

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081595.D
 Acq On : 28 Mar 2024 10:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 02:42:18 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	375280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	628564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	565509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	245535	51.305	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.600%			
35) Dibromofluoromethane	8.165	113	218830	55.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.320%			
50) Toluene-d8	10.565	98	756093	52.727	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.460%			
62) 4-Bromofluorobenzene	12.853	95	266676	52.778	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	228063	45.133	ug/l	96
3) Chloromethane	2.359	50	231554	46.024	ug/l	92
4) Vinyl Chloride	2.518	62	272132	48.197	ug/l	93
5) Bromomethane	2.953	94	193289	48.405	ug/l	94
6) Chloroethane	3.124	64	200939	51.832	ug/l	95
7) Trichlorofluoromethane	3.500	101	428428	50.913	ug/l	94
8) Diethyl Ether	3.959	74	144268	51.804	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	250210	52.330	ug/l	# 89
10) Methyl Iodide	4.589	142	263097	55.255	ug/l	98
11) Tert butyl alcohol	5.524	59	212317	254.572	ug/l	99
12) 1,1-Dichloroethene	4.342	96	222562	50.252	ug/l	86
13) Acrolein	4.177	56	166116	221.967	ug/l	98
14) Allyl chloride	5.018	41	276301	49.787	ug/l	# 84
15) Acrylonitrile	5.718	53	546964	245.143	ug/l	98
16) Acetone	4.430	43	348979	225.634	ug/l	99
17) Carbon Disulfide	4.712	76	553929	43.584	ug/l	99
18) Methyl Acetate	5.018	43	265512	55.682	ug/l	# 88
19) Methyl tert-butyl Ether	5.794	73	763306	55.070	ug/l	97
20) Methylene Chloride	5.277	84	261258	51.567	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	252454	51.123	ug/l	91
22) Diisopropyl ether	6.671	45	734182	56.936	ug/l	# 90
23) Vinyl Acetate	6.600	43	2719910	264.994	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	457314	52.950	ug/l	95
25) 2-Butanone	7.482	43	640744	241.531	ug/l	# 87
26) 2,2-Dichloropropane	7.488	77	426347	56.915	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	305961	54.760	ug/l	84
28) Bromochloromethane	7.812	49	166328	47.282	ug/l	# 52
29) Tetrahydrofuran	7.841	42	440852	246.681	ug/l	# 78
30) Chloroform	7.965	83	518101	56.036	ug/l	98
31) Cyclohexane	8.259	56	364360	46.786	ug/l	# 69
32) 1,1,1-Trichloroethane	8.171	97	459244	54.747	ug/l	92
36) 1,1-Dichloropropene	8.371	75	357410	53.538	ug/l	94
37) Ethyl Acetate	7.559	43	283464	49.587	ug/l	96
38) Carbon Tetrachloride	8.359	117	393027	53.743	ug/l	95
39) Methylcyclohexane	9.600	83	400564	53.730	ug/l	# 83
40) Benzene	8.606	78	1091335	55.917	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	157537	52.111	ug/l	88
42) 1,2-Dichloroethane	8.671	62	369653	53.818	ug/l	96
43) Isopropyl Acetate	8.688	43	501897	52.967	ug/l #	91
44) Trichloroethene	9.353	130	298198	54.324	ug/l	94
45) 1,2-Dichloropropane	9.624	63	275687	58.284	ug/l	98
46) Dibromomethane	9.706	93	201938	56.217	ug/l #	88
47) Bromodichloromethane	9.888	83	413102	58.820	ug/l #	98
48) Methyl methacrylate	9.682	41	226090	51.730	ug/l #	82
49) 1,4-Dioxane	9.694	88	95463	908.901	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	1482215	256.350	ug/l	92
52) Toluene	10.629	92	700010	56.430	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	428364	56.485	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	459380	56.498	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	283446	56.777	ug/l	92
56) Ethyl methacrylate	10.876	69	376983	50.652	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	461026	56.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	909160	289.424	ug/l #	84
59) 2-Hexanone	11.194	43	1062112	248.455	ug/l	90
60) Dibromochloromethane	11.359	129	311234	56.688	ug/l	99
61) 1,2-Dibromoethane	11.470	107	282129	55.431	ug/l	97
64) Tetrachloroethene	11.106	164	301891	55.848	ug/l	92
65) Chlorobenzene	11.894	112	734765	54.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	291500	58.832	ug/l	97
67) Ethyl Benzene	11.965	91	1309452	56.388	ug/l	99
68) m/p-Xylenes	12.070	106	1028736	118.169	ug/l	94
69) o-Xylene	12.400	106	492986	57.682	ug/l	92
70) Styrene	12.412	104	836892	60.715	ug/l	94
71) Bromoform	12.576	173	205895	55.299	ug/l #	95
73) Isopropylbenzene	12.694	105	1297946	52.869	ug/l	97
74) N-amyl acetate	12.494	43	422621	47.569	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.935	83	341122	47.259	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	315993m	45.867	ug/l	
77) Bromobenzene	12.982	156	303797	50.093	ug/l	70
78) n-propylbenzene	13.035	91	1554559	53.619	ug/l	96
79) 2-Chlorotoluene	13.123	91	898690	51.790	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1103123	54.402	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	129796	50.912	ug/l	98
82) 4-Chlorotoluene	13.223	91	905347	52.920	ug/l	93
83) tert-Butylbenzene	13.441	119	916739	52.427	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1112906	54.607	ug/l	94
85) sec-Butylbenzene	13.617	105	1357855	54.321	ug/l	94
86) p-Isopropyltoluene	13.729	119	1130230	55.313	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	591015	53.041	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	595534	51.617	ug/l	96
89) n-Butylbenzene	14.059	91	989988	54.638	ug/l	97
90) Hexachloroethane	14.335	117	205631	53.138	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	583001	54.361	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	72700	47.326	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	334888	54.005	ug/l	98
94) Hexachlorobutadiene	15.500	225	136298	50.095	ug/l	96
95) Naphthalene	15.641	128	1099472	54.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	341557	54.759	ug/l	98

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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

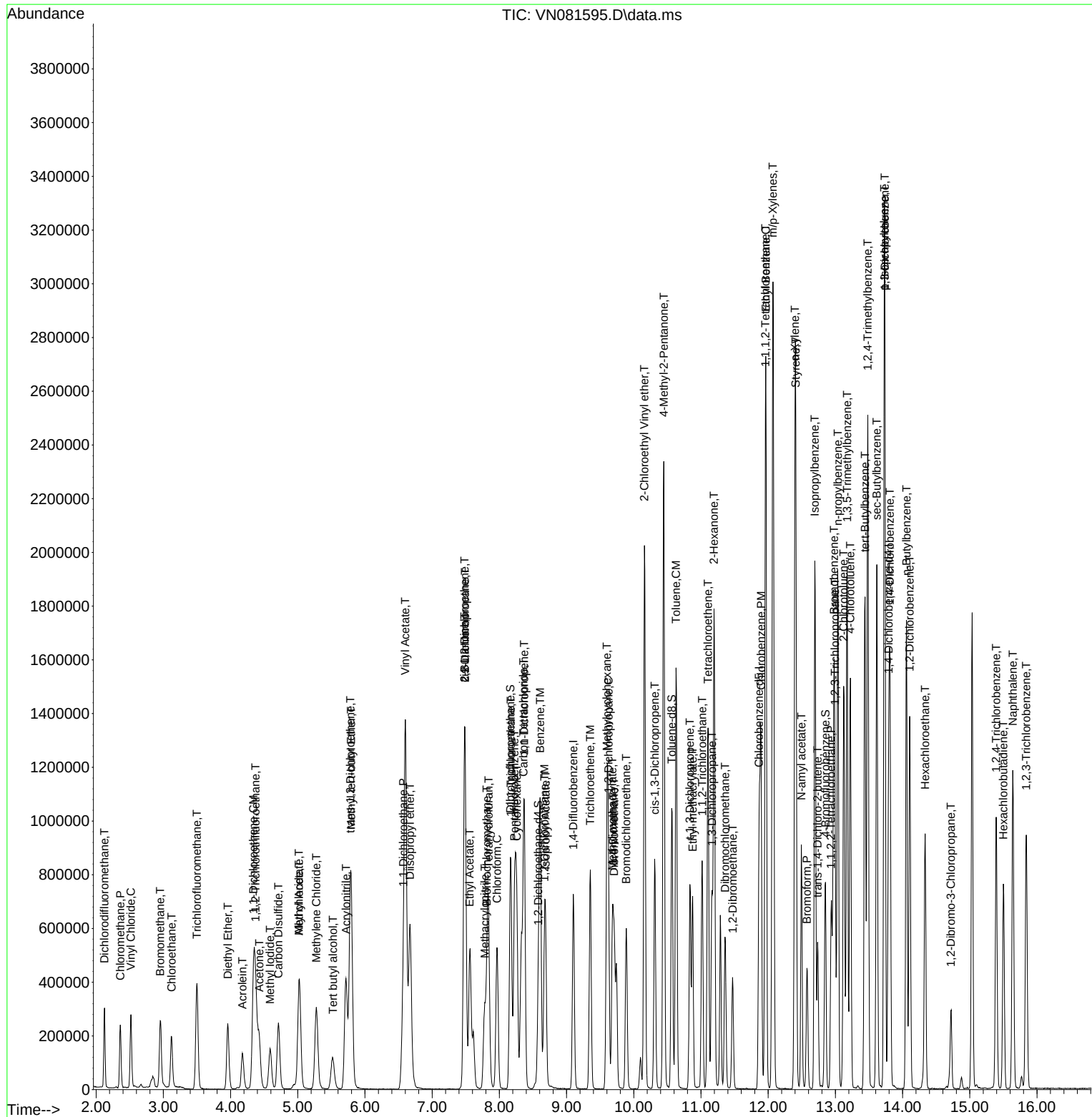
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
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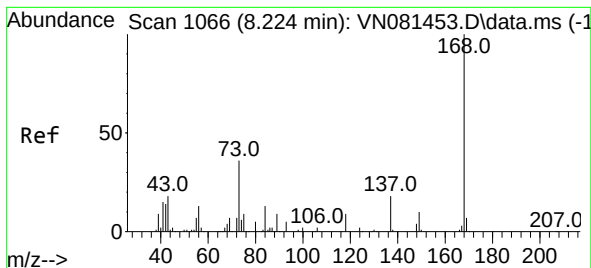
Instrument :
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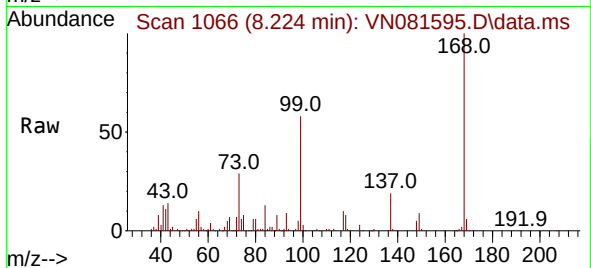
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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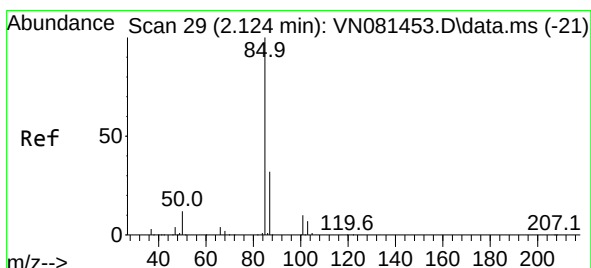
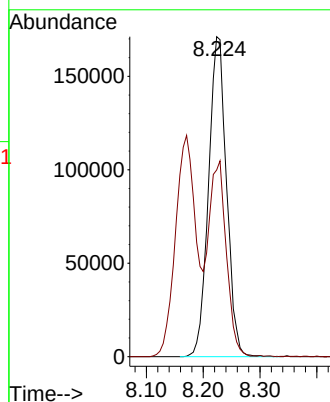
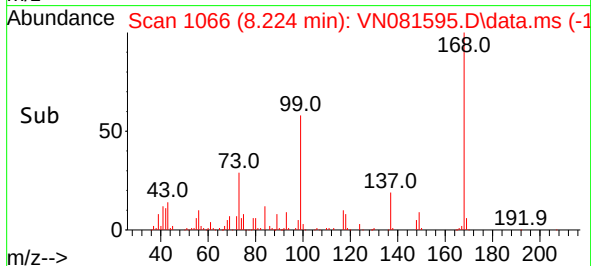
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 375280
Ion Ratio Lower Upper
168 100
99 58.2 59.9 89.9

