

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081605.D
 Acq On : 28 Mar 2024 18:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 02:47:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	345606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	629791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	565279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	273097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222966	50.589	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.180%			
35) Dibromofluoromethane	8.165	113	200558	50.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	10.571	98	682356	47.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.980%			
62) 4-Bromofluorobenzene	12.853	95	249026	49.189	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	201343	43.266	ug/l	96
3) Chloromethane	2.359	50	218299	47.115	ug/l	97
4) Vinyl Chloride	2.518	62	258813	49.773	ug/l	94
5) Bromomethane	2.948	94	179618	48.844	ug/l	92
6) Chloroethane	3.118	64	191357	53.599	ug/l	96
7) Trichlorofluoromethane	3.501	101	388958	50.191	ug/l	97
8) Diethyl Ether	3.959	74	141064	55.002	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	215137	48.858	ug/l	89
10) Methyl Iodide	4.589	142	261255	59.579	ug/l	98
11) Tert butyl alcohol	5.512	59	231652	301.604	ug/l	100
12) 1,1-Dichloroethene	4.342	96	206392	50.602	ug/l	86
13) Acrolein	4.183	56	163825	237.701	ug/l	96
14) Allyl chloride	5.024	41	259069	50.690	ug/l #	85
15) Acrylonitrile	5.718	53	563095	274.042	ug/l	99
16) Acetone	4.430	43	397690	279.205	ug/l	100
17) Carbon Disulfide	4.712	76	516371	44.117	ug/l	96
18) Methyl Acetate	5.018	43	268655	61.179	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	752853	58.979	ug/l	95
20) Methylene Chloride	5.283	84	257099	55.103	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	236448	51.993	ug/l	90
22) Diisopropyl ether	6.671	45	712578	60.005	ug/l #	92
23) Vinyl Acetate	6.606	43	2669900	282.456	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	445185	55.971	ug/l	97
25) 2-Butanone	7.483	43	662124	271.020	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	347461	50.367	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	290020	56.364	ug/l	83
28) Bromochloromethane	7.818	49	165613	51.120	ug/l #	52
29) Tetrahydrofuran	7.836	42	445961	270.966	ug/l #	77
30) Chloroform	7.965	83	486332	57.116	ug/l	97
31) Cyclohexane	8.259	56	315276	43.959	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	436015	56.441	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	325840	48.714	ug/l	95
37) Ethyl Acetate	7.559	43	284268	49.631	ug/l	96
38) Carbon Tetrachloride	8.365	117	365548	49.888	ug/l	99
39) Methylcyclohexane	9.600	83	341272	45.688	ug/l #	84
40) Benzene	8.606	78	1035257	52.940	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	157907	52.132	ug/l	89
42) 1,2-Dichloroethane	8.671	62	355201	51.614	ug/l	97
43) Isopropyl Acetate	8.688	43	494457	52.080	ug/l #	90
44) Trichloroethene	9.353	130	280058	50.920	ug/l	92
45) 1,2-Dichloropropane	9.624	63	258886	54.626	ug/l	99
46) Dibromomethane	9.712	93	196895	54.707	ug/l #	88
47) Bromodichloromethane	9.888	83	395204	56.162	ug/l #	97
48) Methyl methacrylate	9.683	41	236408	53.986	ug/l #	86
49) 1,4-Dioxane	9.694	88	99564	946.099	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1511926	260.979	ug/l	91
52) Toluene	10.630	92	654361	52.647	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	398826	52.488	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	424754	52.138	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	280135	56.004	ug/l	95
56) Ethyl methacrylate	10.877	69	382638	51.244	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	457073	55.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	902961	286.891	ug/l #	85
59) 2-Hexanone	11.200	43	1115274	260.383	ug/l	90
60) Dibromochloromethane	11.365	129	311311	56.591	ug/l	98
61) 1,2-Dibromoethane	11.471	107	278015	54.516	ug/l	95
64) Tetrachloroethene	11.106	164	280204	51.857	ug/l	93
65) Chlorobenzene	11.894	112	710332	53.156	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	283144	57.169	ug/l	97
67) Ethyl Benzene	11.965	91	1244111	53.596	ug/l	99
68) m/p-Xylenes	12.071	106	971420	111.630	ug/l	93
69) o-Xylene	12.400	106	481209	56.327	ug/l	93
70) Styrene	12.412	104	812756	58.988	ug/l	94
71) Bromoform	12.582	173	205369	55.180	ug/l #	95
73) Isopropylbenzene	12.700	105	1217092	52.283	ug/l	97
74) N-amyl acetate	12.494	43	436257	51.785	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	346923	50.687	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	332478m	50.895	ug/l	
77) Bromobenzene	12.982	156	298716	51.946	ug/l	71
78) n-propylbenzene	13.035	91	1440590	52.402	ug/l	96
79) 2-Chlorotoluene	13.123	91	864390	52.534	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1037262	53.947	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	120741	49.947	ug/l	93
82) 4-Chlorotoluene	13.223	91	847024	52.214	ug/l	91
83) tert-Butylbenzene	13.441	119	875996	52.833	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1057335	54.714	ug/l	96
85) sec-Butylbenzene	13.618	105	1262665	53.272	ug/l	94
86) p-Isopropyltoluene	13.729	119	1044770	53.923	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	551081	52.158	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	552757	50.526	ug/l	96
89) n-Butylbenzene	14.059	91	870509	50.668	ug/l	96
90) Hexachloroethane	14.335	117	196213	53.473	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	541690	53.268	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72800	49.979	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	291170	49.519	ug/l	99
94) Hexachlorobutadiene	15.506	225	110732	42.921	ug/l	98
95) Naphthalene	15.641	128	1029836	54.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	294679	49.824	ug/l	96

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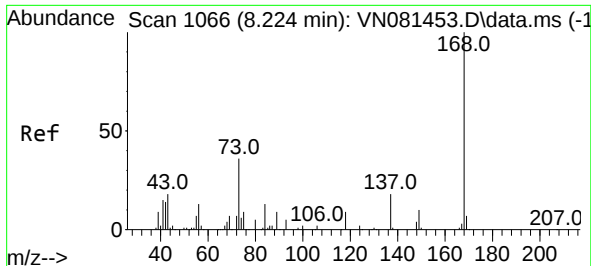
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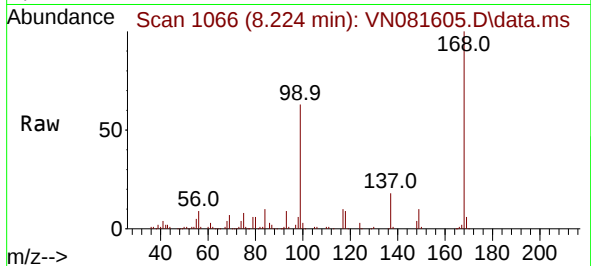
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081605.D
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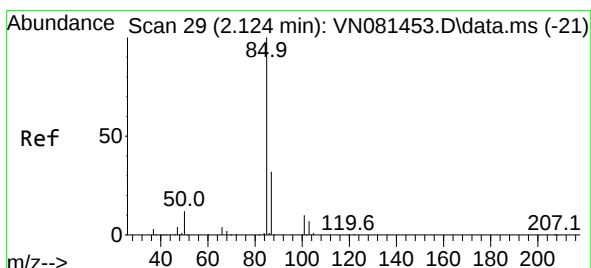
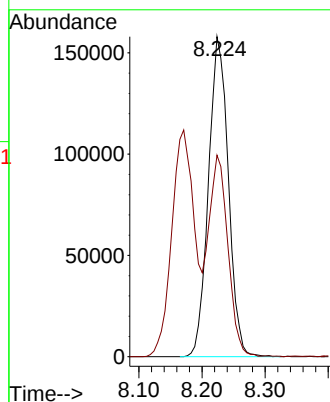
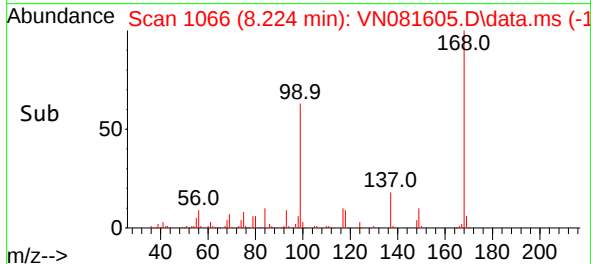
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 345600
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9

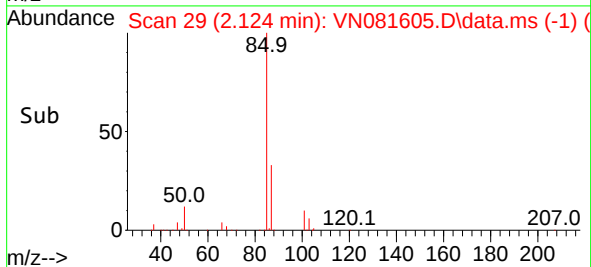
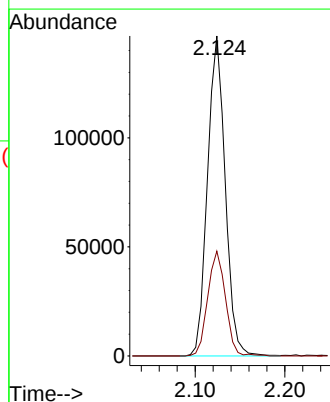
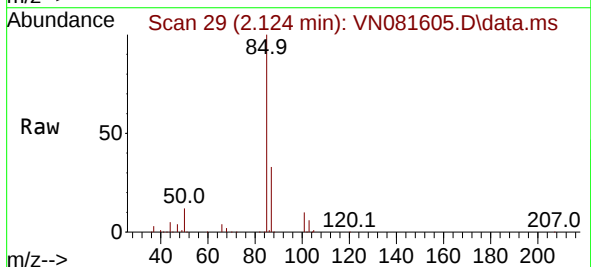
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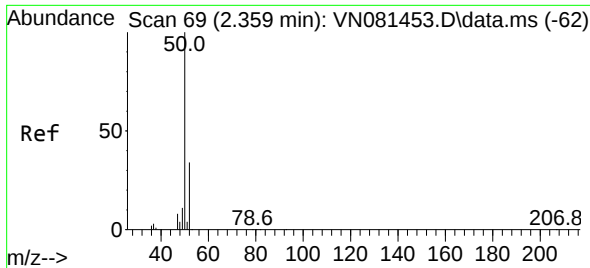
Reviewed By :John Carlone 03/29/2024
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#2
Dichlorodifluoromethane
Concen: 43.266 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

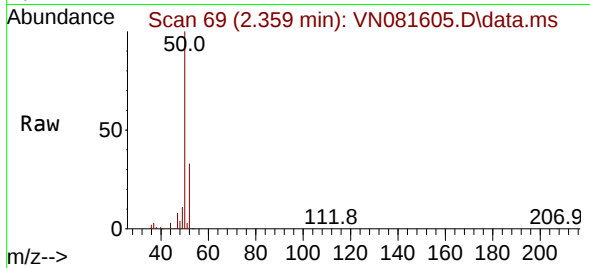
Tgt Ion: 85 Resp: 201343
Ion Ratio Lower Upper
85 100
87 32.7 15.3 45.9





#3
Chloromethane
Concen: 47.115 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

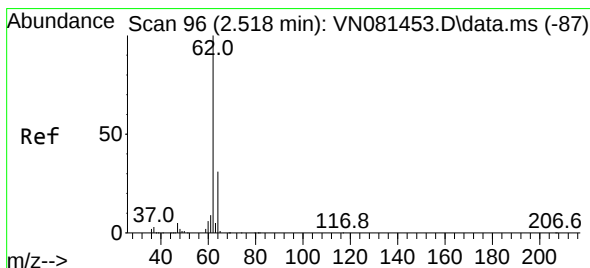
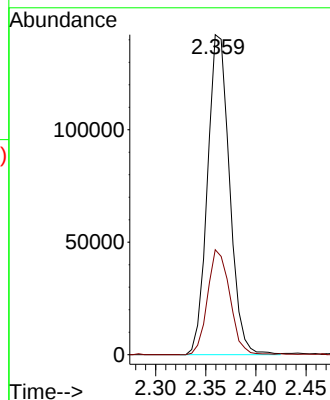
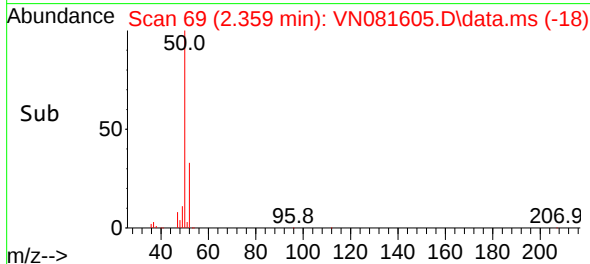
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Tgt Ion: 50 Resp: 218299
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4

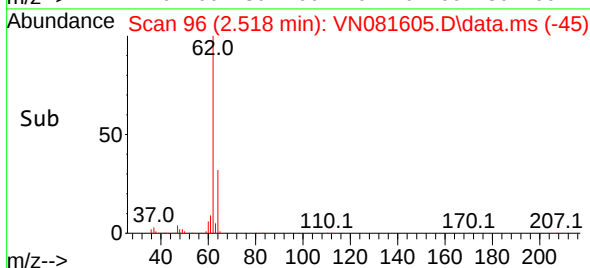
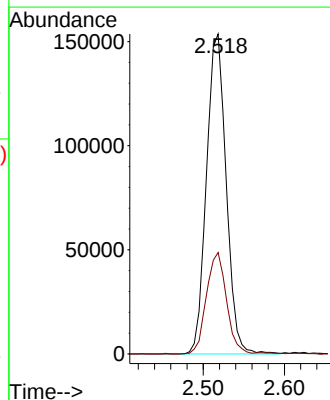
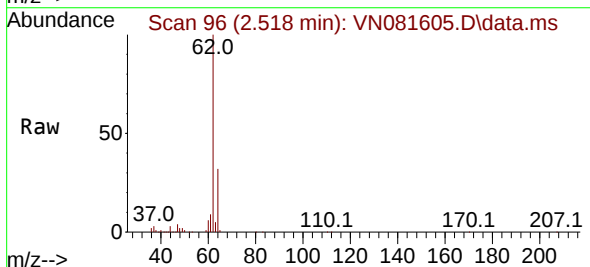
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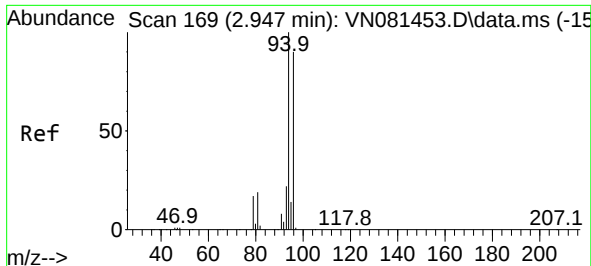
Reviewed By :John Carlone 03/29/2024
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#4
Vinyl Chloride
Concen: 49.773 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

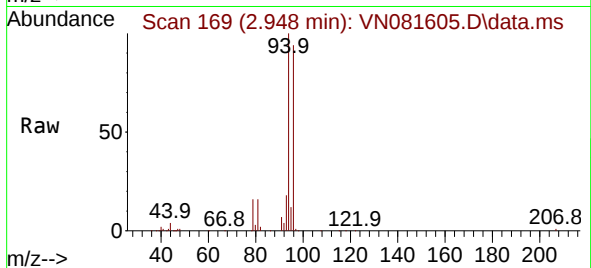
Tgt Ion: 62 Resp: 258813
Ion Ratio Lower Upper
62 100
64 31.7 22.7 34.1





#5
Bromomethane
Concen: 48.844 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081605.D
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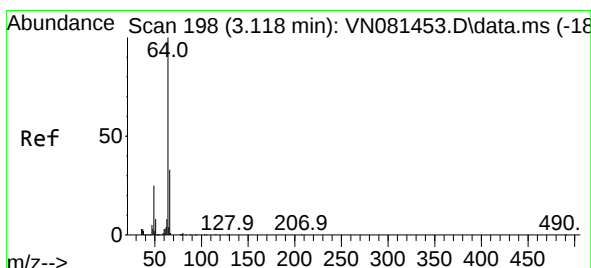
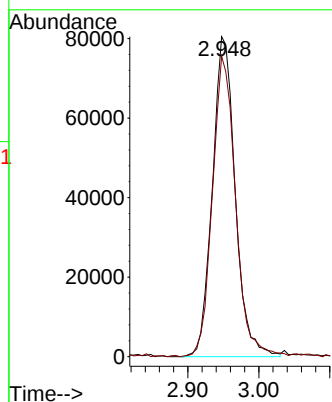
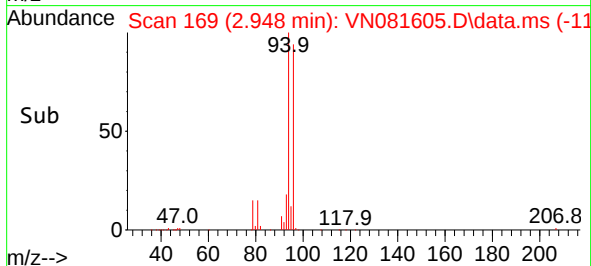
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Tgt Ion: 94 Resp: 179618
Ion Ratio Lower Upper
94 100
96 93.9 69.2 103.8

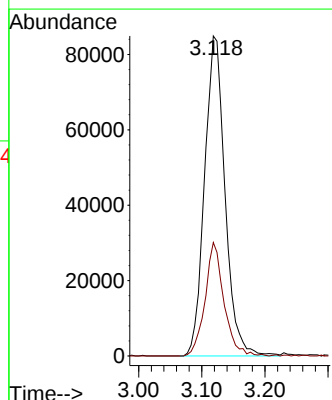
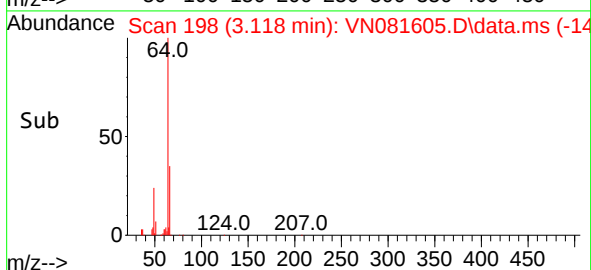
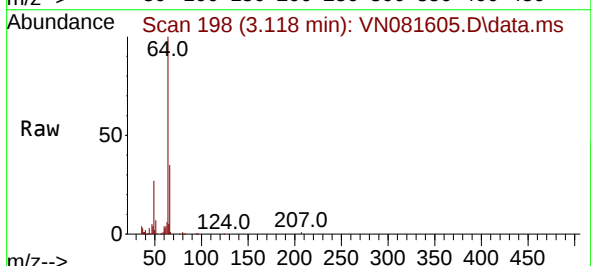
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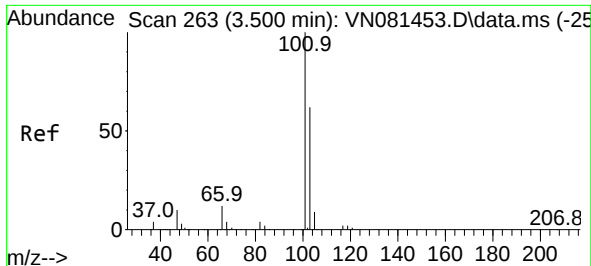
Reviewed By :John Carlone 03/29/2024
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#6
Chloroethane
Concen: 53.599 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081605.D
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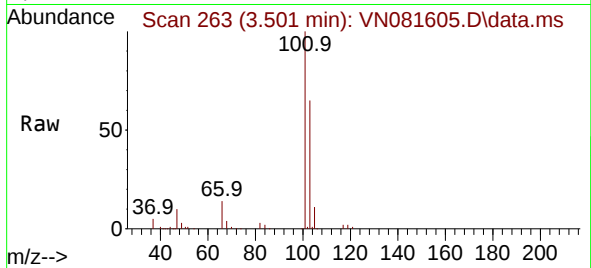
Tgt Ion: 64 Resp: 191357
Ion Ratio Lower Upper
64 100
66 35.4 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 50.191 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081605.D
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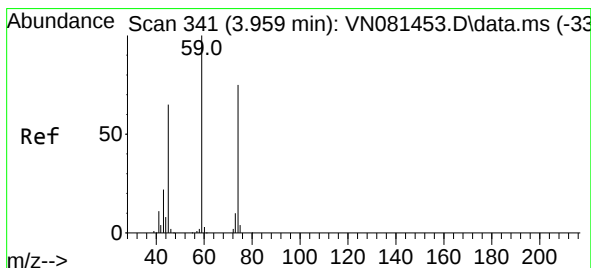
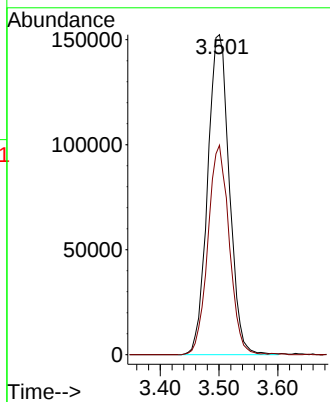
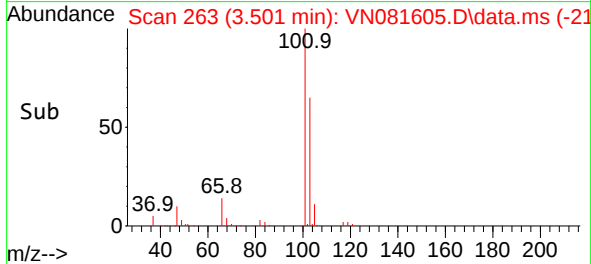
Instrument :
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Tgt Ion:101 Resp: 388958
 Ion Ratio Lower Upper
 101 100
 103 65.5 54.4 81.6

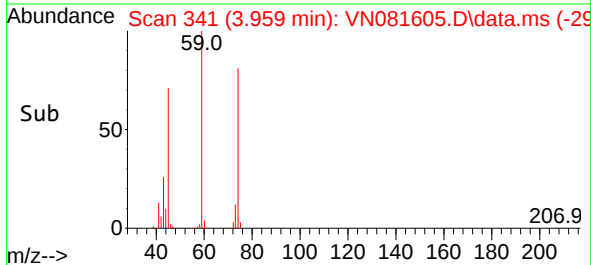
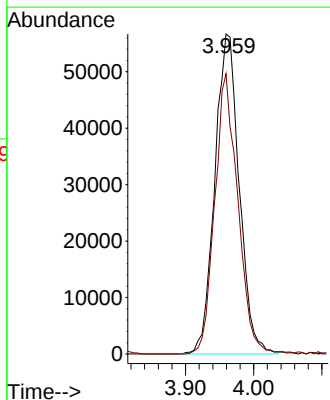
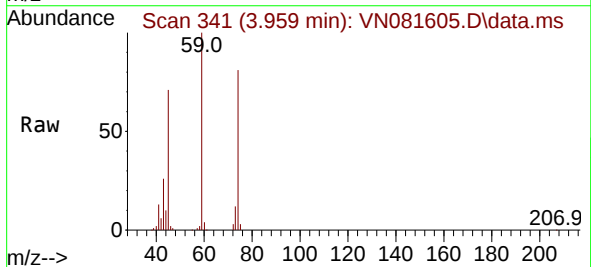
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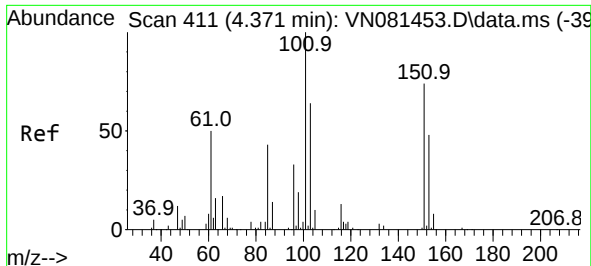
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#8
 Diethyl Ether
 Concen: 55.002 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 141064
 Ion Ratio Lower Upper
 74 100
 45 82.8 53.3 159.9





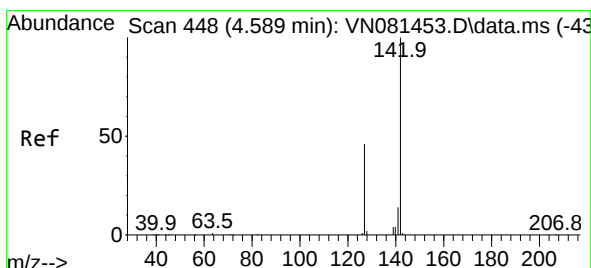
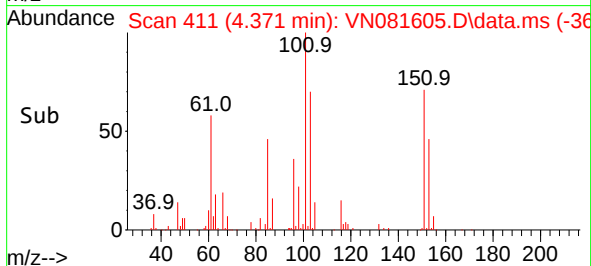
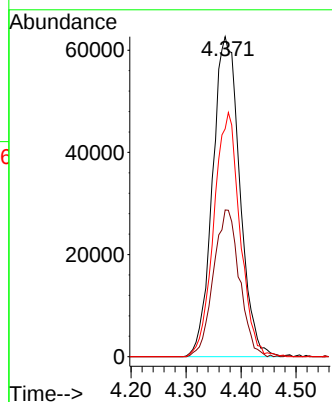
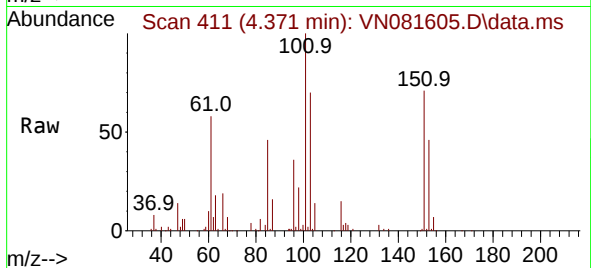
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.858 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 21513
Ion Ratio Lower Upper
101 100
85 44.0 38.1 57.1
151 73.5 49.1 73.7

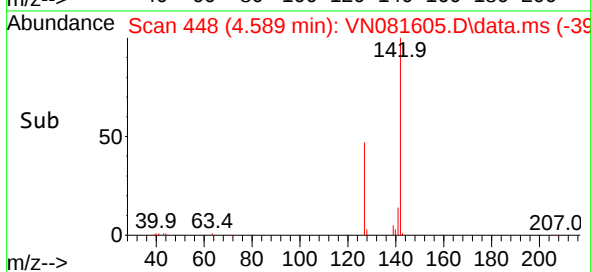
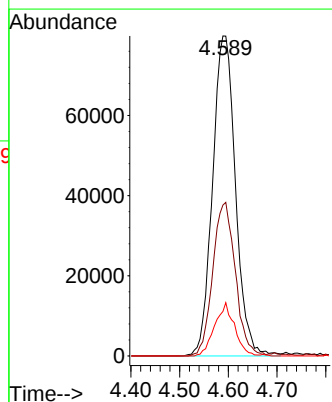
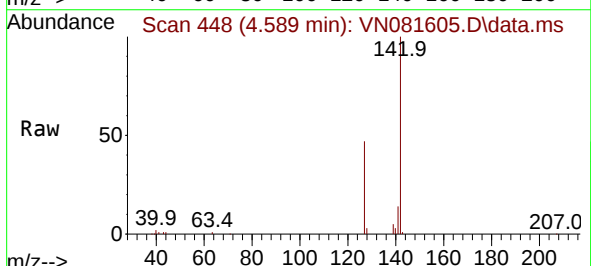
Manual Integrations
APPROVED

