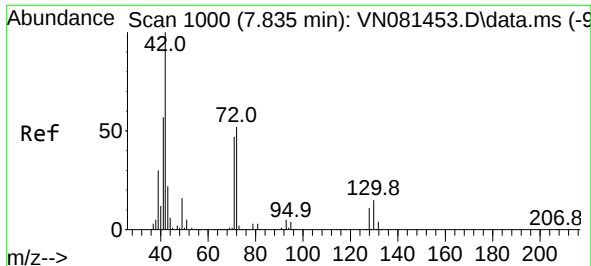
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#28
Bromochloromethane
Concen: 49.158 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion: 49 Resp: 208427
Ion Ratio Lower Upper
49 100
129 2.6 0.0 1.6#
130 86.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 255.500 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

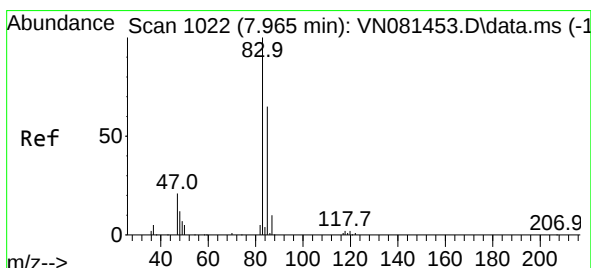
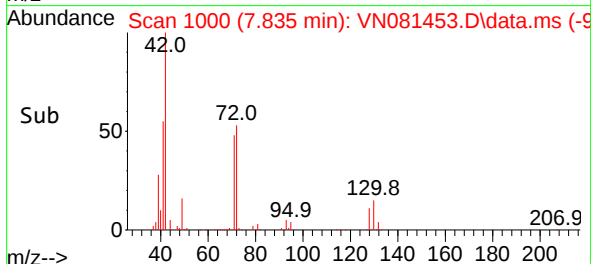
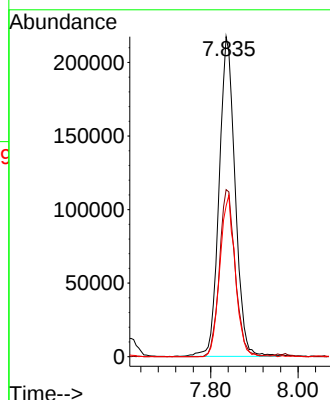
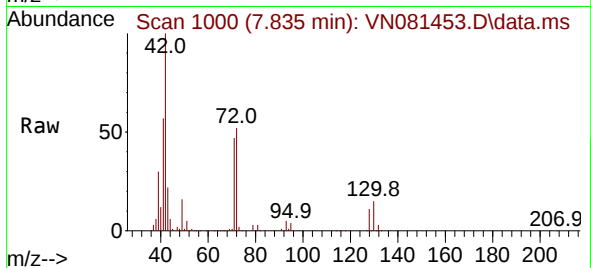
Tgt Ion:	42	Resp:	550344
Ion Ratio	Lower	Upper	
42	100		
72	51.5	31.1	46.7
71	48.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#30

Chloroform

Concen: 49.052 ug/l

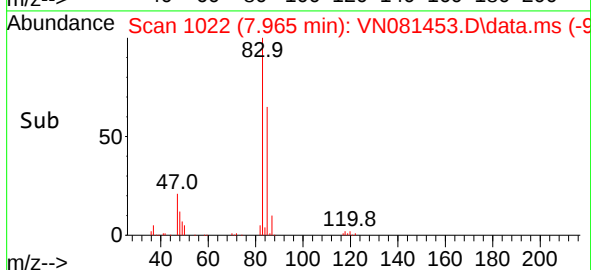
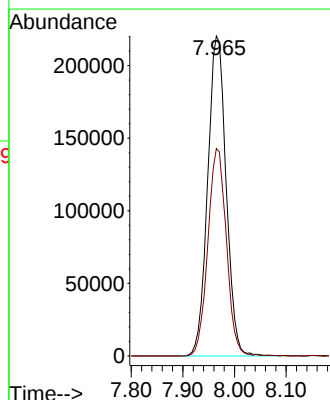
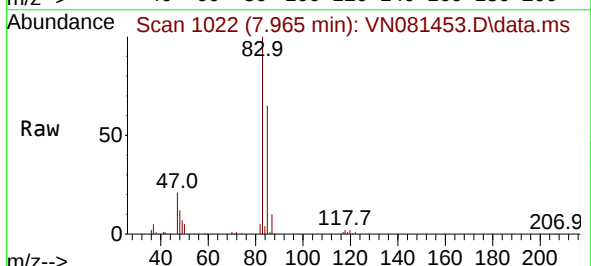
RT: 7.965 min Scan# 1022

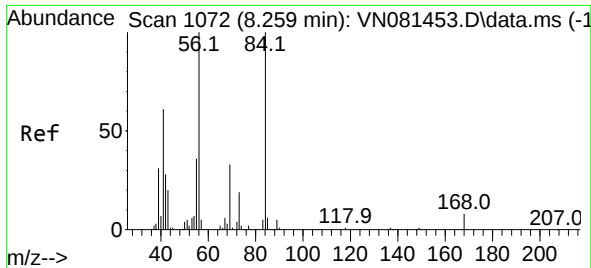
Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

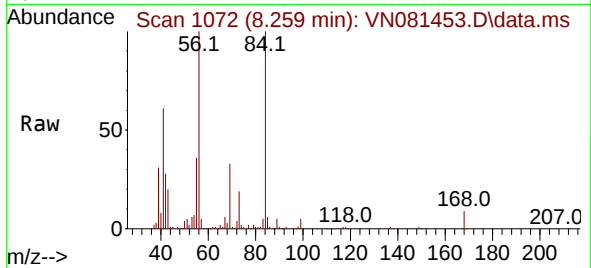
Tgt Ion:	83	Resp:	546631
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.0	76.6





#31
Cyclohexane
Concen: 46.662 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

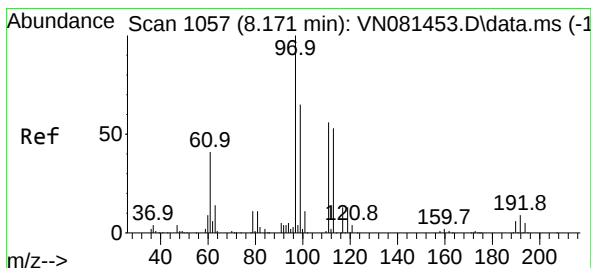
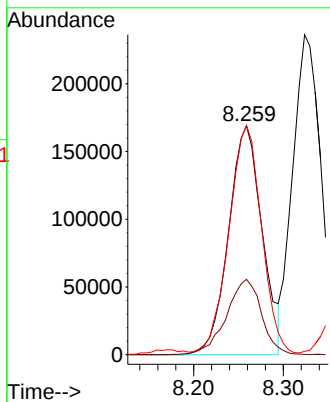
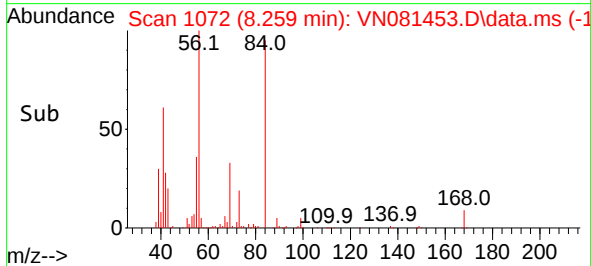
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 437988
Ion Ratio Lower Upper
56 100
69 32.8 20.1 30.1
84 99.0 56.9 85.3

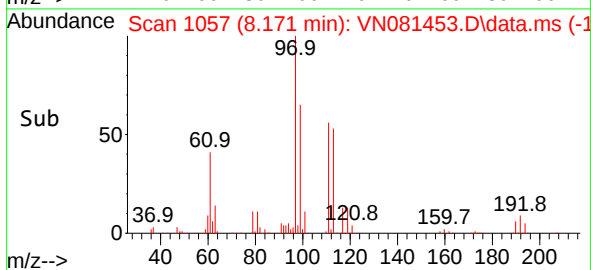
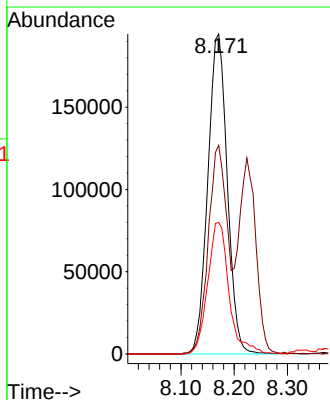
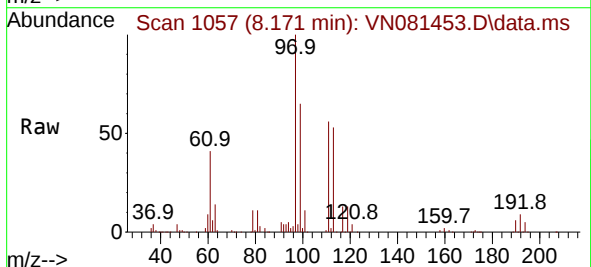
Manual Integrations
APPROVED

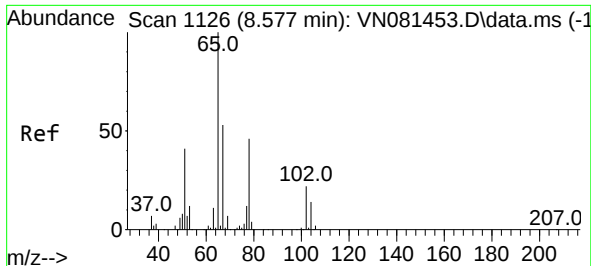
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#32
1,1,1-Trichloroethane
Concen: 48.823 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion: 97 Resp: 493618
Ion Ratio Lower Upper
97 100
99 62.5 53.4 80.0
61 45.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.313 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 29598

Ion Ratio Lower Upper

65 100

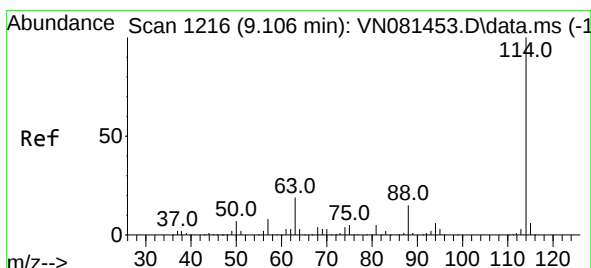
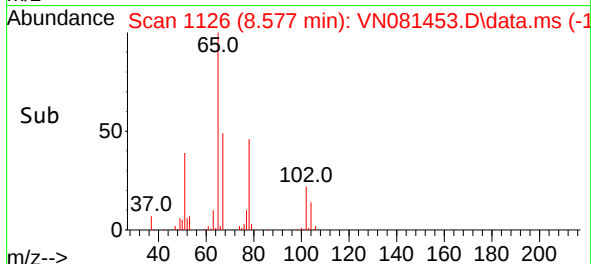
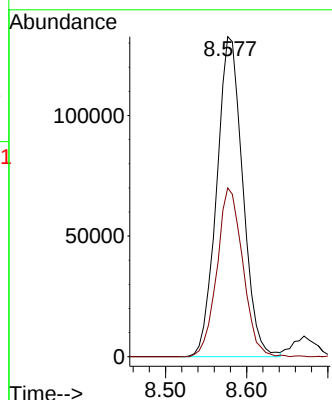
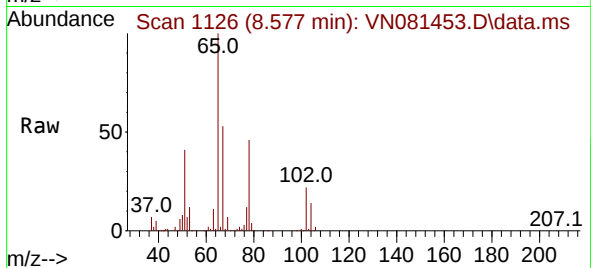
67 52.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

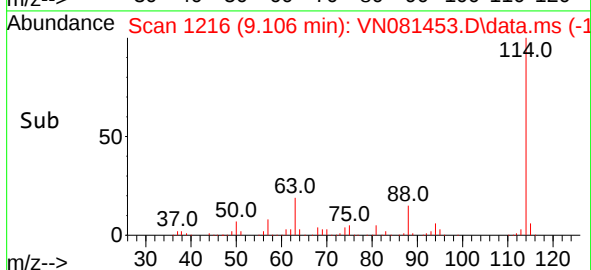
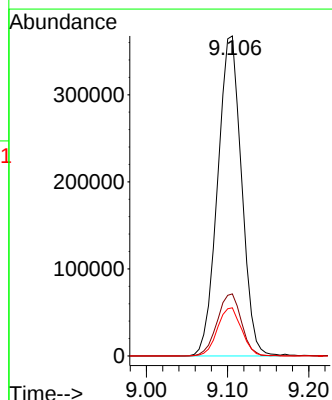
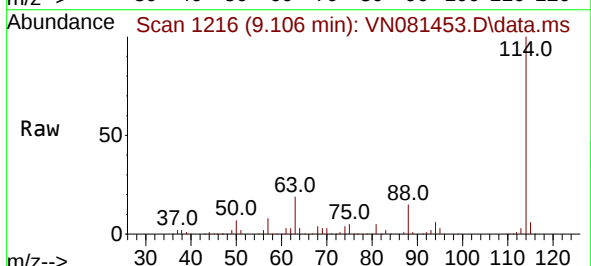
Tgt Ion:114 Resp: 752575

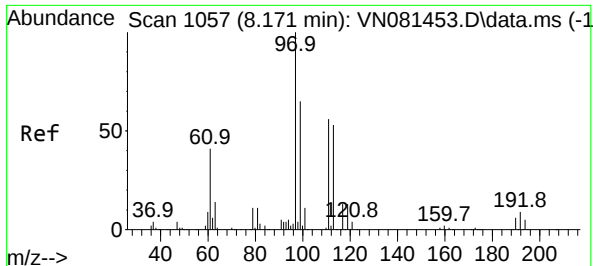
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.209 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 252719

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

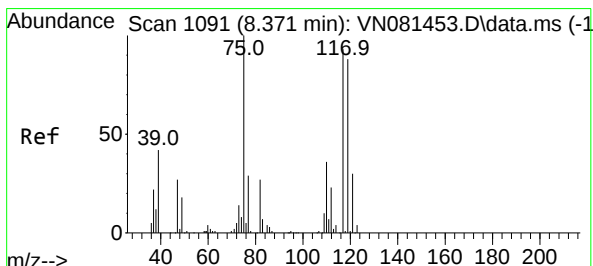
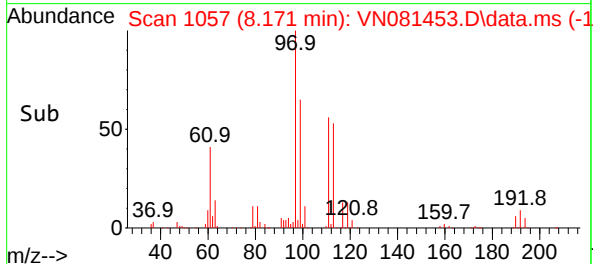
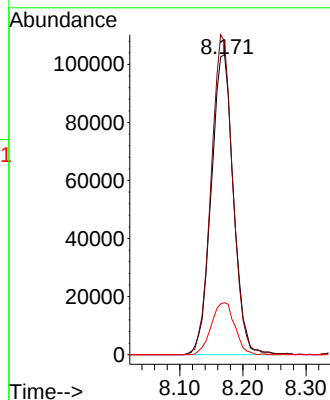
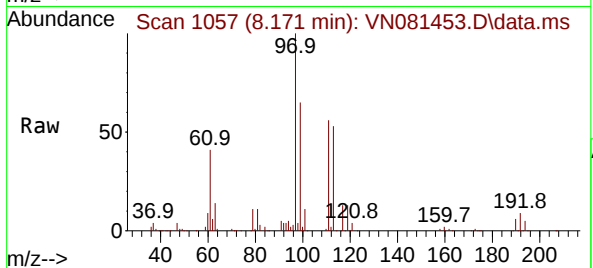
192 18.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#36

1,1-Dichloropropene

Concen: 50.871 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

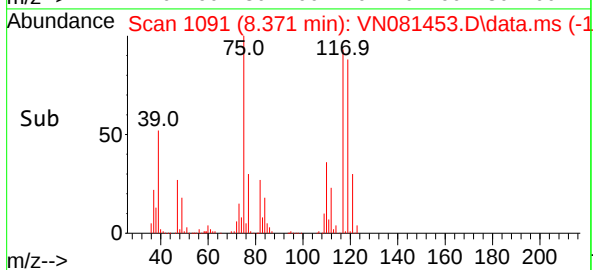
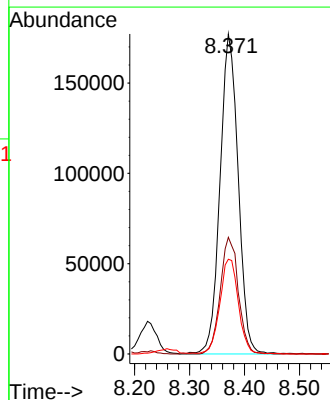
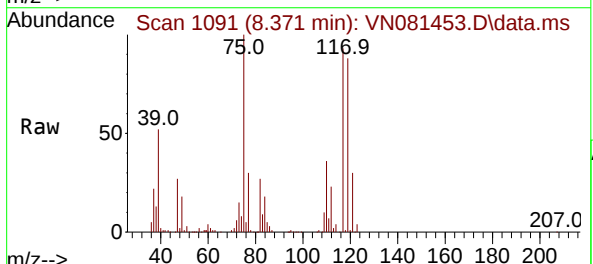
Tgt Ion: 75 Resp: 406602

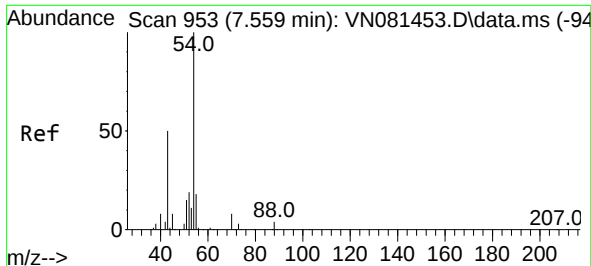
Ion Ratio Lower Upper

75 100

110 36.3 16.0 48.0

77 29.8 25.8 38.6





#37

Ethyl Acetate

Concen: 50.894 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN081453.D

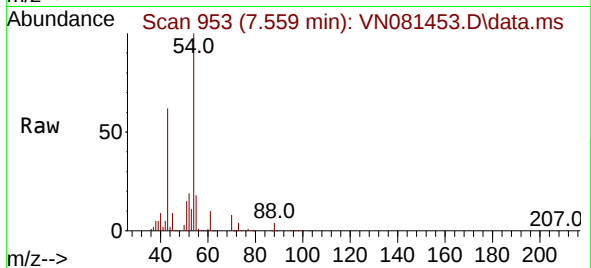
Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