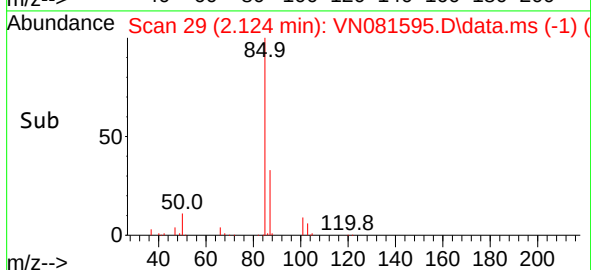
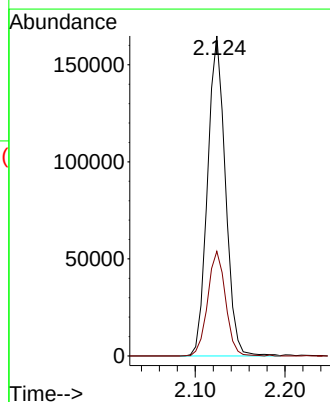
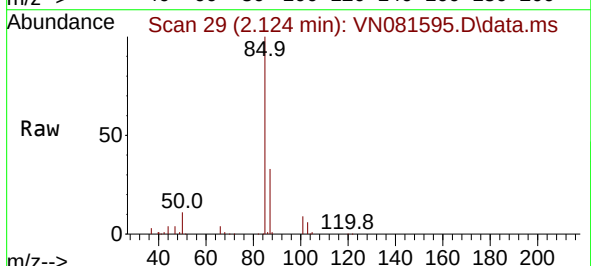
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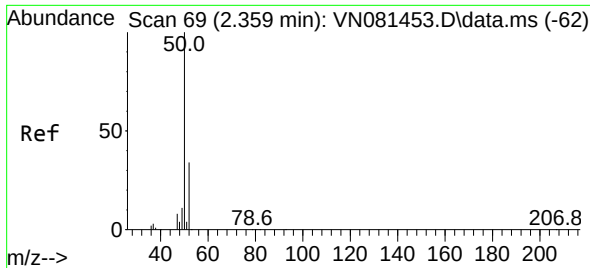
Reviewed By :John Carlone 03/29/2024
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#2
Dichlorodifluoromethane
Concen: 45.133 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

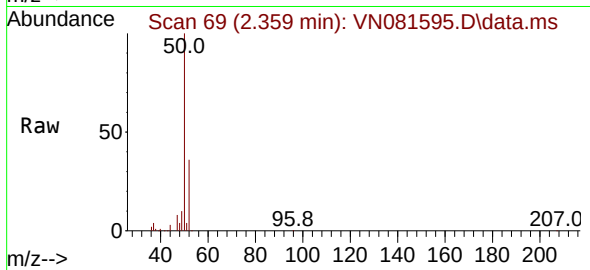
Tgt Ion: 85 Resp: 228063
Ion Ratio Lower Upper
85 100
87 32.7 15.3 45.9





#3
Chloromethane
Concen: 46.024 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

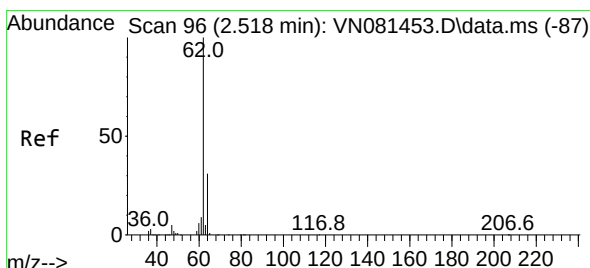
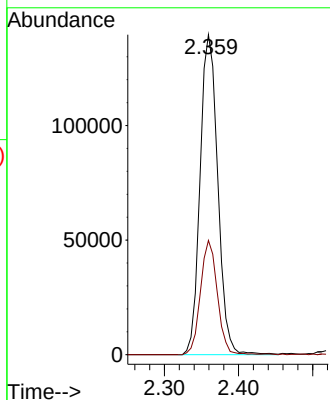
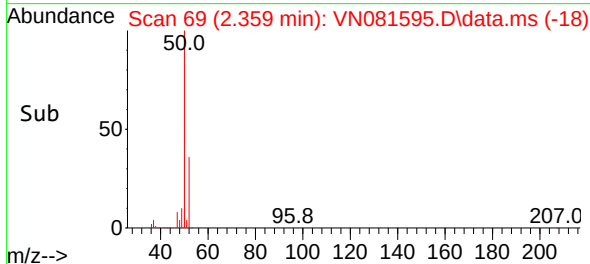
Instrument :
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Tgt Ion: 50 Resp: 231554
Ion Ratio Lower Upper
50 100
52 35.7 25.0 37.4

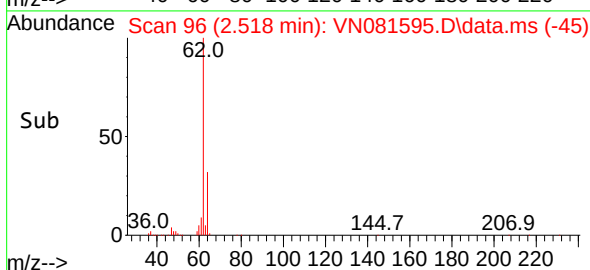
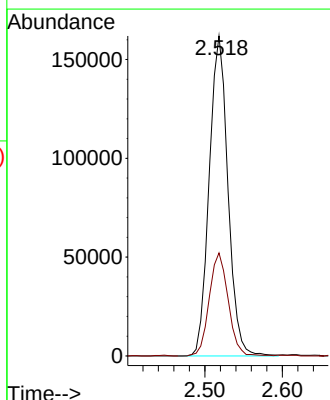
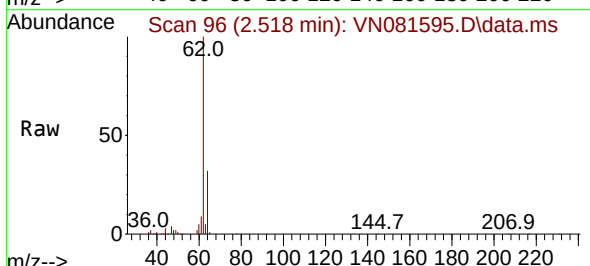
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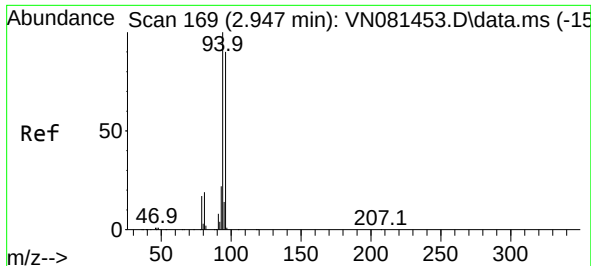
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#4
Vinyl Chloride
Concen: 48.197 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion: 62 Resp: 272132
Ion Ratio Lower Upper
62 100
64 32.2 22.7 34.1