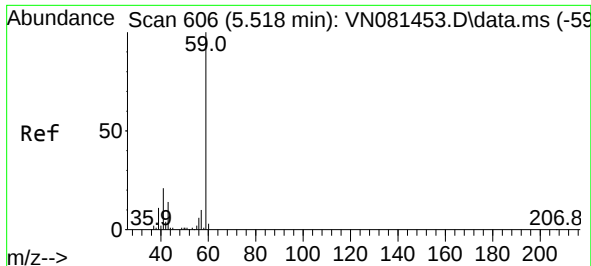
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
Methyl Iodide
Concen: 59.579 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

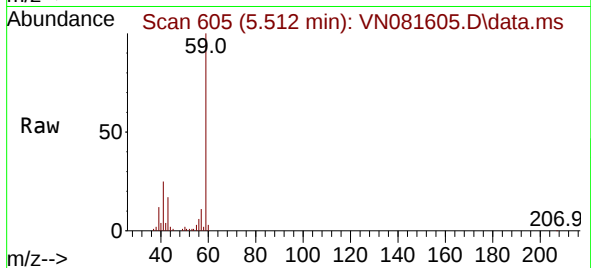
Tgt Ion:142 Resp: 261255
Ion Ratio Lower Upper
142 100
127 47.1 37.0 55.4
141 13.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 301.604 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

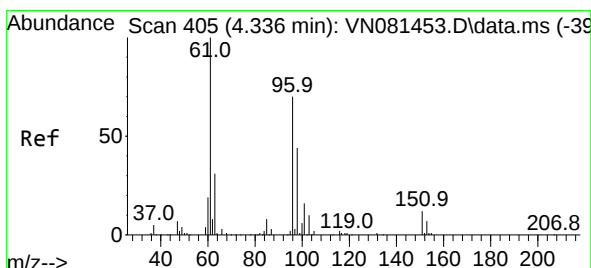
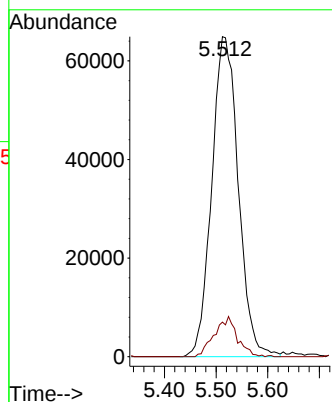
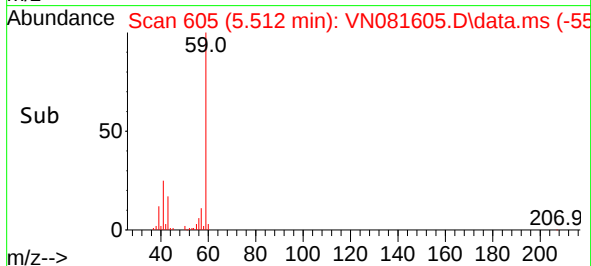
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



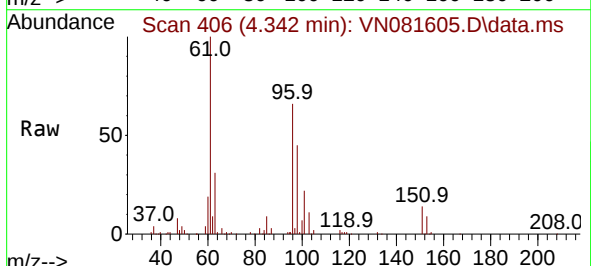
Tgt Ion: 59 Resp: 231652
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

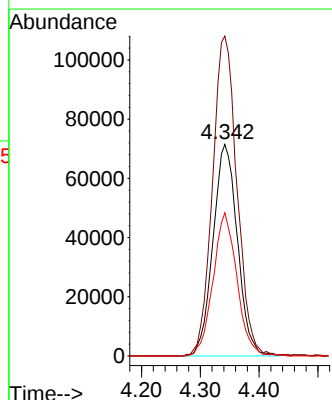
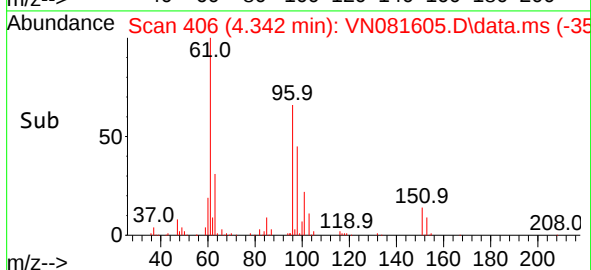
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

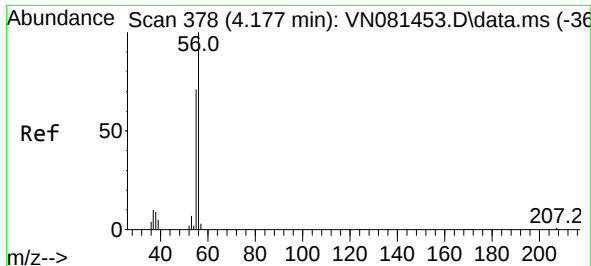


#12
1,1-Dichloroethene
Concen: 50.602 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



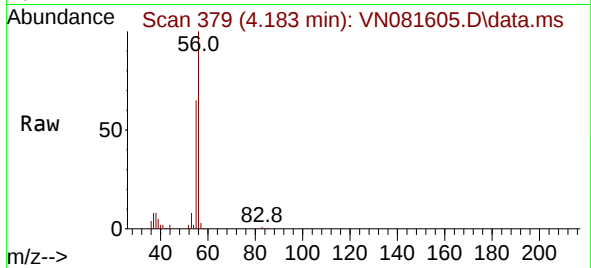
Tgt Ion: 96 Resp: 206392
Ion Ratio Lower Upper
96 100
61 151.2 138.2 207.4
98 67.7 49.2 73.8





#13
Acrolein
Concen: 237.701 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

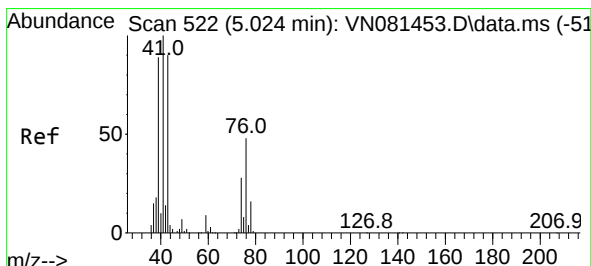
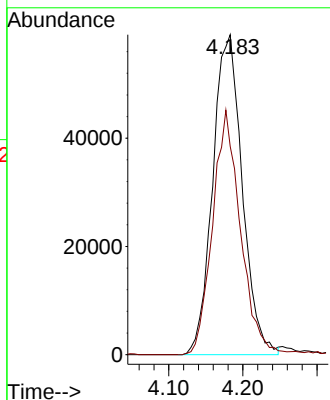
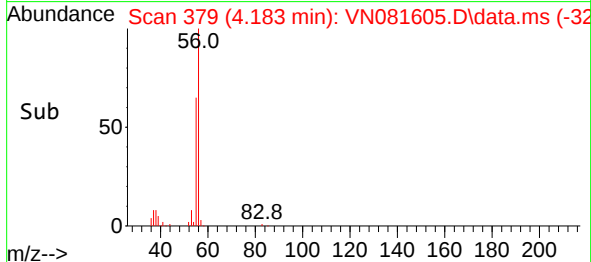
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



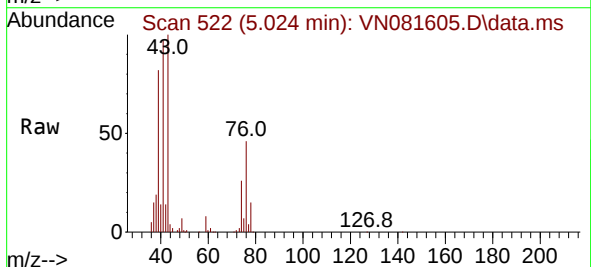
Tgt Ion: 56 Resp: 163825
Ion Ratio Lower Upper
56 100
55 72.4 55.3 82.9

Manual Integrations
APPROVED

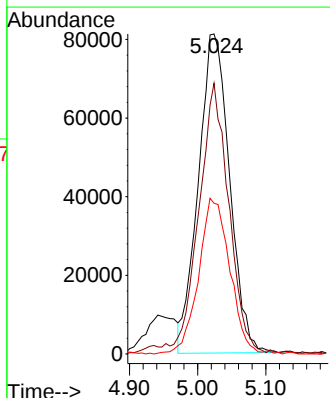
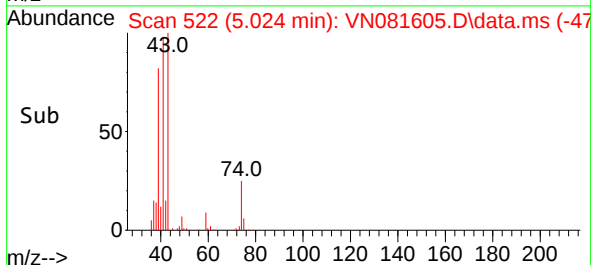
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

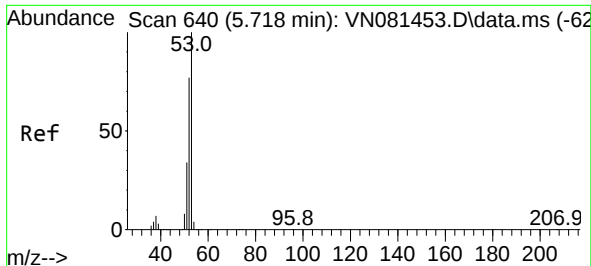


#14
Allyl chloride
Concen: 50.690 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



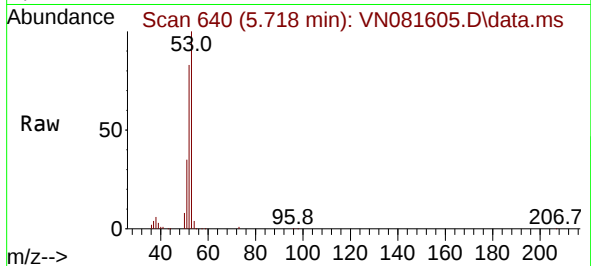
Tgt Ion: 41 Resp: 259069
Ion Ratio Lower Upper
41 100
39 80.7 57.7 86.5
76 48.5 26.8 40.2#





#15
Acrylonitrile
Concen: 274.042 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

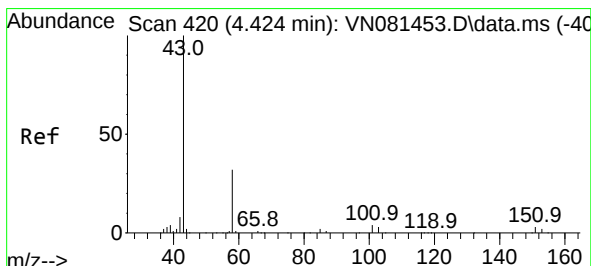
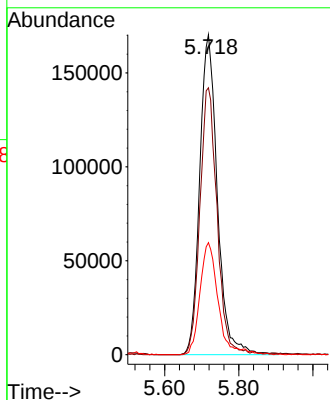
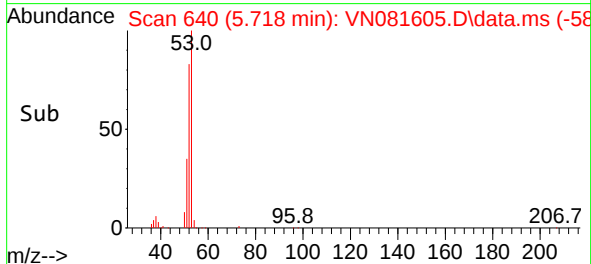
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



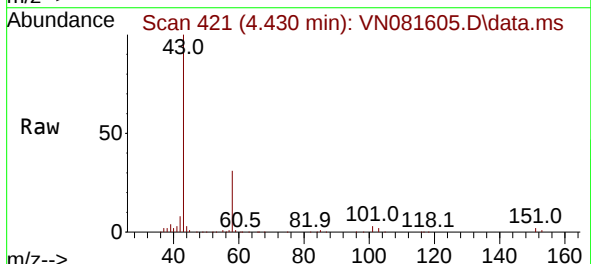
Tgt Ion: 53 Resp: 56309
Ion Ratio Lower Upper
53 100
52 80.7 64.8 97.2
51 35.0 26.9 40.3

Manual Integrations
APPROVED

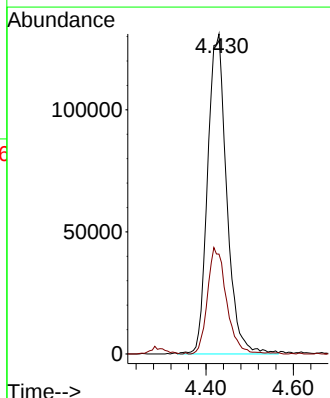
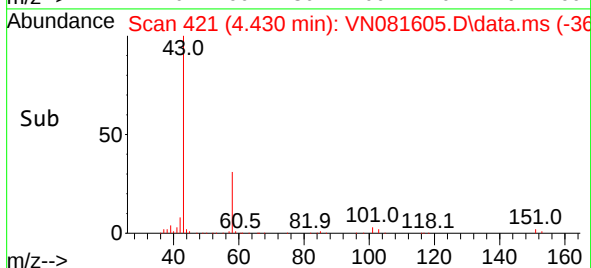
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

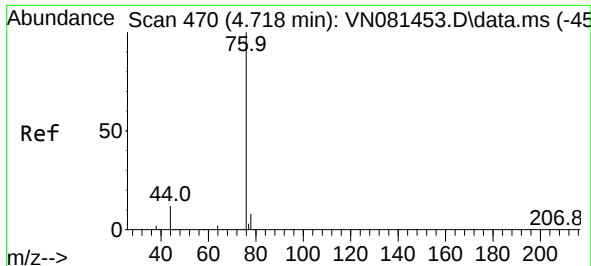


#16
Acetone
Concen: 279.205 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



Tgt Ion: 43 Resp: 397690
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





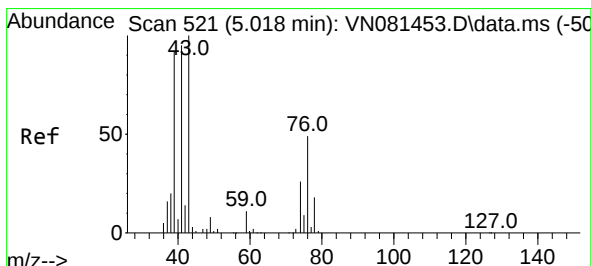
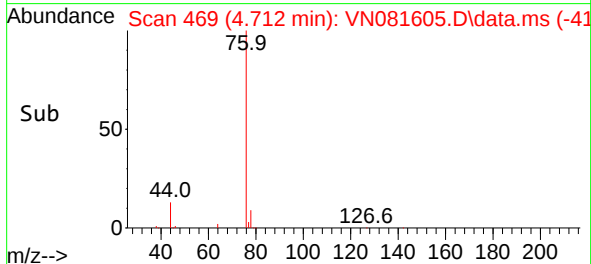
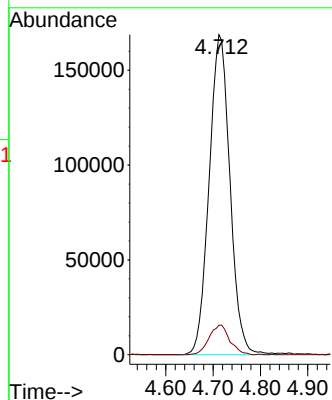
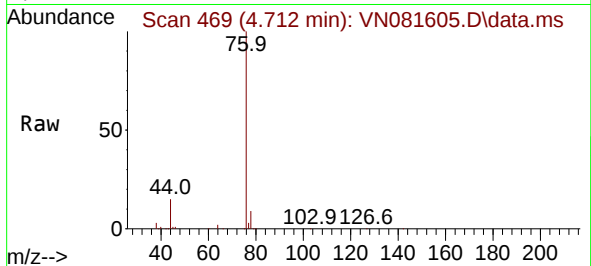
#17
Carbon Disulfide
Concen: 44.117 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 51637
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5

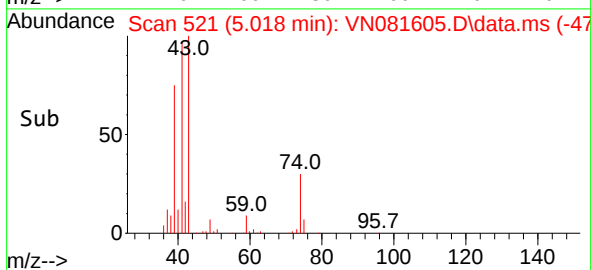
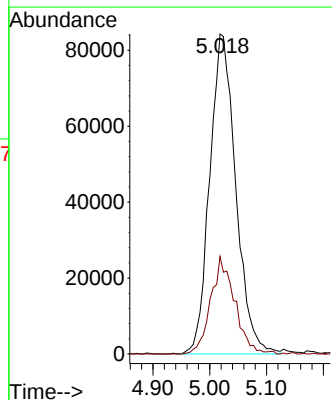
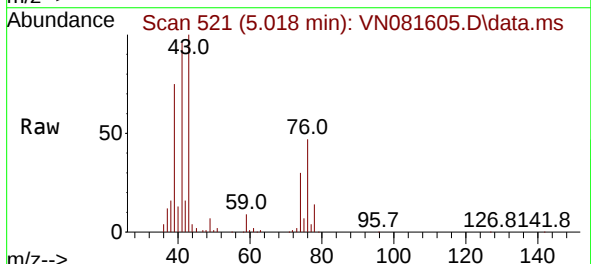
Manual Integrations
APPROVED

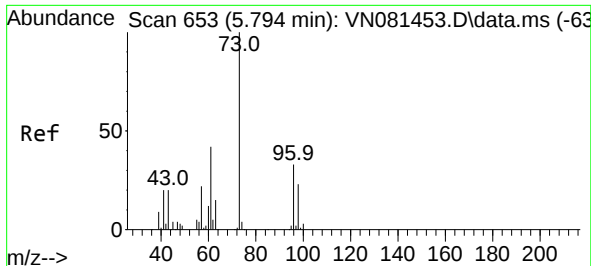
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#18
Methyl Acetate
Concen: 61.179 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion: 43 Resp: 268655
Ion Ratio Lower Upper
43 100
74 27.9 17.3 25.9#





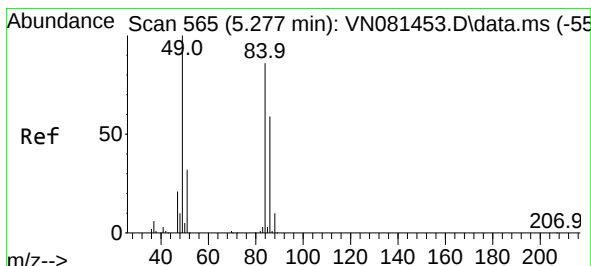
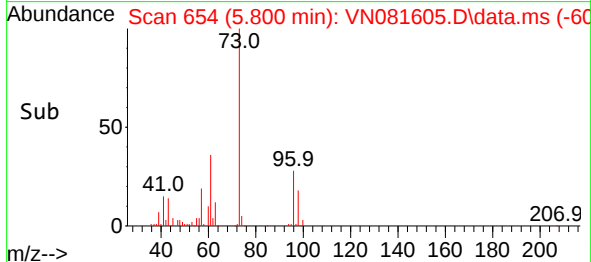
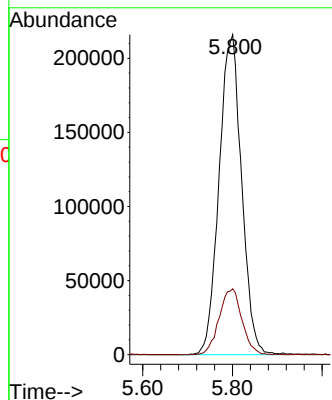
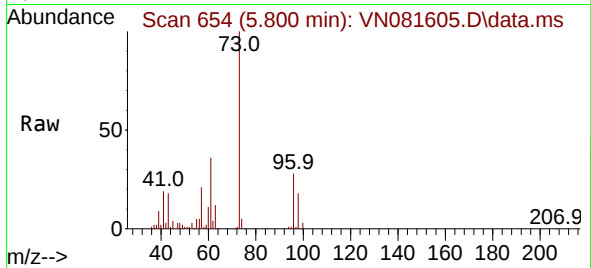
#19
Methyl tert-butyl Ether
Concen: 58.979 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 75285
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4

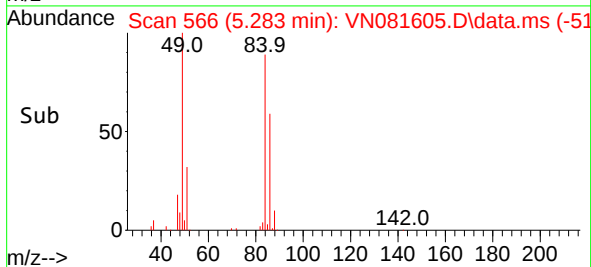
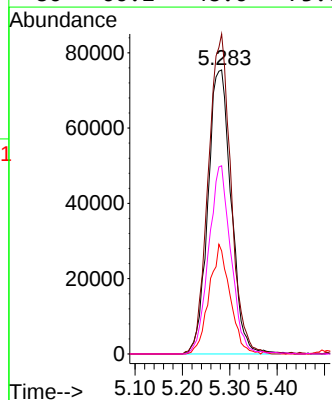
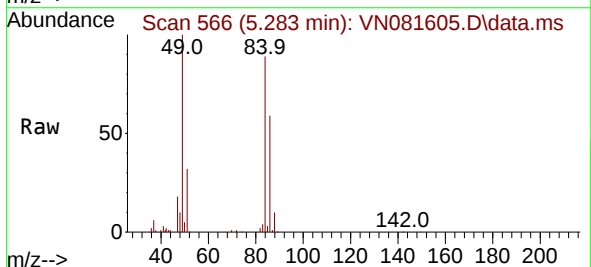
Manual Integrations
APPROVED

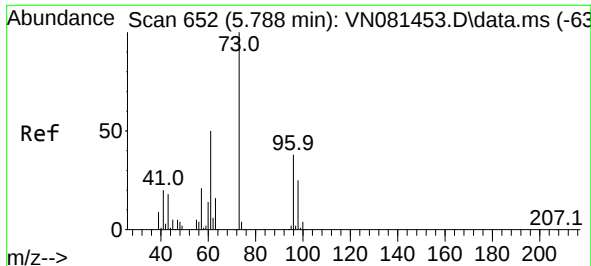
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#20
Methylene Chloride
Concen: 55.103 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

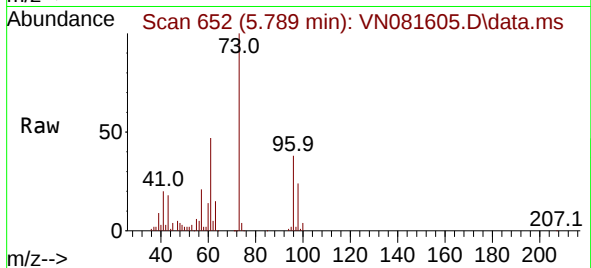
Tgt Ion: 84 Resp: 257099
Ion Ratio Lower Upper
84 100
49 112.6 108.1 162.1
51 36.3 32.9 49.3
86 66.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.993 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

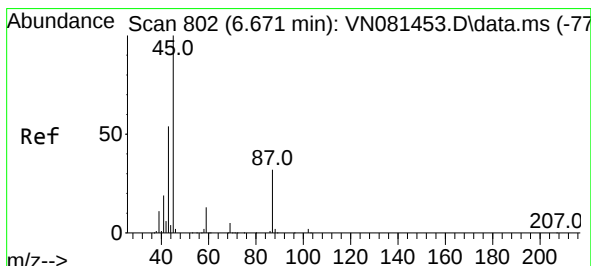
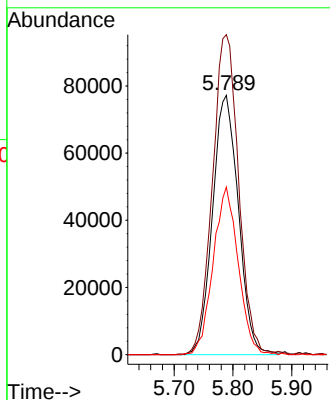
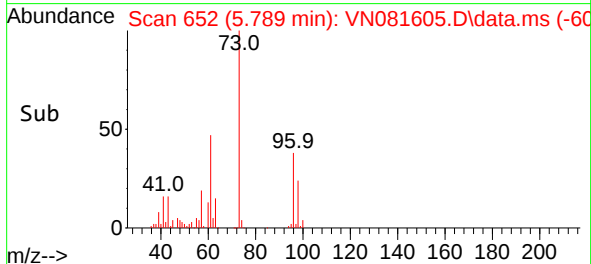
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 236448
Ion Ratio Lower Upper
96 100
61 123.1 112.8 169.2
98 64.6 51.0 76.4

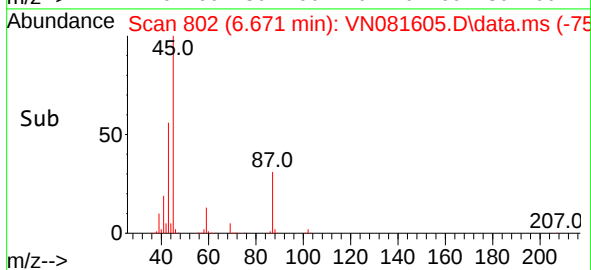
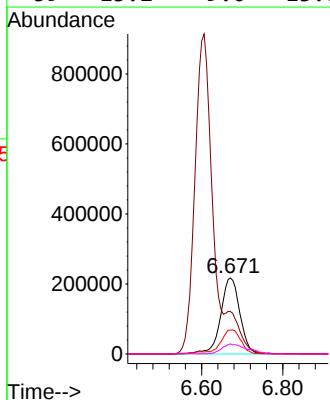
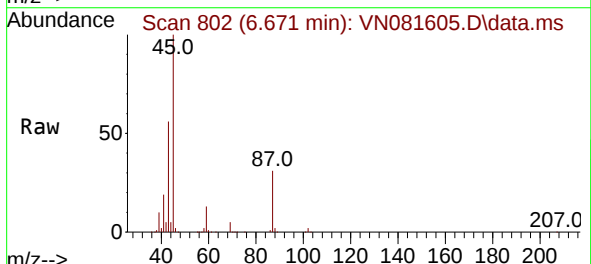
Manual Integrations
APPROVED