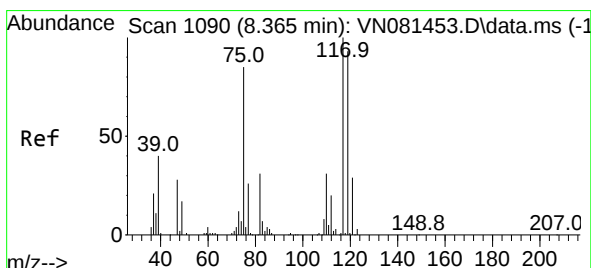
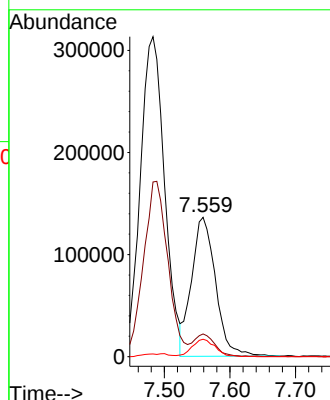
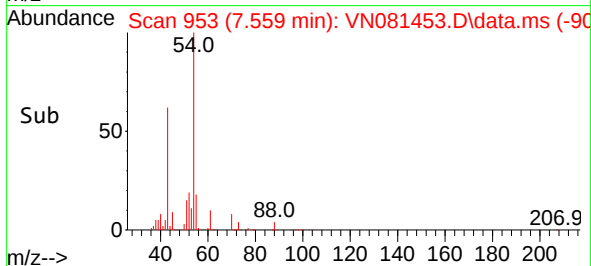
Tgt Ion:	43	Resp:	34833
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	15.8
70	11.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#38

Carbon Tetrachloride

Concen: 50.631 ug/l

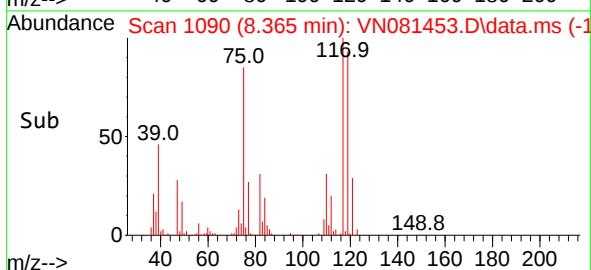
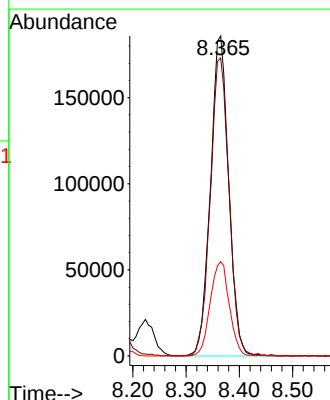
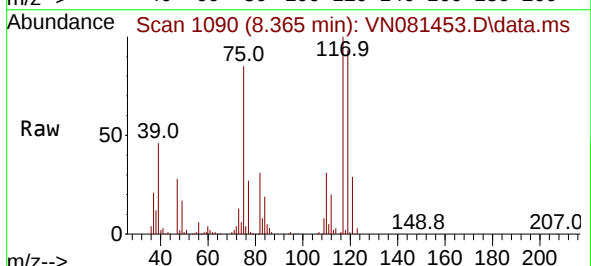
RT: 8.365 min Scan# 1090

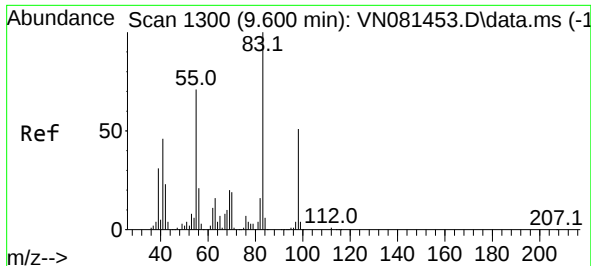
Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Tgt Ion:	117	Resp:	443313
Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.4	110.2
121	29.5	24.4	36.6





#39

Methylcyclohexane

Concen: 53.761 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 47986

Ion Ratio Lower Upper

83 100

55 70.9 65.7 98.5

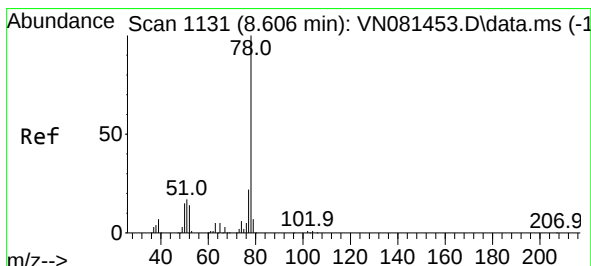
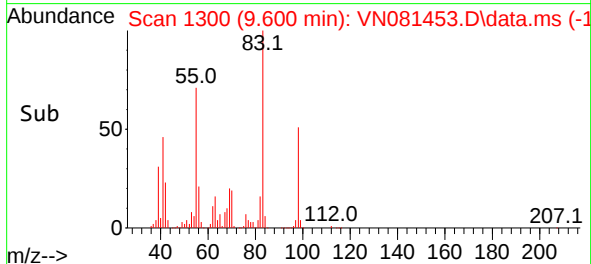
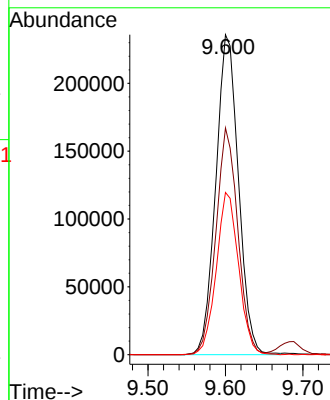
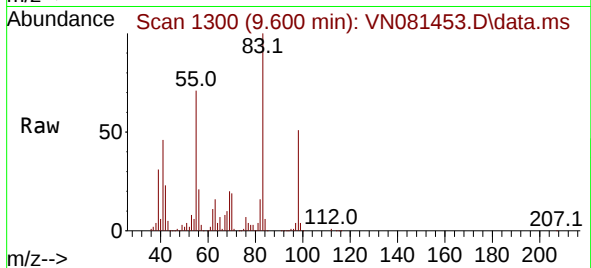
98 50.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#40

Benzene

Concen: 51.504 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081453.D

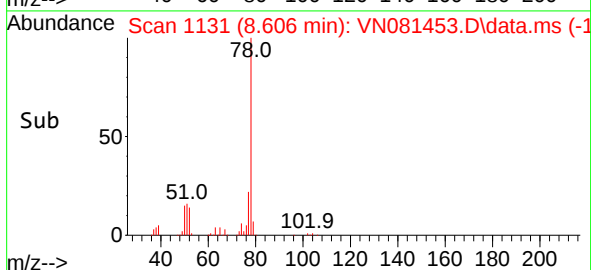
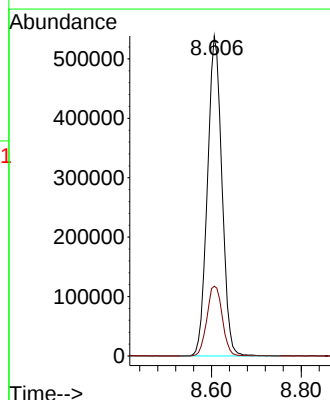
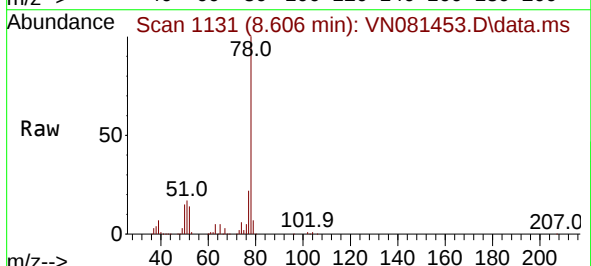
Acq: 18 Mar 2024 16:27

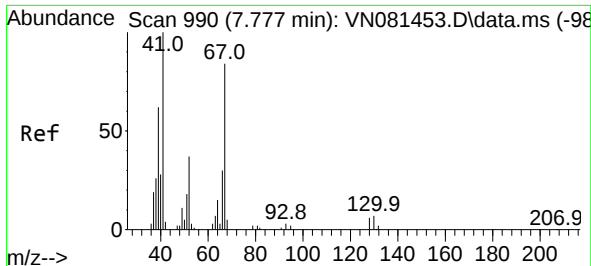
Tgt Ion: 78 Resp: 1203543

Ion Ratio Lower Upper

78 100

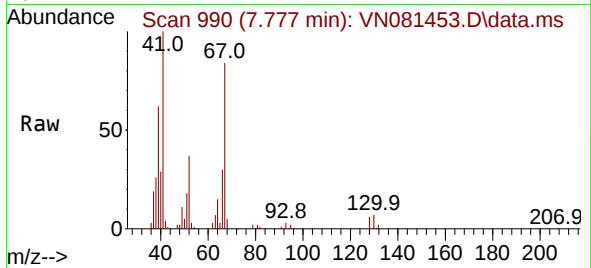
77 21.8 20.4 30.6





#41
Methacrylonitrile
Concen: 49.316 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

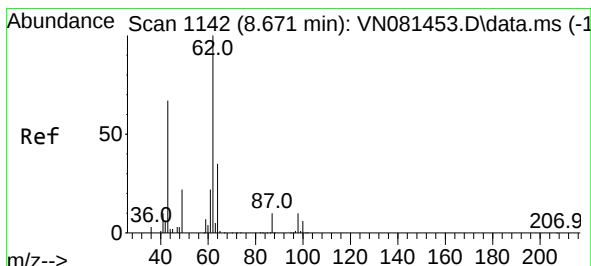
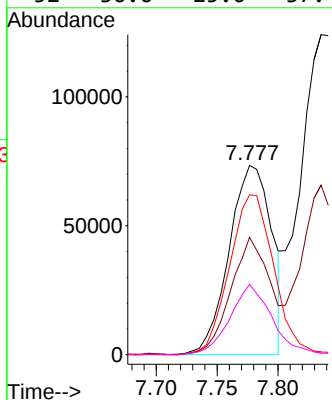
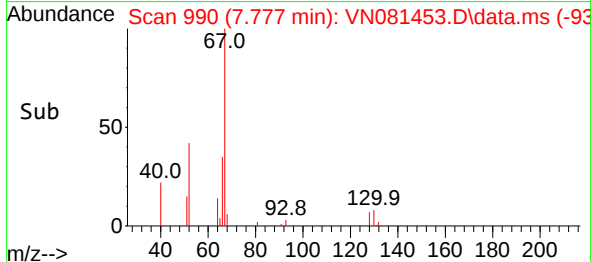
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



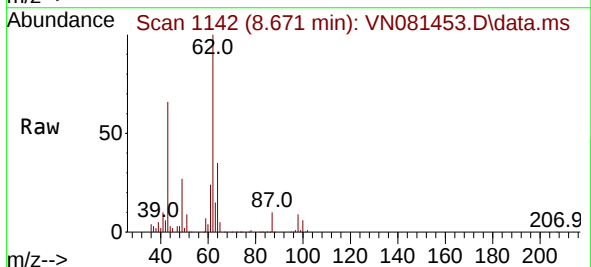
Tgt Ion: 41 Resp: 17850
Ion Ratio Lower Upper
41 100
39 56.3 48.4 72.6
67 88.5 56.8 85.2
52 36.6 25.0 37.4

Manual Integrations
APPROVED

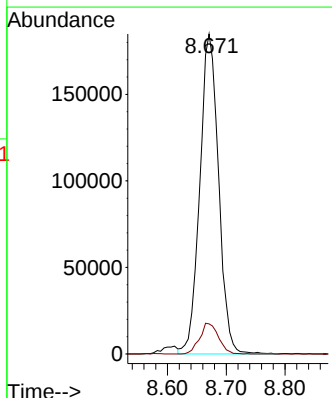
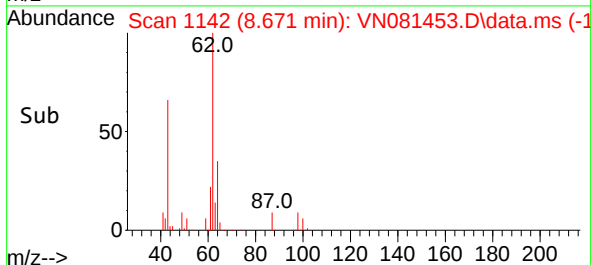
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

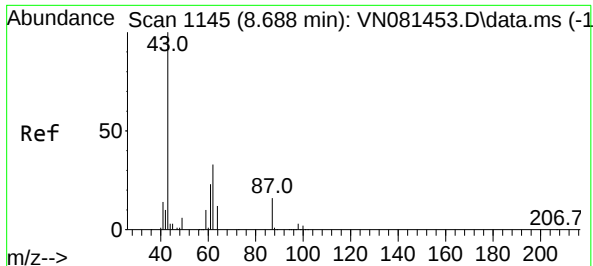


#42
1,2-Dichloroethane
Concen: 49.824 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



Tgt Ion: 62 Resp: 409733
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.0





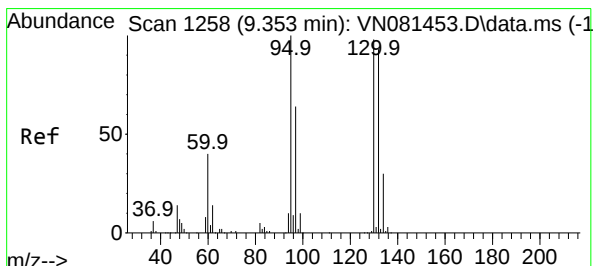
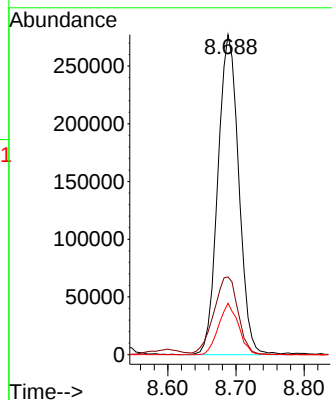
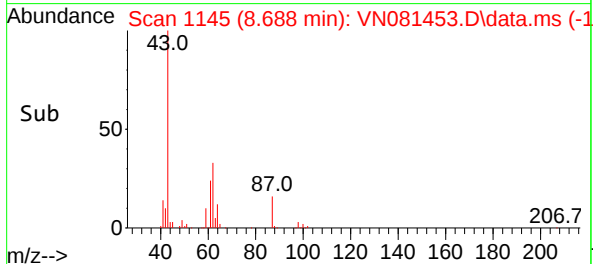
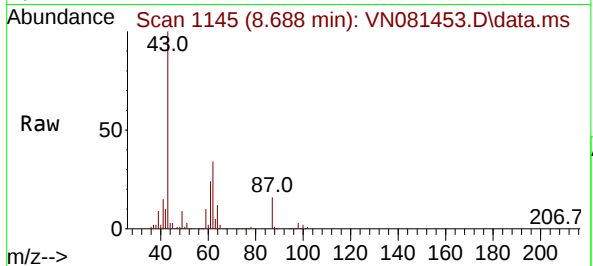
#43
Isopropyl Acetate
Concen: 51.943 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 589300
Ion Ratio Lower Upper
43 100
61 28.3 19.9 29.9
87 15.5 9.0 13.6

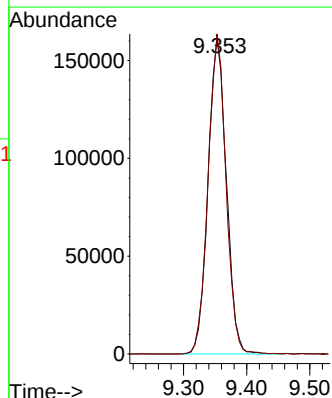
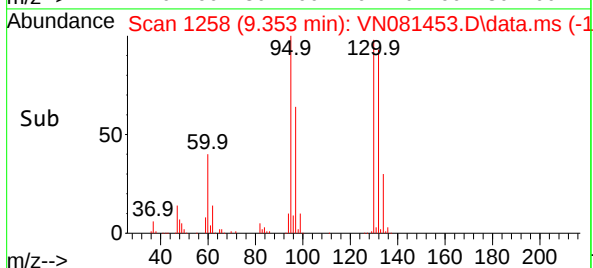
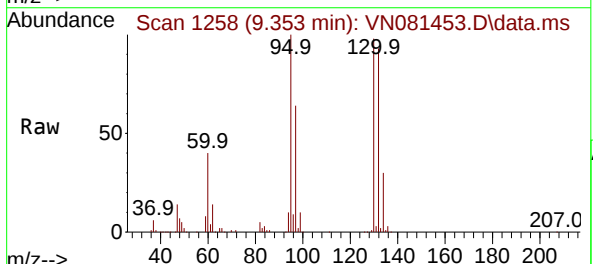
Manual Integrations
APPROVED

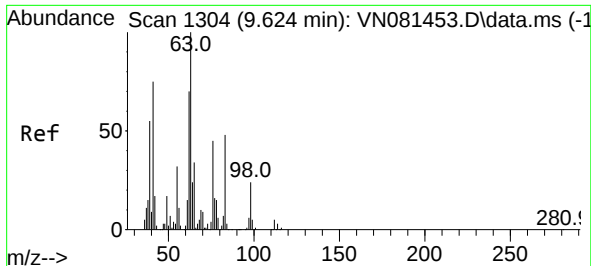
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#44
Trichloroethene
Concen: 49.377 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion:130 Resp: 324515
Ion Ratio Lower Upper
130 100
95 101.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 51.464 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 29145