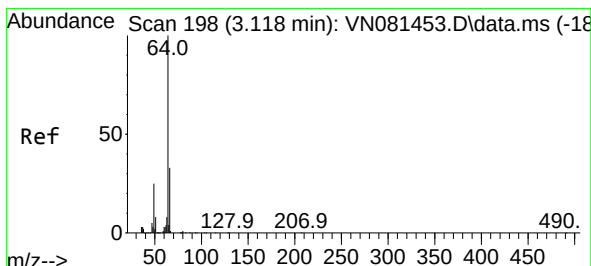
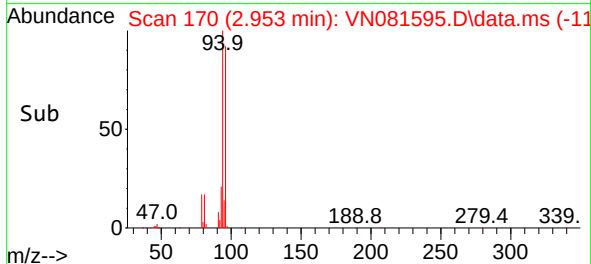
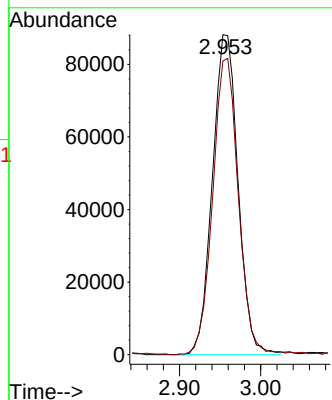
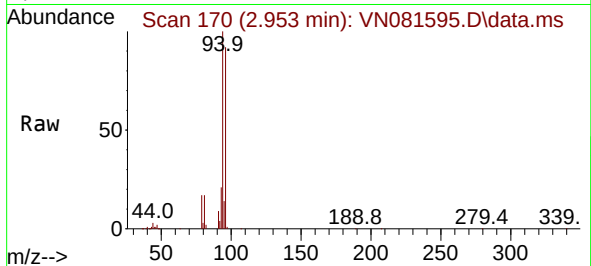
#5
Bromomethane
Concen: 48.405 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
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Tgt Ion: 94 Resp: 193289
Ion Ratio Lower Upper
94 100
96 91.6 69.2 103.8

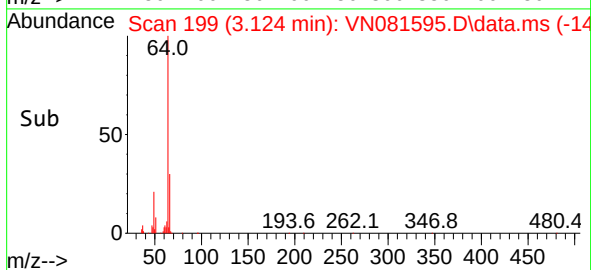
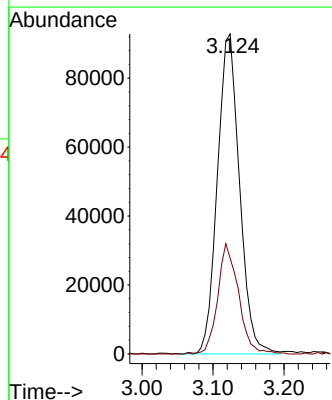
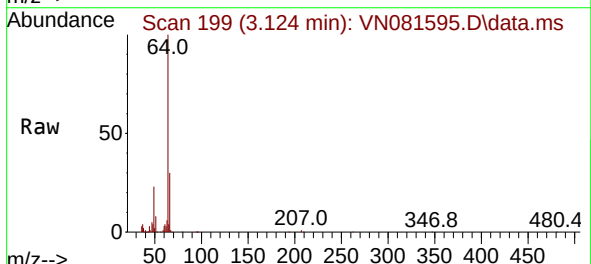
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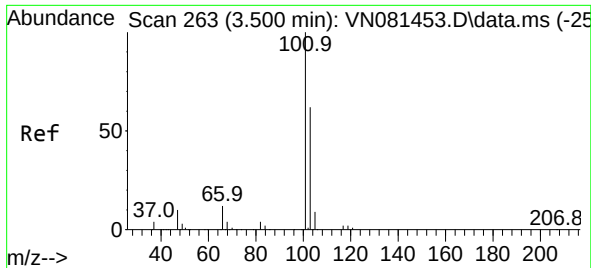
Reviewed By :John Carlone 03/29/2024
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#6
Chloroethane
Concen: 51.832 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion: 64 Resp: 200939
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6





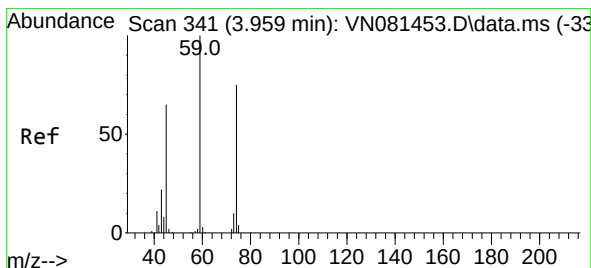
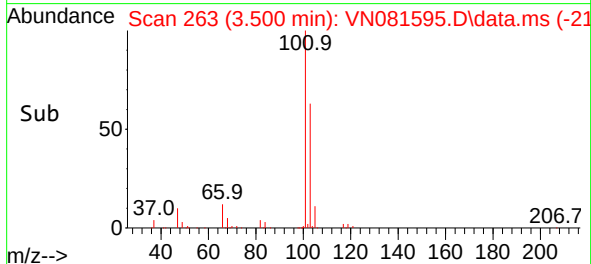
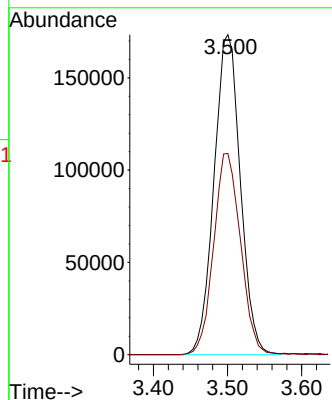
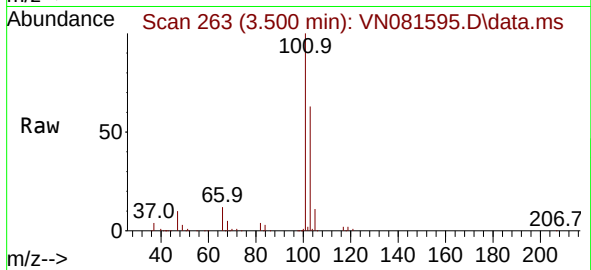
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 Trichlorofluoromethane
 Concen: 50.913 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

Instrument :
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Tgt Ion:101 Resp: 428428
 Ion Ratio Lower Upper
 101 100
 103 62.9 54.4 81.6

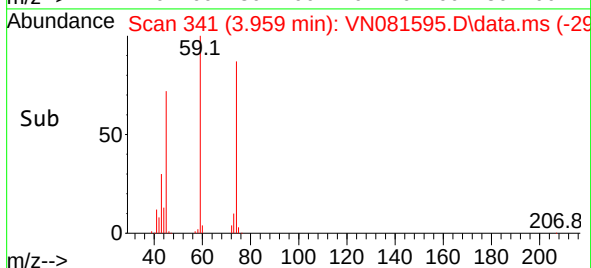
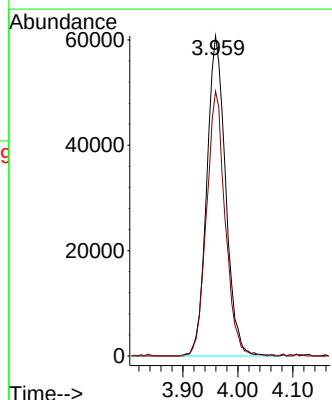
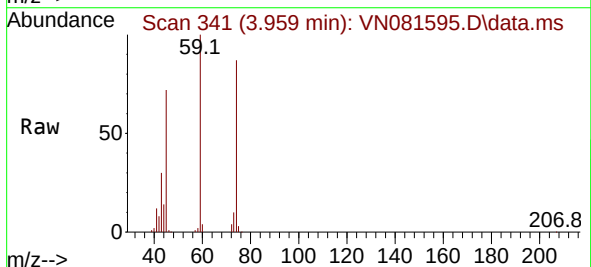
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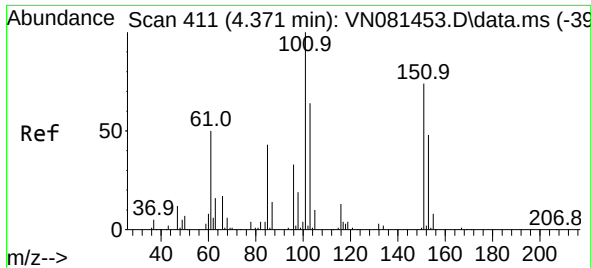
Reviewed By :John Carlone 03/29/2024
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#8
 Diethyl Ether
 Concen: 51.804 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

Tgt Ion: 74 Resp: 144268
 Ion Ratio Lower Upper
 74 100
 45 82.4 53.3 159.9





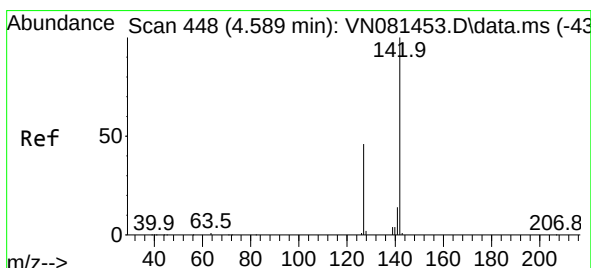
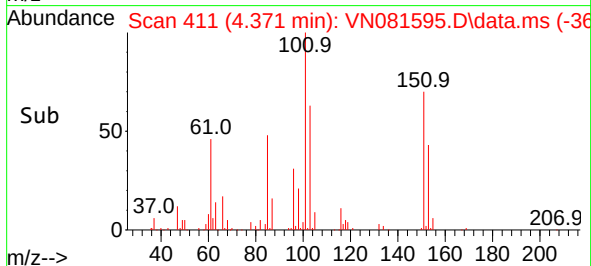
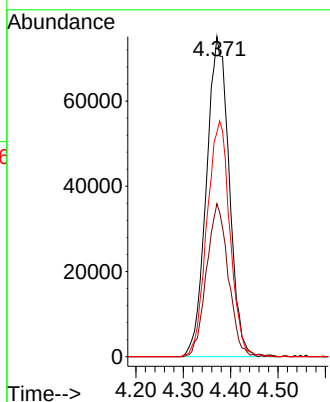
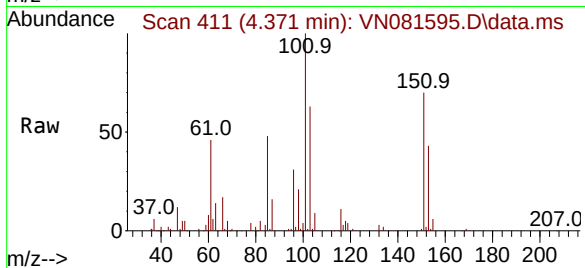
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.330 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 250210
Ion Ratio Lower Upper
101 100
85 45.7 38.1 57.1
151 74.3 49.1 73.7