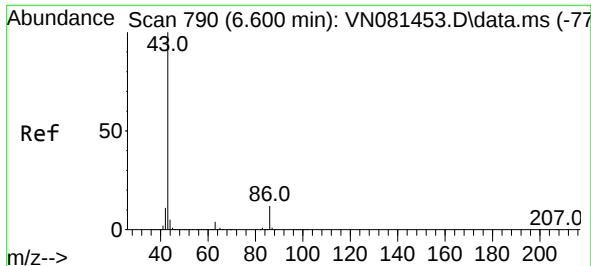
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
Diisopropyl ether
Concen: 60.005 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

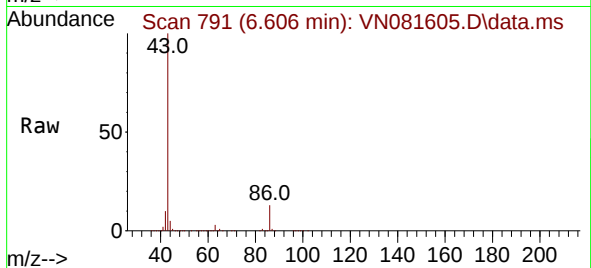
Tgt Ion: 45 Resp: 712578
Ion Ratio Lower Upper
45 100
43 55.6 41.8 62.8
87 31.4 18.1 27.1#
59 13.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 282.456 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

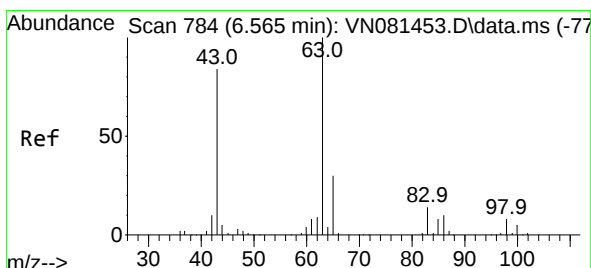
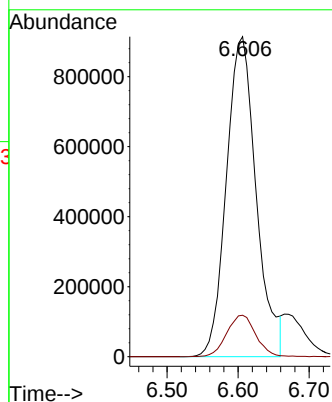
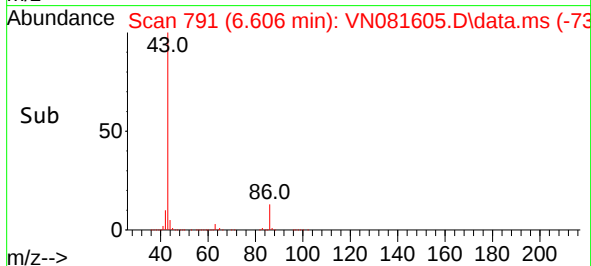
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



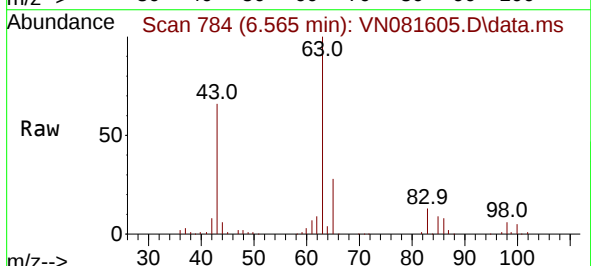
Tgt Ion: 43 Resp: 2669900
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7

Manual Integrations
 APPROVED

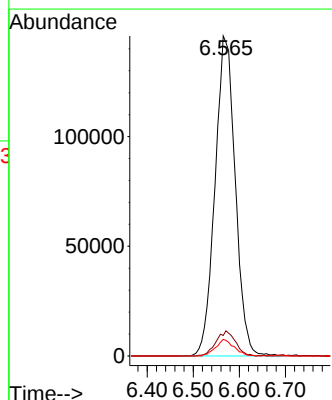
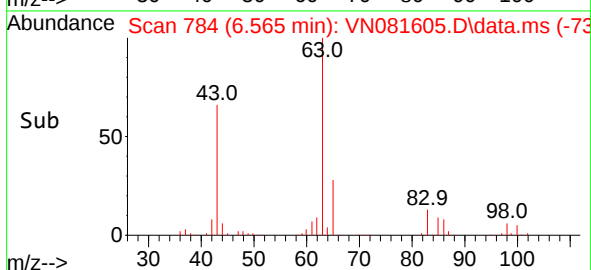
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

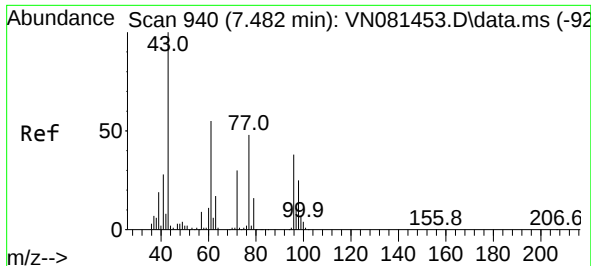


#24
 1,1-Dichloroethane
 Concen: 55.971 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28



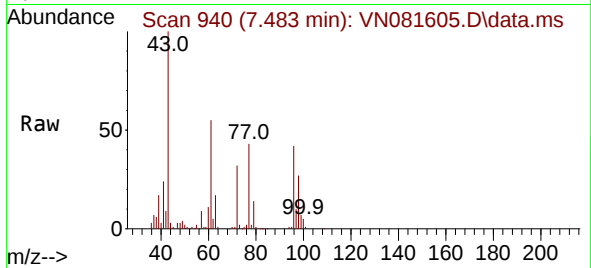
Tgt Ion: 63 Resp: 445185
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.6
 100 5.2 1.9 5.7





#25
2-Butanone
Concen: 271.020 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

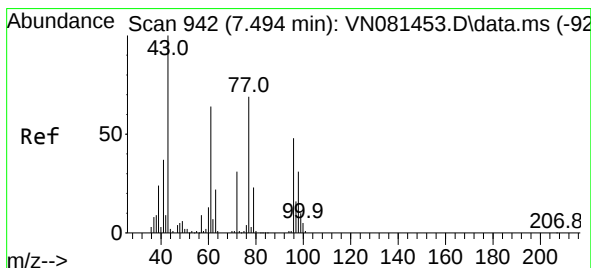
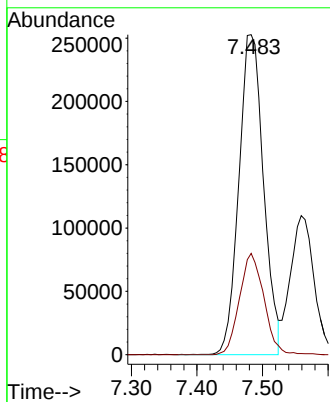
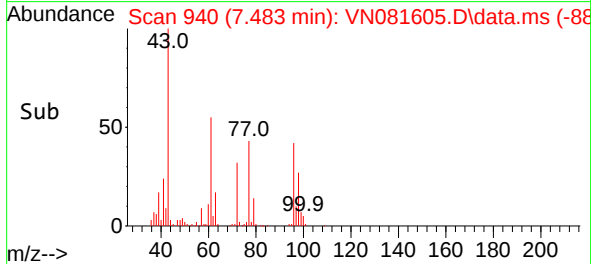
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



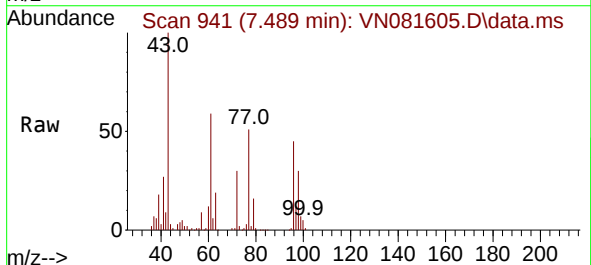
Tgt Ion: 43 Resp: 662124
Ion Ratio Lower Upper
43 100
72 31.7 19.5 29.3

Manual Integrations
APPROVED

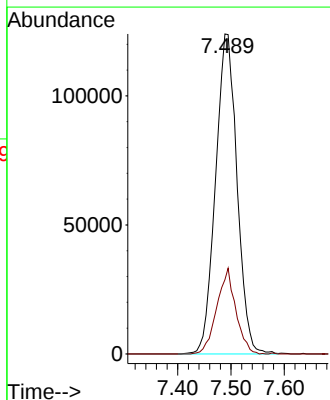
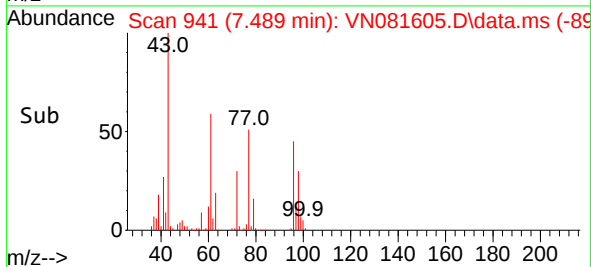
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

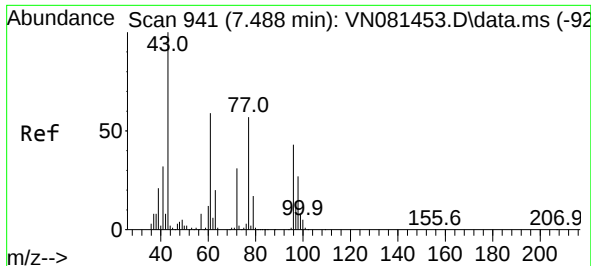


#26
2,2-Dichloropropane
Concen: 50.367 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



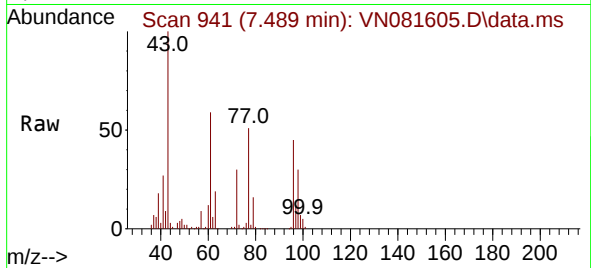
Tgt Ion: 77 Resp: 347461
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 56.364 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

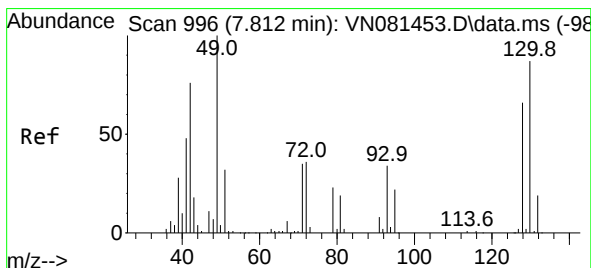
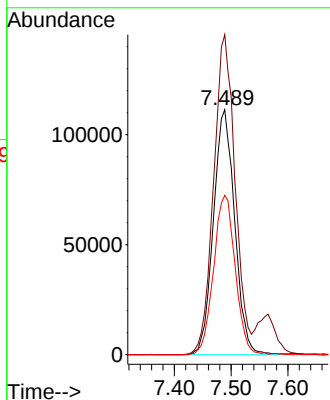
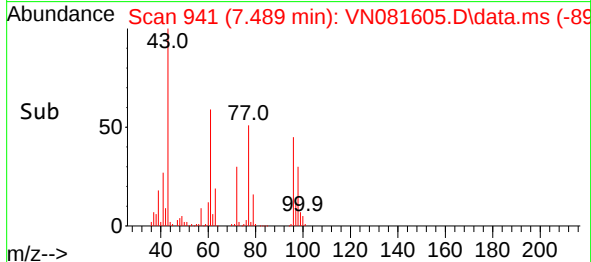
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 290020
Ion Ratio Lower Upper
96 100
61 131.6 0.0 325.4
98 66.2 0.0 130.4

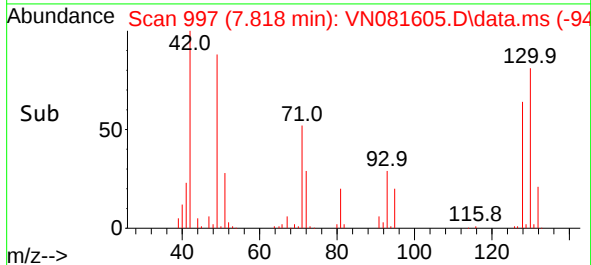
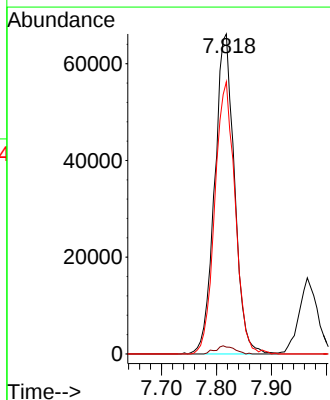
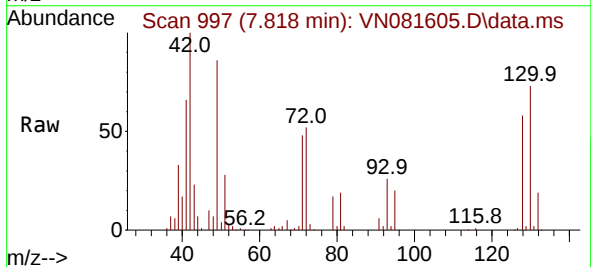
Manual Integrations
APPROVED

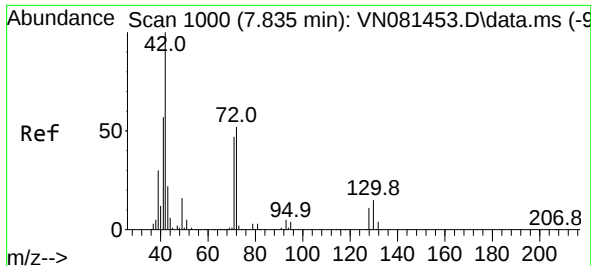
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#28
Bromochloromethane
Concen: 51.120 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

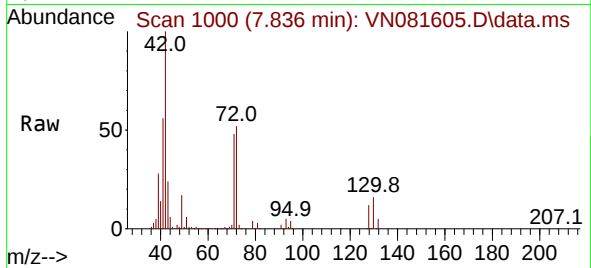
Tgt Ion: 49 Resp: 165613
Ion Ratio Lower Upper
49 100
129 2.4 0.0 1.6#
130 87.1 42.3 63.5#





#29
Tetrahydrofuran
Concen: 270.966 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

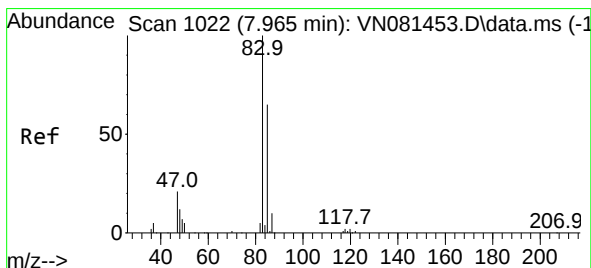
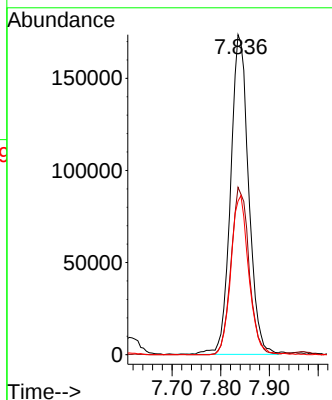
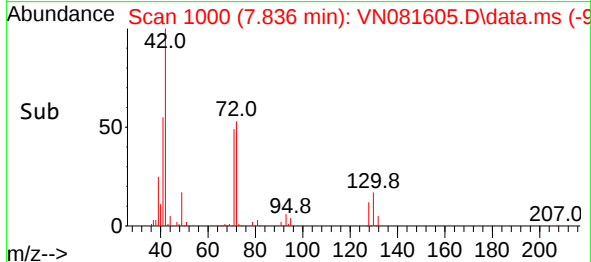
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 44596
Ion Ratio Lower Upper
42 100
72 52.4 31.1 46.7
71 49.4 28.3 42.5

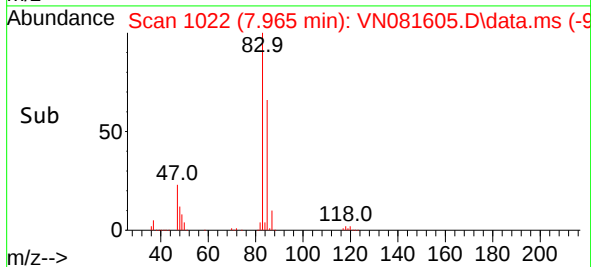
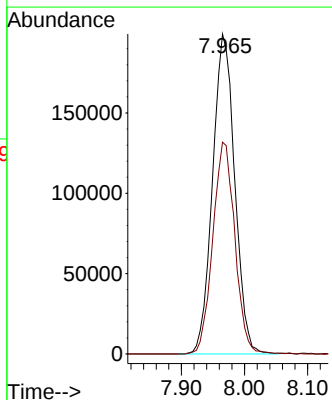
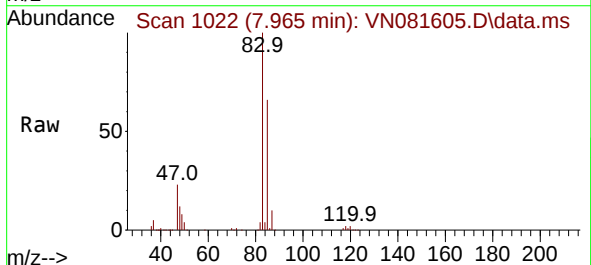
Manual Integrations
APPROVED

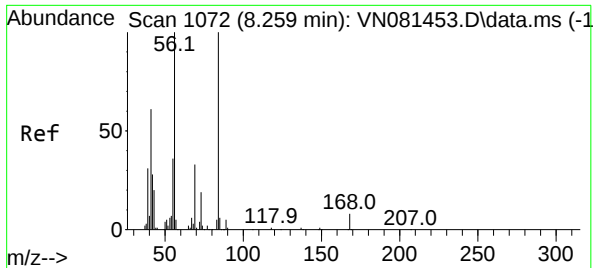
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#30
Chloroform
Concen: 57.116 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

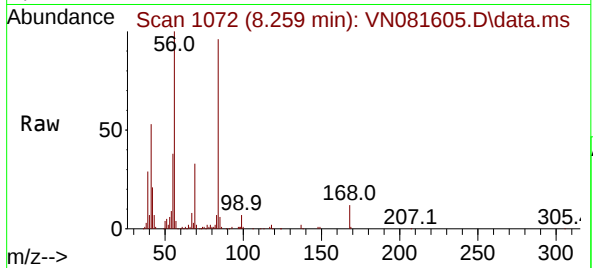
Tgt Ion: 83 Resp: 486332
Ion Ratio Lower Upper
83 100
85 66.2 51.0 76.6





#31
Cyclohexane
Concen: 43.959 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

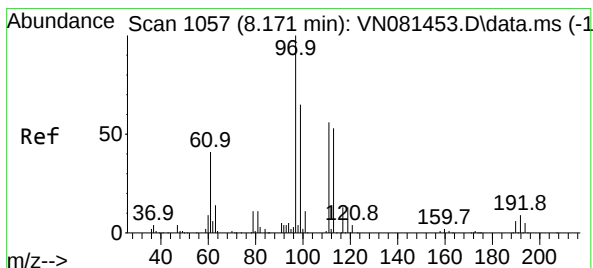
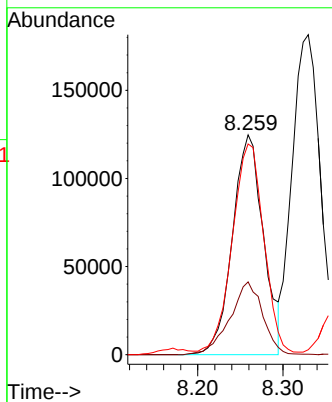
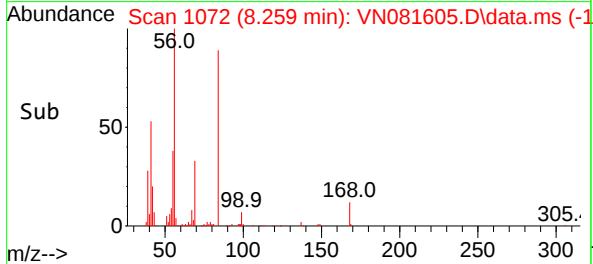
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



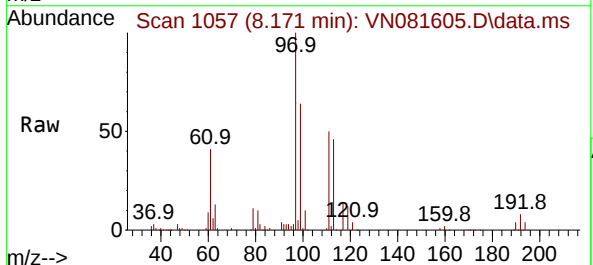
Tgt Ion: 56 Resp: 315270
Ion Ratio Lower Upper
56 100
69 32.5 20.1 30.1
84 93.4 56.9 85.3

Manual Integrations
APPROVED

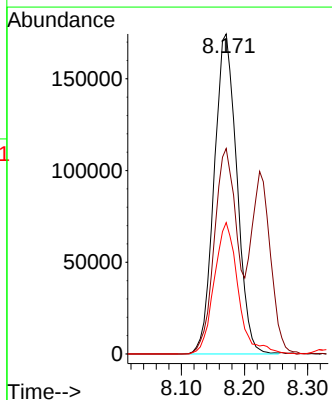
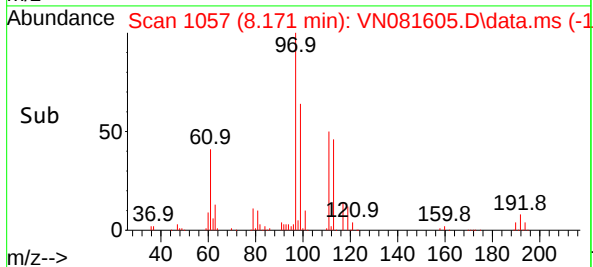
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

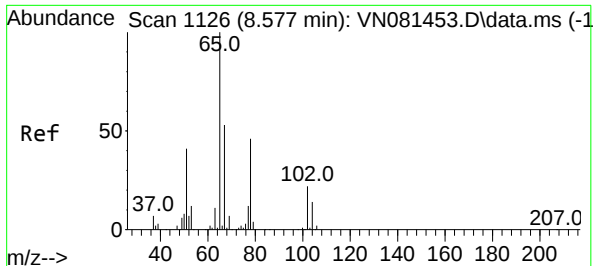


#32
1,1,1-Trichloroethane
Concen: 56.441 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



Tgt Ion: 97 Resp: 436015
Ion Ratio Lower Upper
97 100
99 65.0 53.4 80.0
61 43.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.589 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 222960

Ion Ratio Lower Upper

65 100

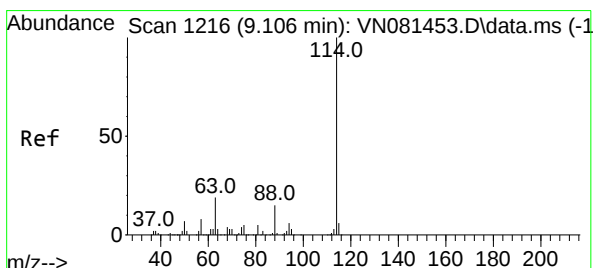
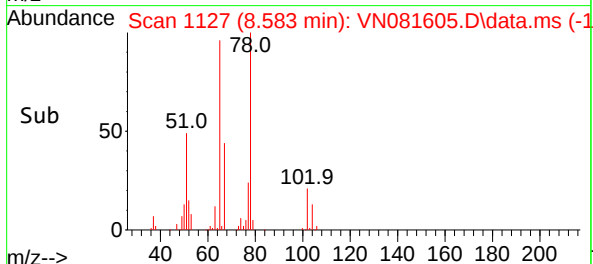
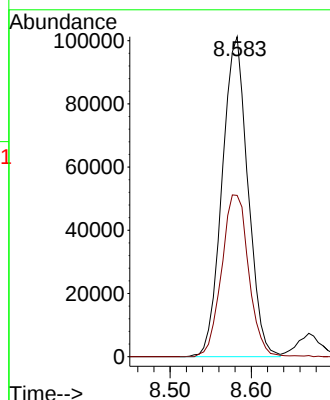
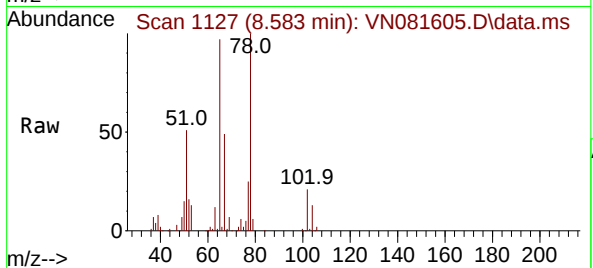
67 53.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

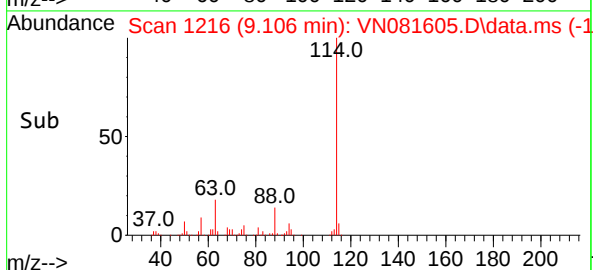
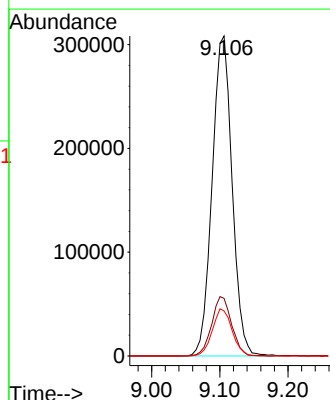
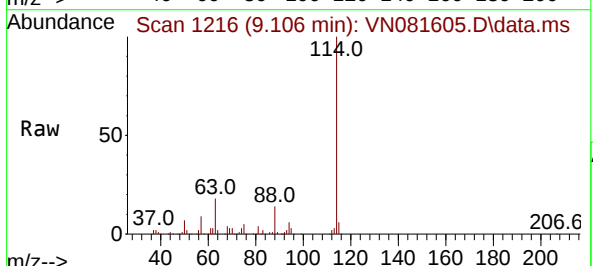
Tgt Ion:114 Resp: 629791