Ion Ratio Lower Upper

63 100

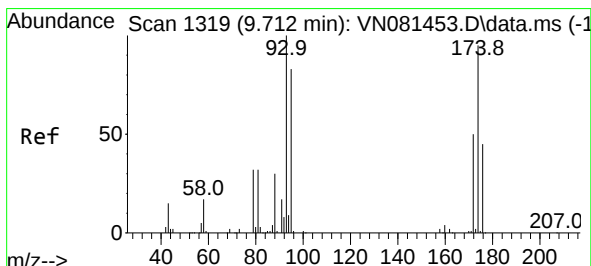
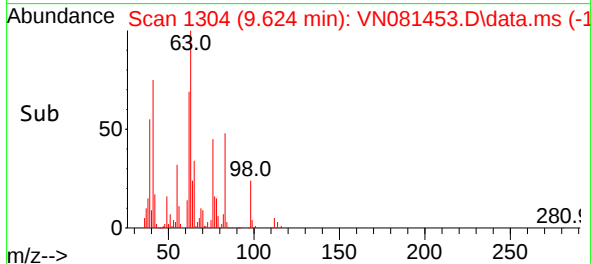
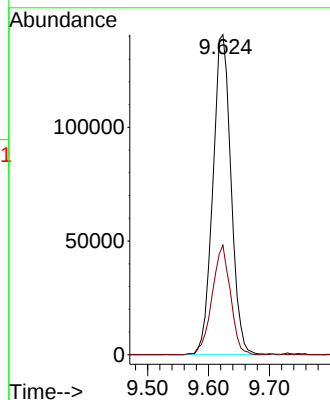
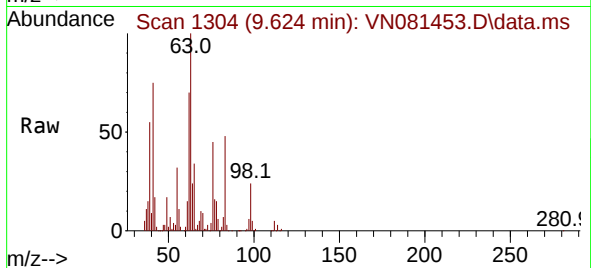
65 34.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#46

Dibromomethane

Concen: 49.386 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

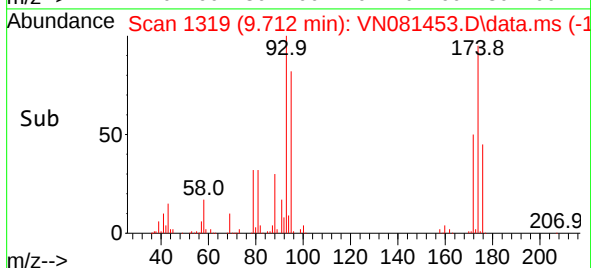
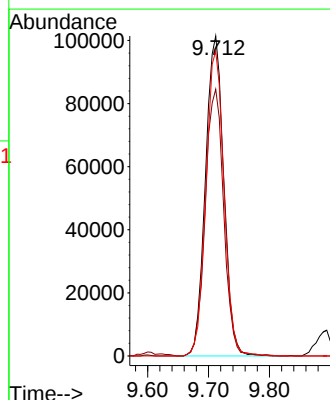
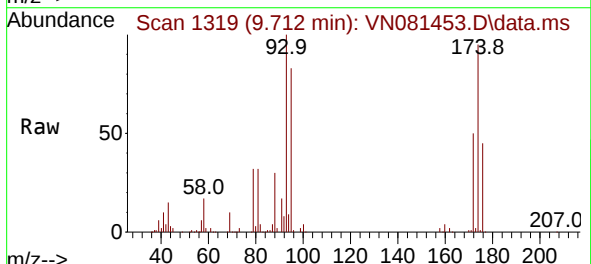
Tgt Ion: 93 Resp: 212397

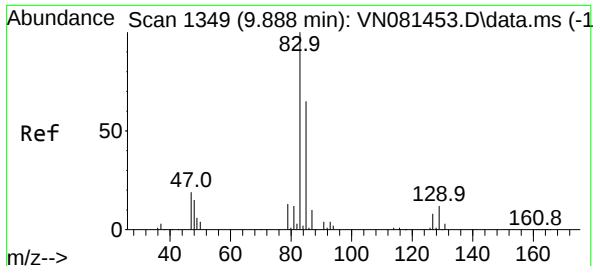
Ion Ratio Lower Upper

93 100

95 84.0 68.1 102.1

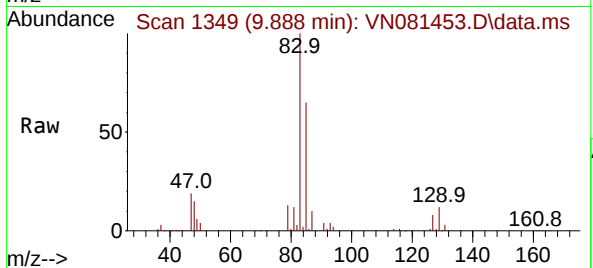
174 94.0 57.2 85.8





#47
Bromodichloromethane
Concen: 51.744 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

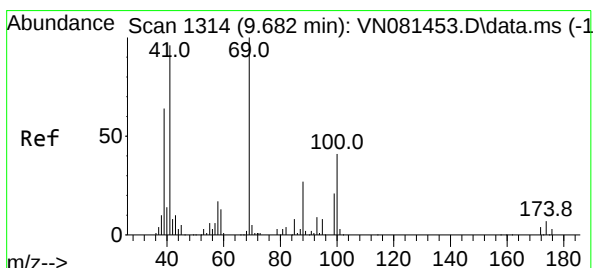
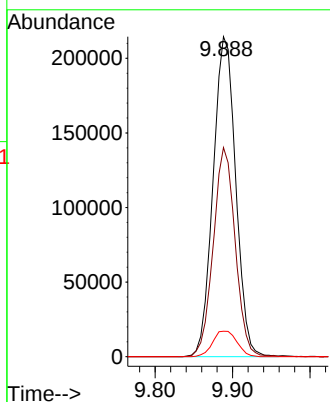
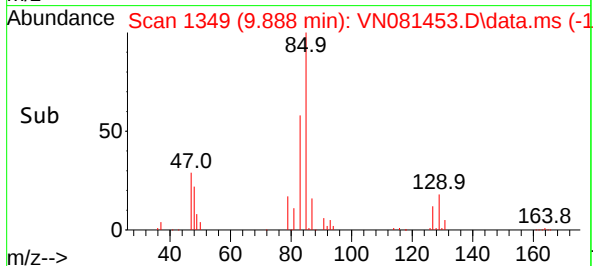
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



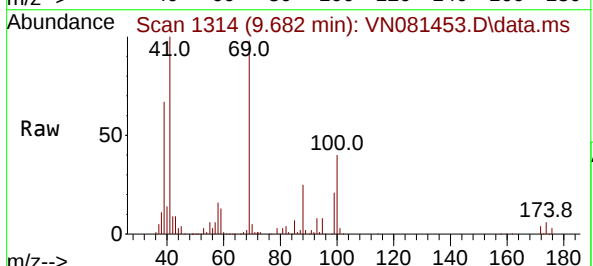
Tgt Ion: 83 Resp: 435104
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 8.0 4.6 7.0

Manual Integrations
APPROVED

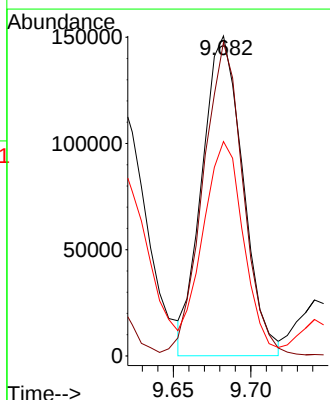
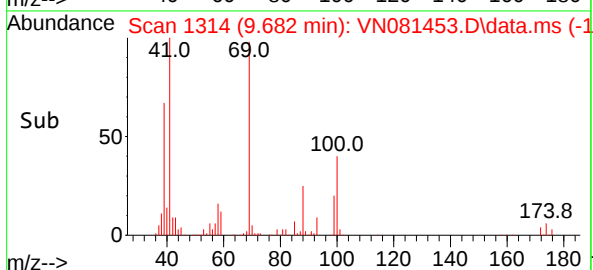
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

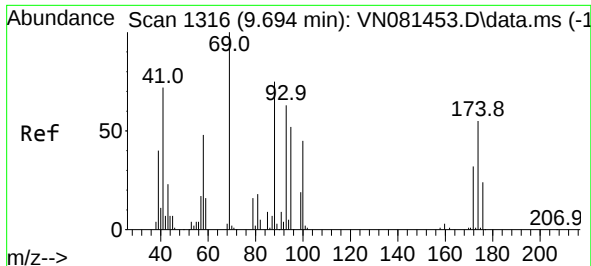


#48
Methyl methacrylate
Concen: 52.752 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



Tgt Ion: 41 Resp: 276044
Ion Ratio Lower Upper
41 100
69 96.0 62.2 93.2
39 67.3 47.6 71.4





#49

1,4-Dioxane

Concen: 1044.721 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 13137

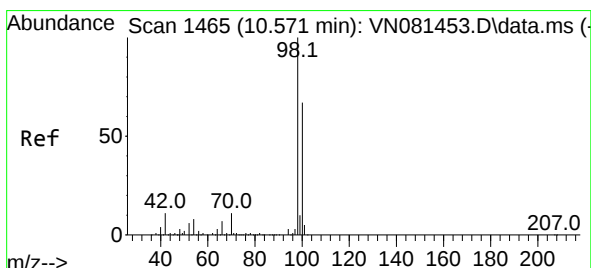
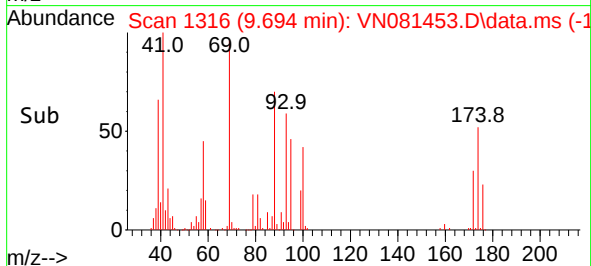
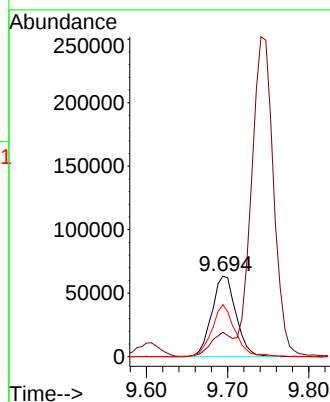
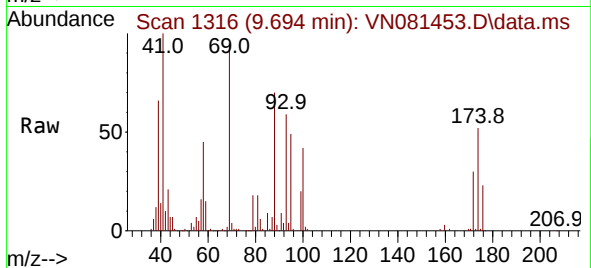
Ion	Ratio	Lower	Upper
88	100		
43	25.4	30.1	45.1
58	62.1	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#50

Toluene-d8

Concen: 53.600 ug/l

RT: 10.571 min Scan# 1465

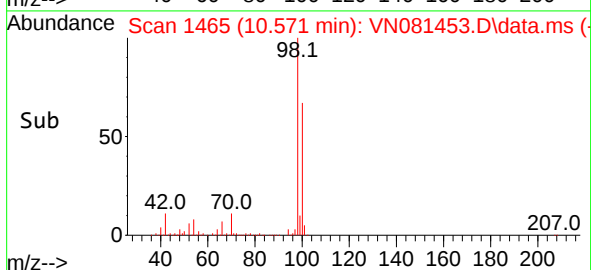
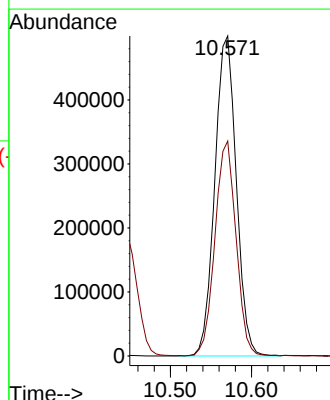
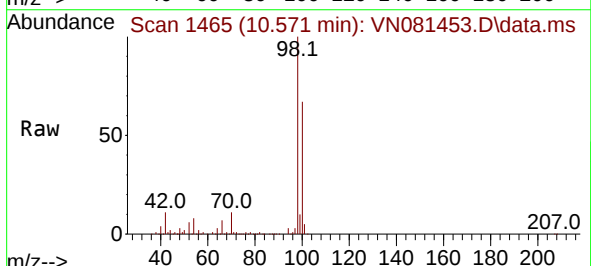
Delta R.T. 0.000 min

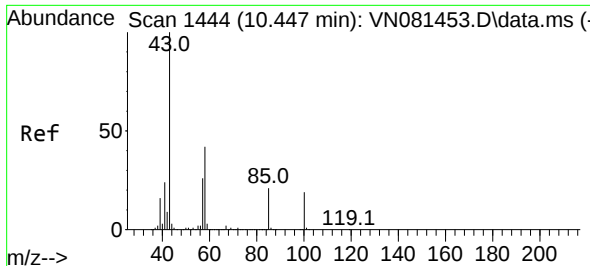
Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Tgt Ion: 98 Resp: 920258

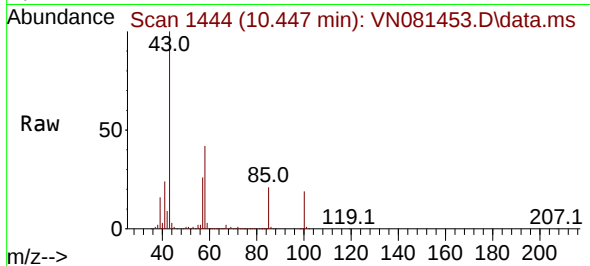
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 263.905 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

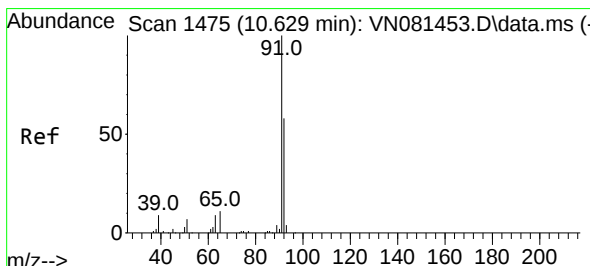
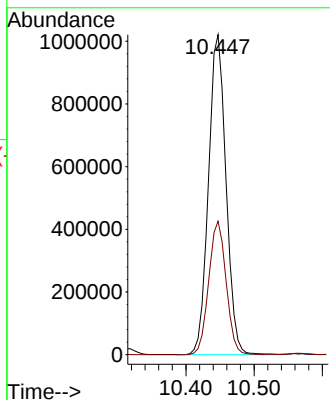
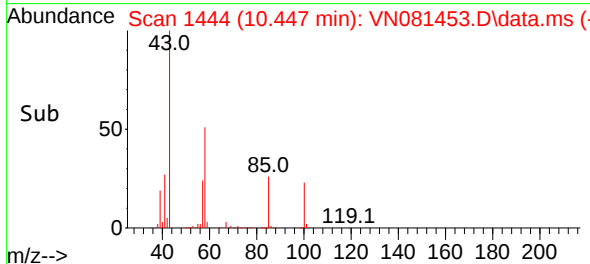
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 182694
Ion Ratio Lower Upper
43 100
58 41.4 29.4 44.0

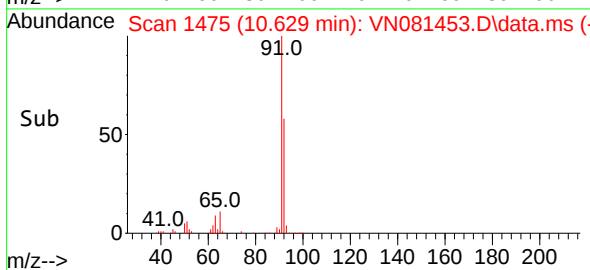
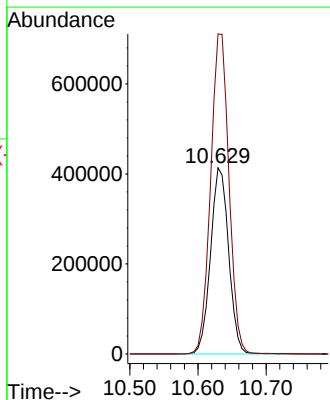
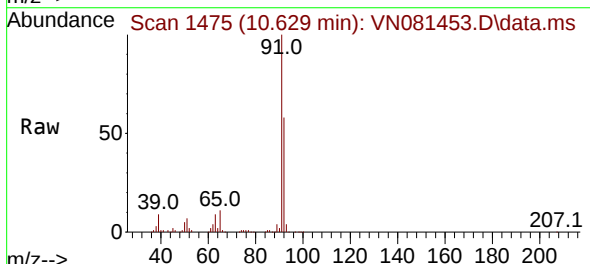
Manual Integrations
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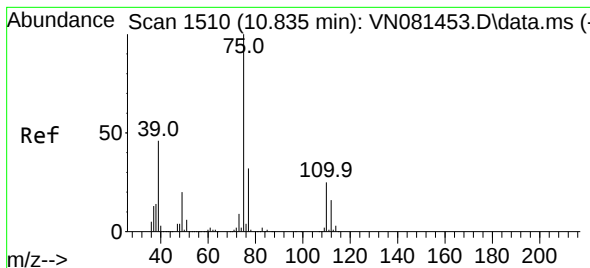
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#52
Toluene
Concen: 51.422 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion: 92 Resp: 763739
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0





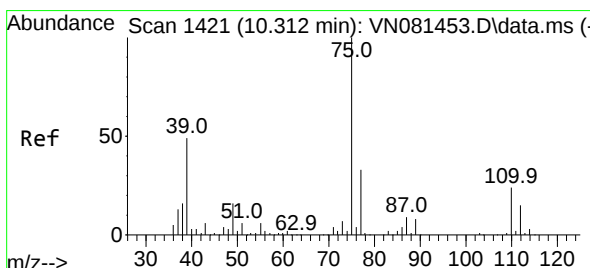
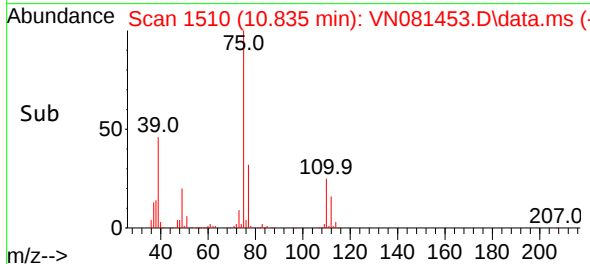
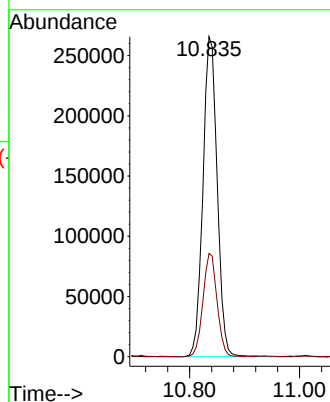
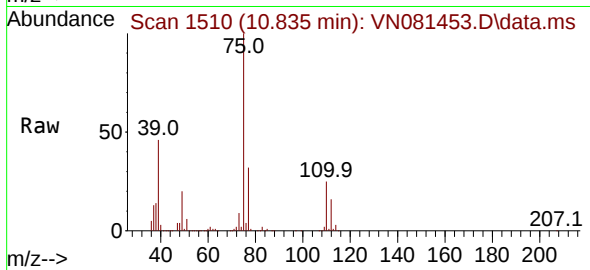
#53
 t-1,3-Dichloropropene
 Concen: 52.534 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 47700
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3