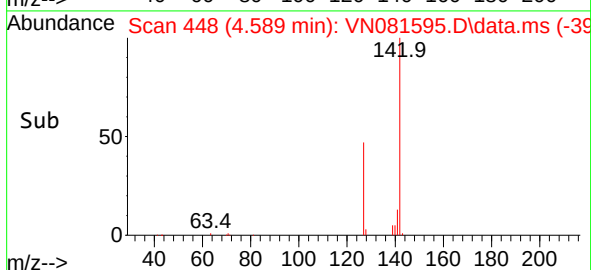
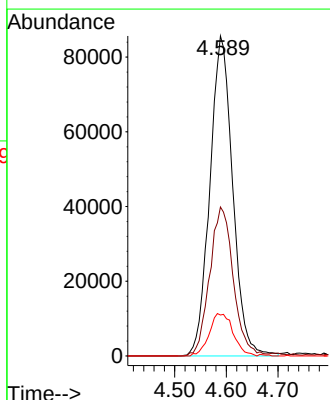
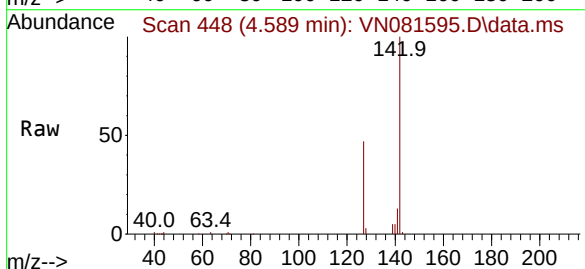
Manual Integrations
APPROVED

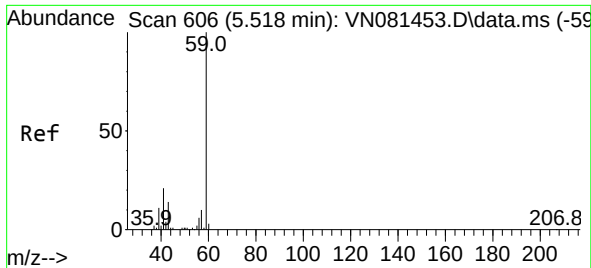
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
Methyl Iodide
Concen: 55.255 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion:142 Resp: 263097
Ion Ratio Lower Upper
142 100
127 46.5 37.0 55.4
141 12.8 12.5 18.7





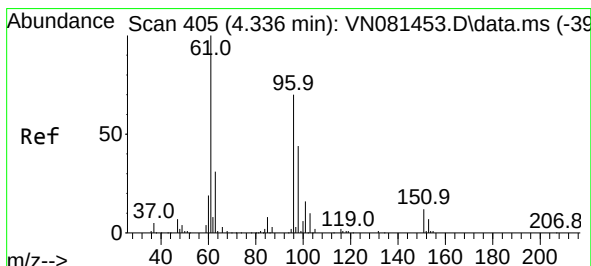
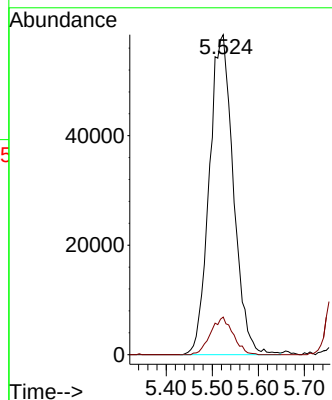
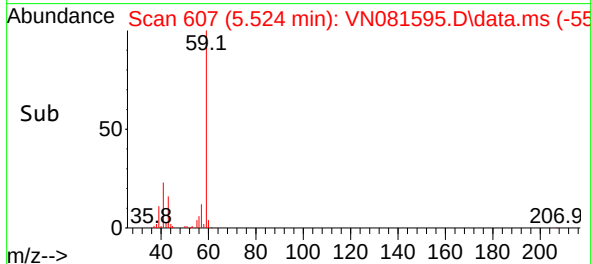
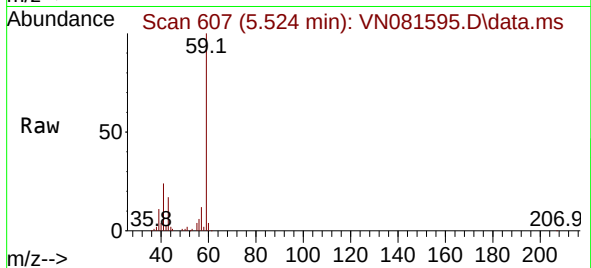
#11
Tert butyl alcohol
Concen: 254.572 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 21231
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

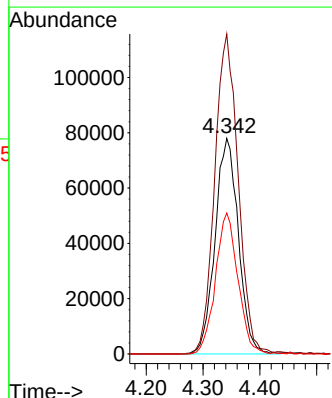
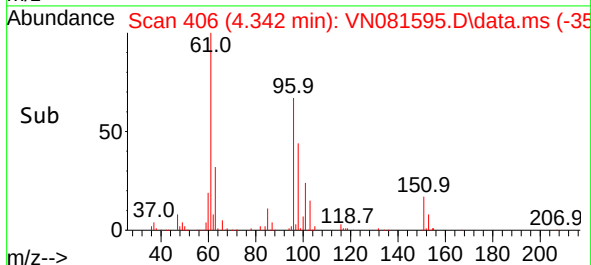
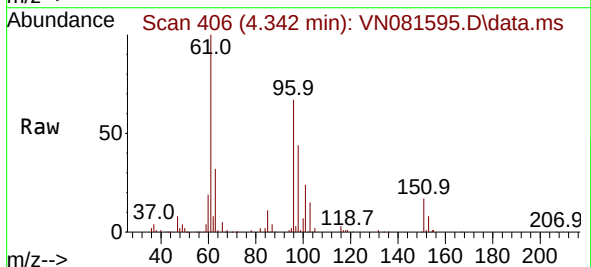
Manual Integrations
APPROVED

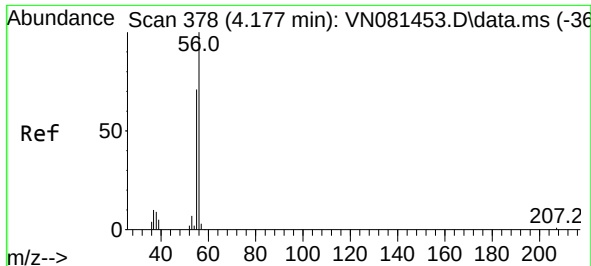
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#12
1,1-Dichloroethene
Concen: 50.252 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

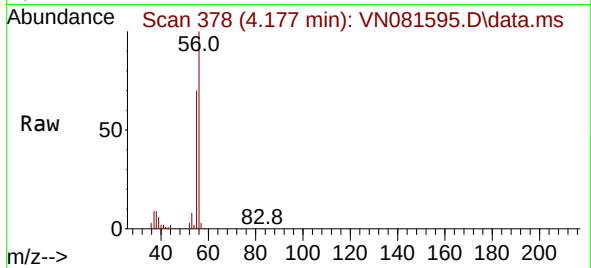
Tgt Ion: 96 Resp: 222562
Ion Ratio Lower Upper
96 100
61 148.5 138.2 207.4
98 65.4 49.2 73.8





#13
Acrolein
Concen: 221.967 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

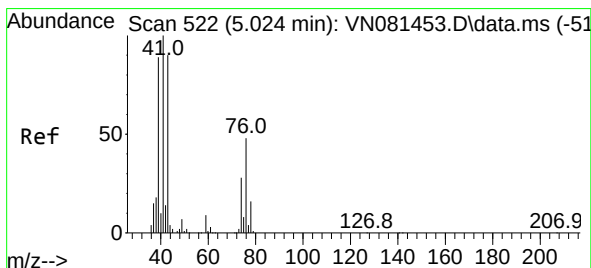
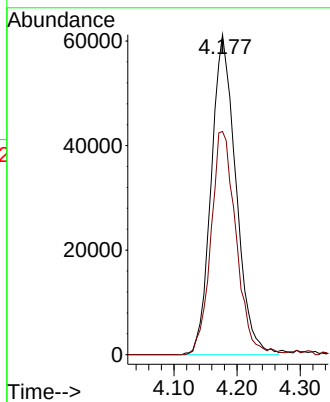
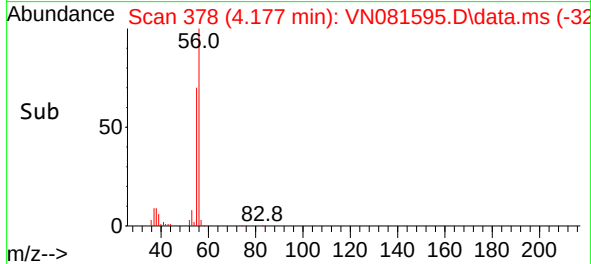
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



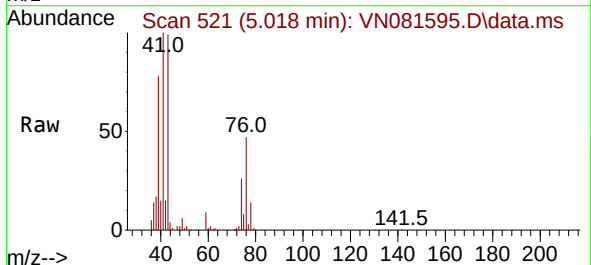
Tgt Ion: 56 Resp: 166110
Ion Ratio Lower Upper
56 100
55 71.1 55.3 82.9