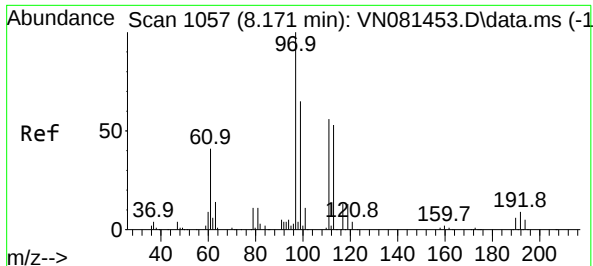
Ion Ratio Lower Upper

114 100

63 18.0 0.0 48.0

88 14.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.460 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 200558

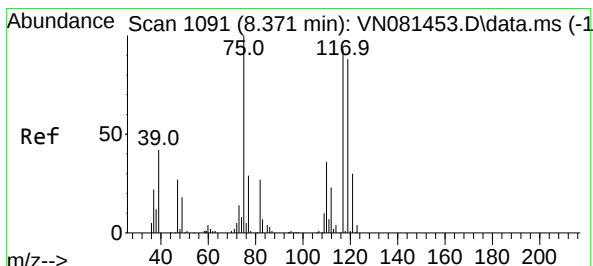
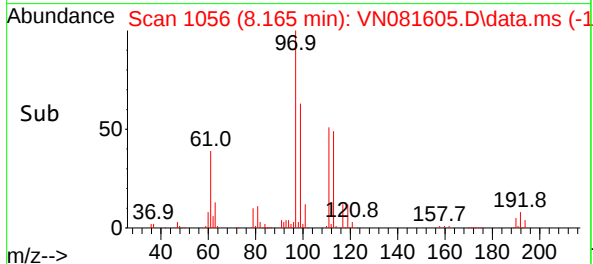
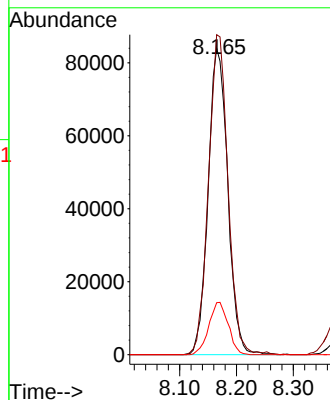
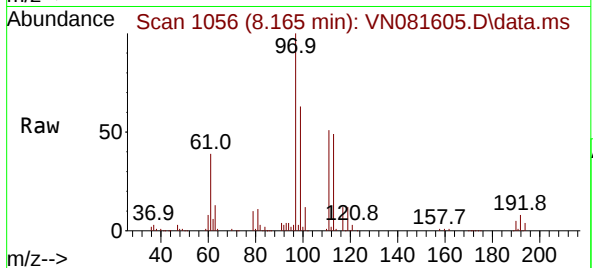
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	16.9	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#36

1,1-Dichloropropene

Concen: 48.714 ug/l

RT: 8.371 min Scan# 1091

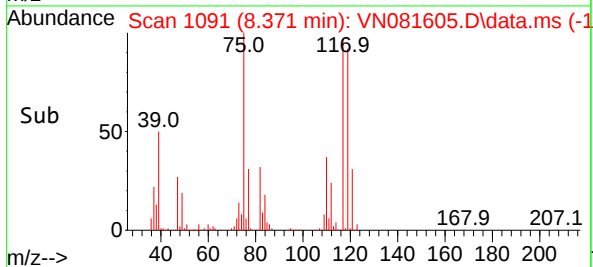
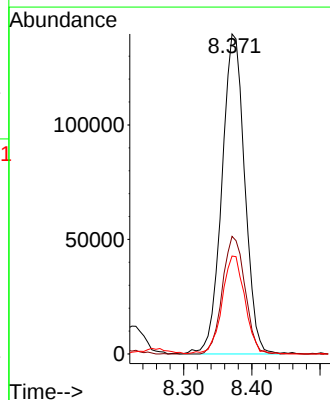
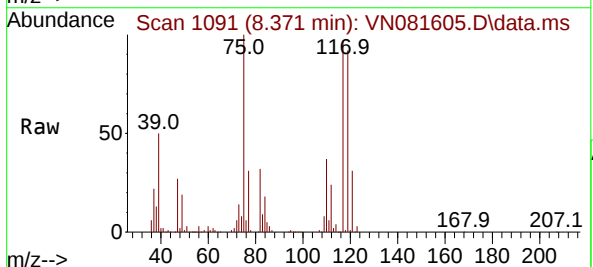
Delta R.T. 0.000 min

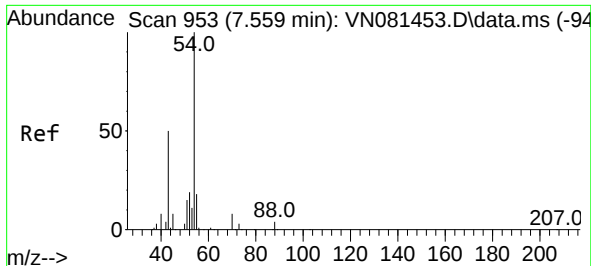
Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

Tgt Ion: 75 Resp: 325840

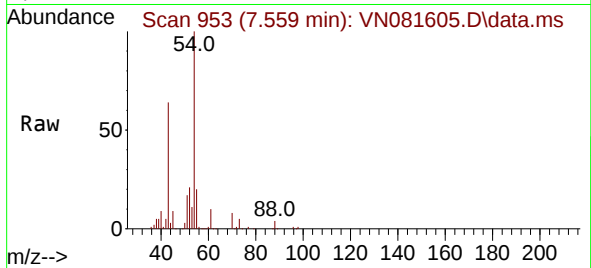
Ion	Ratio	Lower	Upper
75	100		
110	36.3	16.0	48.0
77	30.7	25.8	38.6





#37
Ethyl Acetate
Concen: 49.631 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

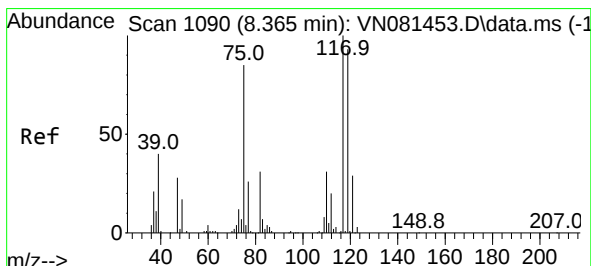
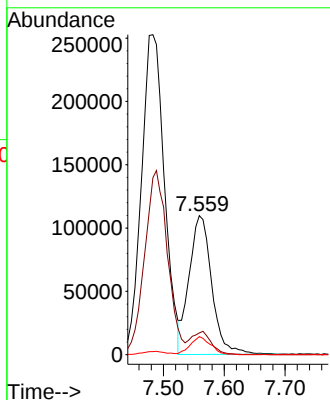
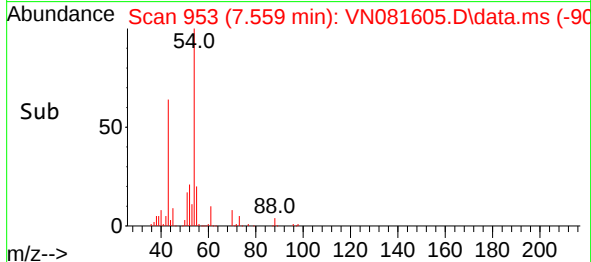
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 284268
Ion Ratio Lower Upper
43 100
61 14.7 10.6 15.8
70 11.6 8.0 12.0

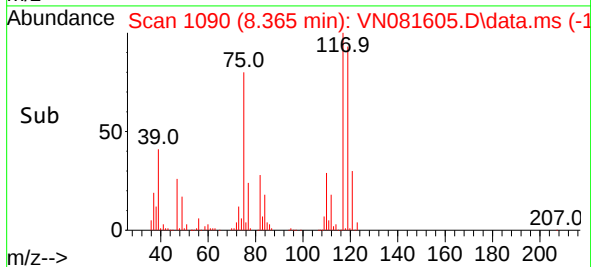
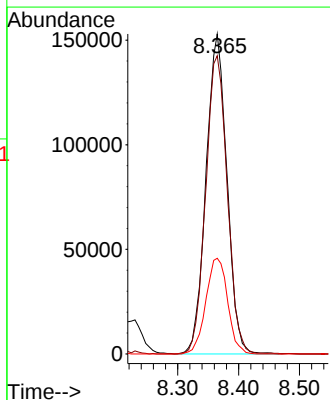
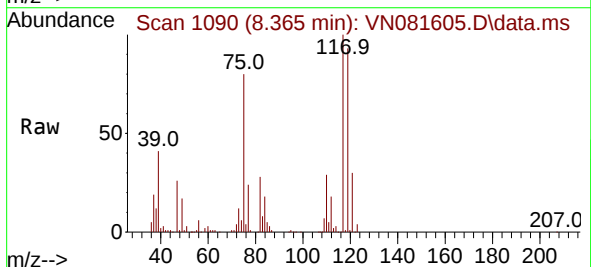
Manual Integrations
APPROVED

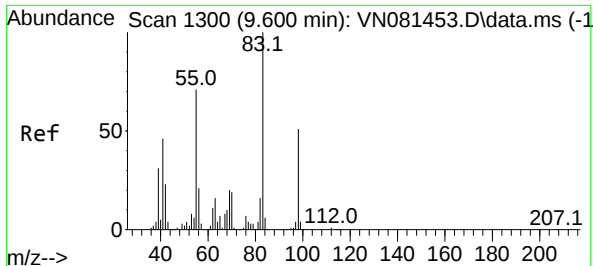
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#38
Carbon Tetrachloride
Concen: 49.888 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion:117 Resp: 365548
Ion Ratio Lower Upper
117 100
119 93.1 73.4 110.2
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 45.688 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

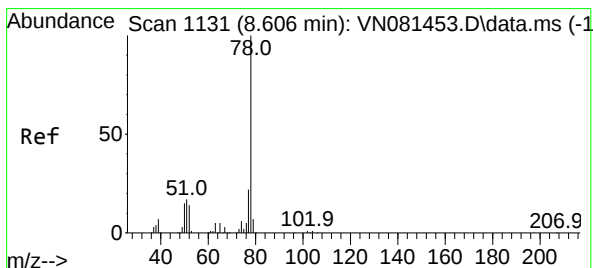
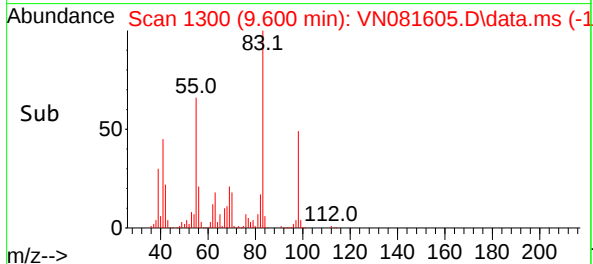
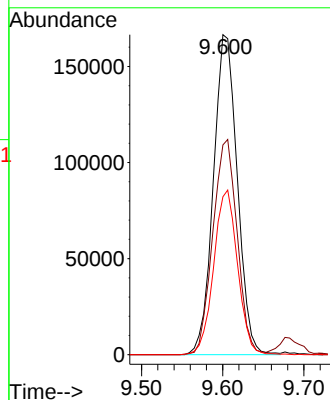
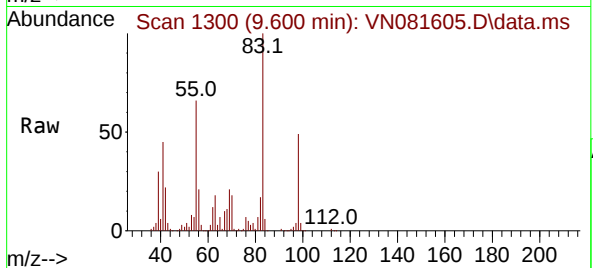
Tgt Ion:	83	Resp:	341272
Ion Ratio	Lower	Upper	
83	100		
55	65.6	65.7	98.5
98	49.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Benzene

Concen: 52.940 ug/l

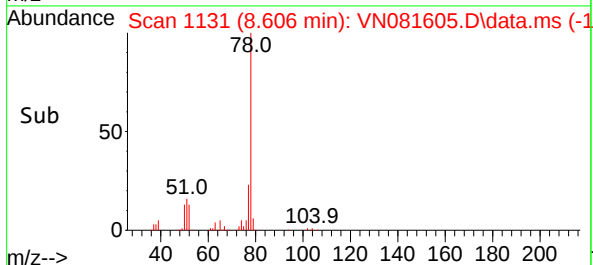
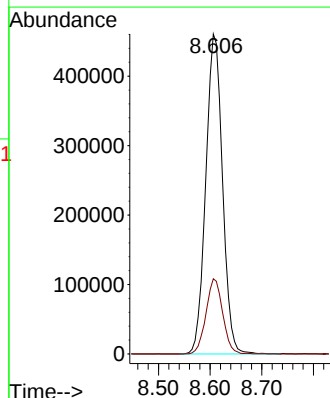
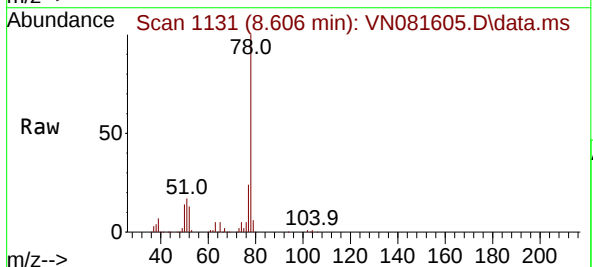
RT: 8.606 min Scan# 1131

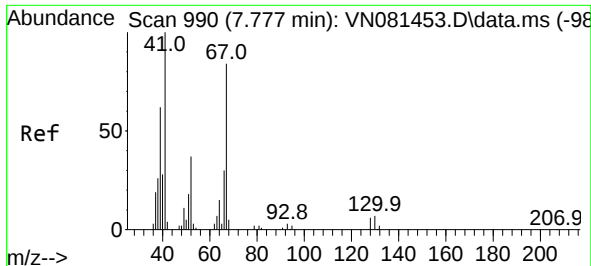
Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

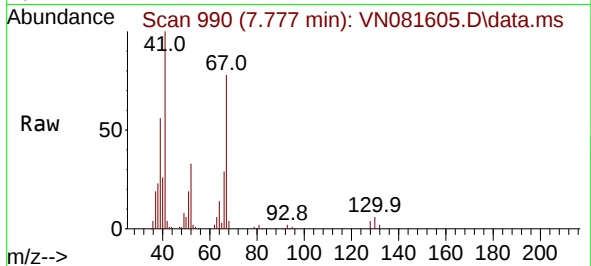
Tgt Ion:	78	Resp:	1035257
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.4	30.6





#41
Methacrylonitrile
Concen: 52.132 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

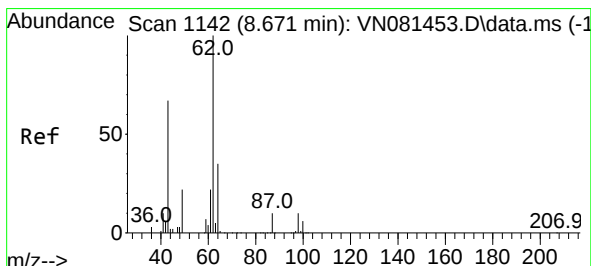
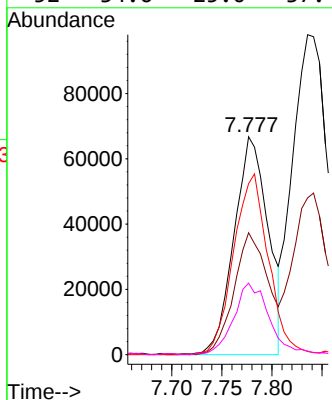
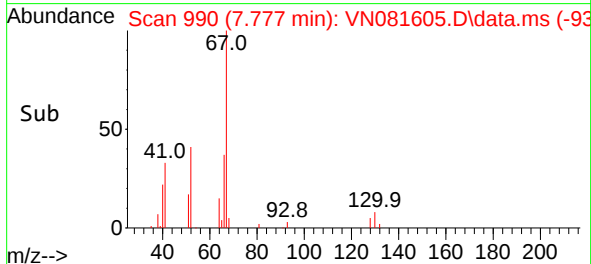
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



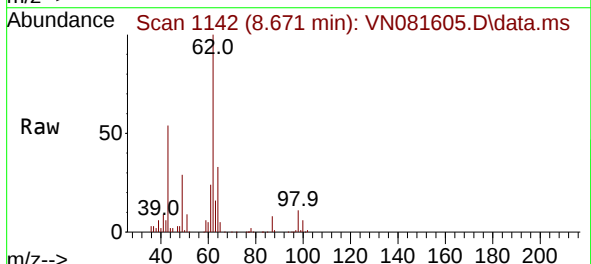
Tgt Ion: 41 Resp: 15790
Ion Ratio Lower Upper
41 100
39 56.0 48.4 72.6
67 84.8 56.8 85.2
52 34.6 25.0 37.4

Manual Integrations
APPROVED

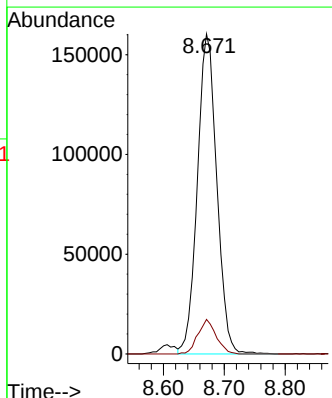
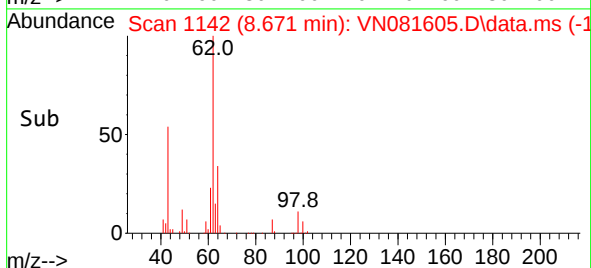
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

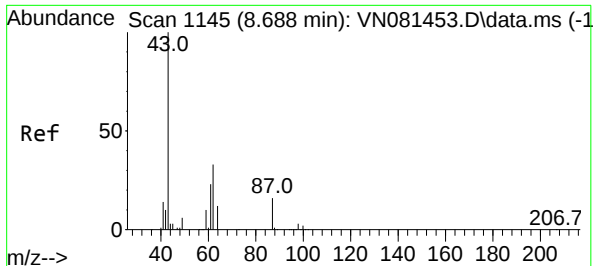


#42
1,2-Dichloroethane
Concen: 51.614 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



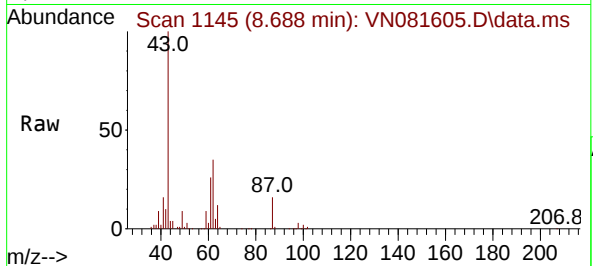
Tgt Ion: 62 Resp: 355201
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.080 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

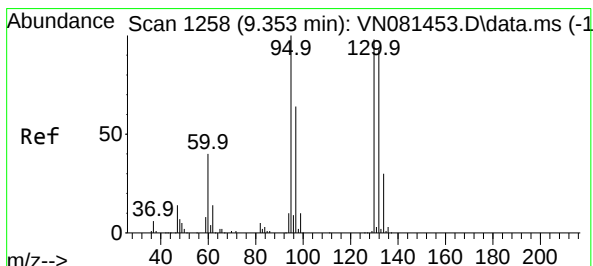
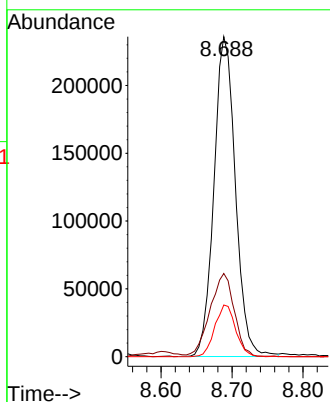
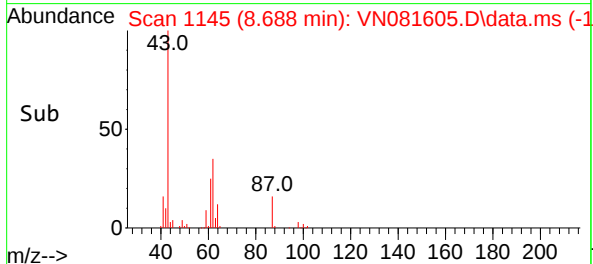
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49445
Ion Ratio Lower Upper
43 100
61 29.5 19.9 29.9
87 15.7 9.0 13.6

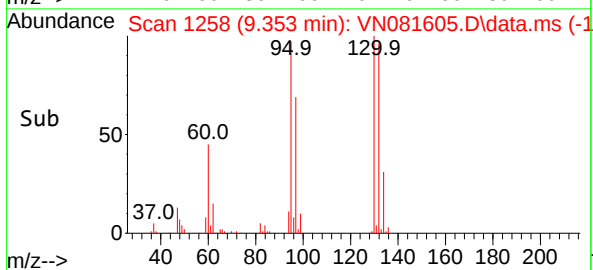
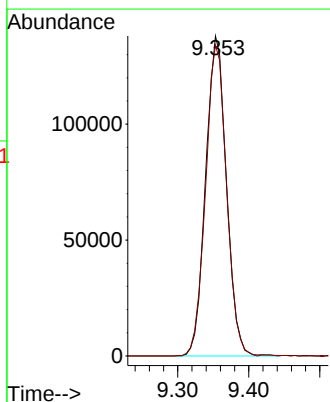
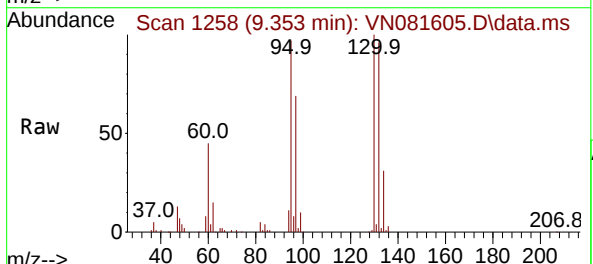
Manual Integrations
APPROVED

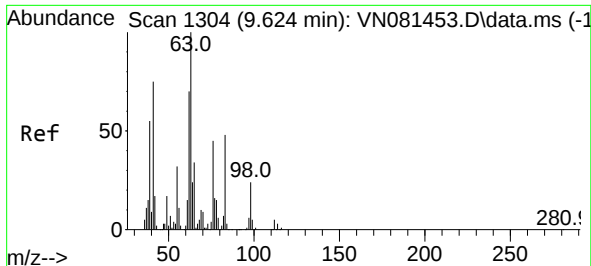
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#44
Trichloroethene
Concen: 50.920 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion:130 Resp: 280058
Ion Ratio Lower Upper
130 100
95 97.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.626 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 25888

Ion Ratio Lower Upper

63 100

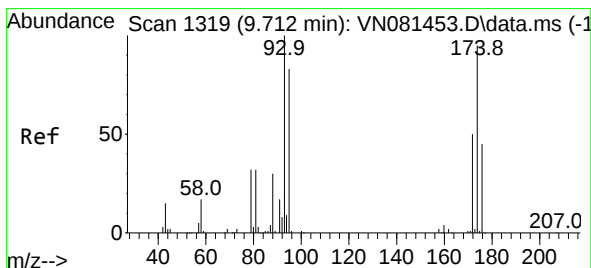
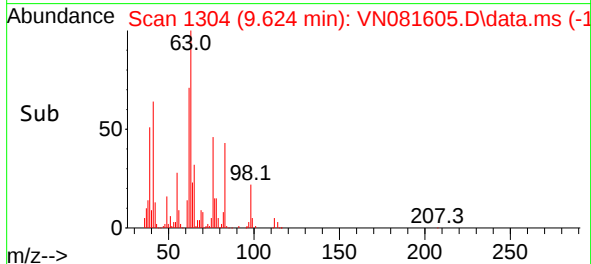
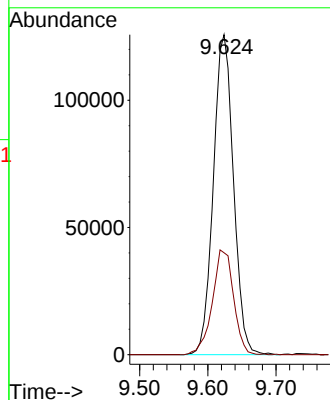
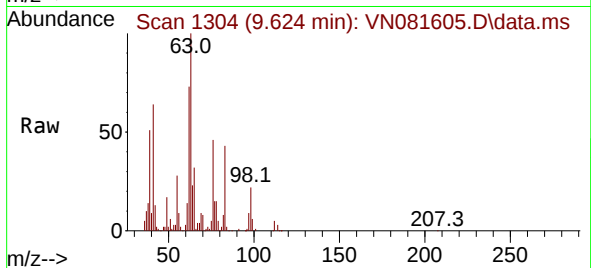
65 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#46

Dibromomethane

Concen: 54.707 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

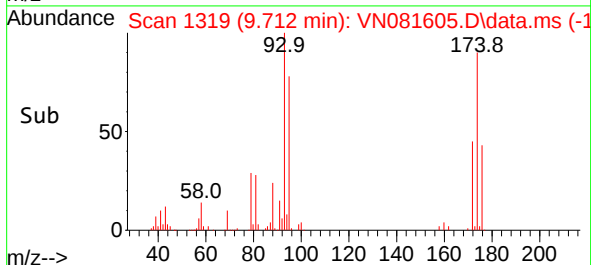
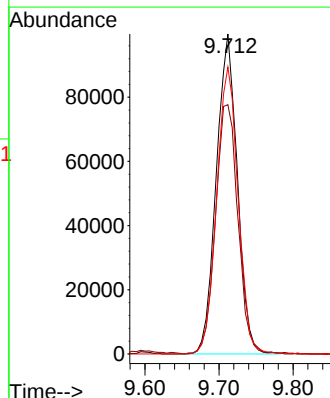
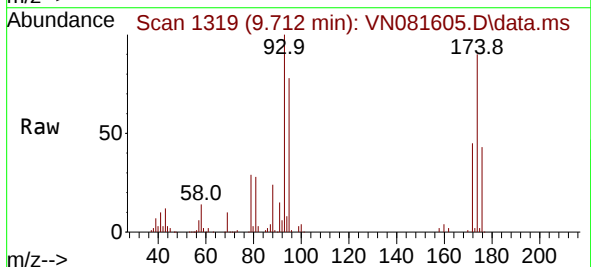
Tgt Ion: 93 Resp: 196895