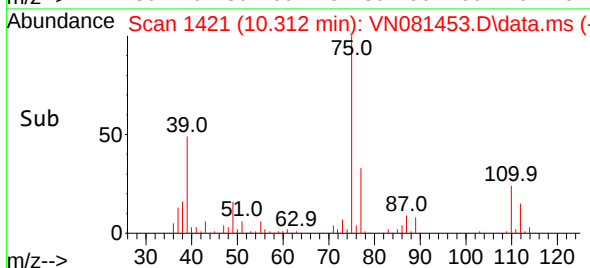
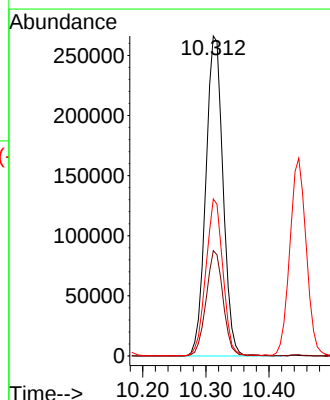
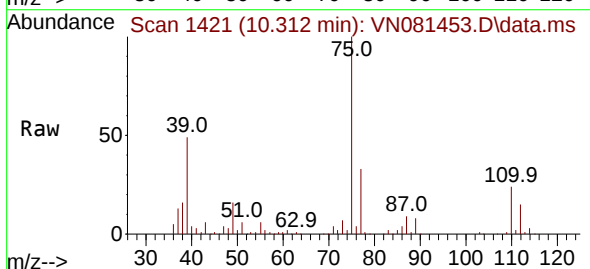
Manual Integrations
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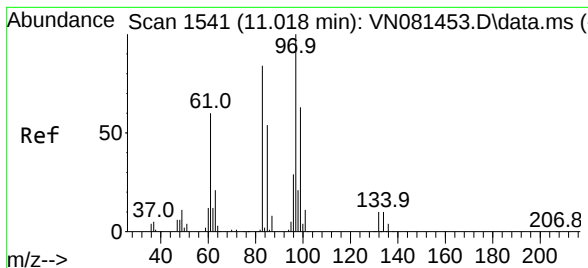
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.785 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

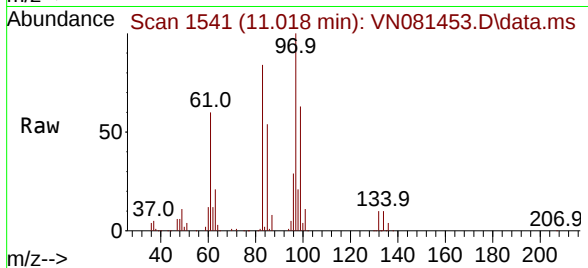
Tgt Ion: 75 Resp: 504136
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.3 34.9
 39 48.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.747 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

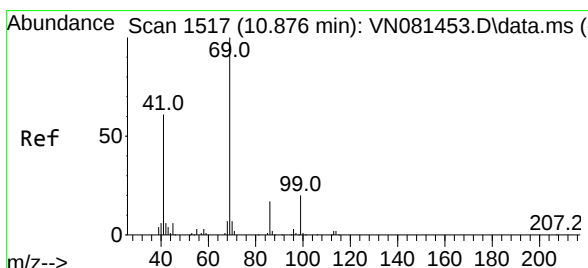
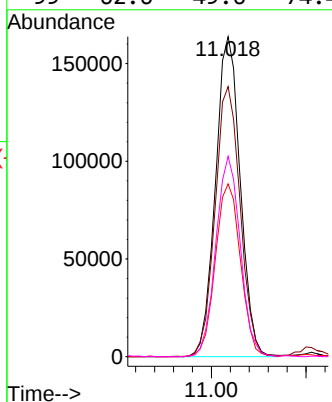
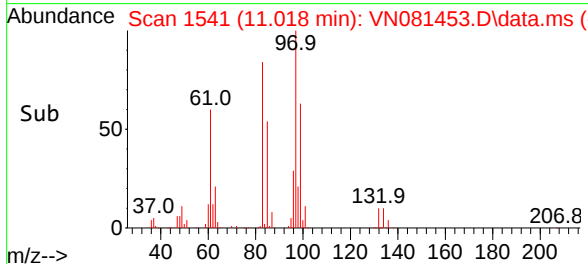
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



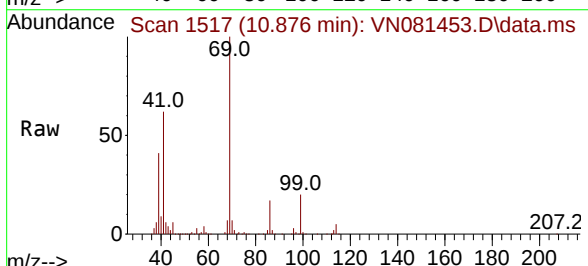
Tgt Ion: 97 Resp: 297348
Ion Ratio Lower Upper
97 100
83 84.2 72.9 109.3
85 54.0 50.2 75.2
99 62.6 49.6 74.4

Manual Integrations
APPROVED

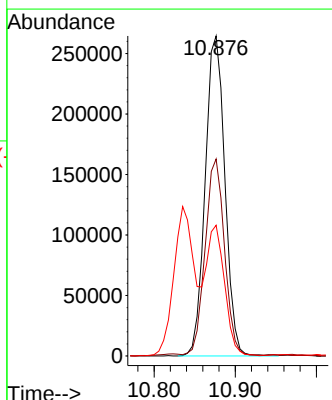
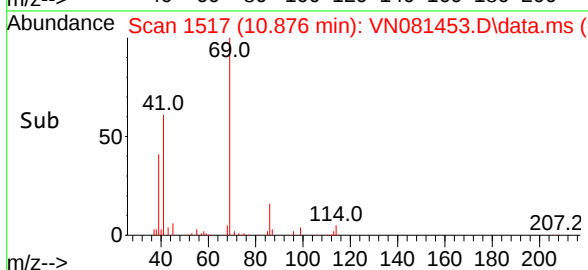
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

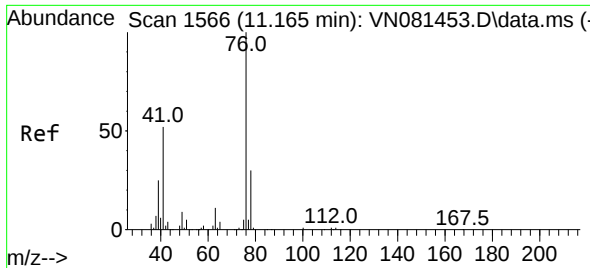


#56
Ethyl methacrylate
Concen: 50.049 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



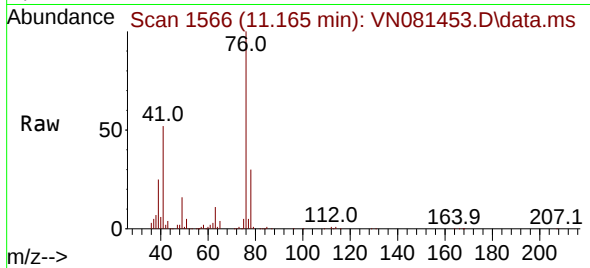
Tgt Ion: 69 Resp: 445358
Ion Ratio Lower Upper
69 100
41 60.5 61.0 91.6#
39 36.4 31.8 47.6





#57
1,3-Dichloropropane
Concen: 51.861 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

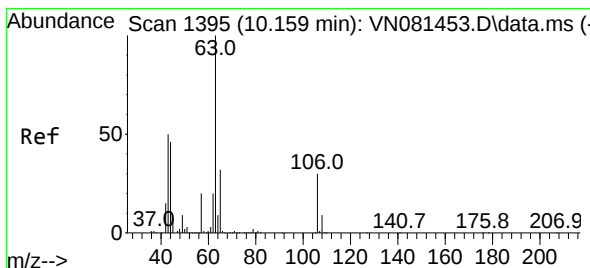
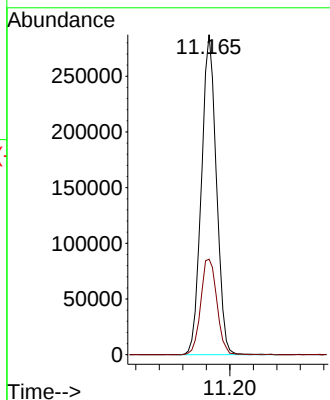
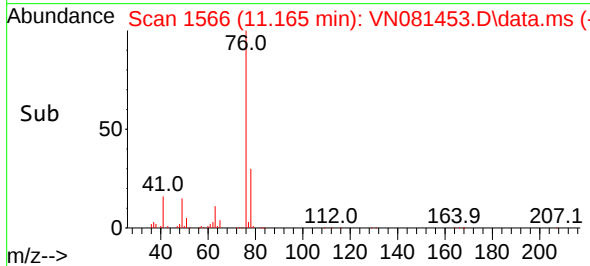
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 50816
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

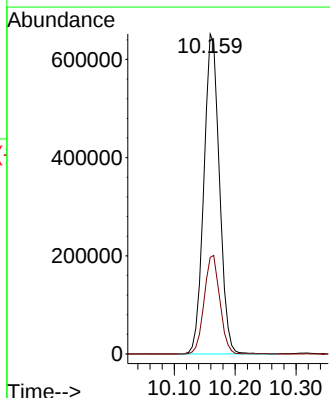
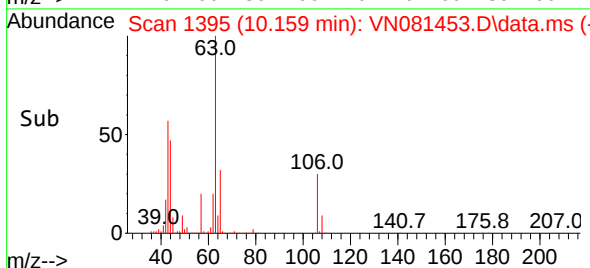
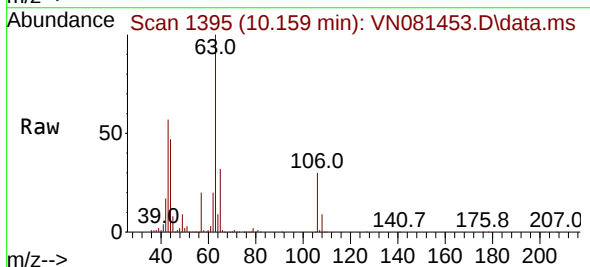
Manual Integrations
APPROVED

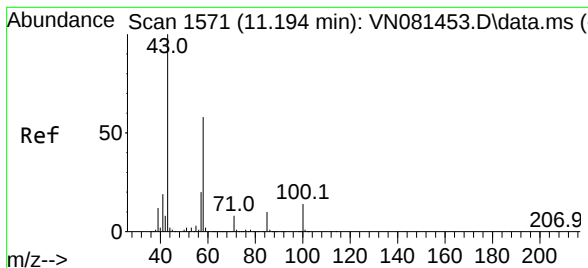
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 308.418 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

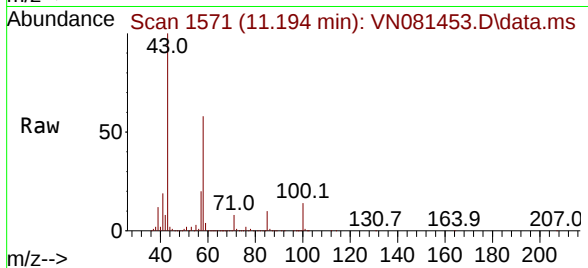
Tgt Ion: 63 Resp: 1159967
Ion Ratio Lower Upper
63 100
106 30.9 18.6 28.0#





#59
2-Hexanone
Concen: 271.111 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

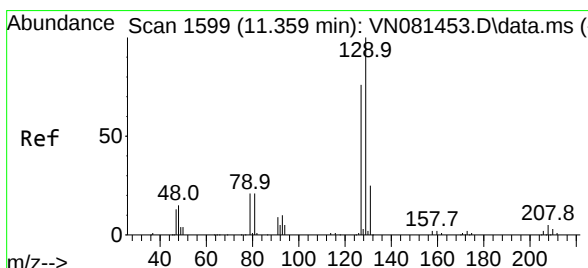
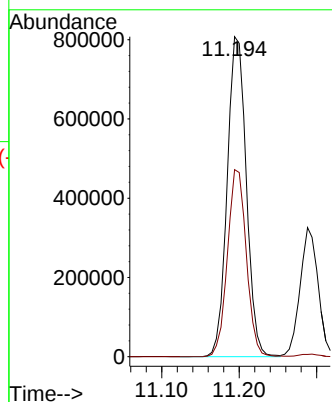
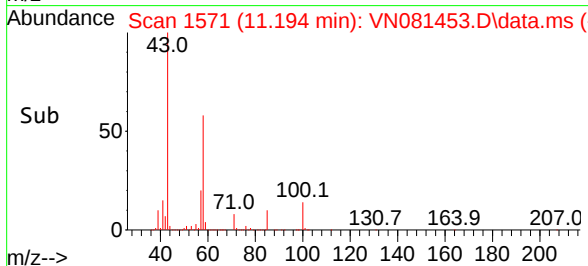
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 138761
Ion Ratio Lower Upper
43 100
58 57.8 25.9 77.8

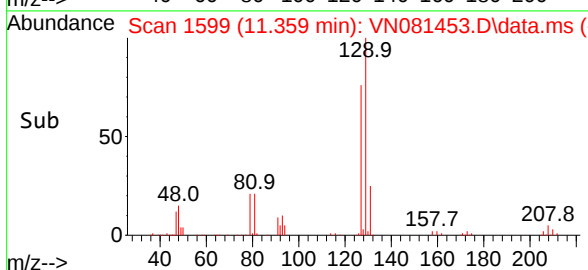
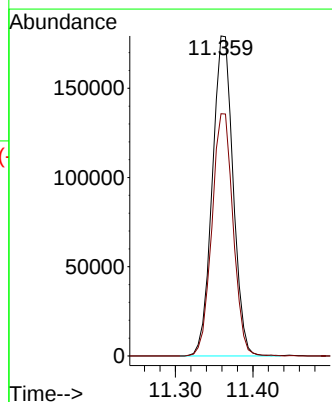
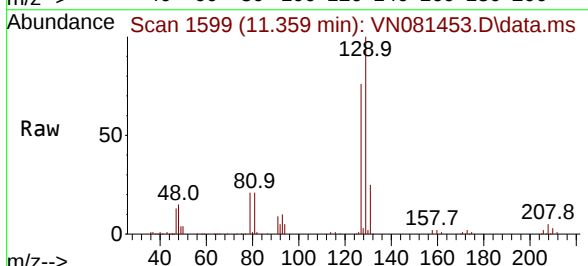
Manual Integrations
APPROVED

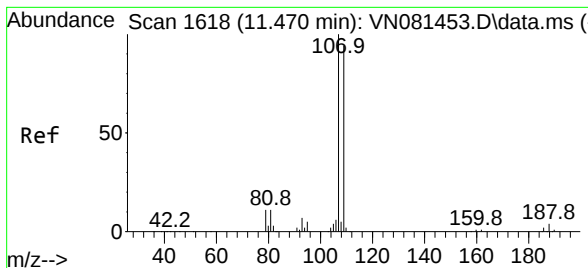
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#60
Dibromochloromethane
Concen: 50.823 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion:129 Resp: 334088
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.2





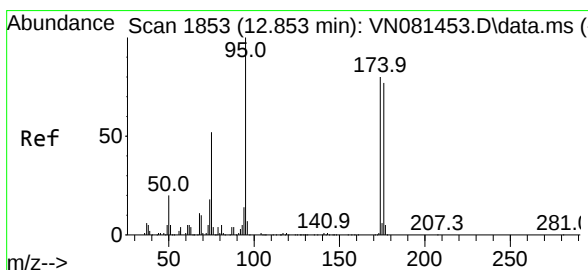
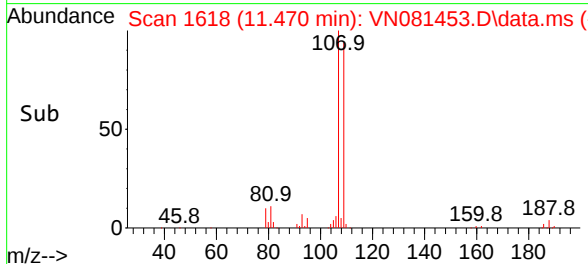
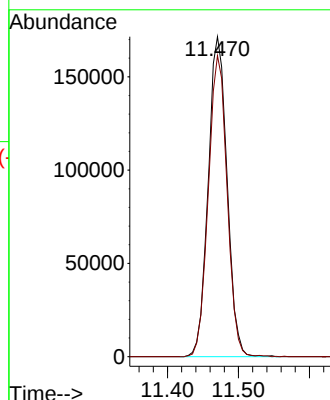
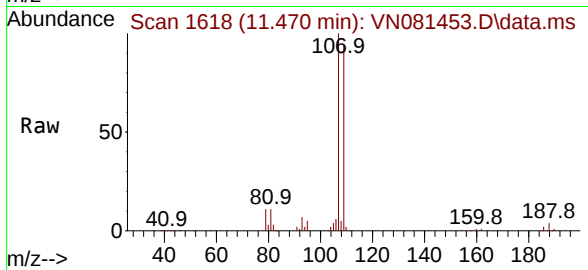
#61
1,2-Dibromoethane
Concen: 51.955 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 316610
Ion Ratio Lower Upper
107 100
109 93.5 73.4 110.2

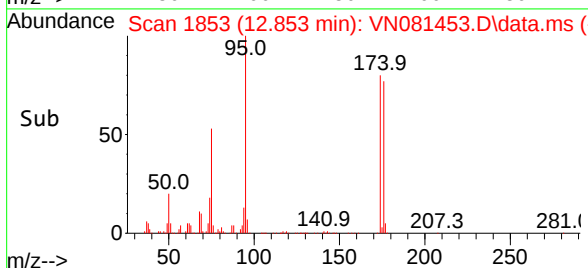
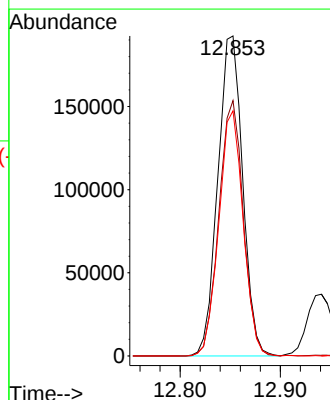
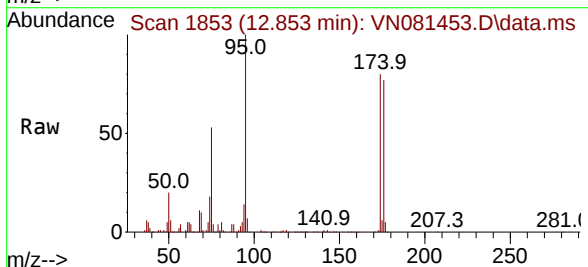
Manual Integrations
APPROVED