Manual Integrations
APPROVED

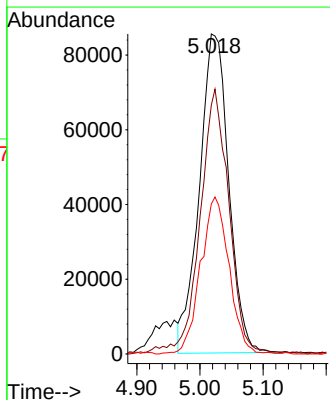
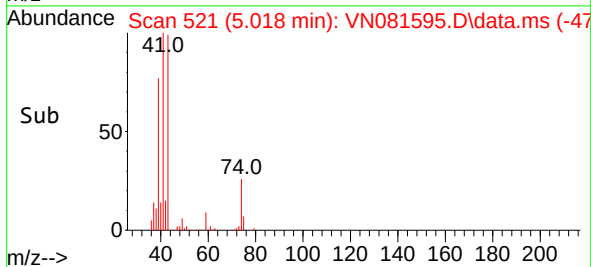
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

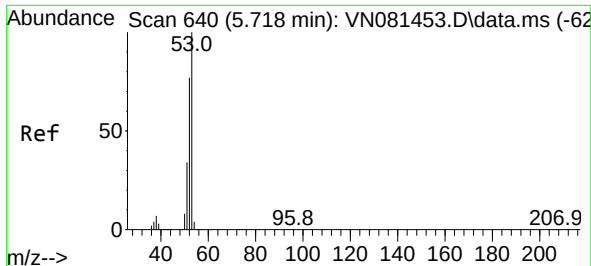


#14
Allyl chloride
Concen: 49.787 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



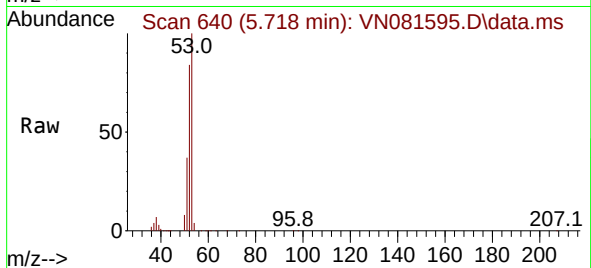
Tgt Ion: 41 Resp: 276301
Ion Ratio Lower Upper
41 100
39 81.7 57.7 86.5
76 47.7 26.8 40.2





#15
Acrylonitrile
Concen: 245.143 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

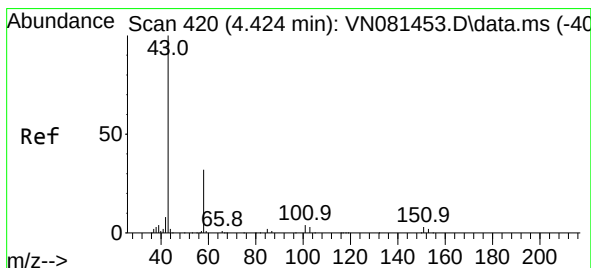
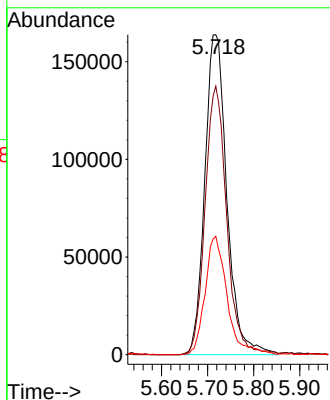
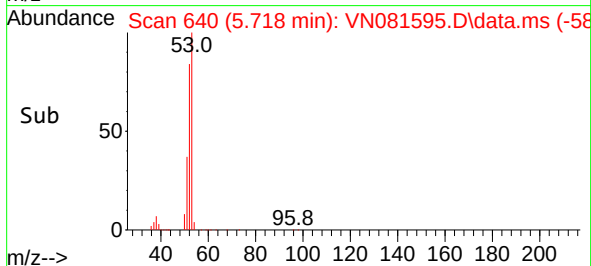
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



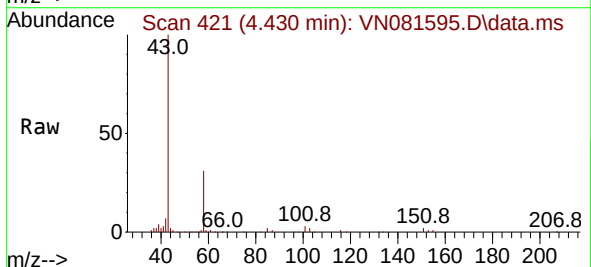
Tgt Ion: 53 Resp: 546964
Ion Ratio Lower Upper
53 100
52 81.9 64.8 97.2
51 36.9 26.9 40.3

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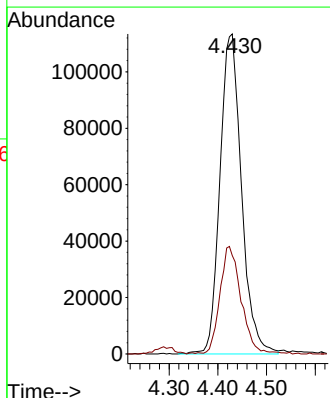
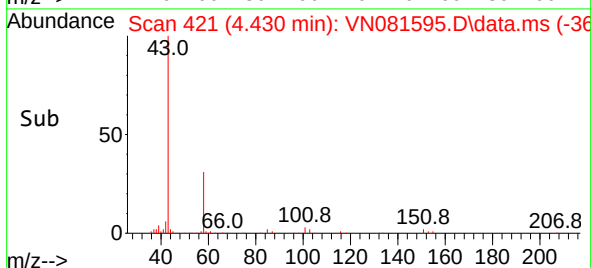
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

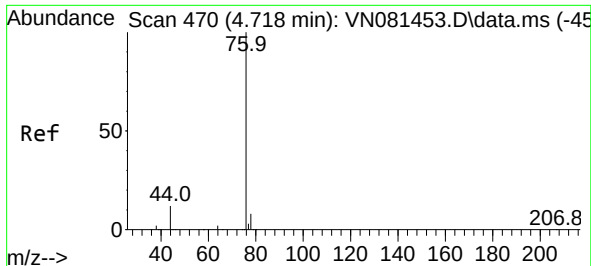


#16
Acetone
Concen: 225.634 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



Tgt Ion: 43 Resp: 348979
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2





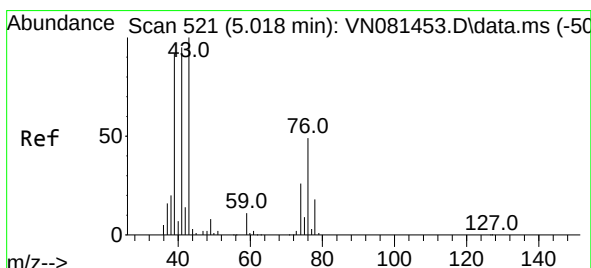
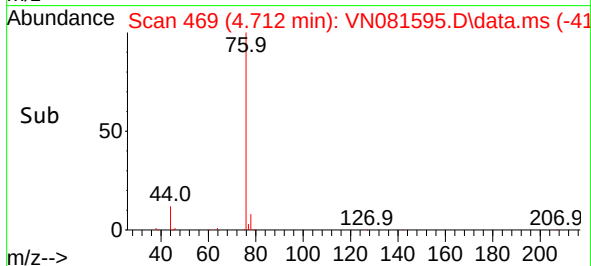
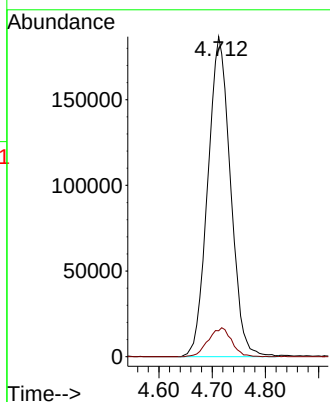
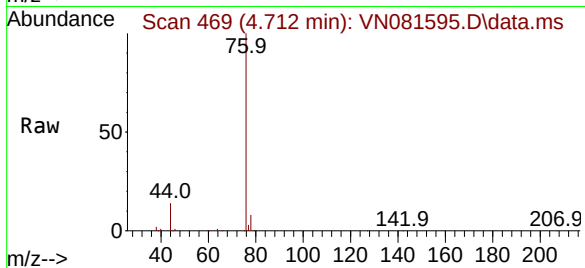
#17
Carbon Disulfide
Concen: 43.584 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 553929
Ion Ratio Lower Upper
76 100
78 8.1 6.3 9.5

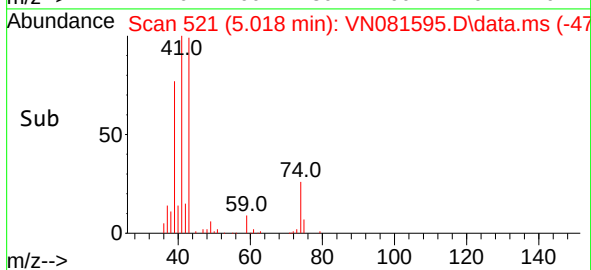
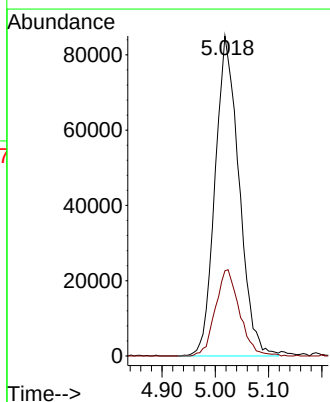
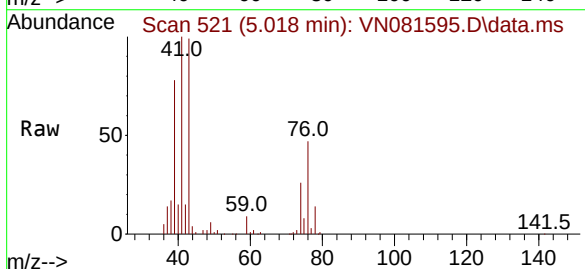
Manual Integrations
APPROVED

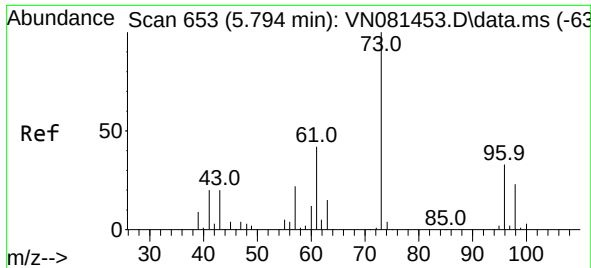
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#18
Methyl Acetate
Concen: 55.682 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion: 43 Resp: 265512
Ion Ratio Lower Upper
43 100
74 27.3 17.3 25.9#