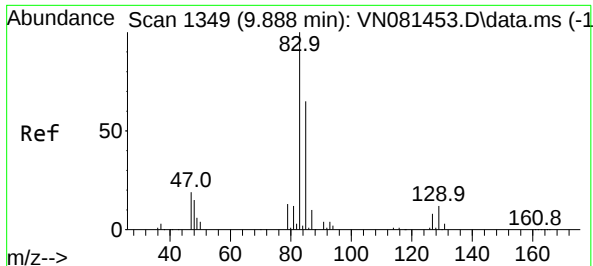
Ion Ratio Lower Upper

93 100

95 82.7 68.1 102.1

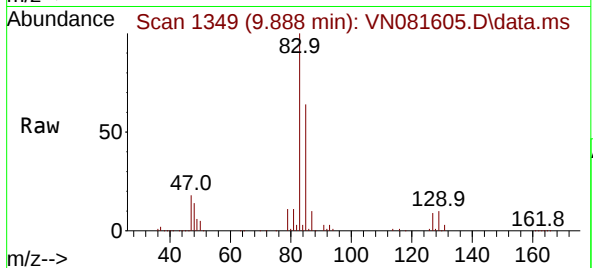
174 91.1 57.2 85.8





#47
Bromodichloromethane
Concen: 56.162 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

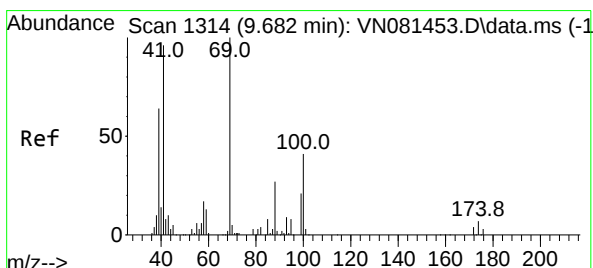
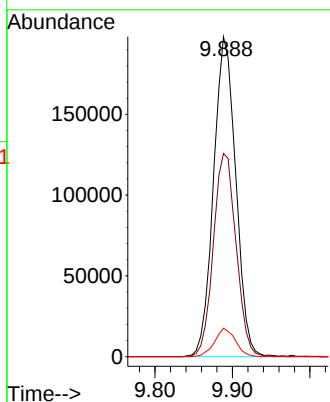
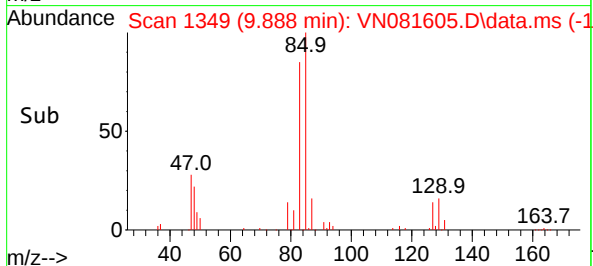
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 395204
Ion Ratio Lower Upper
83 100
85 63.5 52.3 78.5
127 8.9 4.6 7.0

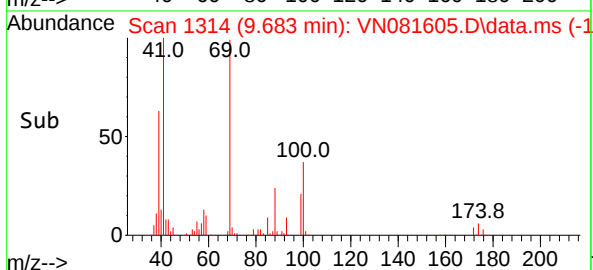
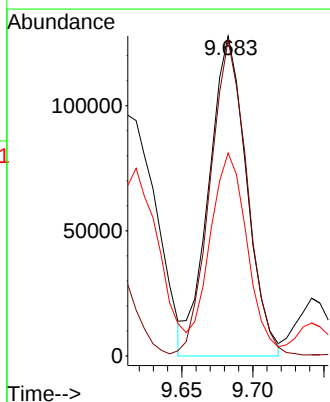
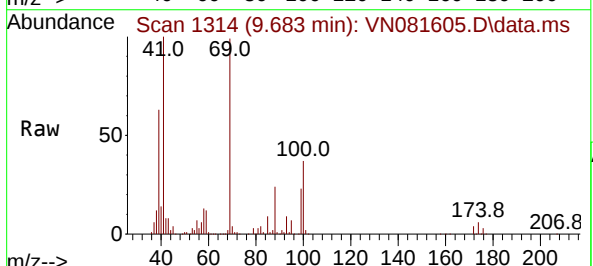
Manual Integrations
APPROVED

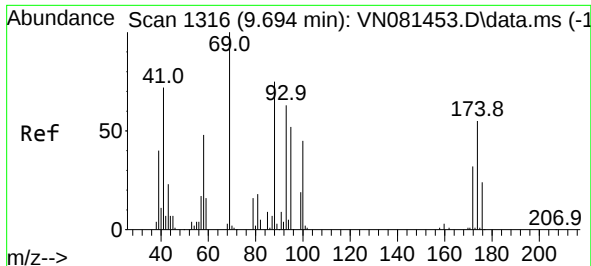
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
Methyl methacrylate
Concen: 53.986 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

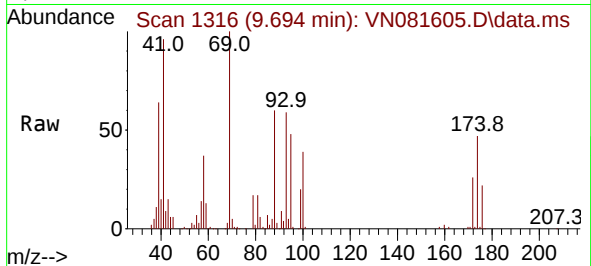
Tgt Ion: 41 Resp: 236408
Ion Ratio Lower Upper
41 100
69 96.1 62.2 93.2
39 62.7 47.6 71.4





#49
1,4-Dioxane
Concen: 946.099 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

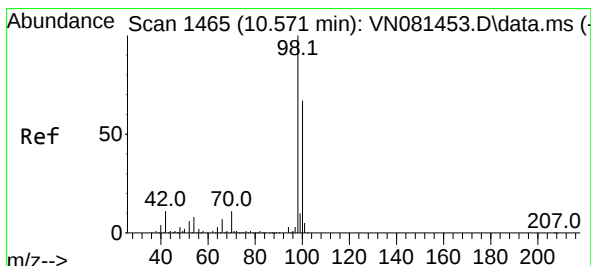
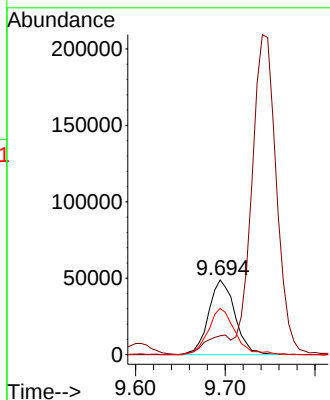
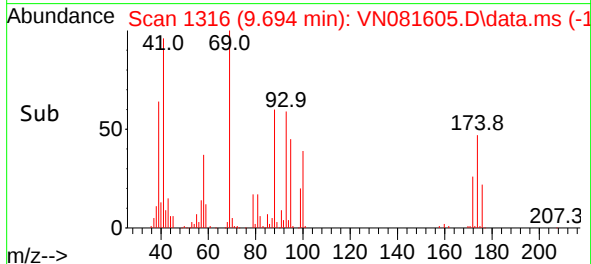
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 99564
Ion Ratio Lower Upper
88 100
43 25.0 30.1 45.1
58 63.0 63.9 95.9

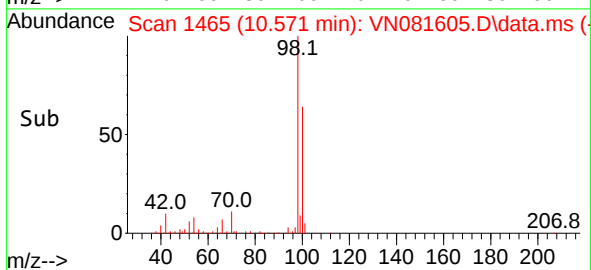
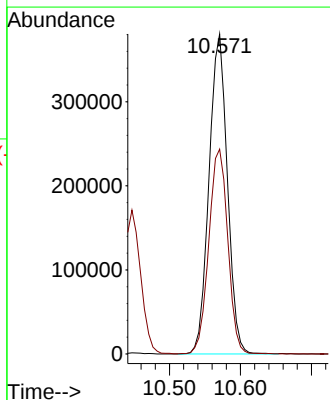
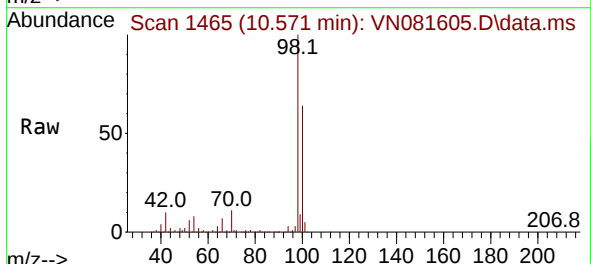
Manual Integrations
APPROVED

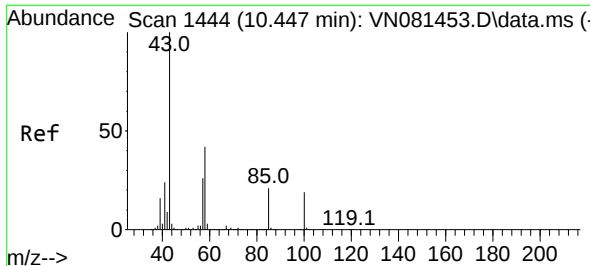
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#50
Toluene-d8
Concen: 47.492 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion: 98 Resp: 682356
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0





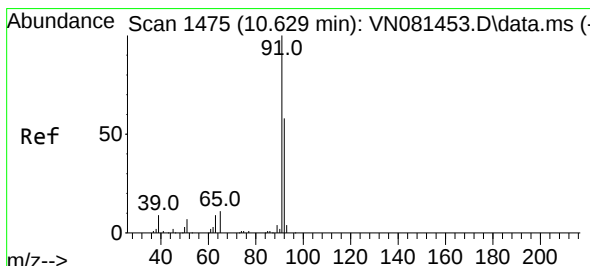
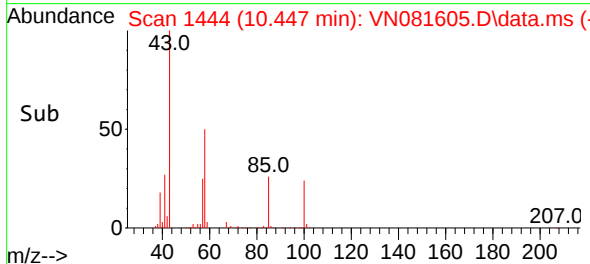
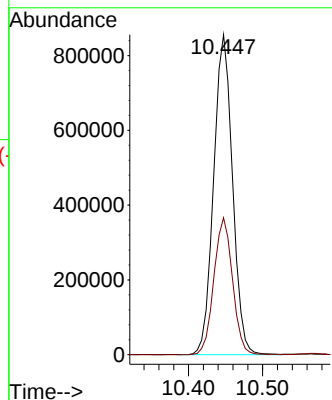
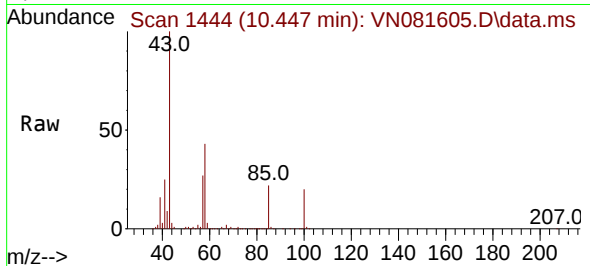
#51
4-Methyl-2-Pentanone
Concen: 260.979 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1511920
Ion Ratio Lower Upper
43 100
58 42.3 29.4 44.0

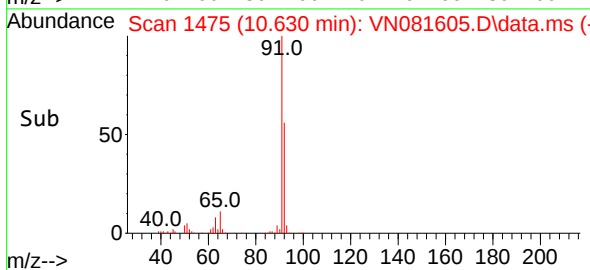
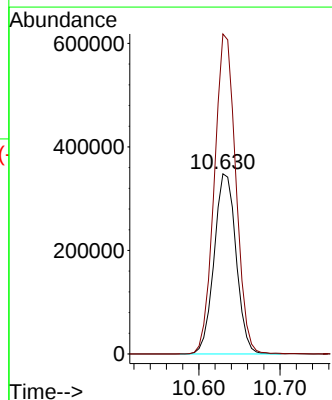
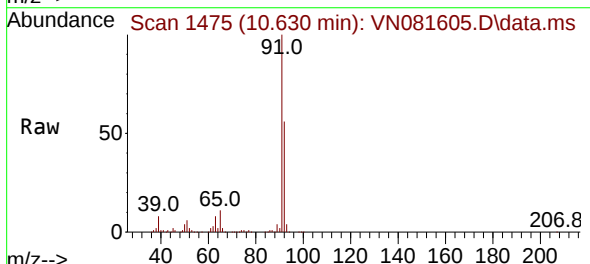
Manual Integrations
APPROVED

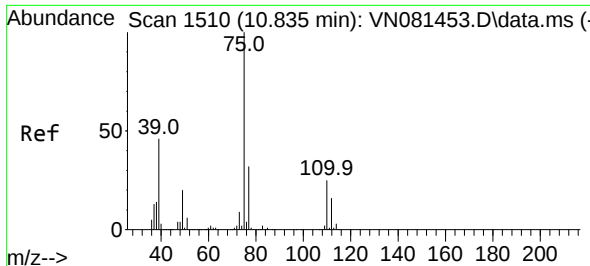
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#52
Toluene
Concen: 52.647 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

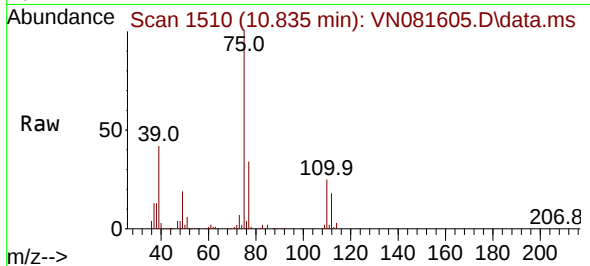
Tgt Ion: 92 Resp: 654361
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 52.488 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

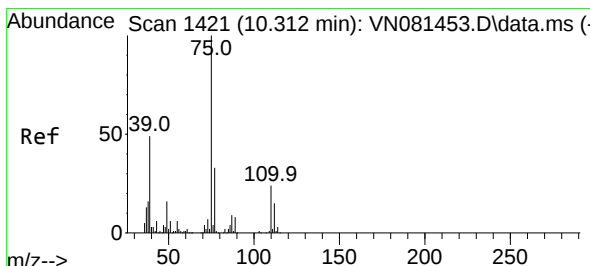
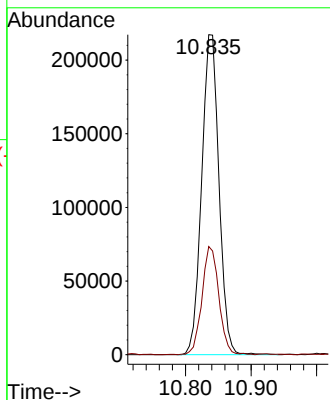
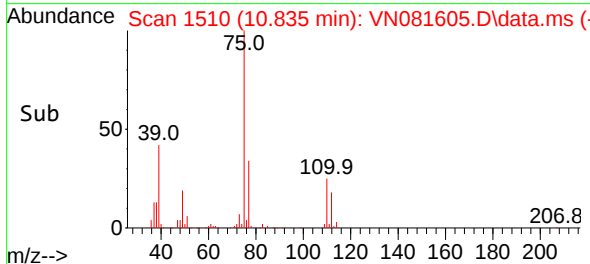
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 398820
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3

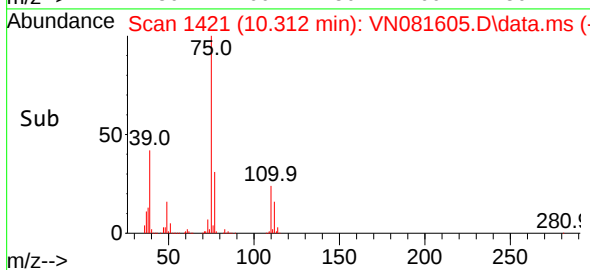
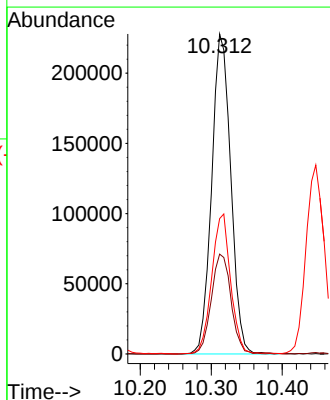
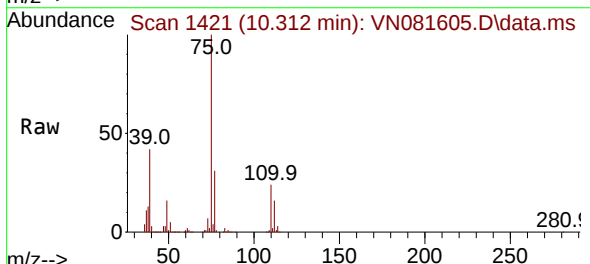
Manual Integrations
APPROVED

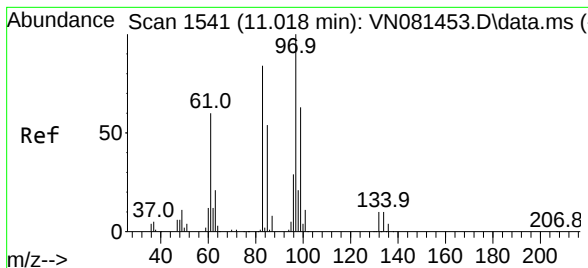
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#54
cis-1,3-Dichloropropene
Concen: 52.138 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

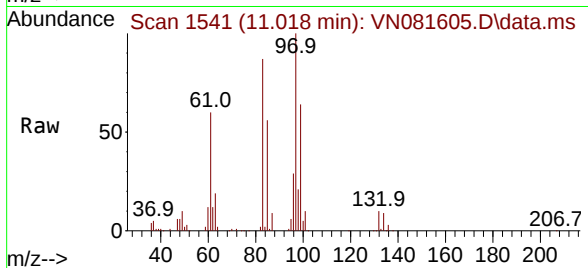
Tgt Ion: 75 Resp: 424754
Ion Ratio Lower Upper
75 100
77 31.2 23.3 34.9
39 42.3 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 56.004 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

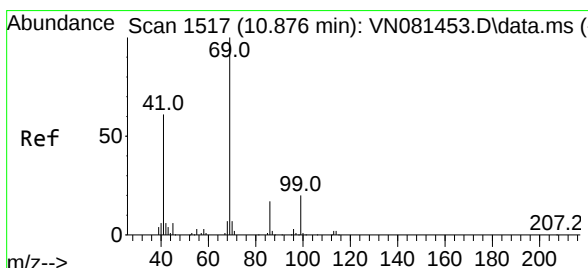
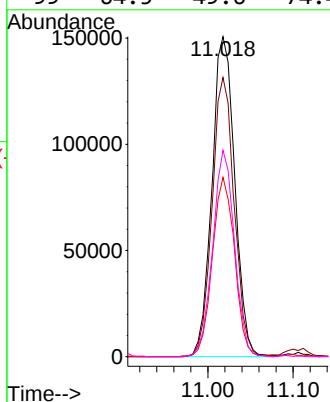
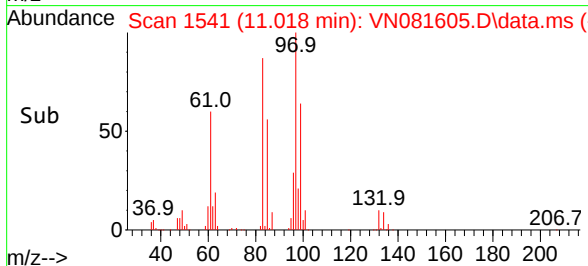
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



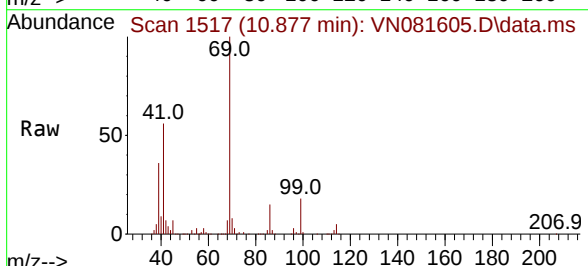
Tgt Ion: 97 Resp: 280135
Ion Ratio Lower Upper
97 100
83 87.3 72.9 109.3
85 56.0 50.2 75.2
99 64.5 49.6 74.4

Manual Integrations
APPROVED

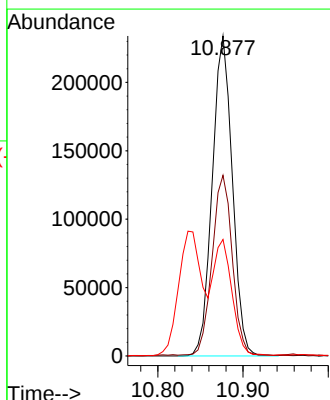
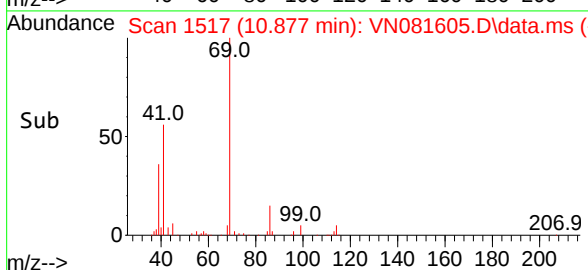
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

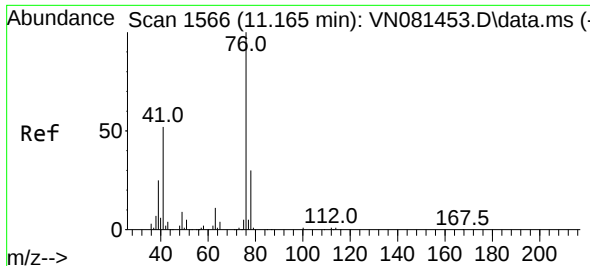


#56
Ethyl methacrylate
Concen: 51.244 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



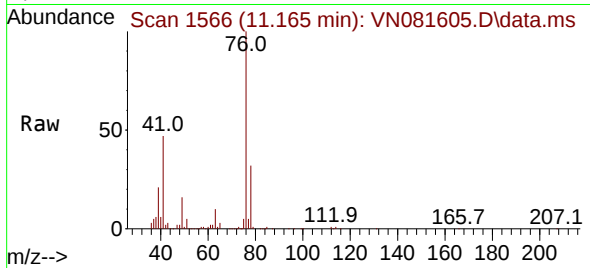
Tgt Ion: 69 Resp: 382638
Ion Ratio Lower Upper
69 100
41 56.4 61.0 91.6#
39 33.2 31.8 47.6





#57
1,3-Dichloropropane
Concen: 55.741 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

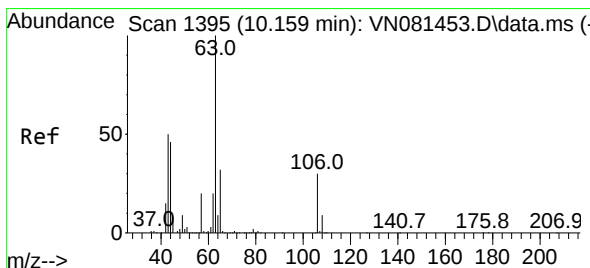
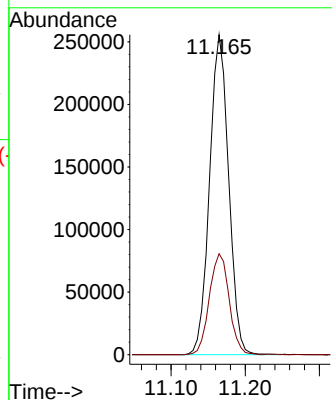
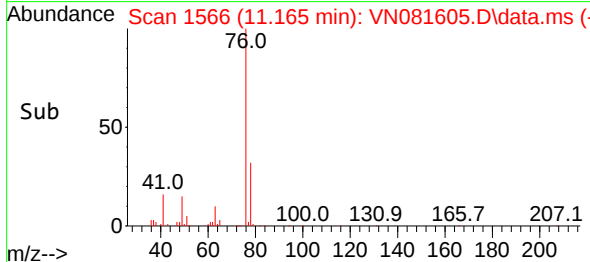
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 457073
Ion Ratio Lower Upper
76 100
78 32.7 25.5 38.3

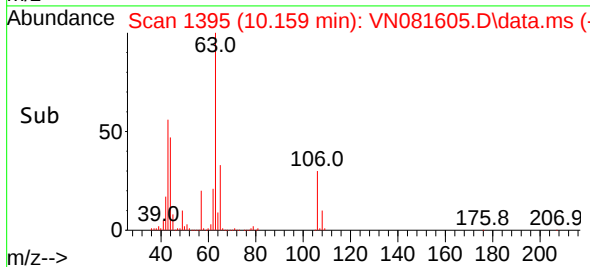
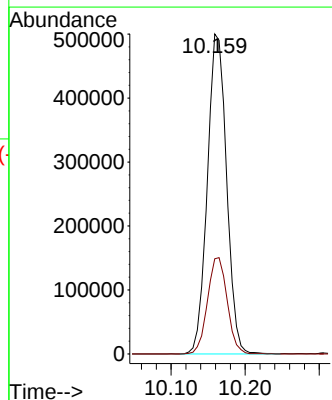
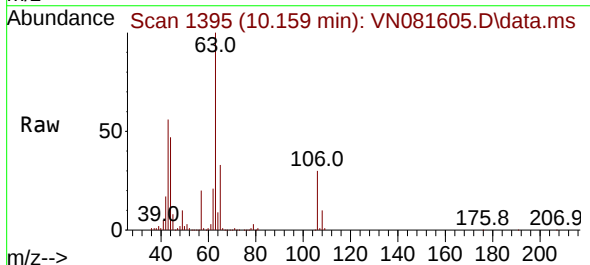
Manual Integrations
APPROVED

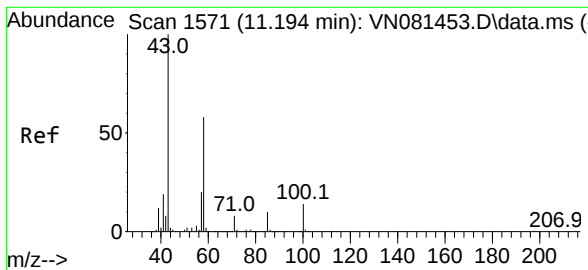
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 286.891 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion: 63 Resp: 902961
Ion Ratio Lower Upper
63 100
106 30.8 18.6 28.0#