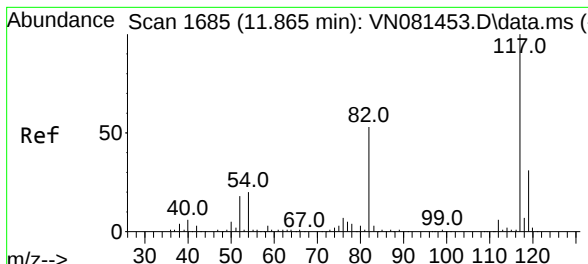
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#62
4-Bromofluorobenzene
Concen: 54.714 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

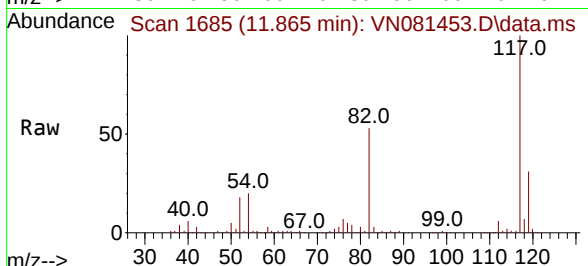
Tgt Ion: 95 Resp: 331004
Ion Ratio Lower Upper
95 100
174 78.3 0.0 120.4
176 75.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

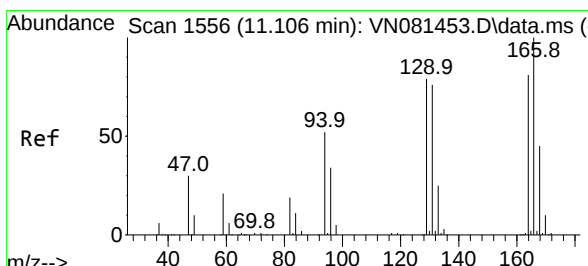
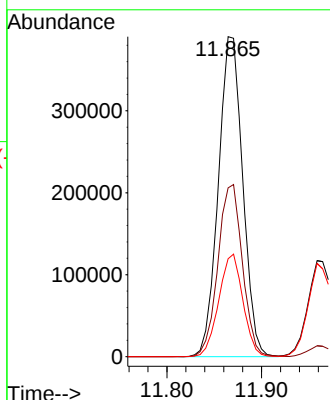
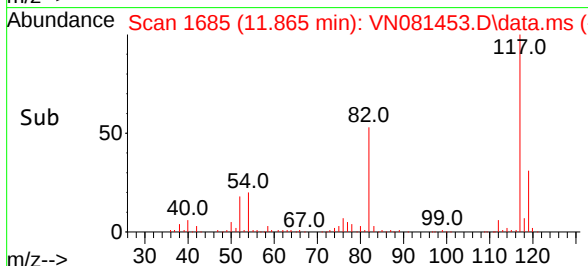
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 699772
Ion Ratio Lower Upper
117 100
82 52.7 52.7 79.1
119 30.6 25.3 37.9

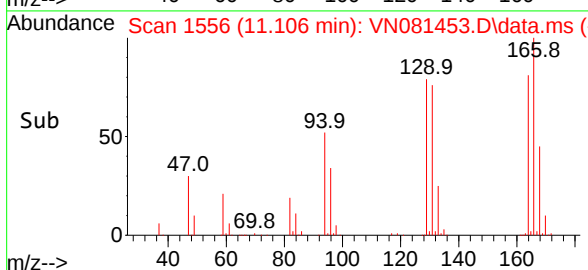
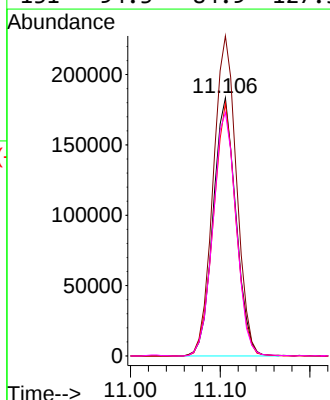
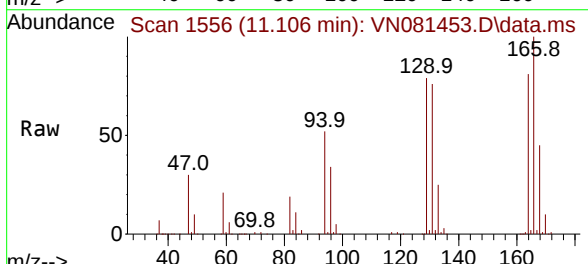
Manual Integrations
APPROVED

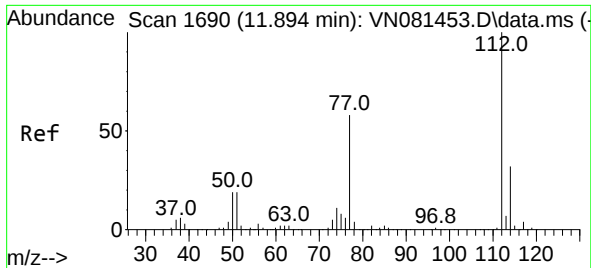
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#64
Tetrachloroethene
Concen: 48.333 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

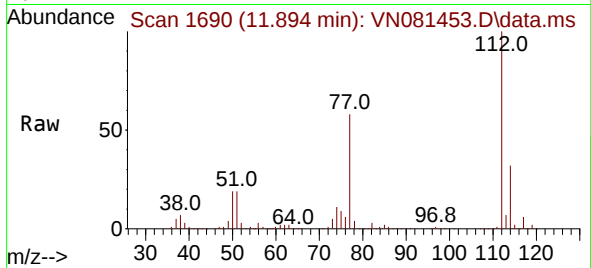
Tgt Ion:164 Resp: 323298
Ion Ratio Lower Upper
164 100
166 124.0 105.8 158.6
129 97.9 89.6 134.4
131 94.3 84.9 127.3





#65
Chlorobenzene
Concen: 49.406 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

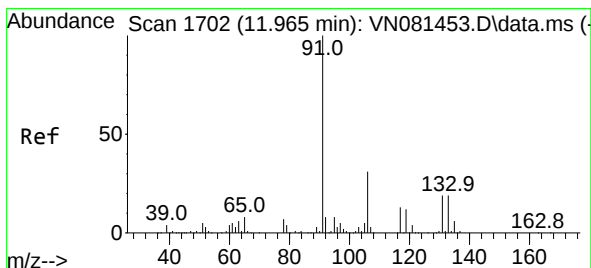
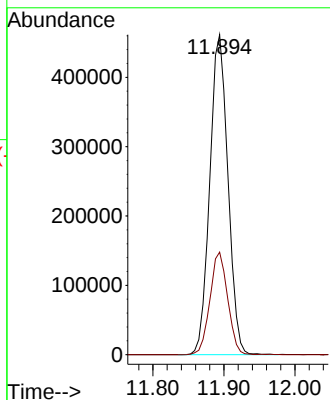
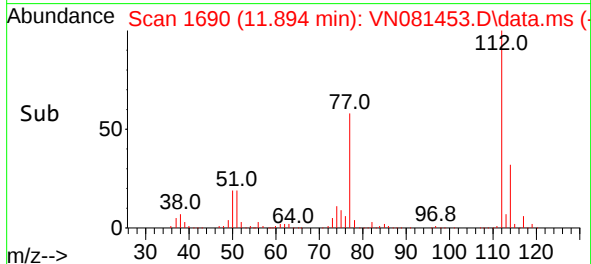
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



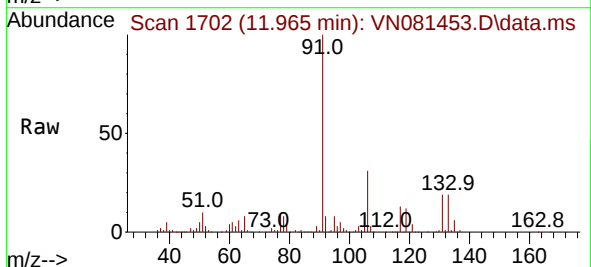
Tgt Ion:112 Resp: 81730
Ion Ratio Lower Upper
112 100
114 32.0 23.7 35.5

Manual Integrations
APPROVED

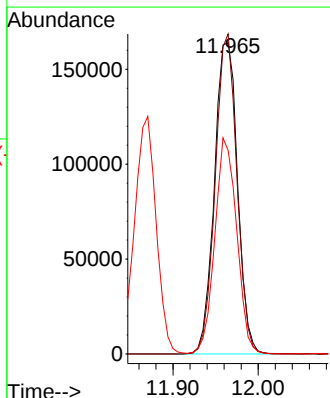
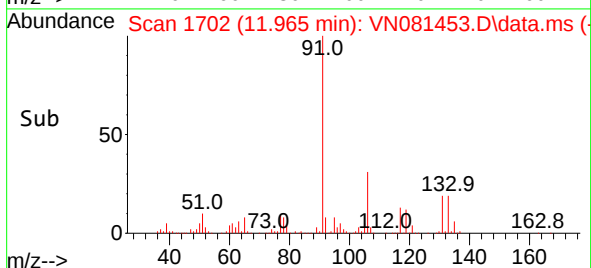
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

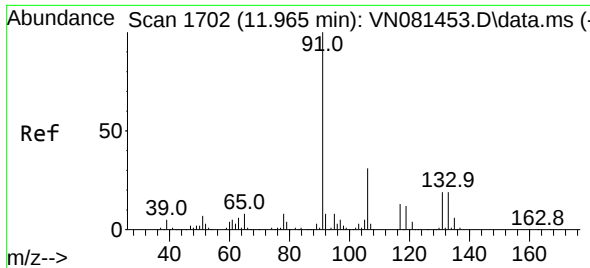


#66
1,1,1,2-Tetrachloroethane
Concen: 50.574 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



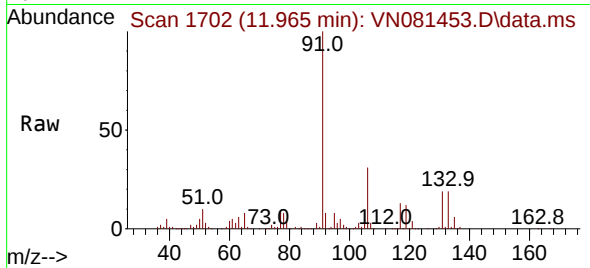
Tgt Ion:131 Resp: 310074
Ion Ratio Lower Upper
131 100
133 96.1 46.8 140.3
119 65.8 34.6 103.9





#67
Ethyl Benzene
Concen: 52.108 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

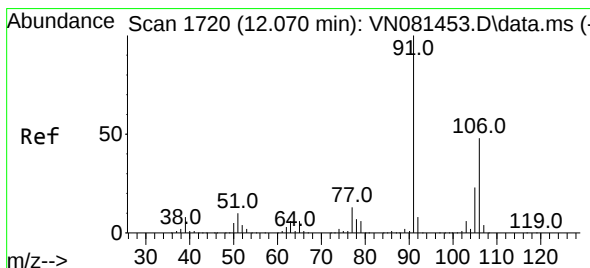
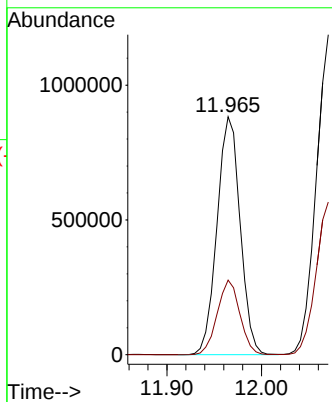
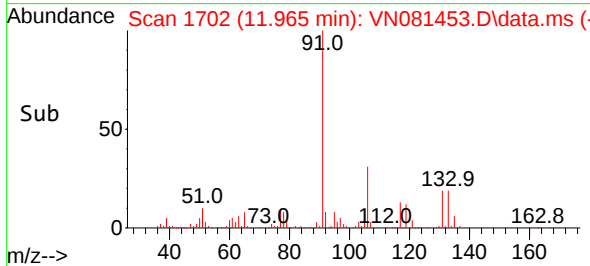
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



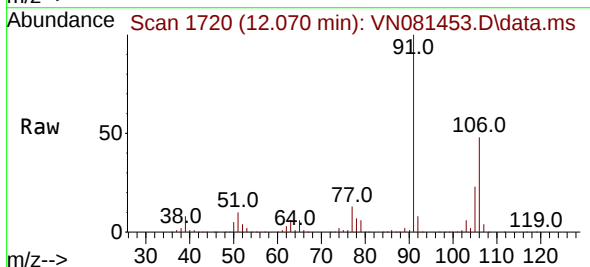
Tgt Ion: 91 Resp: 149735
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

Manual Integrations
APPROVED

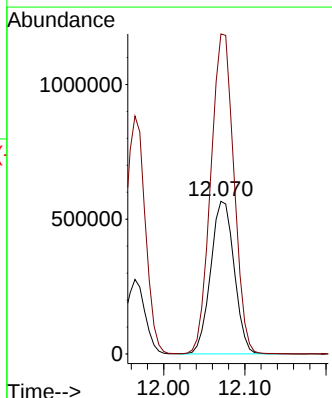
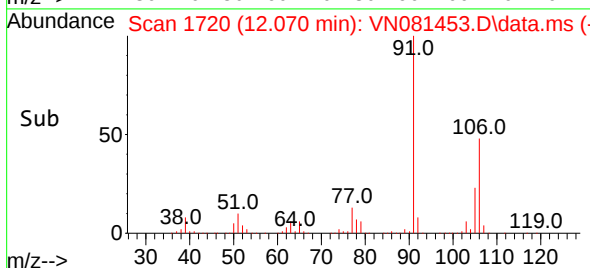
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

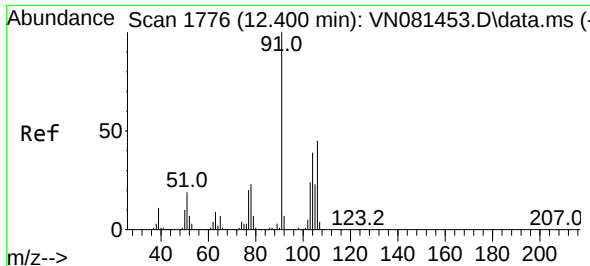


#68
m/p-Xylenes
Concen: 105.794 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



Tgt Ion:106 Resp: 1139671
Ion Ratio Lower Upper
106 100
91 206.9 169.0 253.6





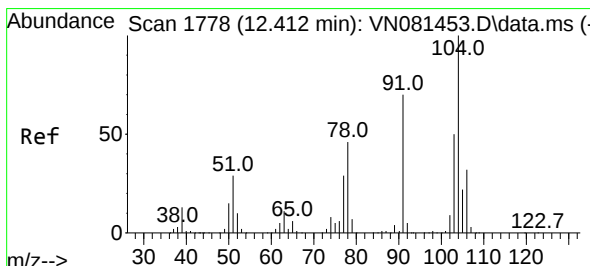
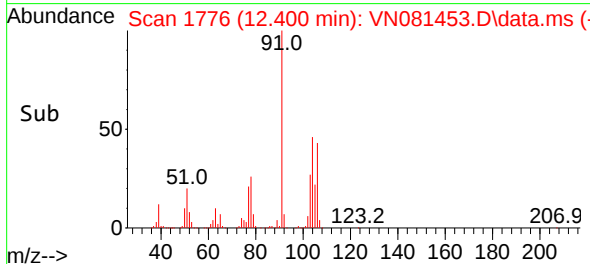
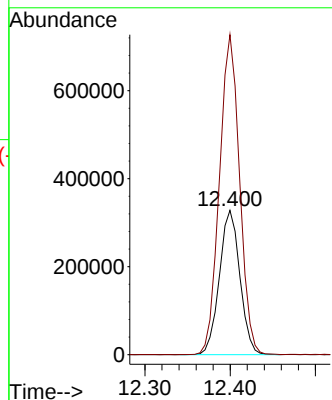
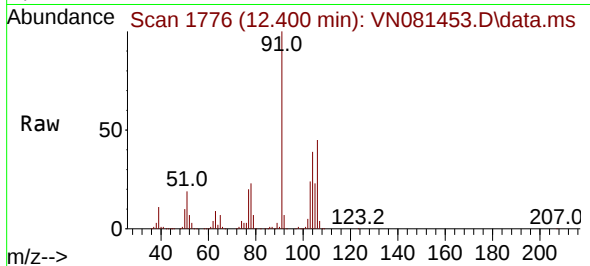
#69
o-Xylene
Concen: 51.929 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 54918
Ion Ratio Lower Upper
106 100
91 218.1 112.1 336.3

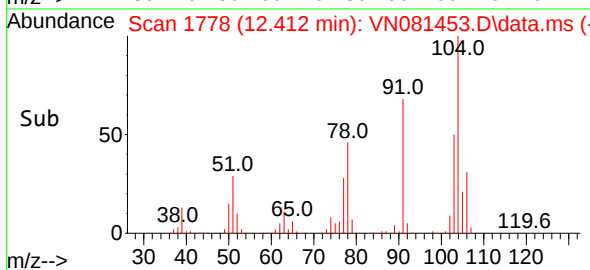
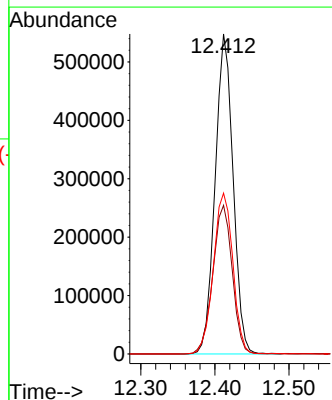
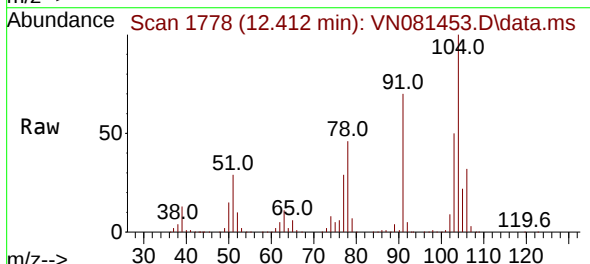
Manual Integrations
APPROVED

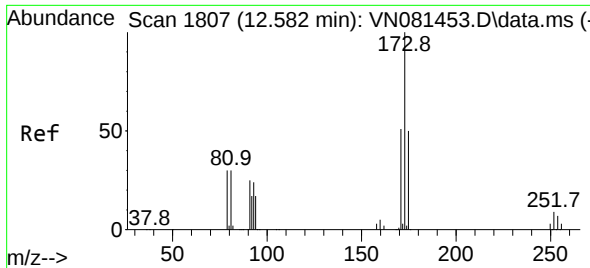
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#70
Styrene
Concen: 54.036 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