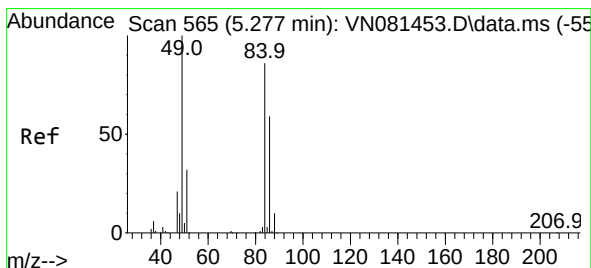
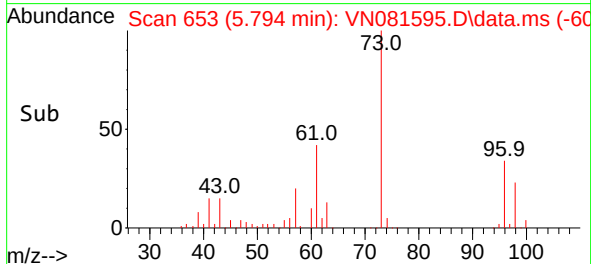
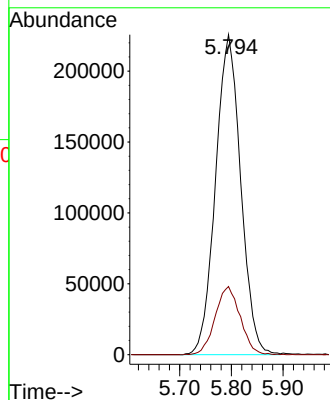
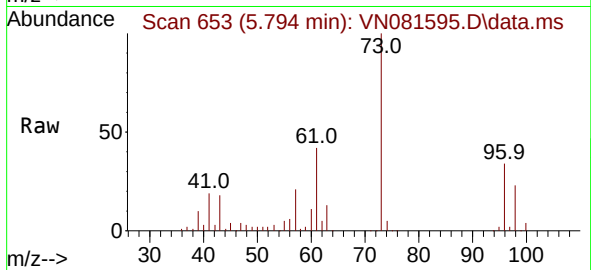
#19
Methyl tert-butyl Ether
Concen: 55.070 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 763300
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.4

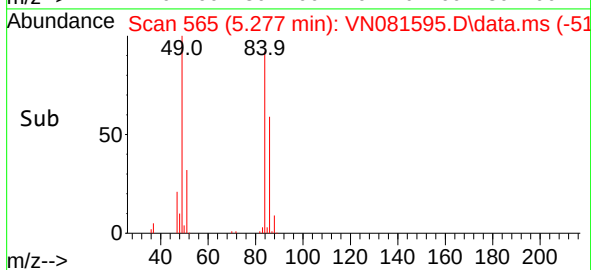
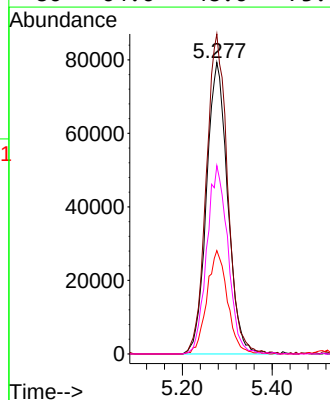
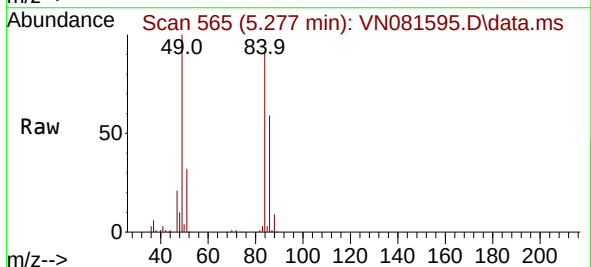
Manual Integrations
APPROVED

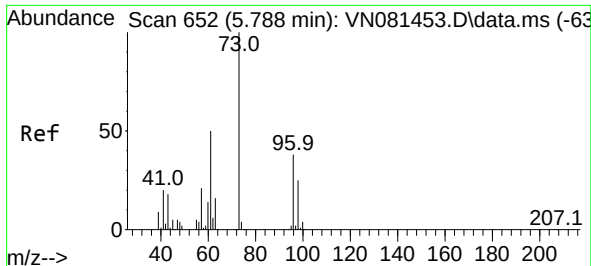
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#20
Methylene Chloride
Concen: 51.567 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

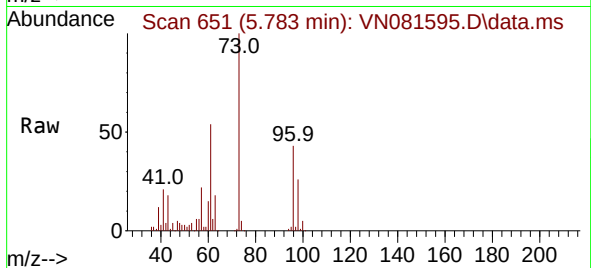
Tgt Ion: 84 Resp: 261258
Ion Ratio Lower Upper
84 100
49 109.8 108.1 162.1
51 35.5 32.9 49.3
86 64.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.123 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

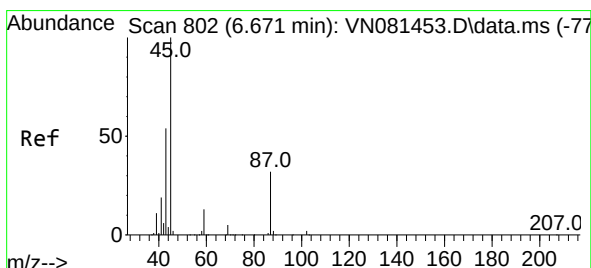
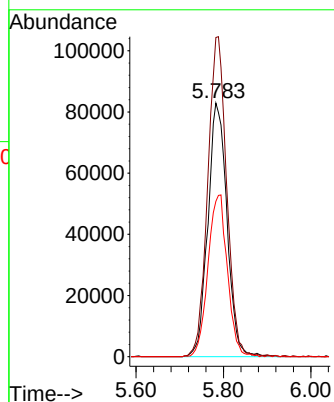
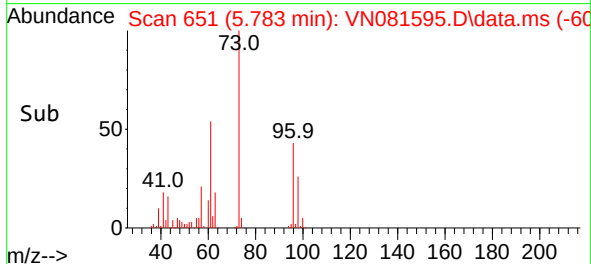
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 252454
Ion Ratio Lower Upper
96 100
61 125.9 112.8 169.2
98 61.3 51.0 76.4

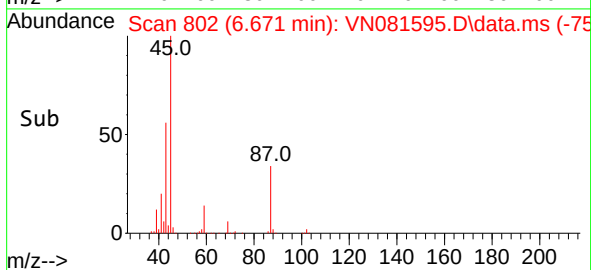
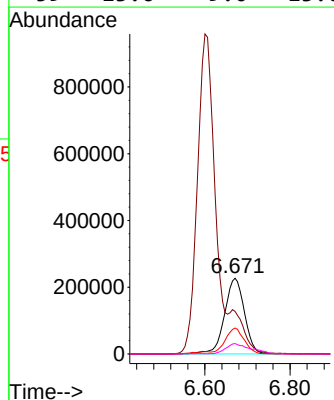
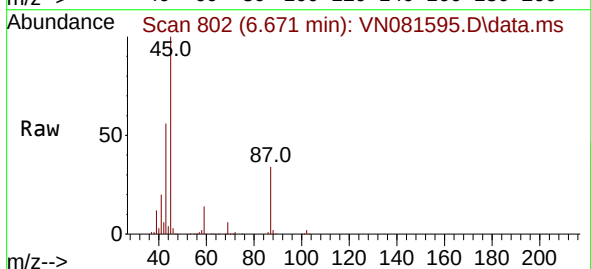
Manual Integrations
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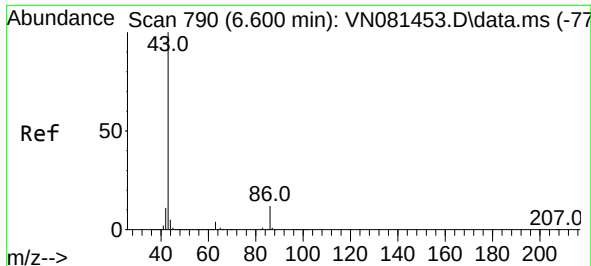
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
Diisopropyl ether
Concen: 56.936 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

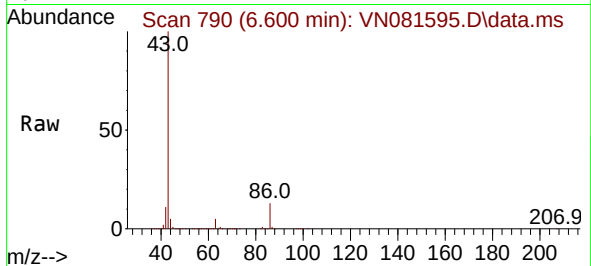
Tgt Ion: 45 Resp: 734182
Ion Ratio Lower Upper
45 100
43 55.3 41.8 62.8
87 34.0 18.1 27.1#
59 13.6 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 264.994 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