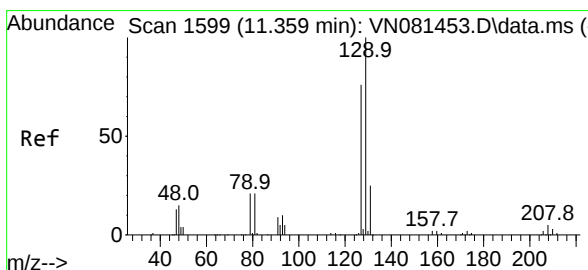
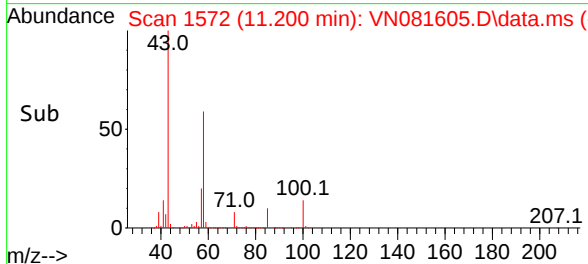
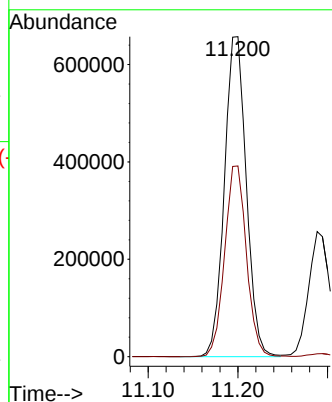
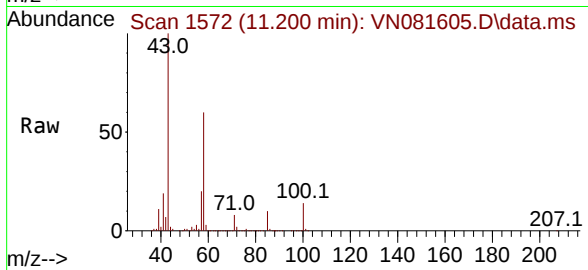
#59
2-Hexanone
Concen: 260.383 ug/l
RT: 11.200 min Scan# 1115274
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1115274
Ion Ratio Lower Upper
43 100
58 59.2 25.9 77.8

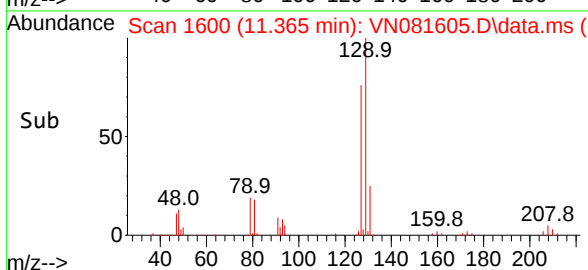
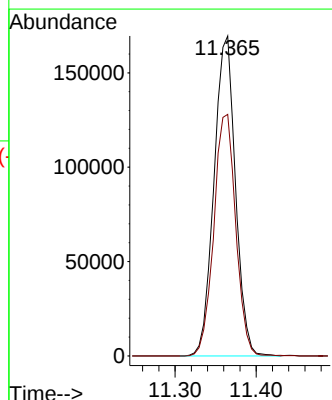
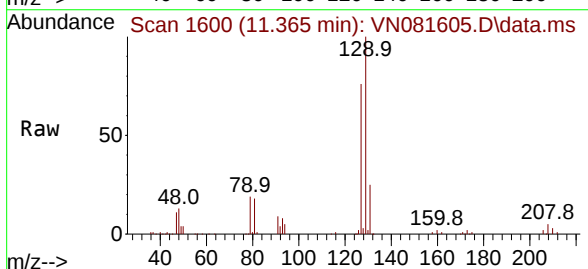
Manual Integrations
APPROVED

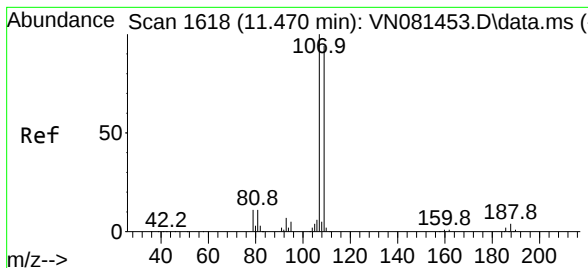
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#60
Dibromochloromethane
Concen: 56.591 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

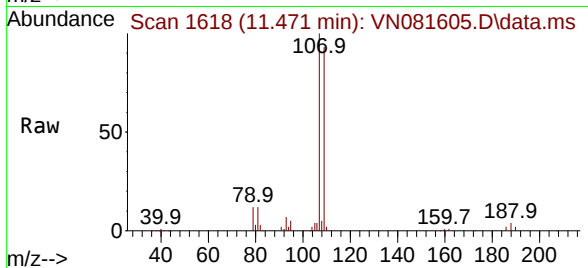
Tgt Ion:129 Resp: 311311
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 54.516 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

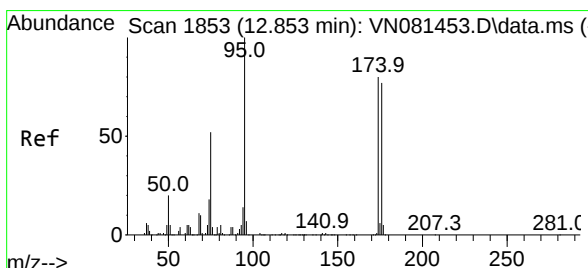
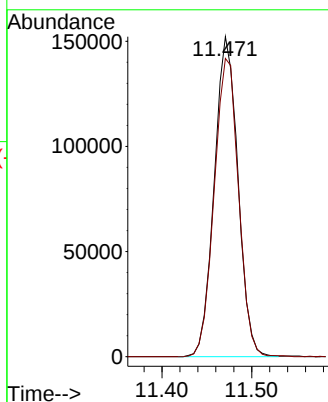
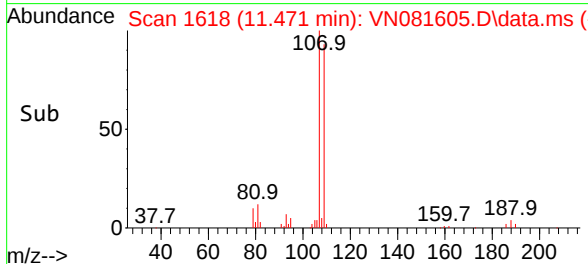
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 278015
Ion Ratio Lower Upper
107 100
109 96.2 73.4 110.2

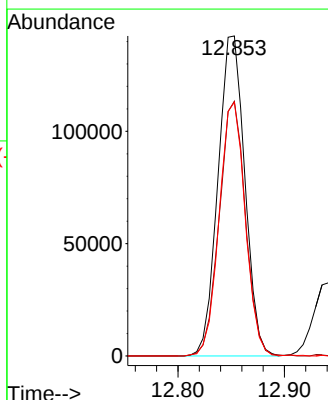
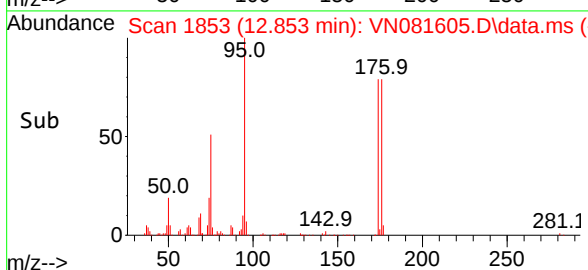
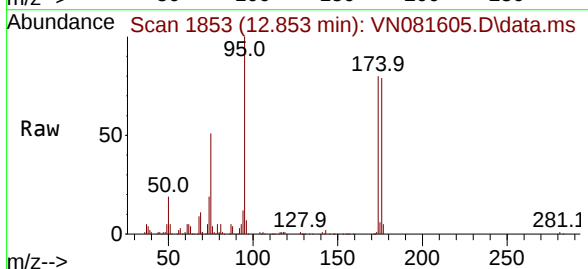
Manual Integrations
APPROVED

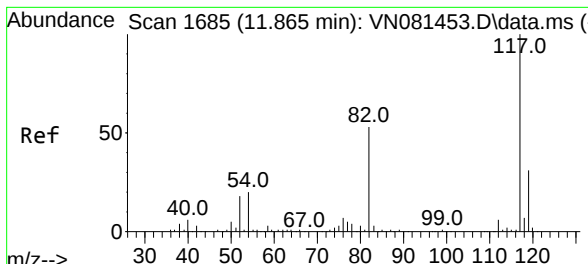
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#62
4-Bromofluorobenzene
Concen: 49.189 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

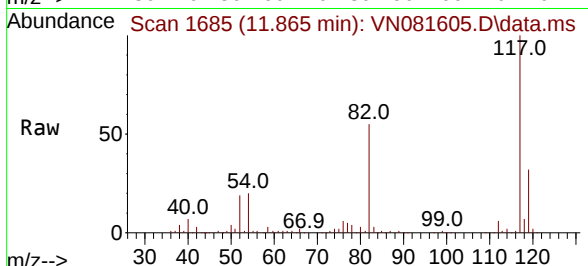
Tgt Ion: 95 Resp: 249026
Ion Ratio Lower Upper
95 100
174 77.8 0.0 120.4
176 76.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

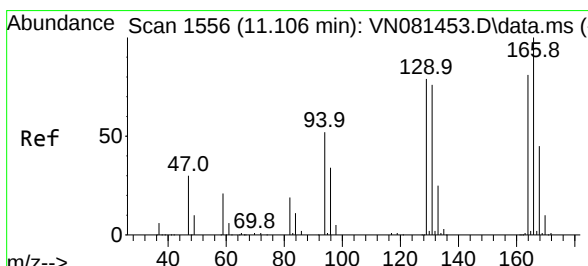
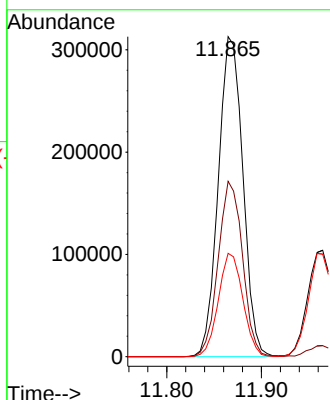
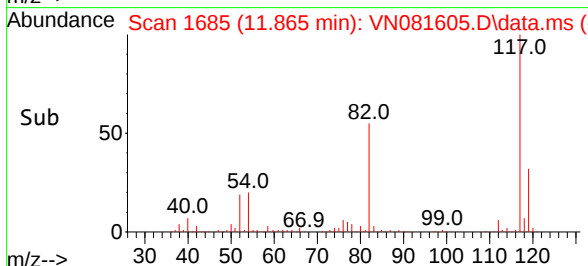
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



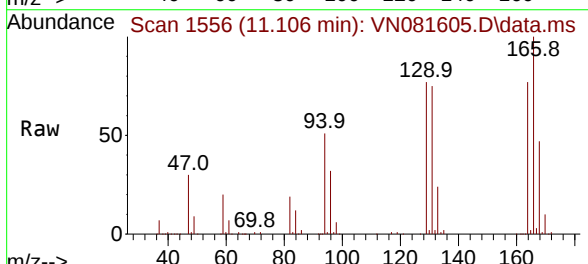
Tgt Ion:117 Resp: 565279
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 32.3 25.3 37.9

Manual Integrations
APPROVED

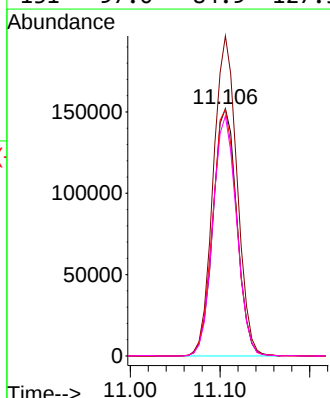
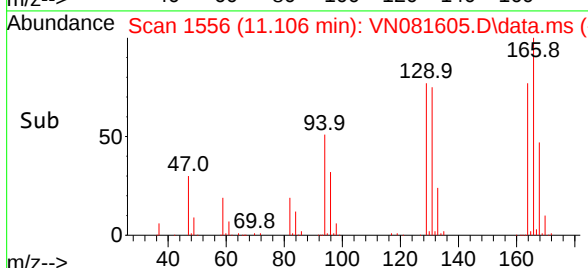
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

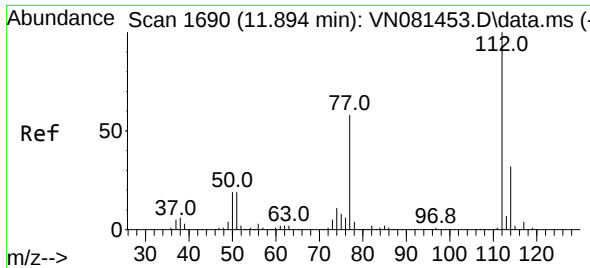


#64
Tetrachloroethene
Concen: 51.857 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



Tgt Ion:164 Resp: 280204
Ion Ratio Lower Upper
164 100
166 129.3 105.8 158.6
129 99.7 89.6 134.4
131 97.0 84.9 127.3





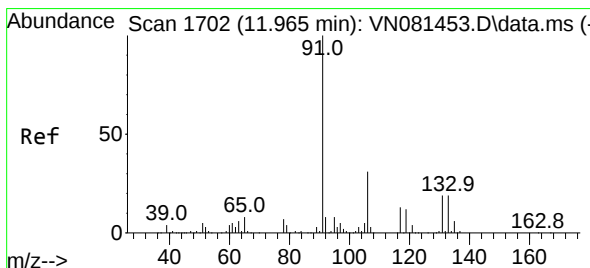
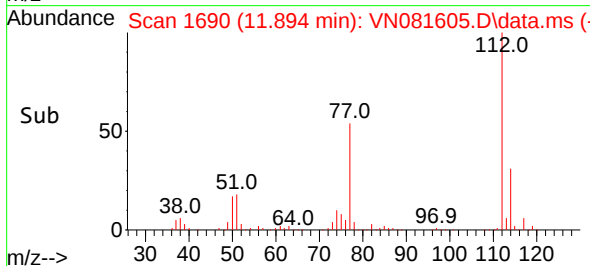
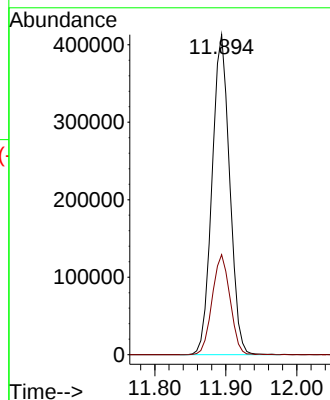
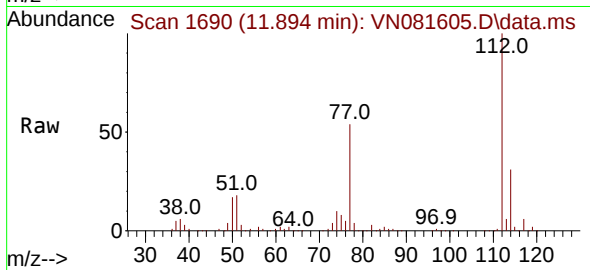
#65
Chlorobenzene
Concen: 53.156 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 710332
Ion Ratio Lower Upper
112 100
114 31.3 23.7 35.5

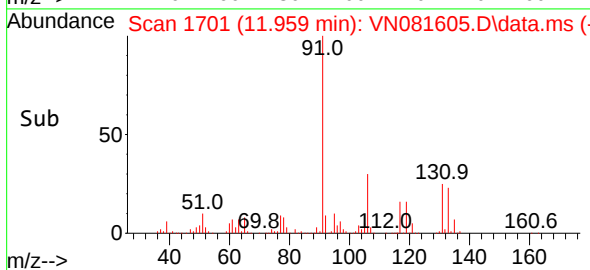
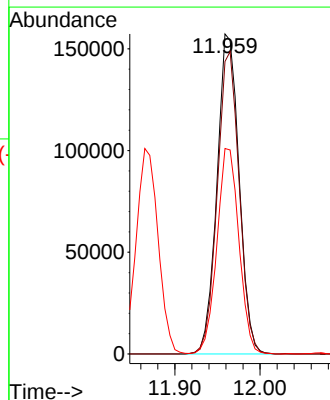
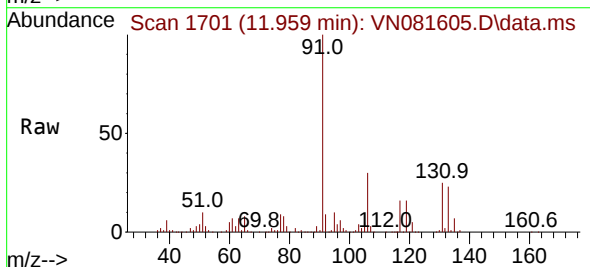
Manual Integrations
APPROVED

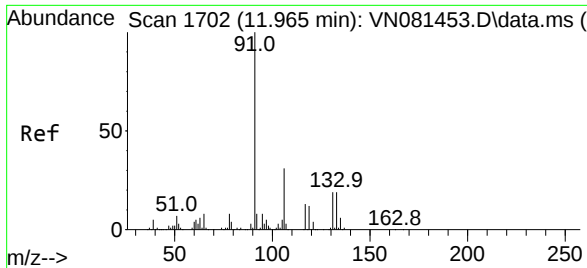
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.169 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion:131 Resp: 283144
Ion Ratio Lower Upper
131 100
133 93.6 46.8 140.3
119 64.2 34.6 103.9





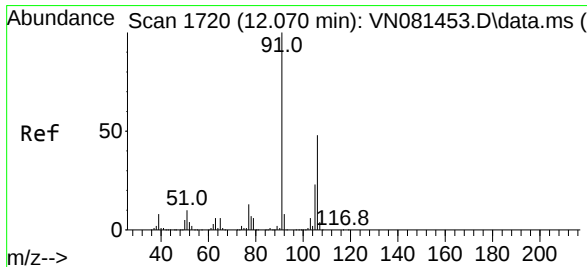
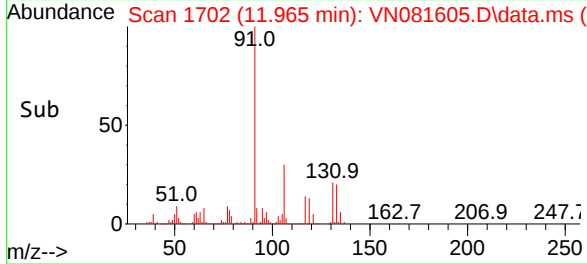
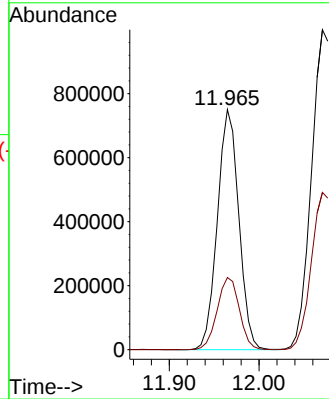
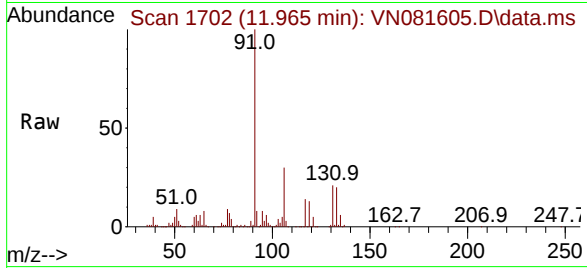
#67
Ethyl Benzene
Concen: 53.596 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 124411
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

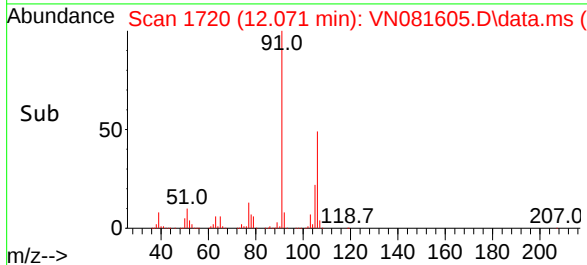
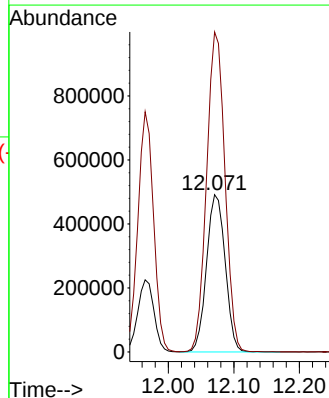
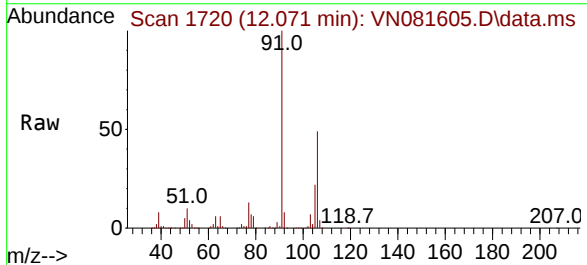
Manual Integrations
APPROVED

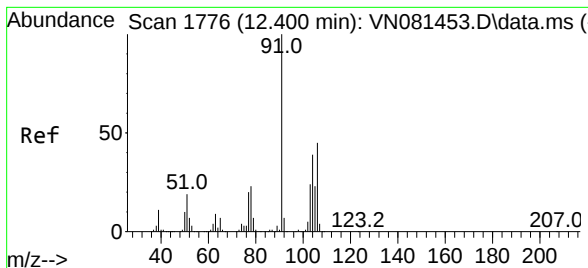
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#68
m/p-Xylenes
Concen: 111.630 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion:106 Resp: 971420
Ion Ratio Lower Upper
106 100
91 200.0 169.0 253.6





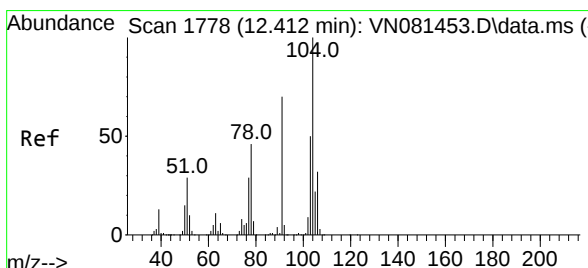
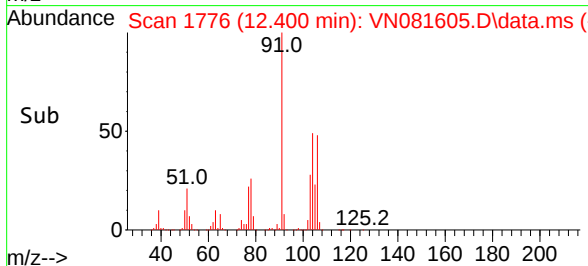
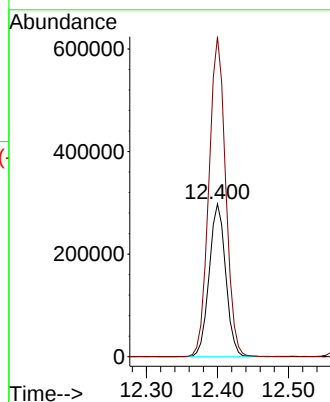
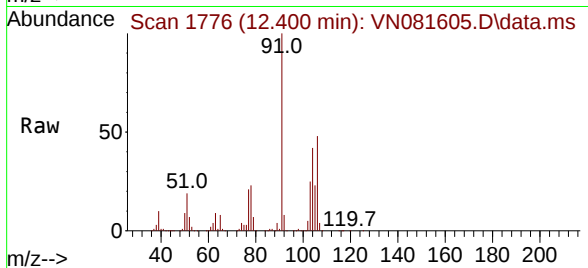
#69
o-Xylene
Concen: 56.327 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 481209
Ion Ratio Lower Upper
106 100
91 212.7 112.1 336.3

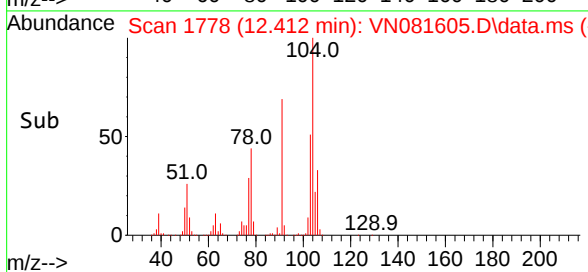
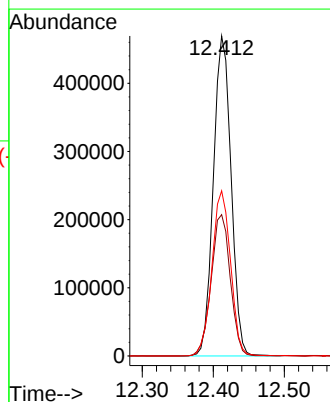
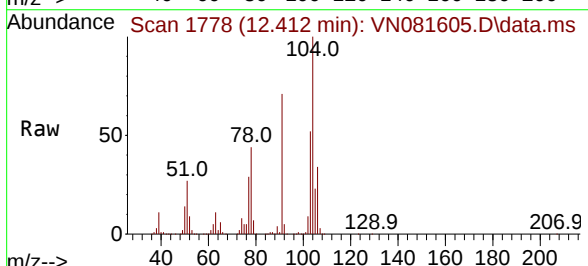
Manual Integrations
APPROVED

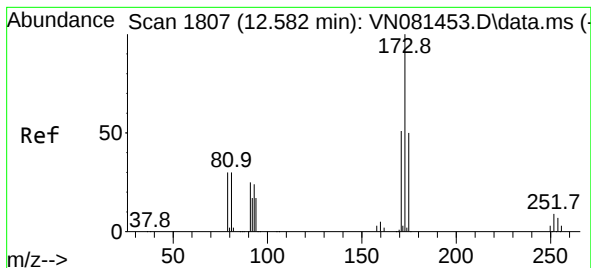
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#70
Styrene
Concen: 58.988 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion:104 Resp: 812756
Ion Ratio Lower Upper
104 100
78 47.7 43.8 65.8
103 54.2 44.2 66.2





#71

Bromoform

Concen: 55.180 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 205369

Ion Ratio Lower Upper

173 100

175 49.1 23.1 69.2

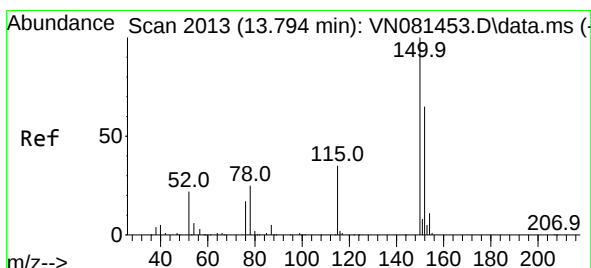
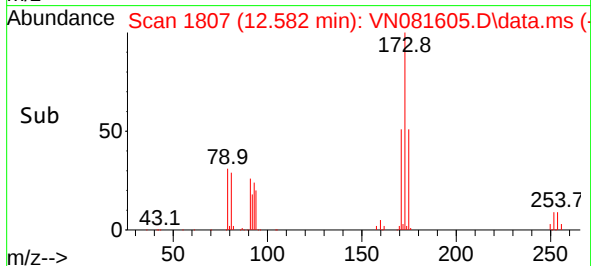
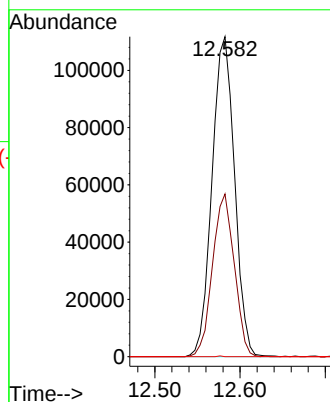
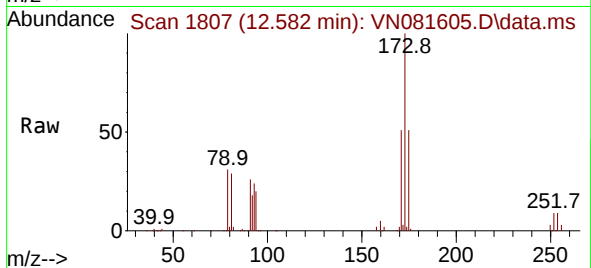
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081605.D