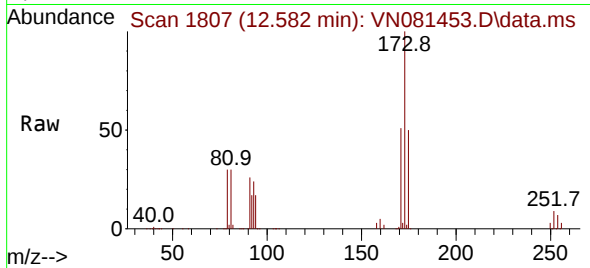
Tgt Ion:104 Resp: 921668
Ion Ratio Lower Upper
104 100
78 50.3 43.8 65.8
103 54.6 44.2 66.2





#71
Bromoform
Concen: 51.179 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

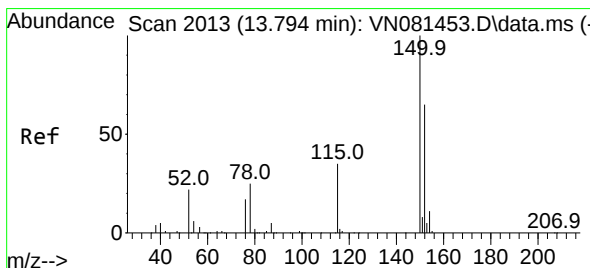
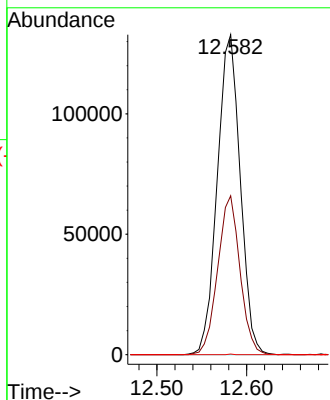
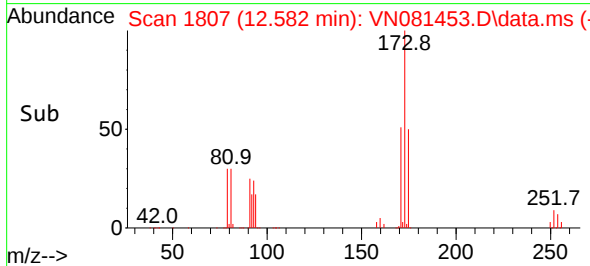
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



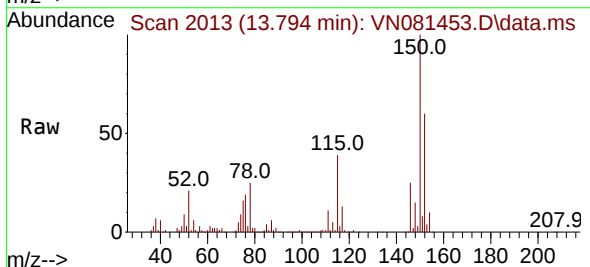
Tgt Ion:173 Resp: 235790
Ion Ratio Lower Upper
173 100
175 48.2 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

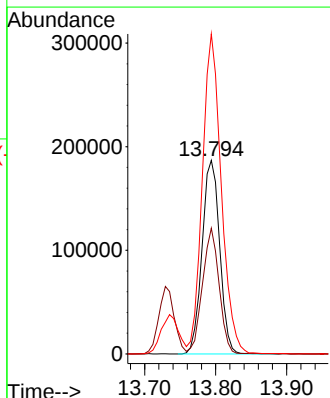
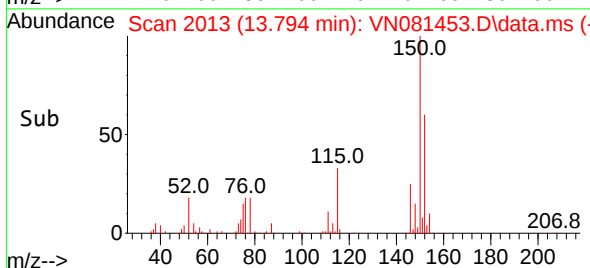
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

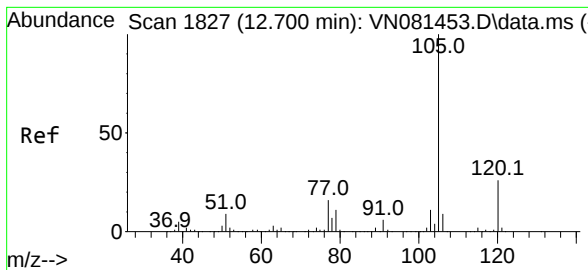


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



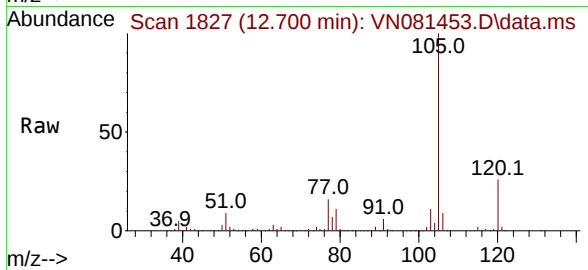
Tgt Ion:152 Resp: 322718
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 176.8 0.0 339.8





#73
Isopropylbenzene
Concen: 53.376 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

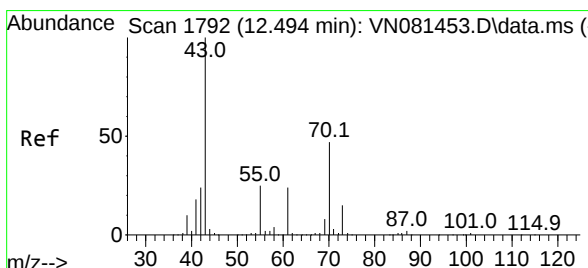
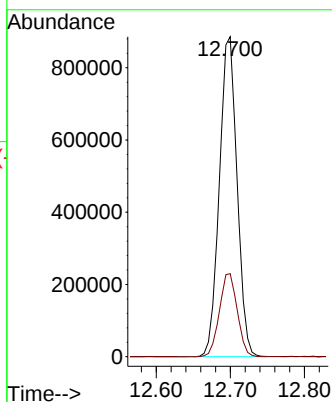
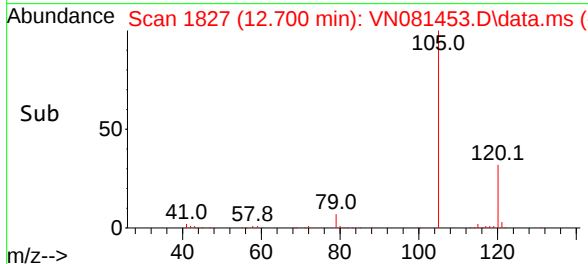
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 1468300
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

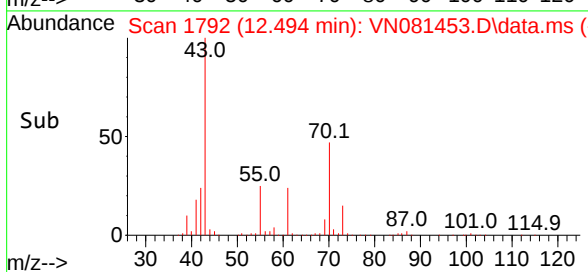
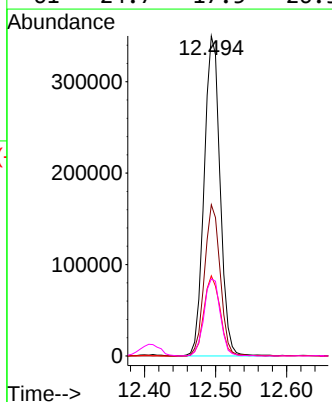
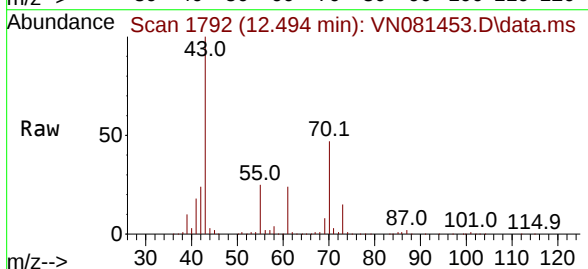
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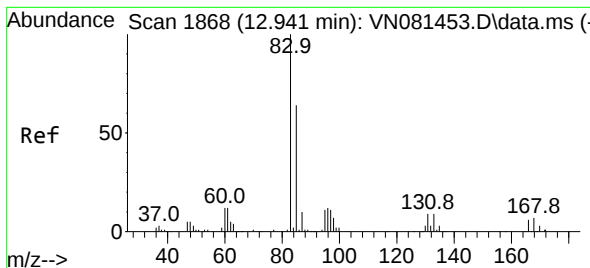
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#74
N-ethyl acetate
Concen: 55.050 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Tgt Ion: 43 Resp: 548031
Ion Ratio Lower Upper
43 100
70 46.4 30.1 45.1#
55 25.6 17.0 25.4#
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.357 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

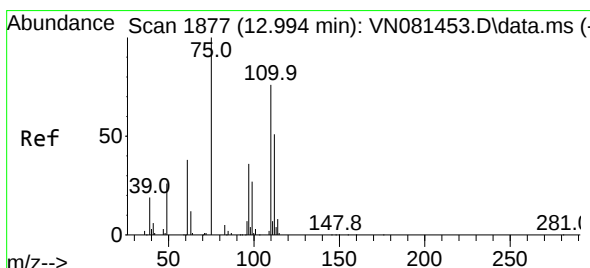
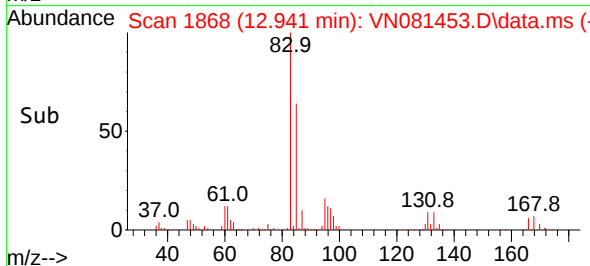
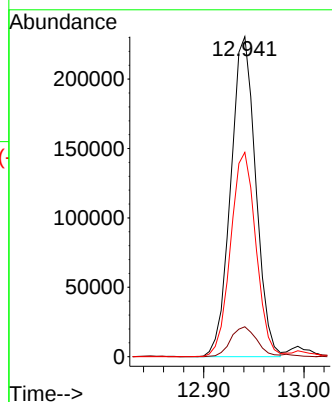
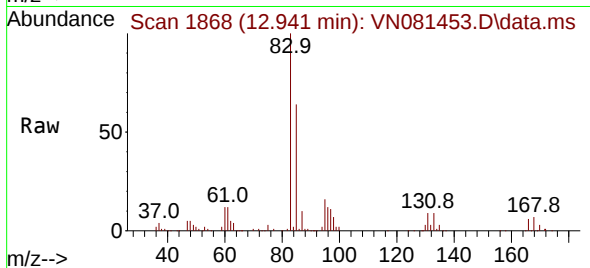
Tgt Ion:	83	Resp:	39920
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.1	12.3
85	64.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#76

1,2,3-Trichloropropane

Concen: 49.321 ug/l m

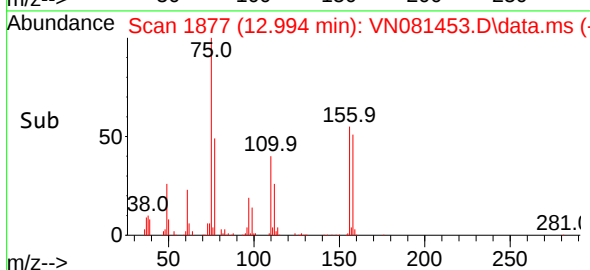
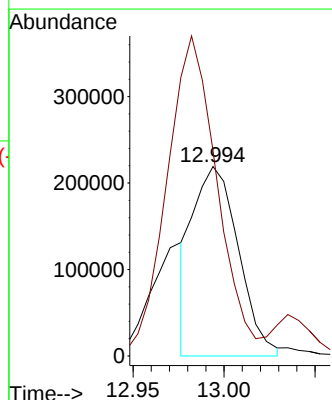
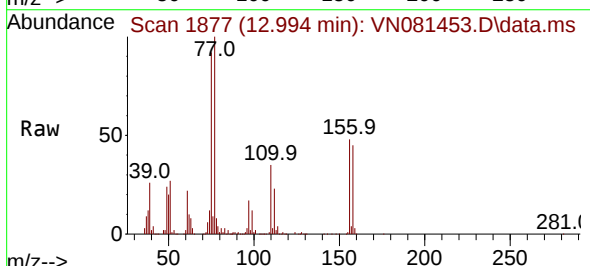
RT: 12.994 min Scan# 1877

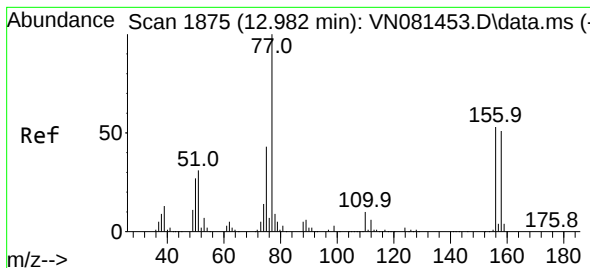
Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Tgt Ion:	75	Resp:	379870
Ion Ratio	Lower	Upper	
75	100		
77	186.7	91.0	272.8





#77

Bromobenzene

Concen: 49.797 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081453.D

Acq: 18 Mar 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 33839

Ion Ratio Lower Upper

156 100

77 209.6 138.1 414.3

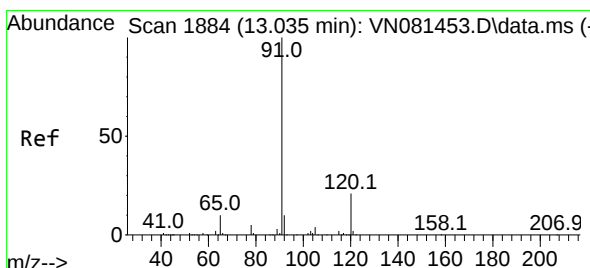
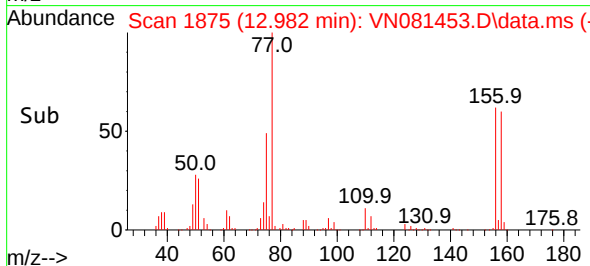
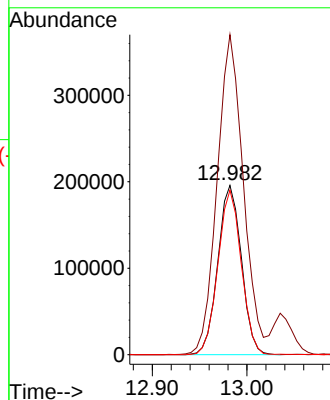
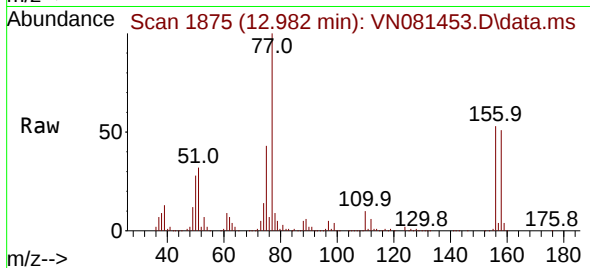
158 96.5 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#78

n-propylbenzene

Concen: 54.133 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081453.D

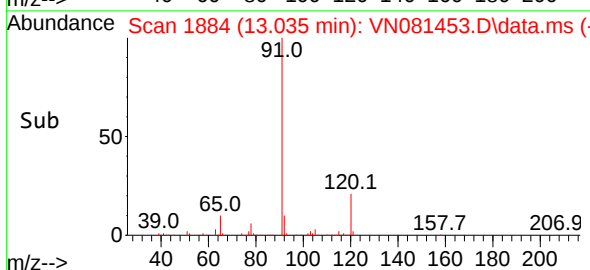
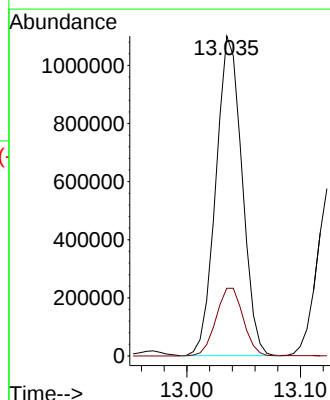
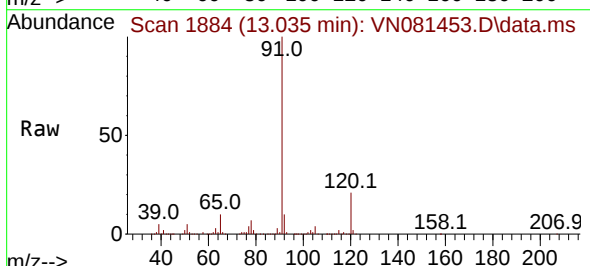
Acq: 18 Mar 2024 16:27