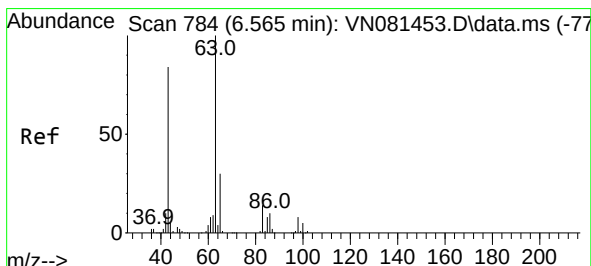
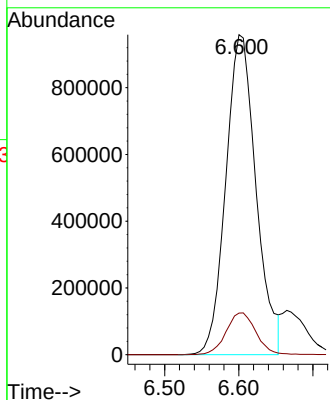
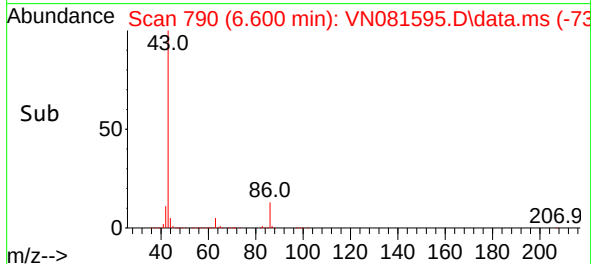
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2719910
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7

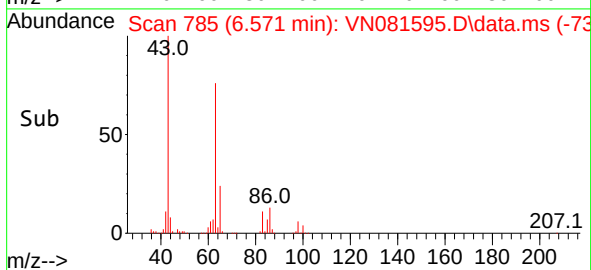
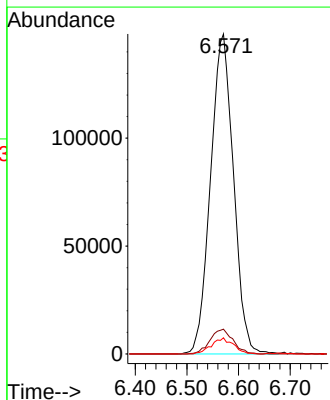
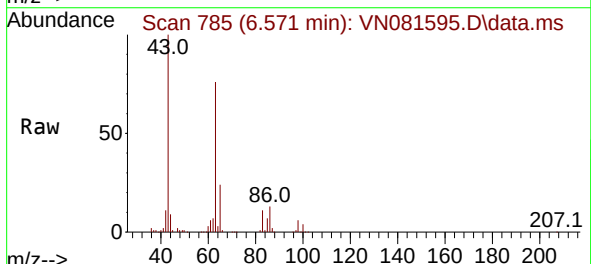
Manual Integrations
 APPROVED

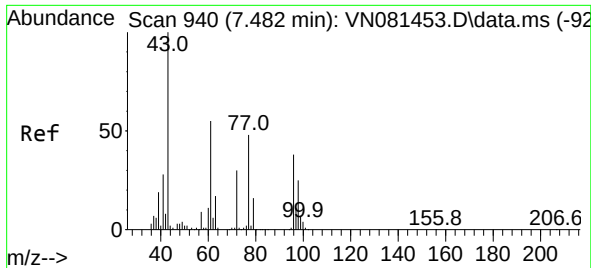
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#24
 1,1-Dichloroethane
 Concen: 52.950 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

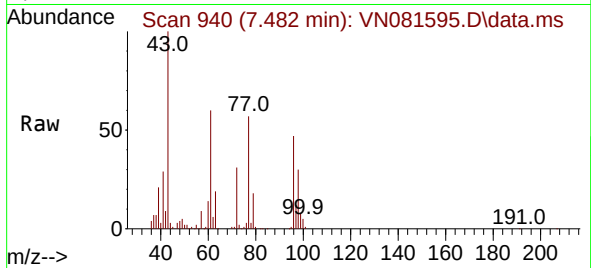
Tgt Ion: 63 Resp: 457314
 Ion Ratio Lower Upper
 63 100
 98 7.8 2.9 8.6
 100 5.0 1.9 5.7





#25
2-Butanone
Concen: 241.531 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

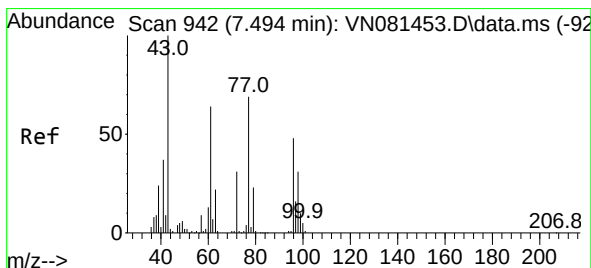
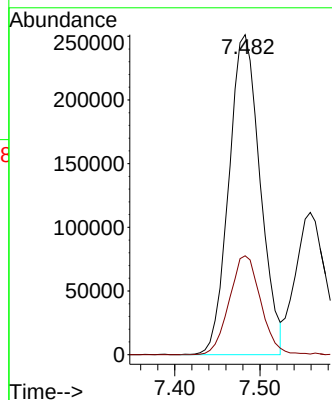
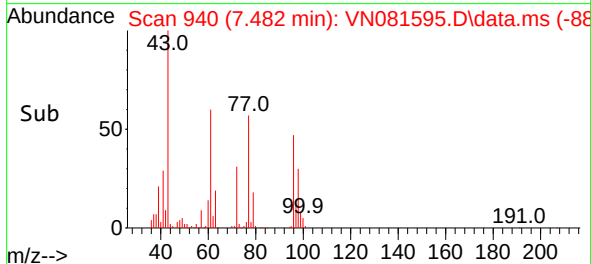
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



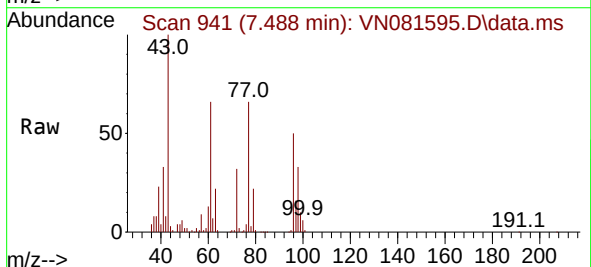
Tgt Ion: 43 Resp: 640744
Ion Ratio Lower Upper
43 100
72 30.9 19.5 29.3

Manual Integrations
APPROVED

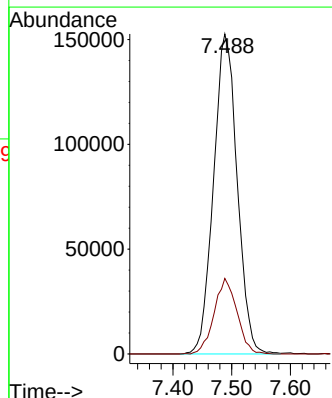
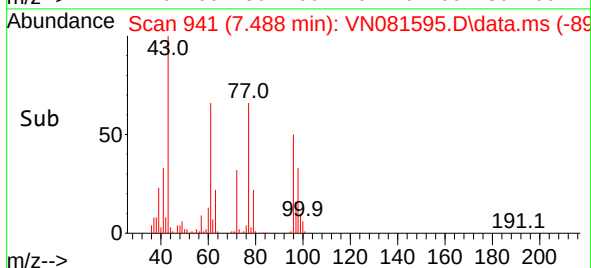
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

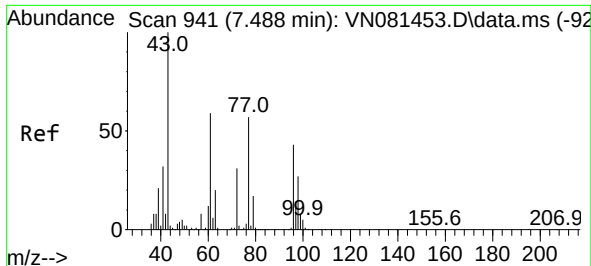


#26
2,2-Dichloropropane
Concen: 56.915 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



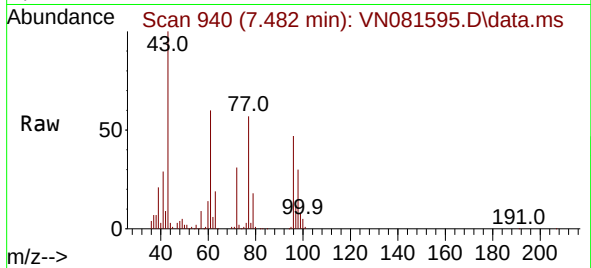
Tgt Ion: 77 Resp: 426347
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.760 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

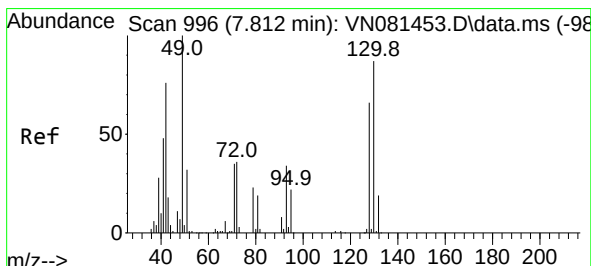
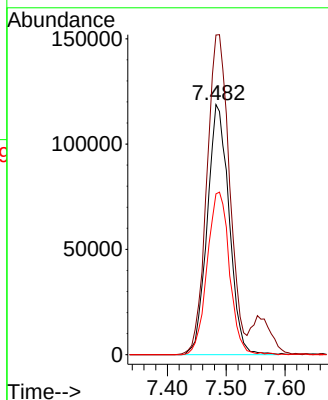
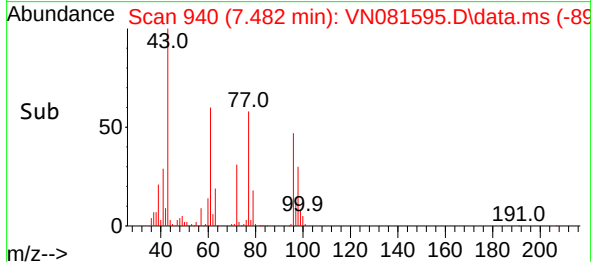
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 30596
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 325.4
 98 66.1 0.0 130.4