Acq: 28 Mar 2024 18:28

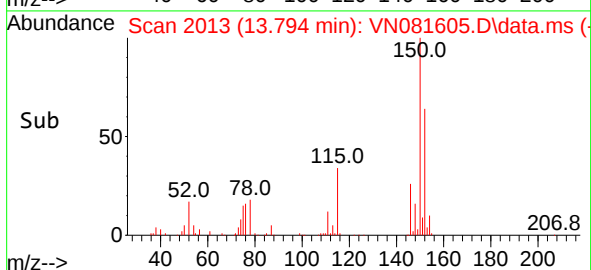
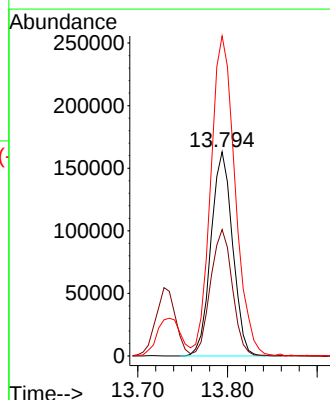
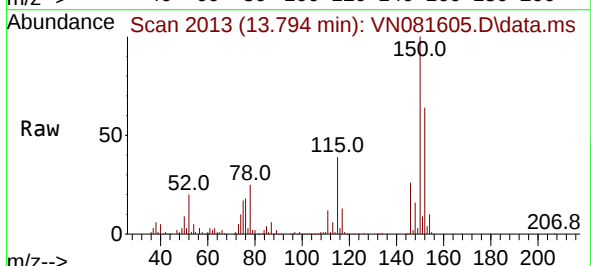
Tgt Ion:152 Resp: 273097

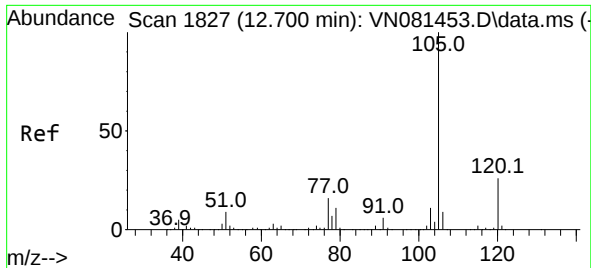
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

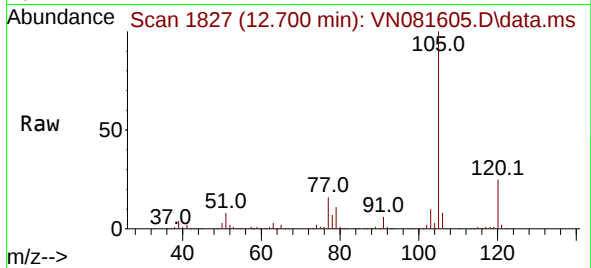
150 175.4 0.0 339.8





#73
Isopropylbenzene
Concen: 52.283 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

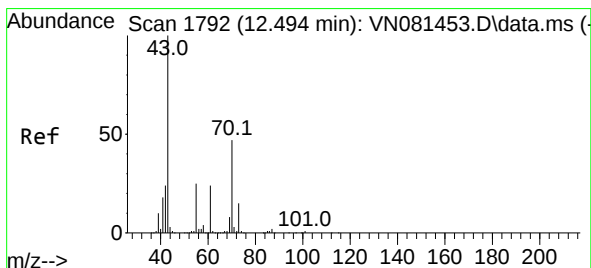
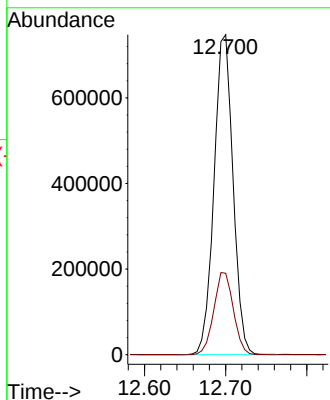
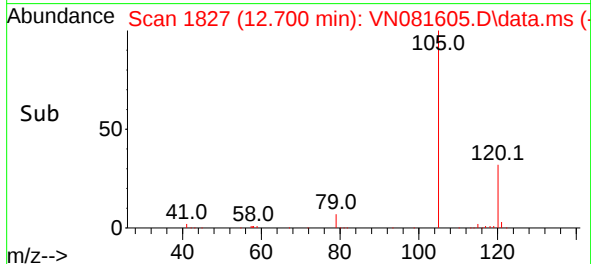
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



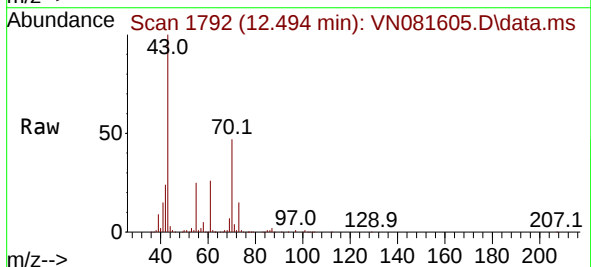
Tgt Ion:105 Resp: 1217092
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

Manual Integrations
APPROVED

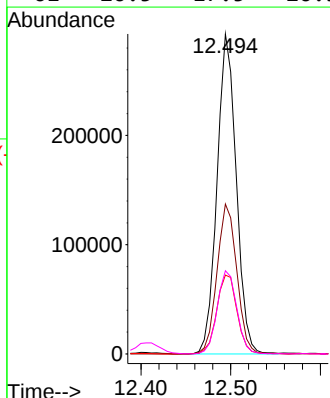
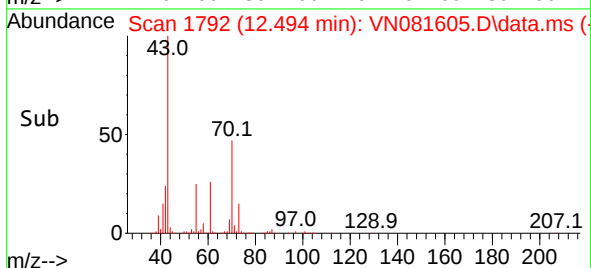
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

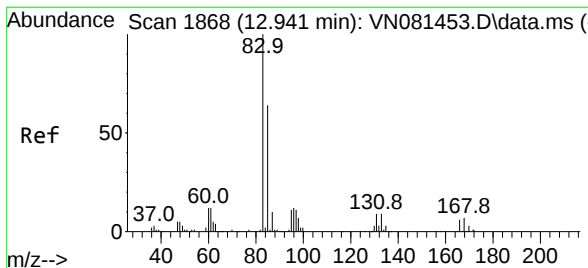


#74
N-ethyl acetate
Concen: 51.785 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



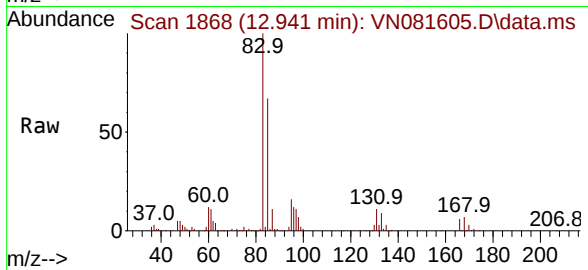
Tgt Ion: 43 Resp: 436257
Ion Ratio Lower Upper
43 100
70 48.2 30.1 45.1#
55 26.1 17.0 25.4#
61 26.5 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 50.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

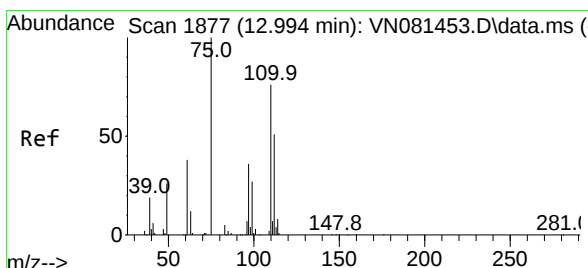
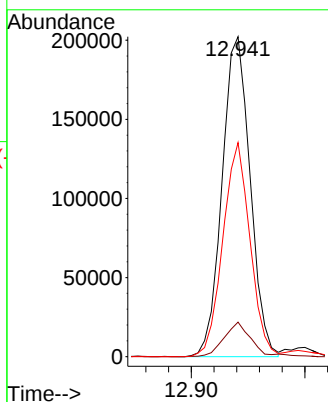
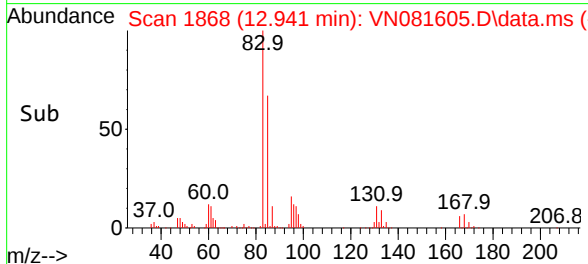
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



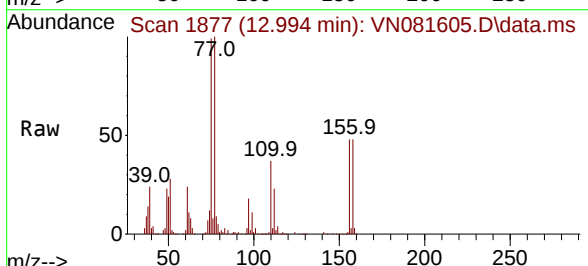
Tgt Ion: 83 Resp: 34692
Ion Ratio Lower Upper
83 100
131 10.6 4.1 12.3
85 64.8 32.1 96.3

Manual Integrations
APPROVED

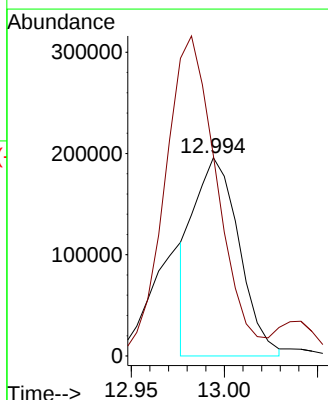
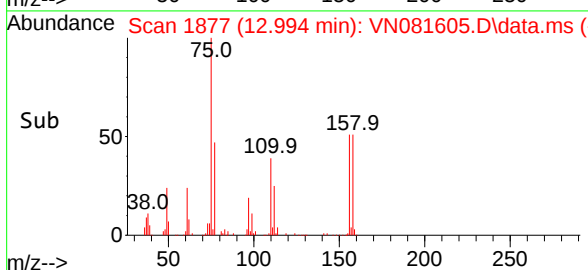
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

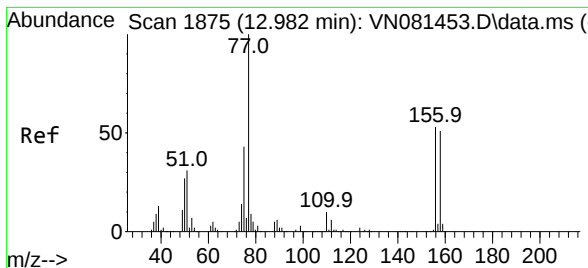


#76
1,2,3-Trichloropropane
Concen: 50.895 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



Tgt Ion: 75 Resp: 332478
Ion Ratio Lower Upper
75 100
77 186.3 91.0 272.8





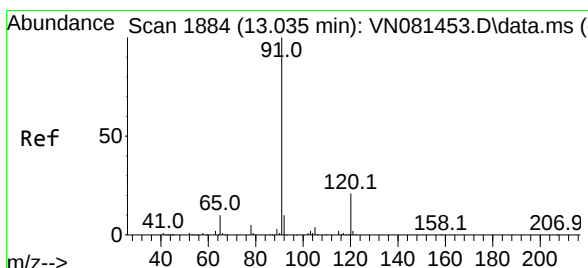
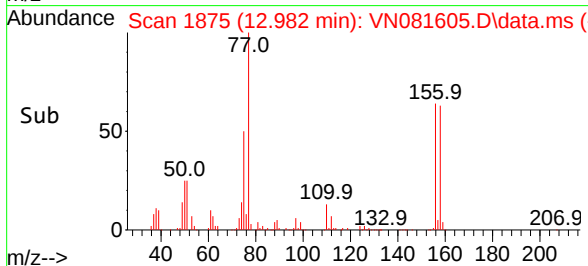
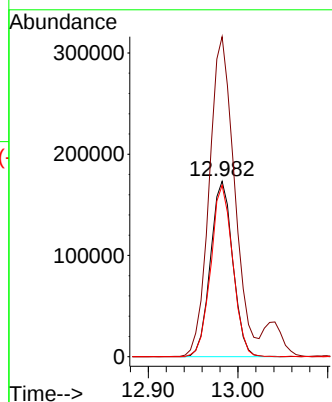
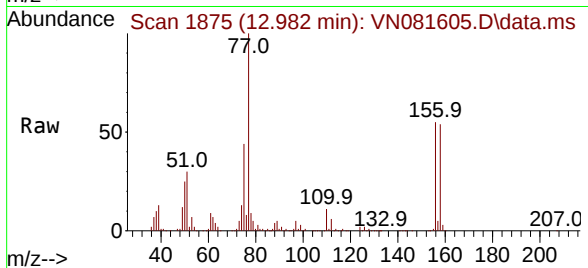
#77
Bromobenzene
Concen: 51.946 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 298710
Ion Ratio Lower Upper
156 100
77 207.3 138.1 414.3
158 96.2 46.5 139.5

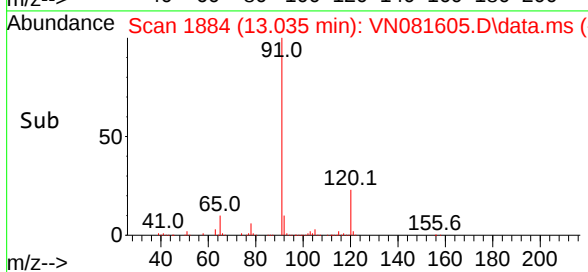
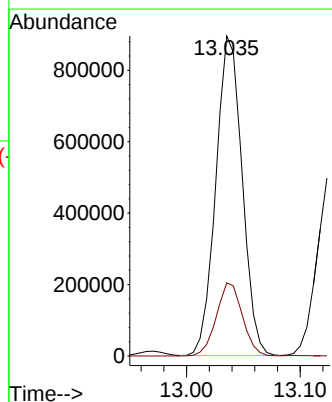
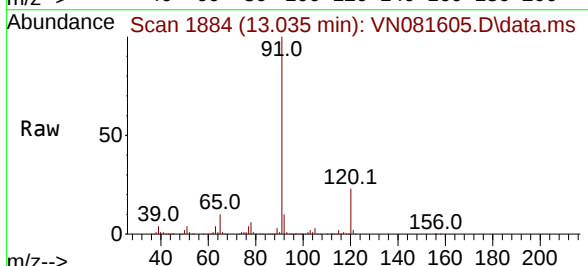
Manual Integrations
APPROVED

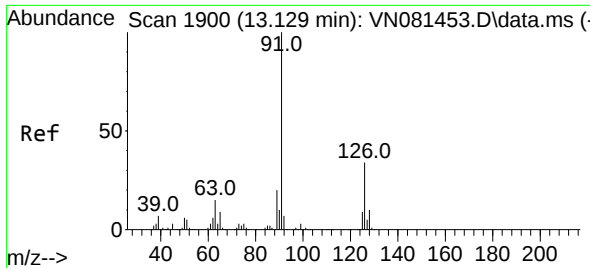
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#78
n-propylbenzene
Concen: 52.402 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion: 91 Resp: 1440590
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





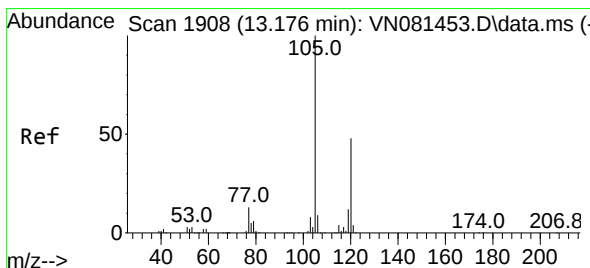
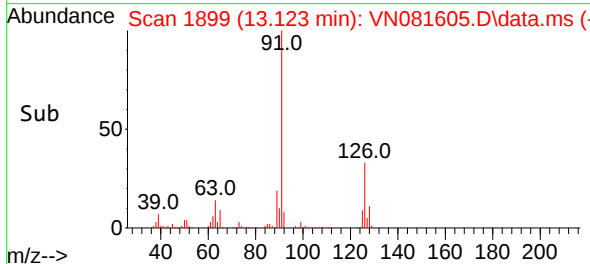
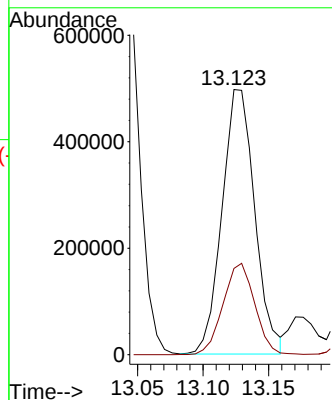
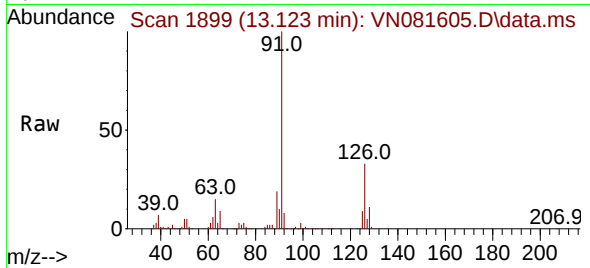
#79
2-Chlorotoluene
Concen: 52.534 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 864390
Ion Ratio Lower Upper
91 100
126 33.5 14.8 44.4

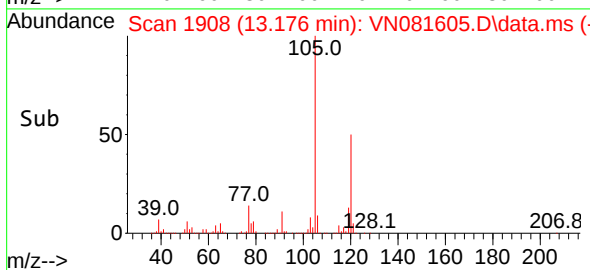
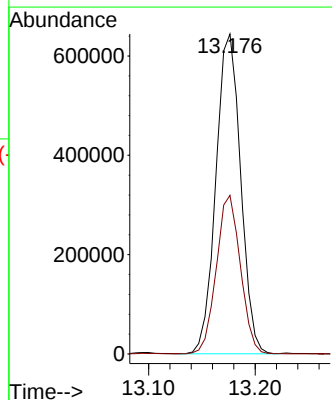
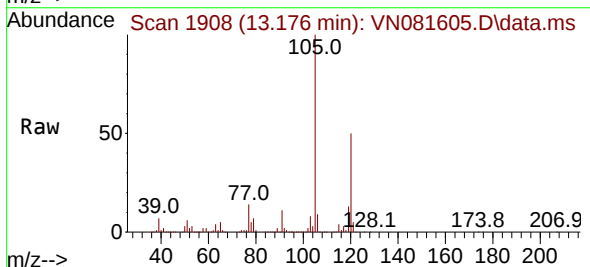
Manual Integrations
APPROVED

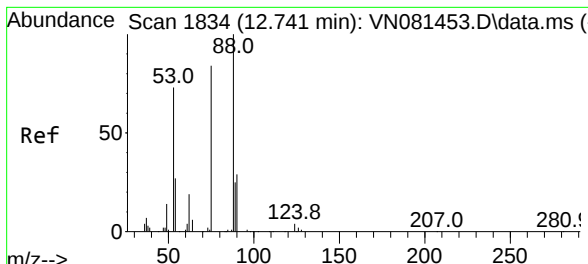
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.947 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

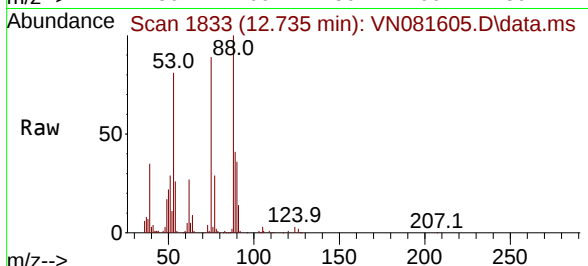
Tgt Ion:105 Resp: 1037262
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.947 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

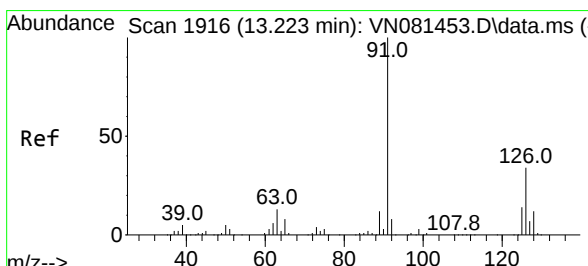
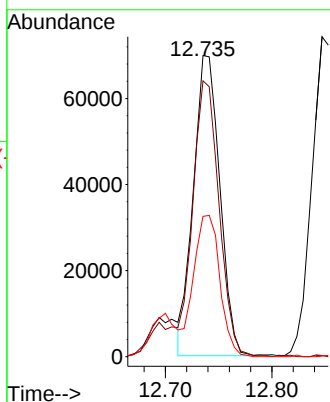
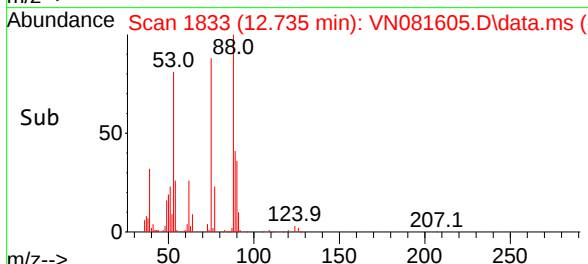


Tgt Ion: 75 Resp: 12074

Ion	Ratio	Lower	Upper
75	100		
53	95.0	71.4	107.2
89	47.3	33.4	50.0

Manual Integrations
 APPROVED

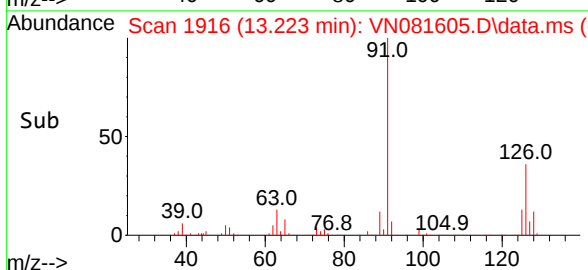
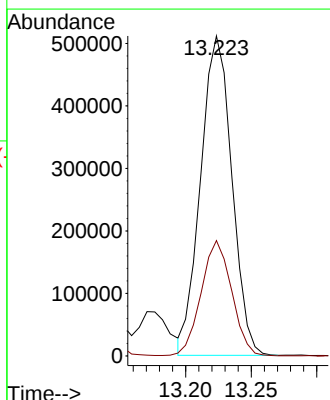
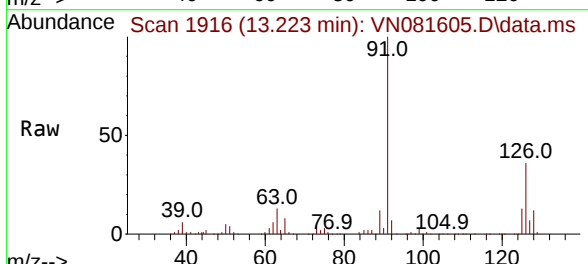
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

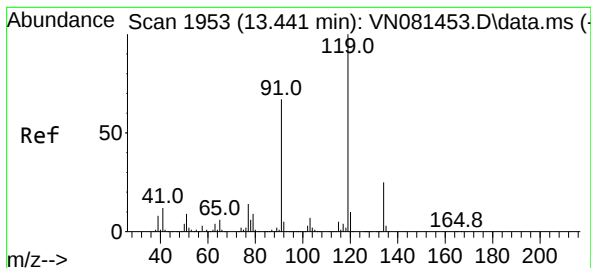


#82
 4-Chlorotoluene
 Concen: 52.214 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

Tgt Ion: 91 Resp: 847024

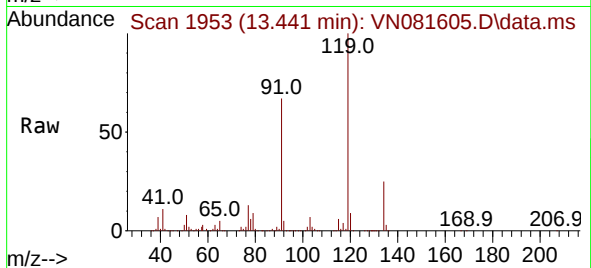
Ion	Ratio	Lower	Upper
91	100		
126	35.3	15.3	45.9





#83
tert-Butylbenzene
Concen: 52.833 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

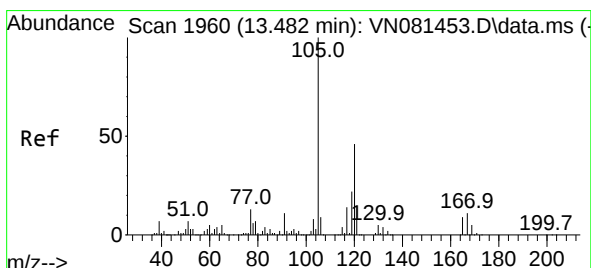
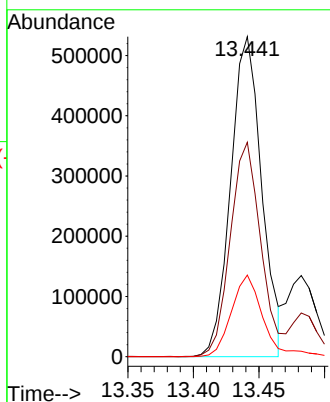
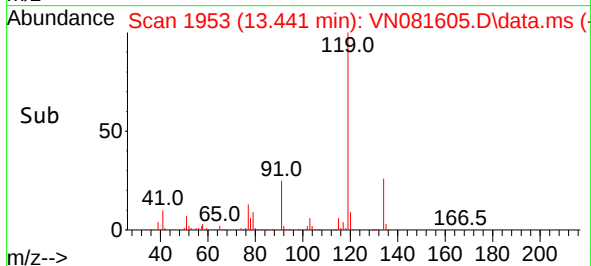
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