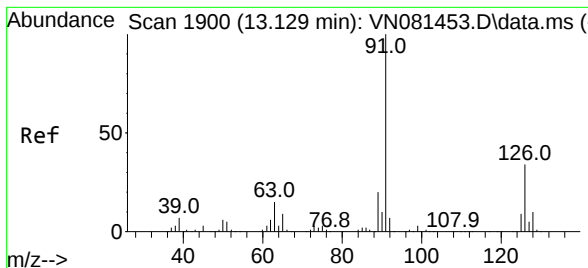
Tgt Ion: 91 Resp: 1758604

Ion Ratio Lower Upper

91 100

120 22.1 10.3 30.9





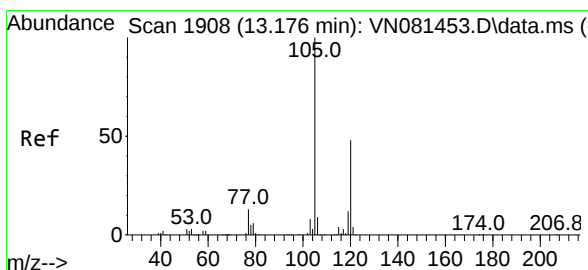
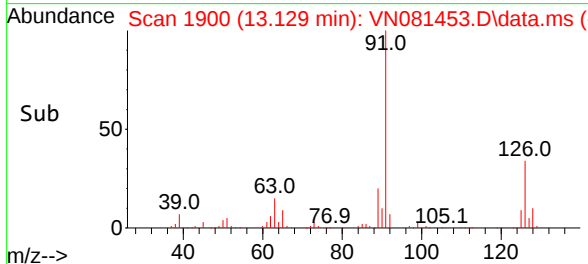
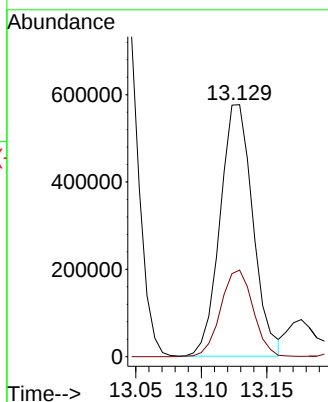
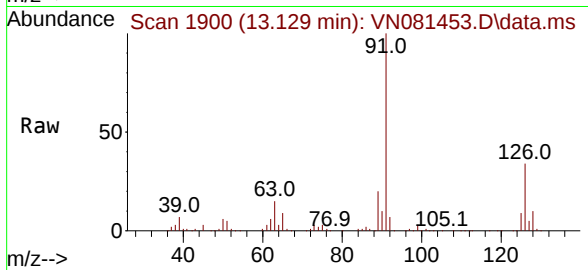
#79
2-Chlorotoluene
Concen: 51.782 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1006820
Ion Ratio Lower Upper
91 100
126 33.8 14.8 44.4

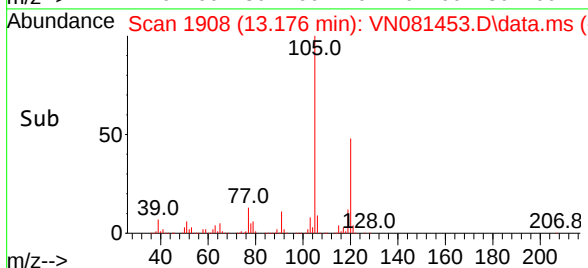
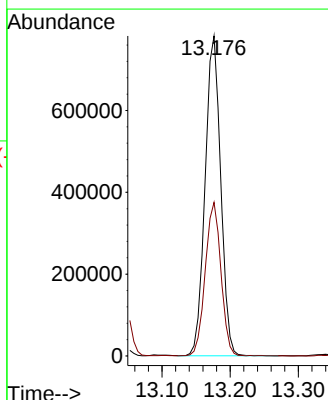
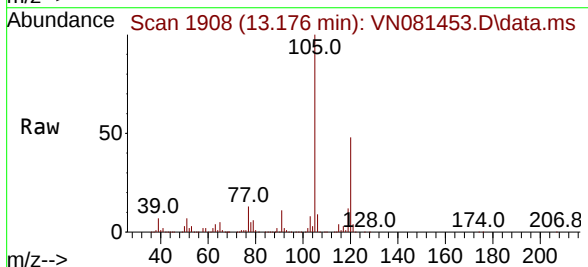
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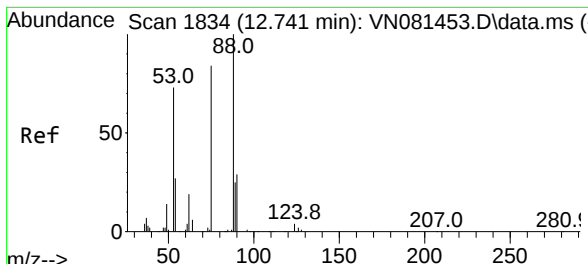
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.762 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

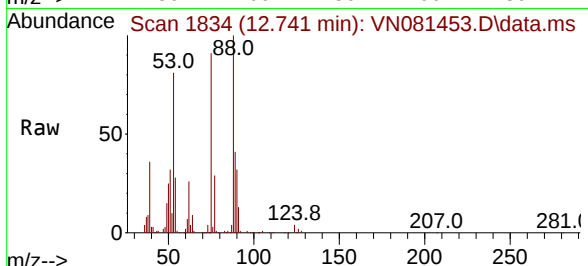
Tgt Ion:105 Resp: 1244253
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.207 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

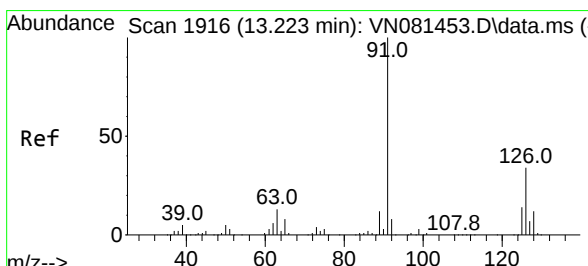
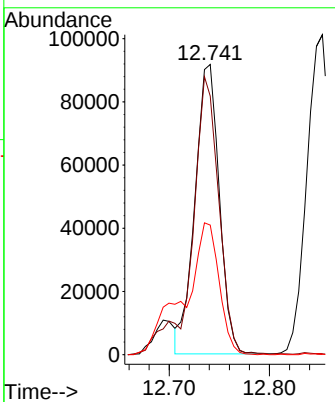
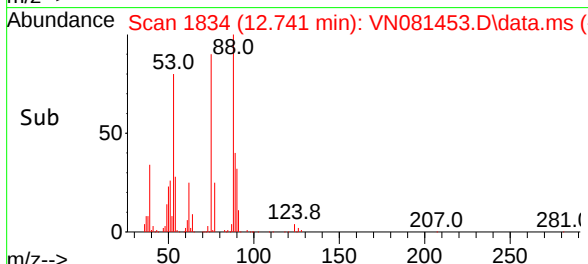


Tgt Ion: 75 Resp: 154850

Ion	Ratio	Lower	Upper
75	100		
53	105.4	71.4	107.2
89	66.0	33.4	50.0

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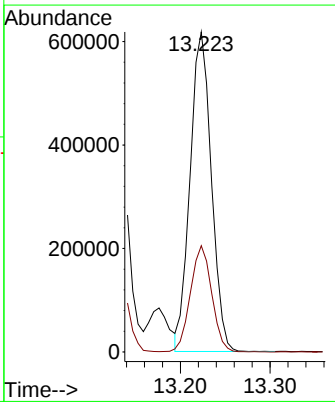
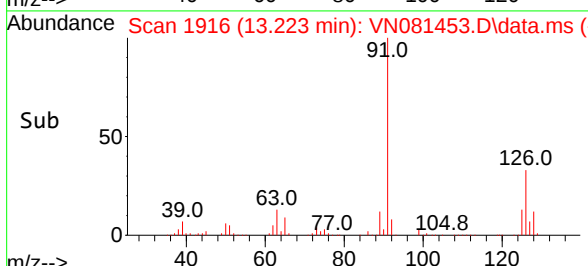
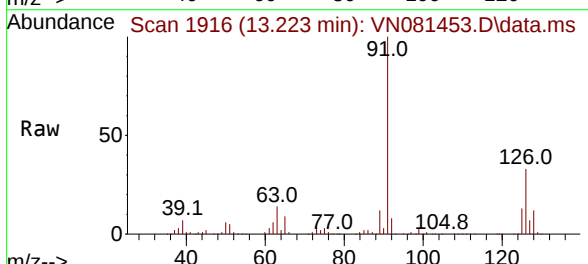
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024

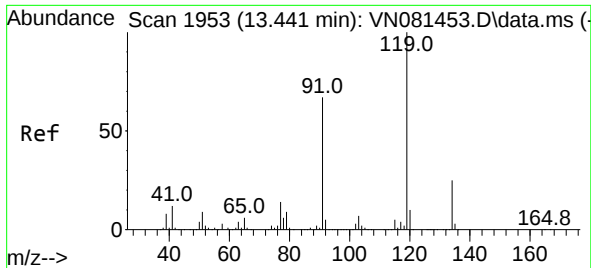


#82
 4-Chlorotoluene
 Concen: 52.983 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

Tgt Ion: 91 Resp: 1015660

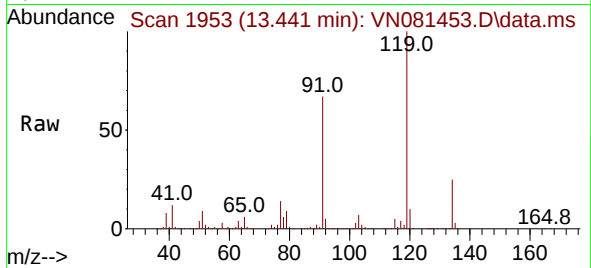
Ion	Ratio	Lower	Upper
91	100		
126	33.3	15.3	45.9





#83
tert-Butylbenzene
Concen: 53.214 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

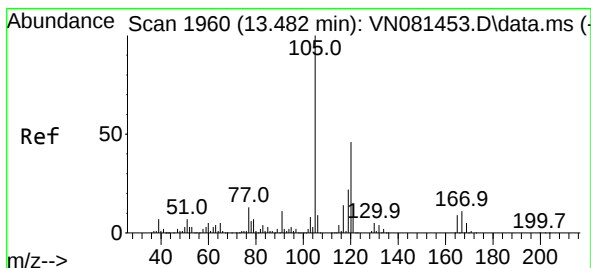
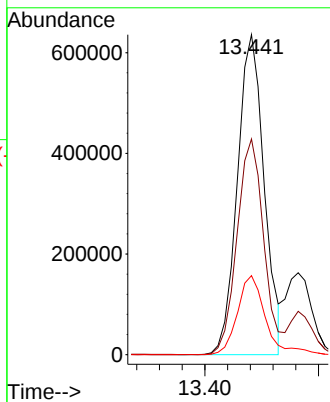
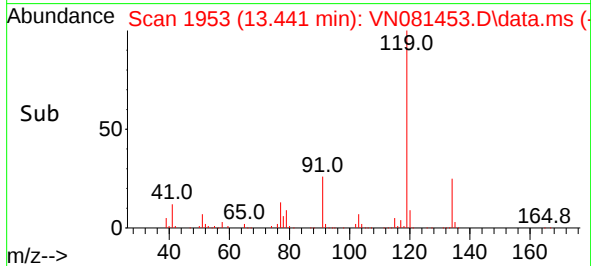
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



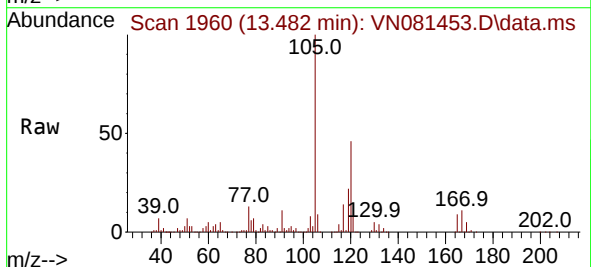
Tgt Ion:119 Resp: 1042629
Ion Ratio Lower Upper
119 100
91 67.9 36.8 110.4
134 26.0 12.4 37.4

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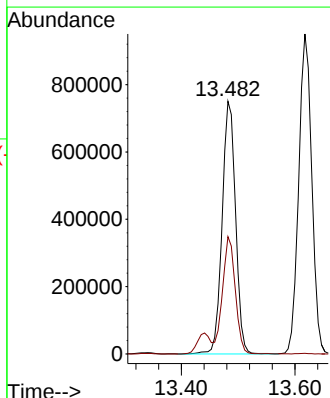
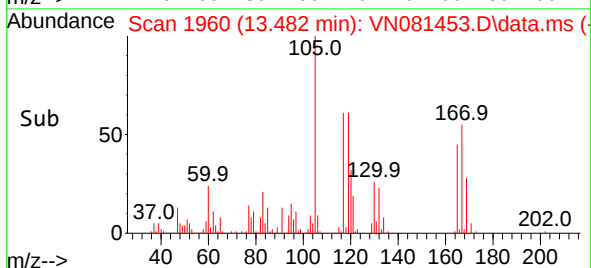
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

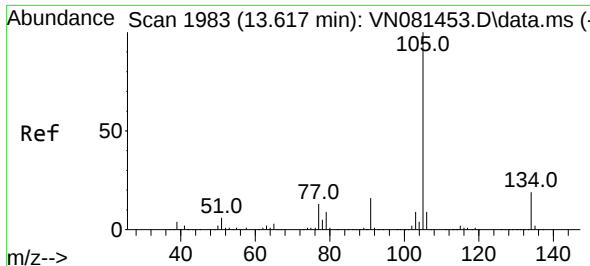


#84
1,2,4-Trimethylbenzene
Concen: 54.088 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



Tgt Ion:105 Resp: 1235165
Ion Ratio Lower Upper
105 100
120 44.7 20.9 62.7





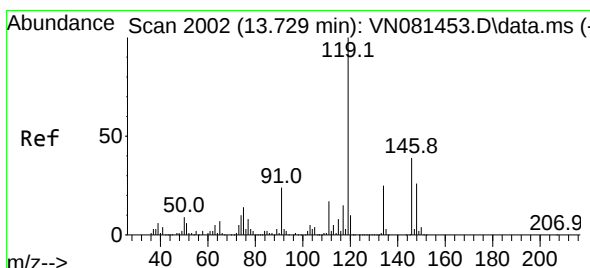
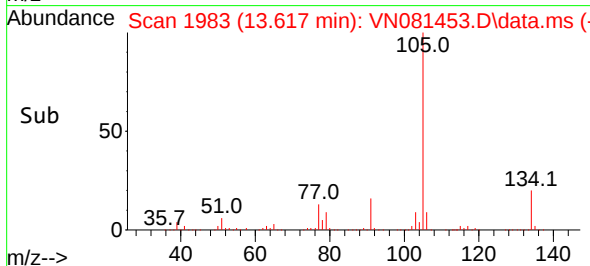
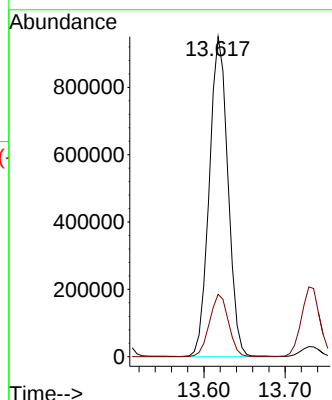
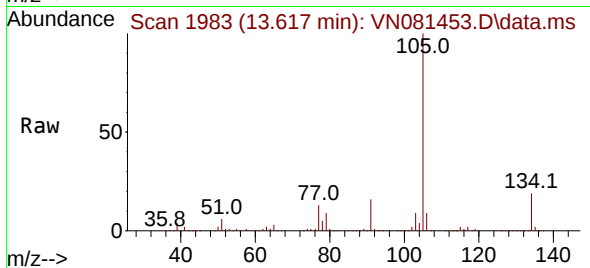
#85
 sec-Butylbenzene
 Concen: 54.079 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 1514692
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

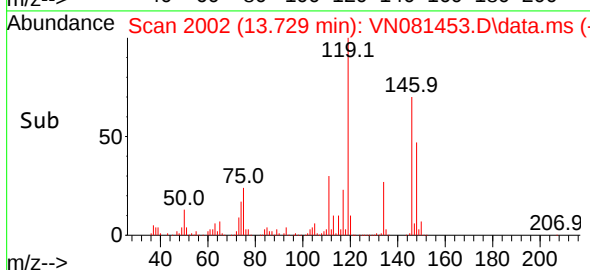
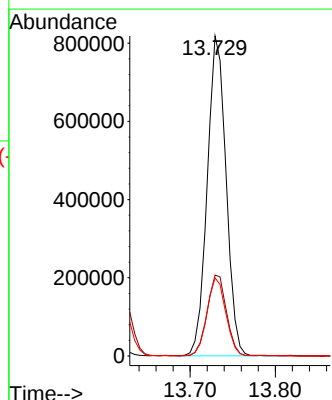
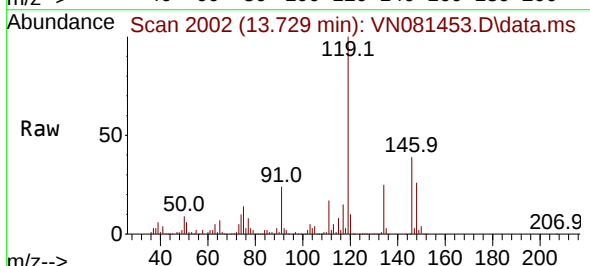
Manual Integrations
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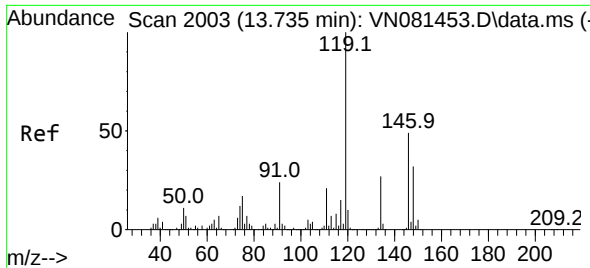
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#86
 p-Isopropyltoluene
 Concen: 54.785 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

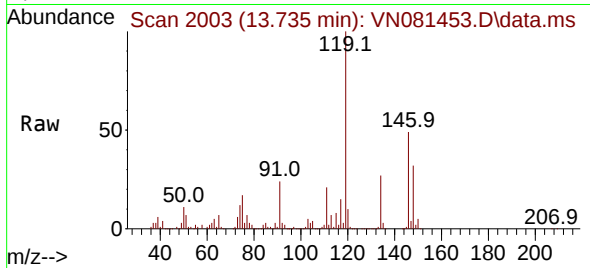
Tgt Ion:119 Resp: 1254333
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 24.4 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 49.802 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

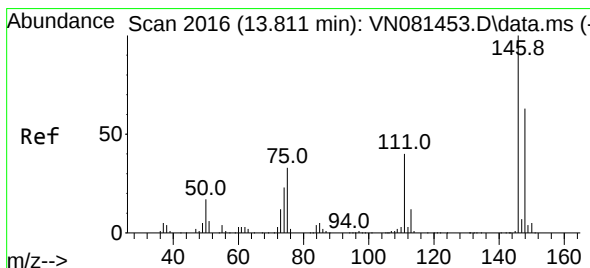
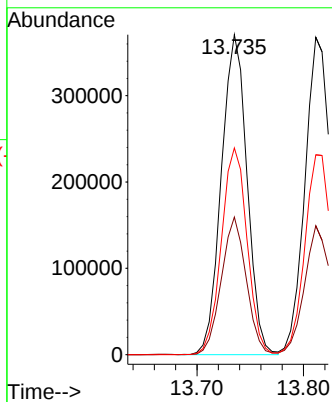
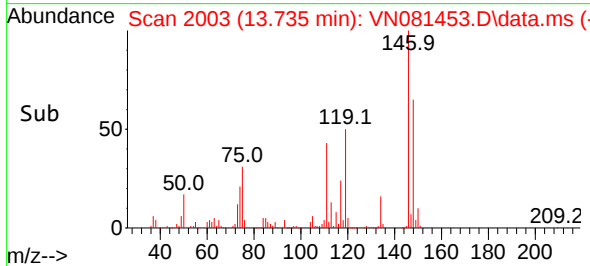
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