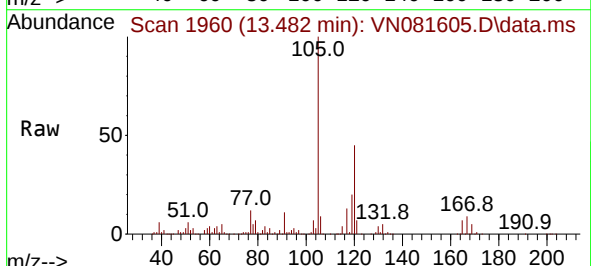
Tgt Ion:119 Resp: 875990
Ion Ratio Lower Upper
119 100
91 66.7 36.8 110.4
134 26.0 12.4 37.4

Manual Integrations
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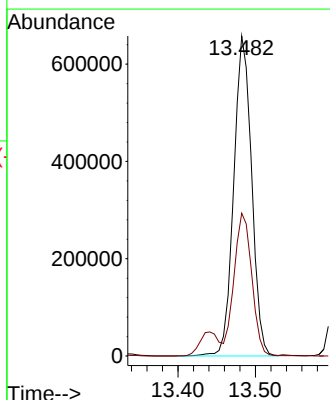
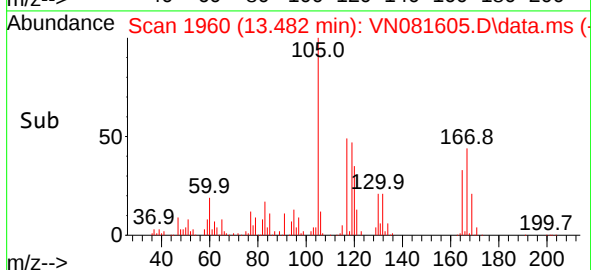
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

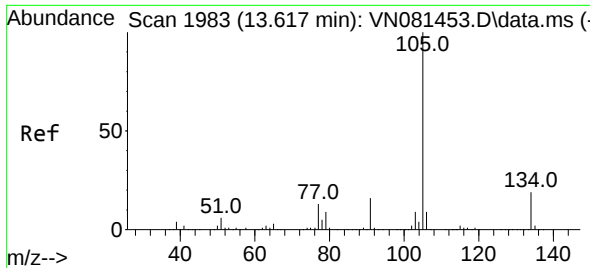


#84
1,2,4-Trimethylbenzene
Concen: 54.714 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



Tgt Ion:105 Resp: 1057335
Ion Ratio Lower Upper
105 100
120 44.1 20.9 62.7





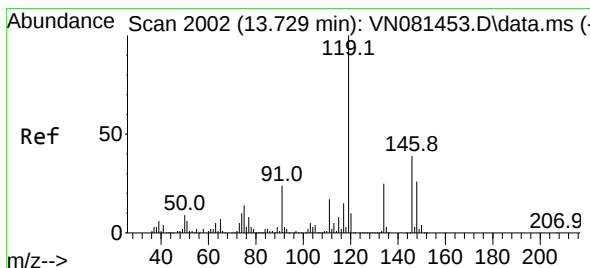
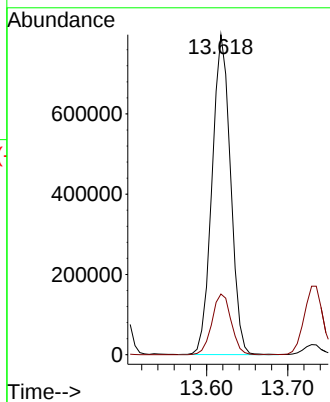
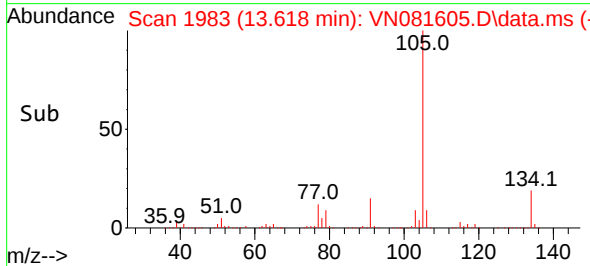
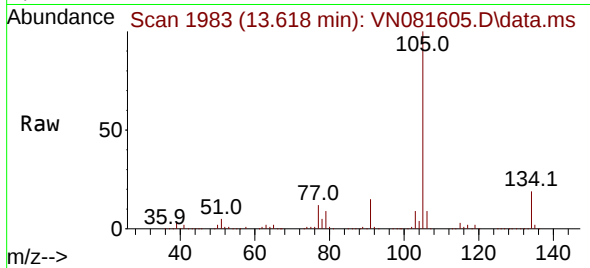
#85
 sec-Butylbenzene
 Concen: 53.272 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 126266
 Ion Ratio Lower Upper
 105 100
 134 19.7 8.6 25.8

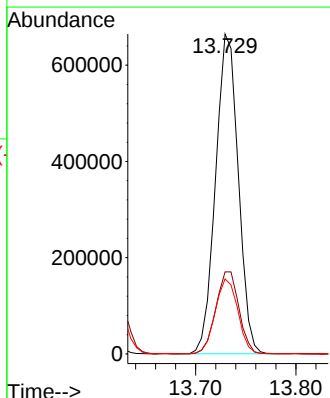
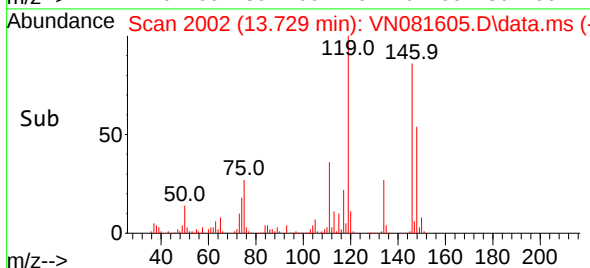
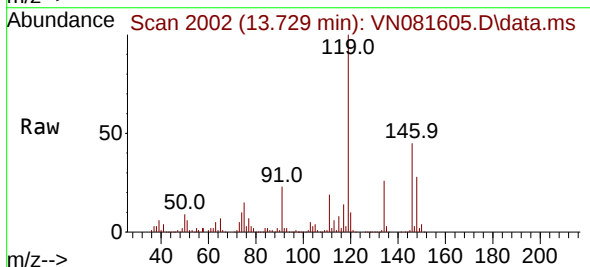
Manual Integrations
 APPROVED

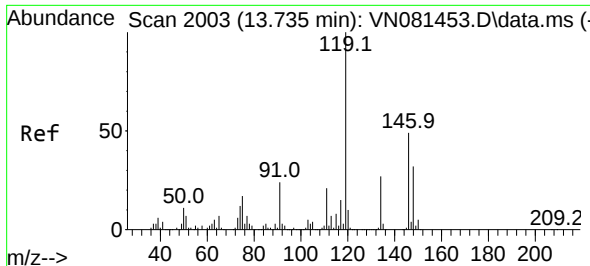
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#86
 p-Isopropyltoluene
 Concen: 53.923 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

Tgt Ion:119 Resp: 1044770
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 23.5 13.5 40.4





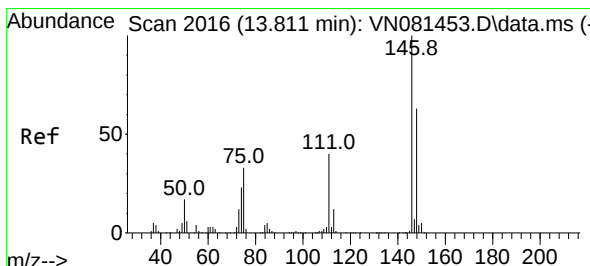
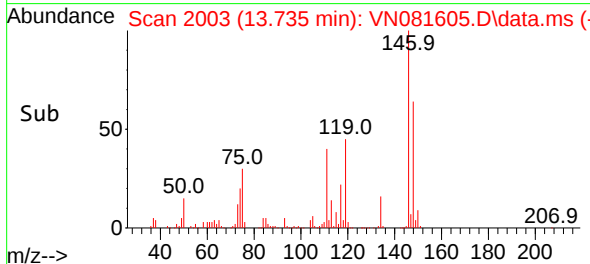
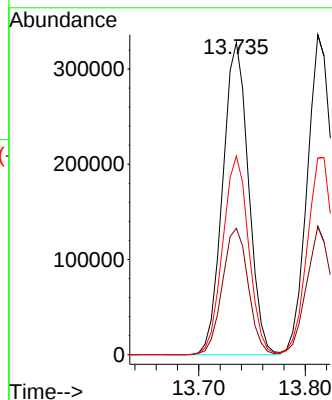
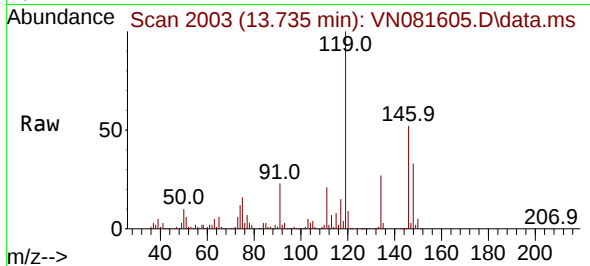
#87
1,3-Dichlorobenzene
Concen: 52.158 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 55108
Ion Ratio Lower Upper
146 100
111 40.7 23.9 71.7
148 63.9 32.6 97.7

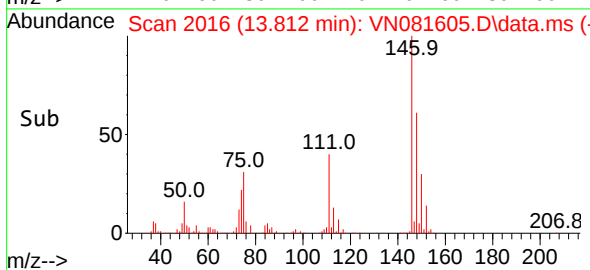
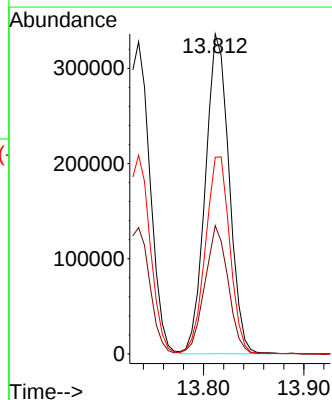
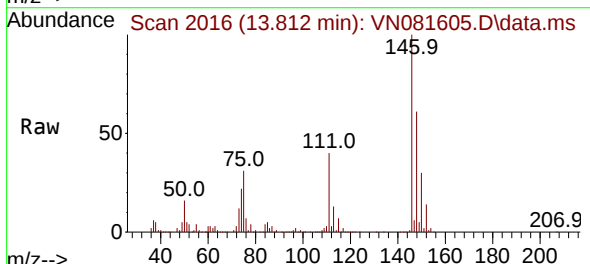
Manual Integrations
APPROVED

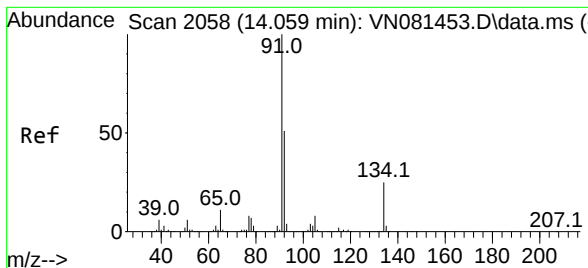
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#88
1,4-Dichlorobenzene
Concen: 50.526 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Tgt Ion:146 Resp: 552757
Ion Ratio Lower Upper
146 100
111 39.7 22.6 67.7
148 63.8 31.9 95.5





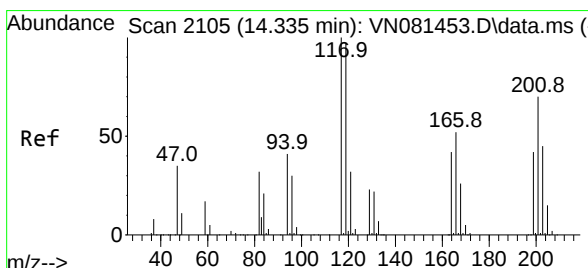
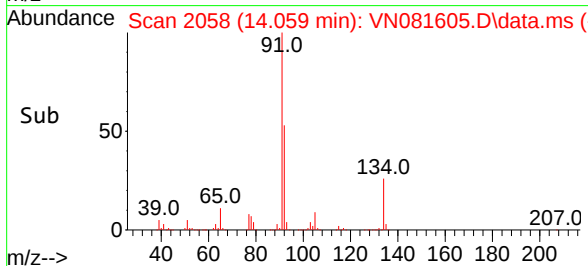
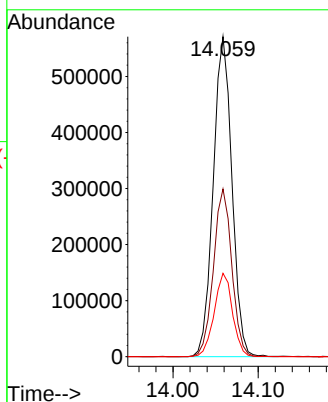
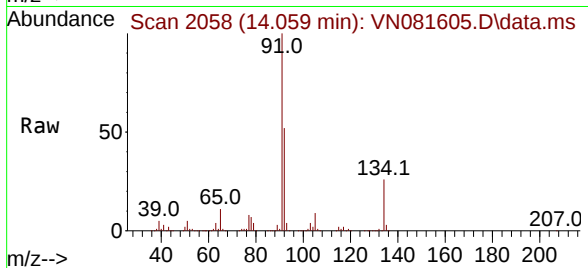
#89
n-Butylbenzene
Concen: 50.668 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 870509
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 25.6 10.8 32.4

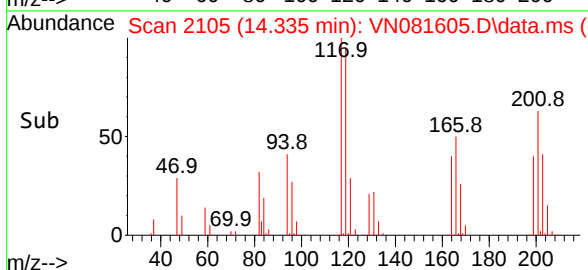
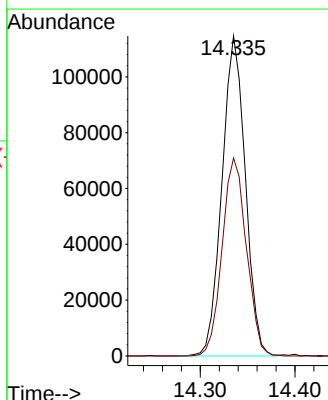
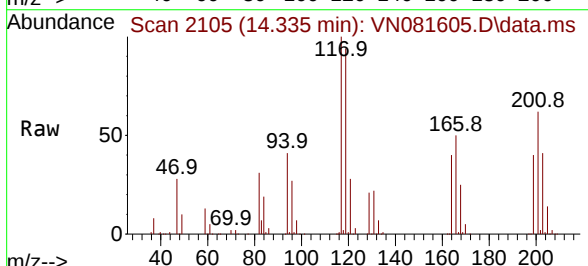
Manual Integrations
APPROVED

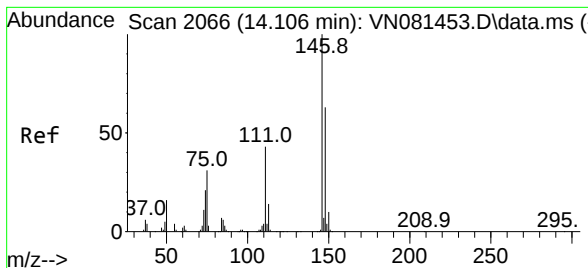
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#90
Hexachloroethane
Concen: 53.473 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

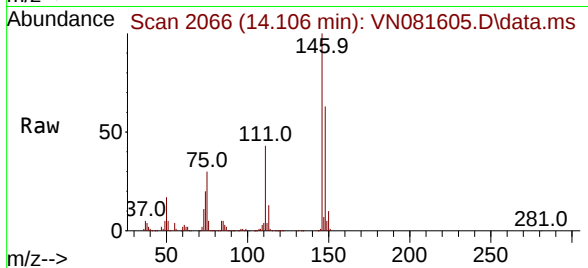
Tgt Ion:117 Resp: 196213
Ion Ratio Lower Upper
117 100
201 64.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 53.268 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

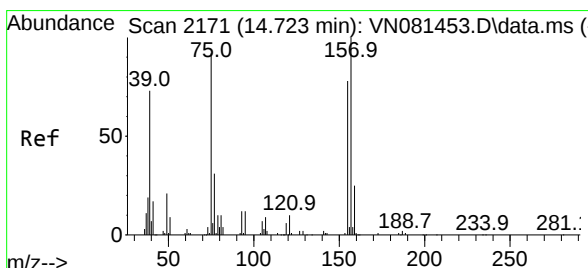
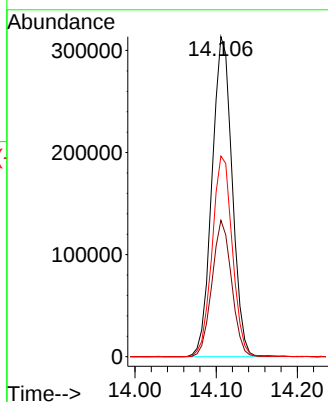
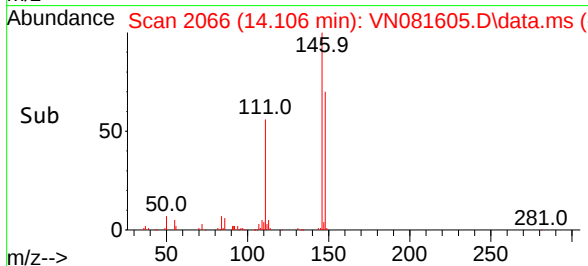
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



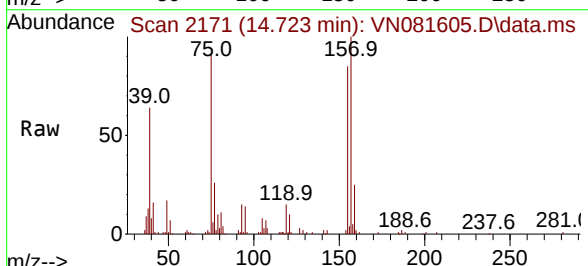
Tgt Ion:146 Resp: 541690
Ion Ratio Lower Upper
146 100
111 41.3 23.9 71.8
148 63.0 31.4 94.0

Manual Integrations
APPROVED

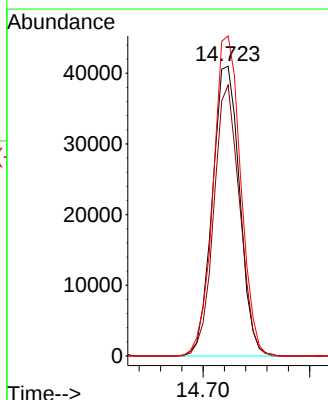
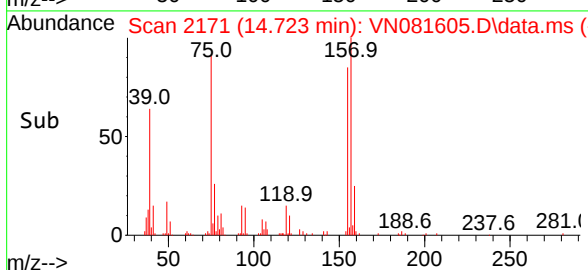
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

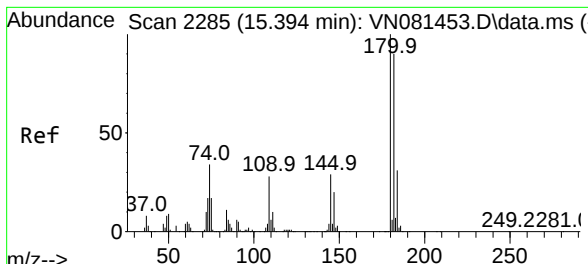


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.979 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



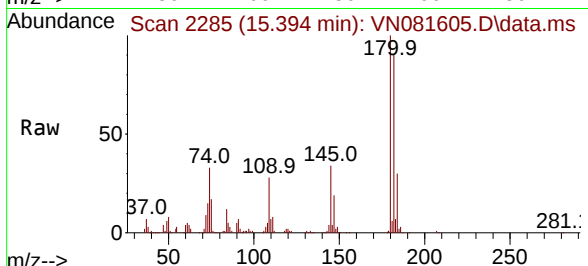
Tgt Ion: 75 Resp: 72800
Ion Ratio Lower Upper
75 100
155 88.7 31.8 95.4
157 111.2 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 49.519 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

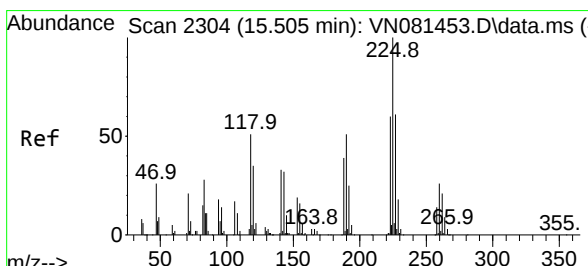
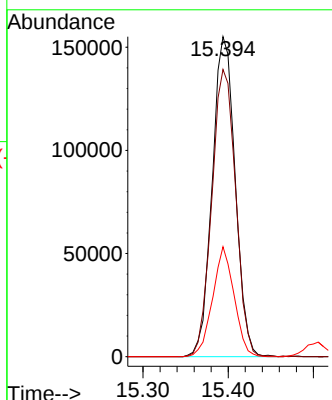
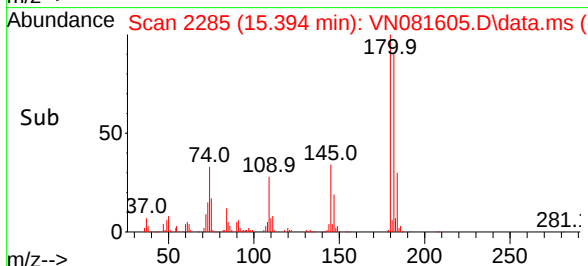
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 291170
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.6 139.7
 145 32.2 16.8 50.3

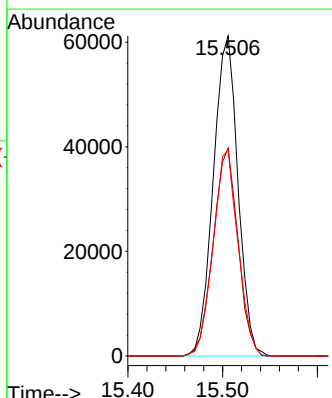
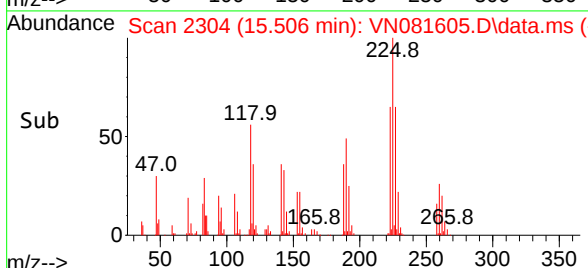
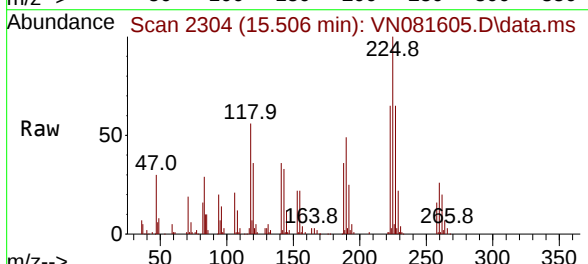
Manual Integrations
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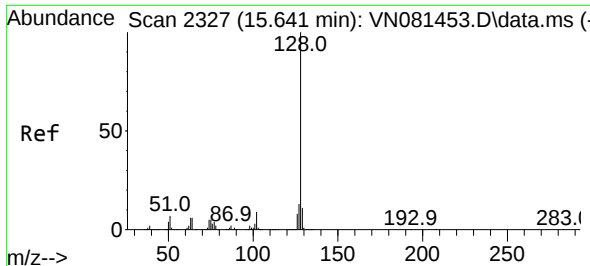
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#94
 Hexachlorobutadiene
 Concen: 42.921 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081605.D
 Acq: 28 Mar 2024 18:28

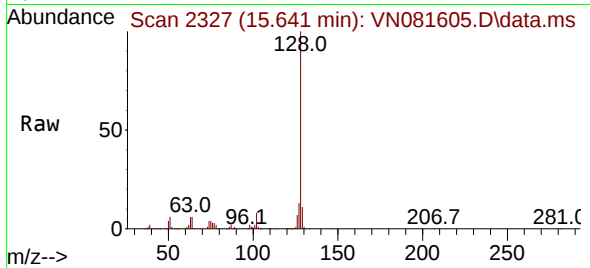
Tgt Ion:225 Resp: 110732
 Ion Ratio Lower Upper
 225 100
 223 65.2 33.3 99.8
 227 64.9 33.1 99.2





#95
Naphthalene
Concen: 54.051 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28

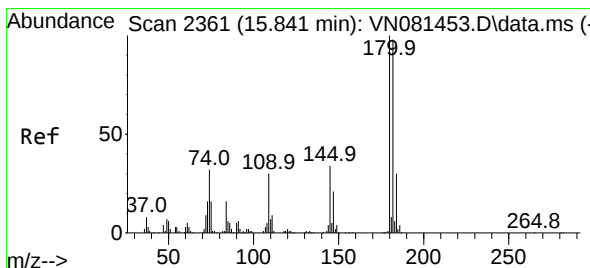
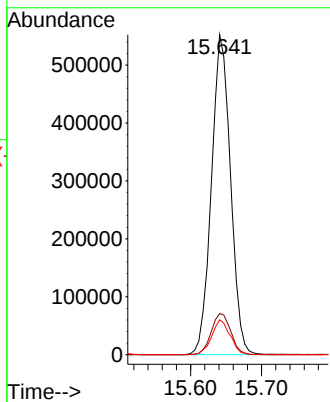
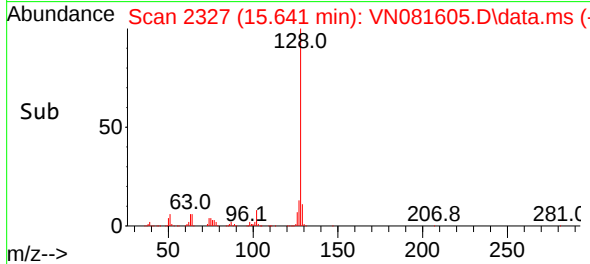
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



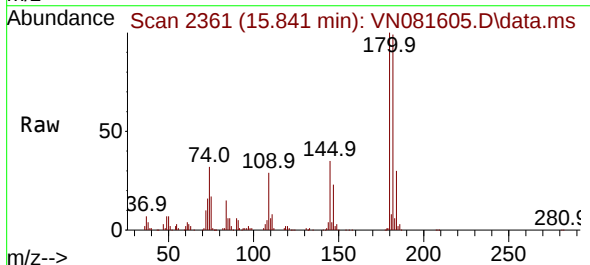
Tgt Ion:128 Resp: 1029830
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.824 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081605.D
Acq: 28 Mar 2024 18:28



Tgt Ion:180 Resp: 294679
Ion Ratio Lower Upper
180 100
182 97.3 46.5 139.3
145 33.9 17.8 53.4