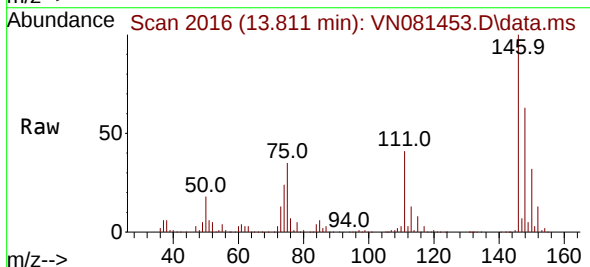
Tgt Ion:146 Resp: 621798
 Ion Ratio Lower Upper
 146 100
 111 41.8 23.9 71.7
 148 64.6 32.6 97.7

Manual Integrations
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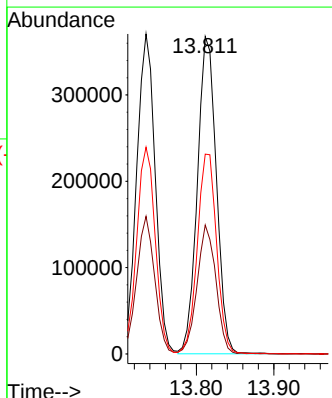
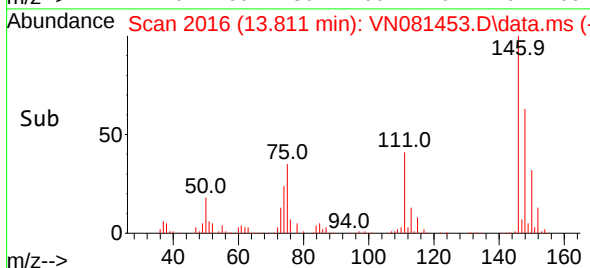
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024

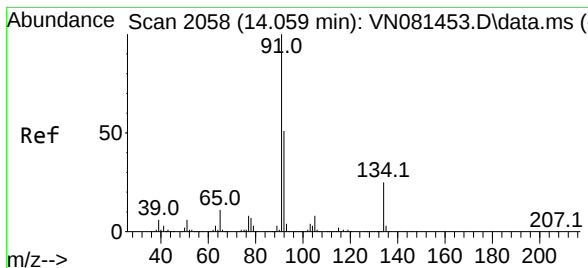


#88
 1,4-Dichlorobenzene
 Concen: 48.443 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27



Tgt Ion:146 Resp: 626267
 Ion Ratio Lower Upper
 146 100
 111 40.1 22.6 67.7
 148 64.2 31.9 95.5





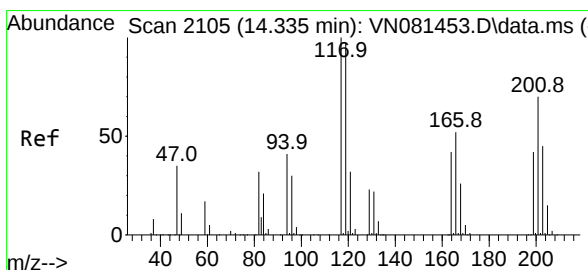
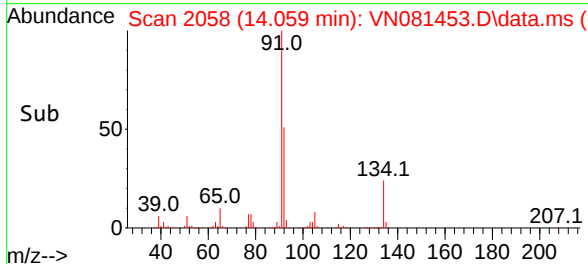
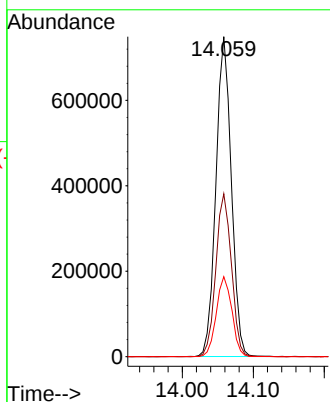
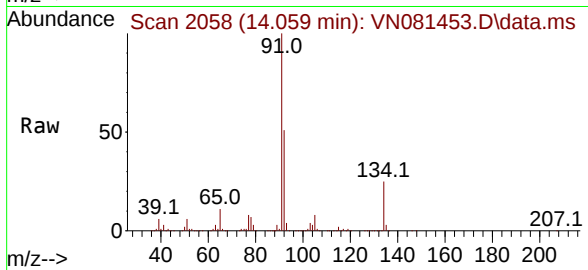
#89
n-Butylbenzene
Concen: 55.303 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 112279
Ion Ratio Lower Upper
91 100
92 51.7 26.7 80.1
134 25.4 10.8 32.4

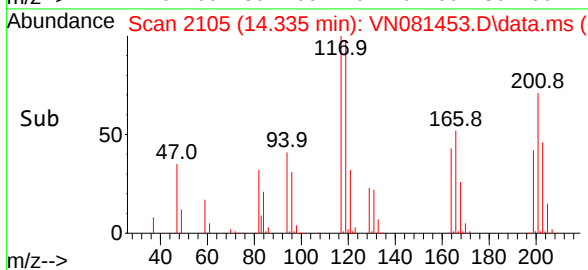
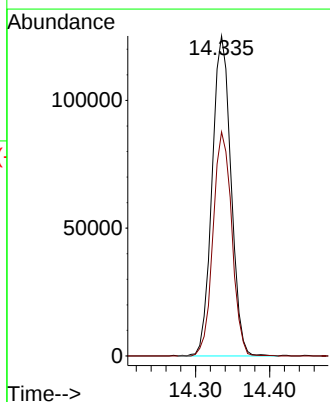
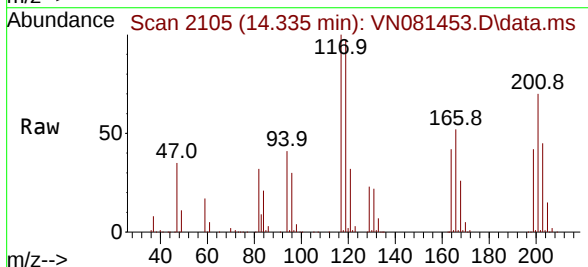
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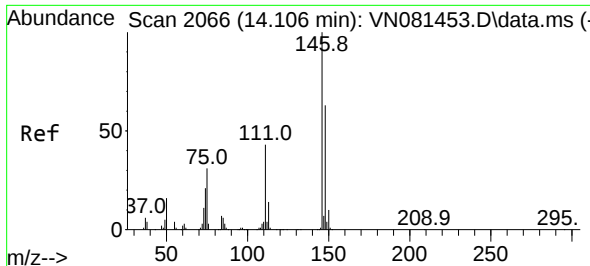
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#90
Hexachloroethane
Concen: 51.181 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

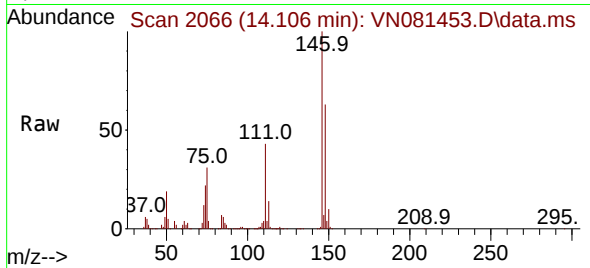
Tgt Ion:117 Resp: 221927
Ion Ratio Lower Upper
117 100
201 69.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 49.437 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

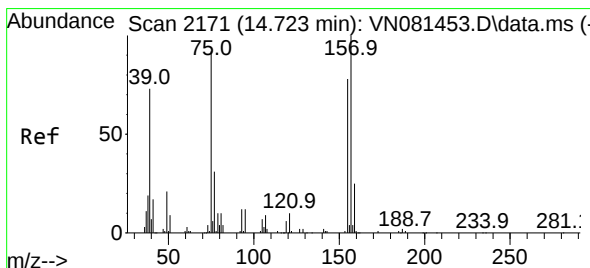
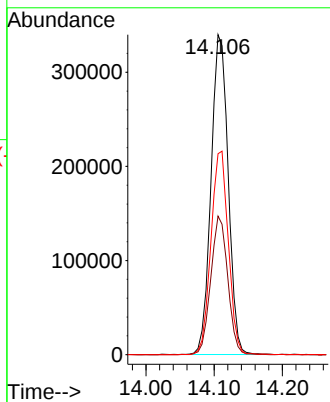
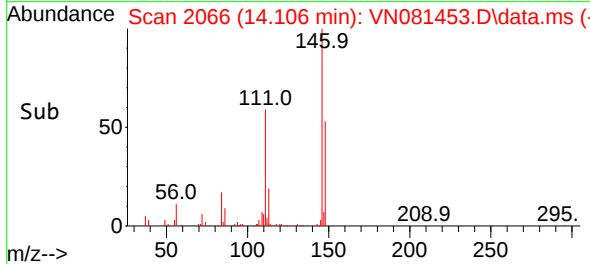
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 594078
Ion Ratio Lower Upper
146 100
111 43.0 23.9 71.8
148 64.7 31.4 94.0

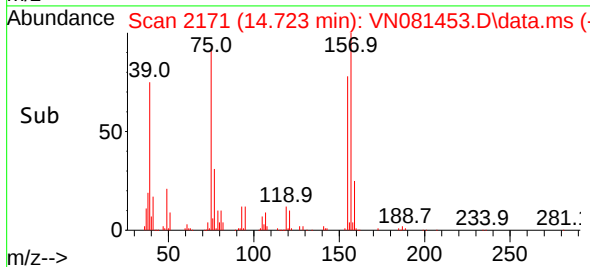
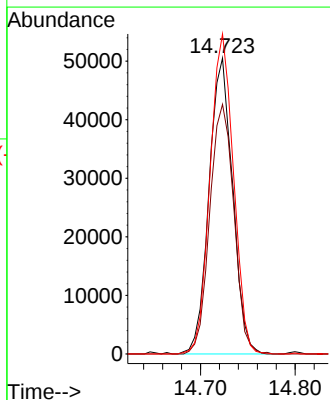
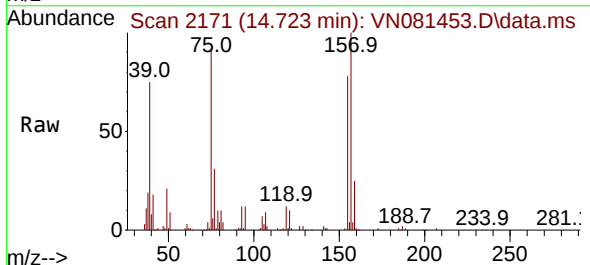
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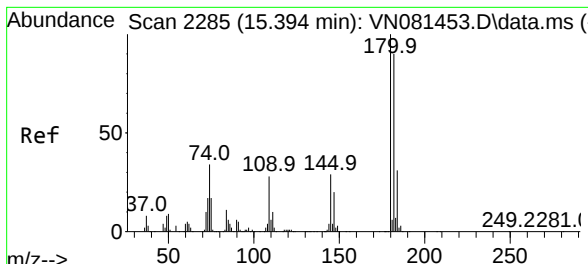
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.889 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

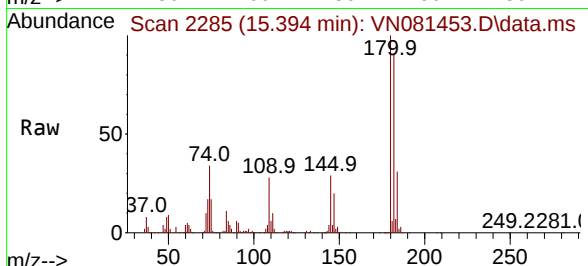
Tgt Ion: 75 Resp: 87594
Ion Ratio Lower Upper
75 100
155 85.7 31.8 95.4
157 107.2 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 52.122 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

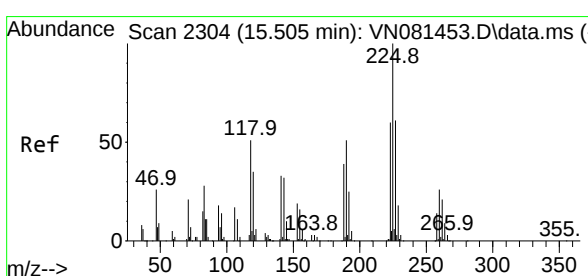
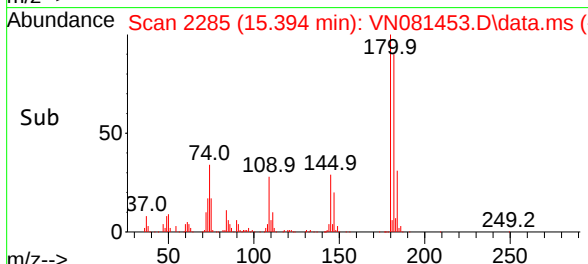
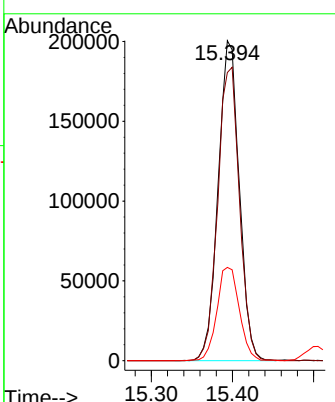
Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050



Tgt Ion: 180 Resp: 362160

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.6	139.7
145	31.1	16.8	50.3

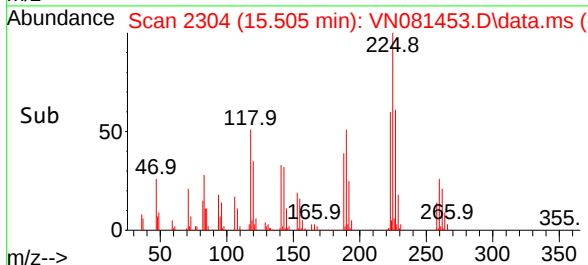
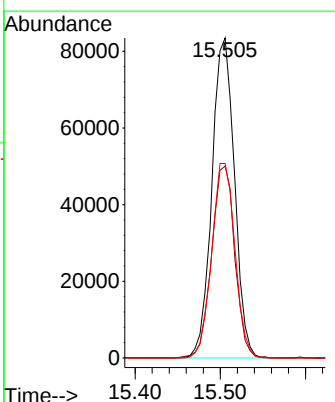
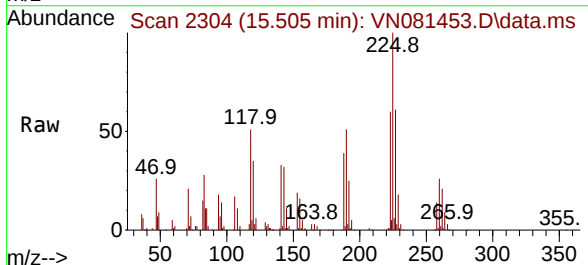
Manual Integrations
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 Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

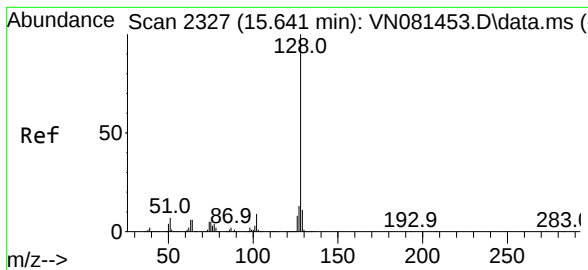


#94
 Hexachlorobutadiene
 Concen: 50.305 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081453.D
 Acq: 18 Mar 2024 16:27

Tgt Ion: 225 Resp: 153361

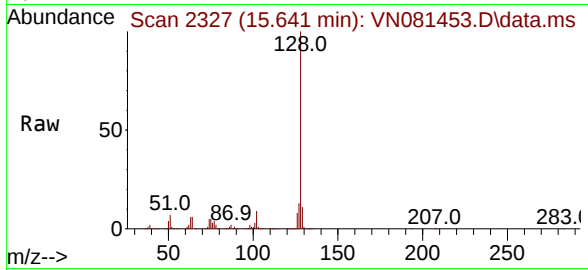
Ion	Ratio	Lower	Upper
225	100		
223	61.4	33.3	99.8
227	62.8	33.1	99.2





#95
Naphthalene
Concen: 55.020 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27

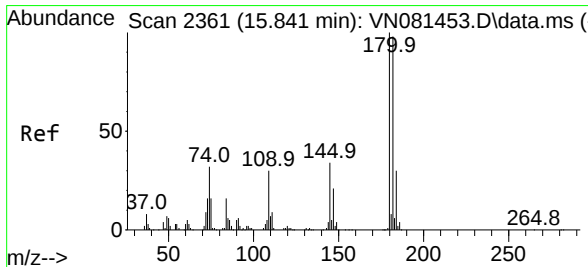
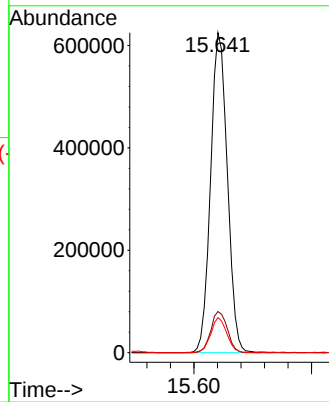
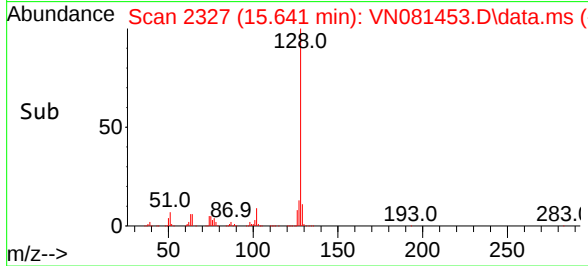
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



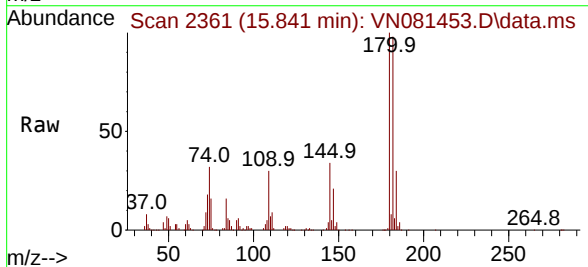
Tgt Ion:128 Resp: 1238750
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.236 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081453.D
Acq: 18 Mar 2024 16:27



Tgt Ion:180 Resp: 358095
Ion Ratio Lower Upper
180 100
182 95.3 46.5 139.3
145 33.3 17.8 53.4