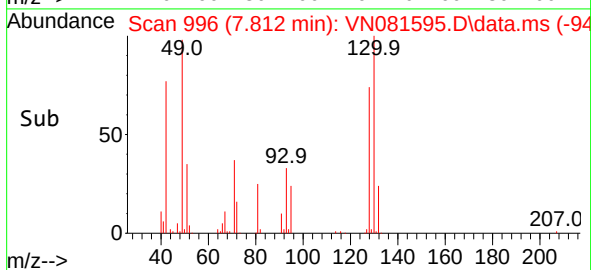
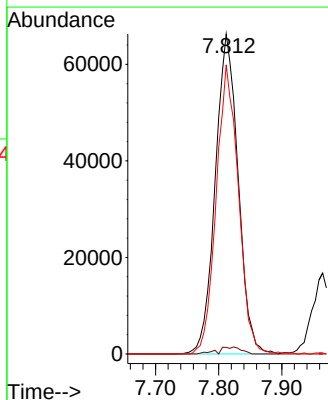
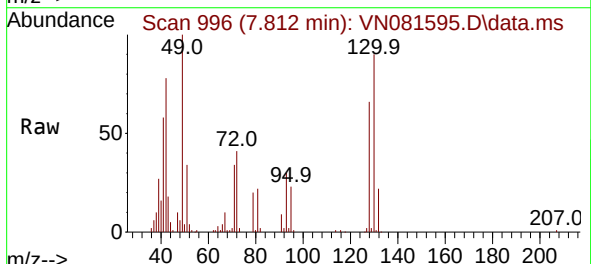
Manual Integrations
 APPROVED

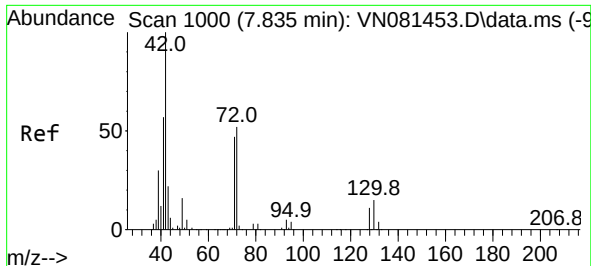
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#28
 Bromochloromethane
 Concen: 47.282 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

Tgt Ion: 49 Resp: 166328
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 87.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 246.681 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081595.D

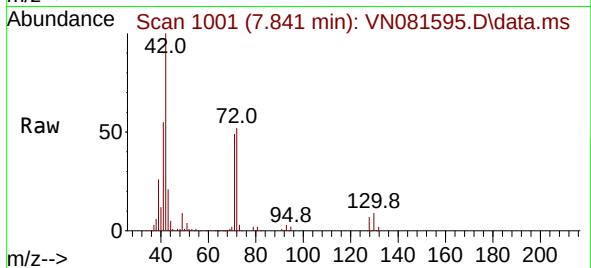
Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



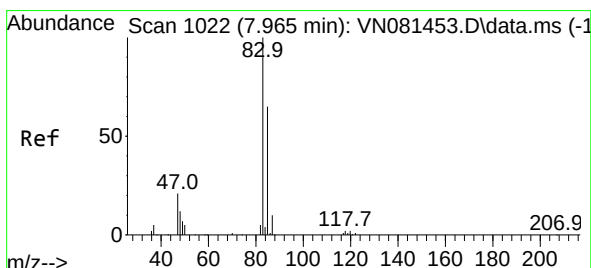
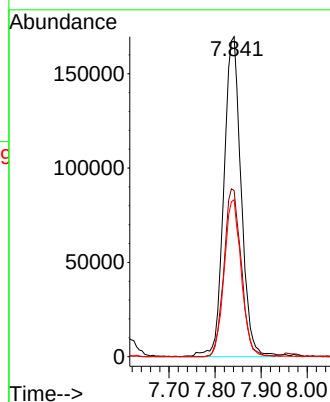
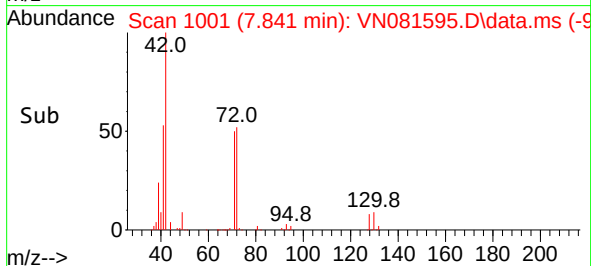
Tgt Ion:	42	Resp:	44085
Ion Ratio	100	Lower	Upper
42	100		
72	52.4	31.1	46.7
71	48.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#30

Chloroform

Concen: 56.036 ug/l

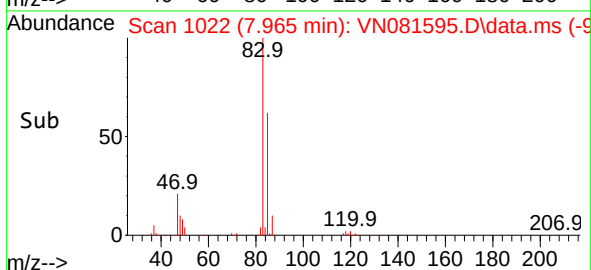
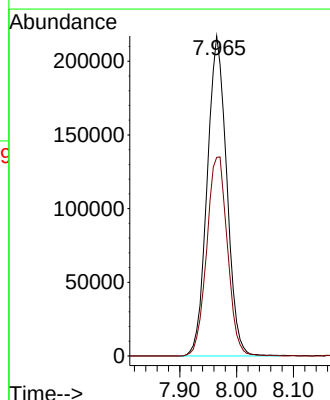
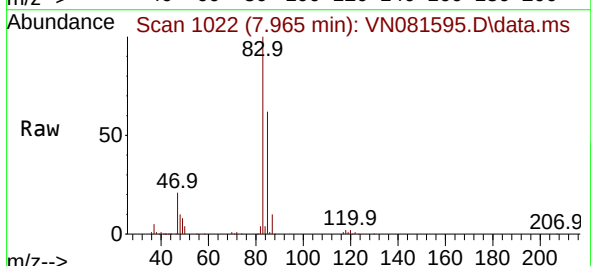
RT: 7.965 min Scan# 1022

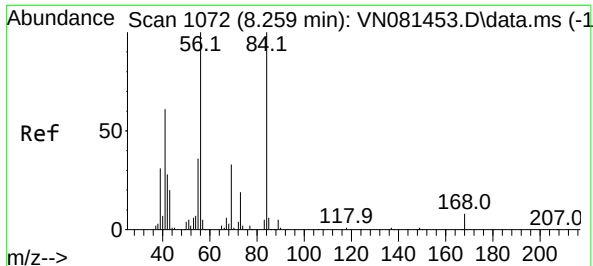
Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

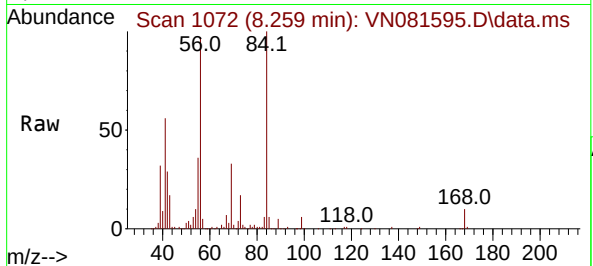
Tgt Ion:	83	Resp:	518101
Ion Ratio	100	Lower	Upper
83	100		
85	62.1	51.0	76.6





#31
Cyclohexane
Concen: 46.786 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

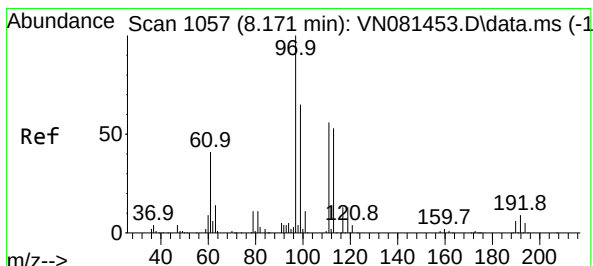
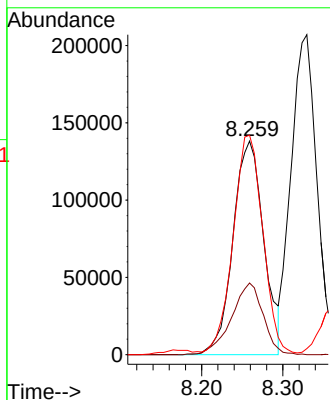
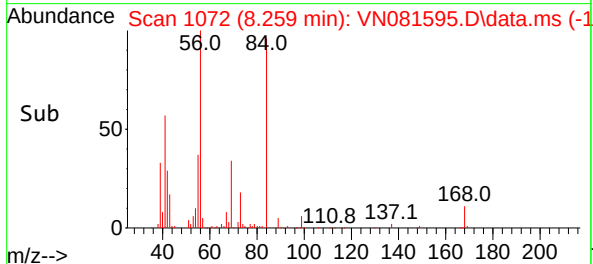
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 364360
Ion Ratio Lower Upper
56 100
69 33.5 20.1 30.1
84 100.7 56.9 85.3

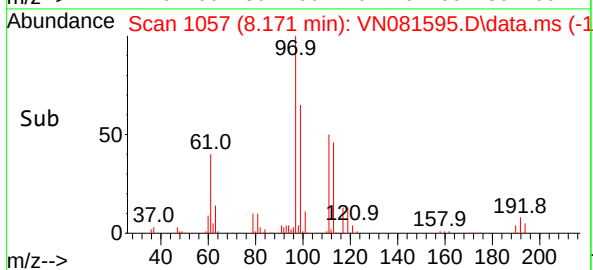
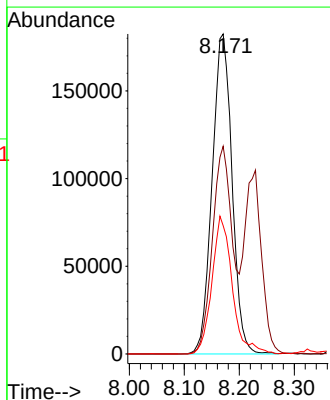
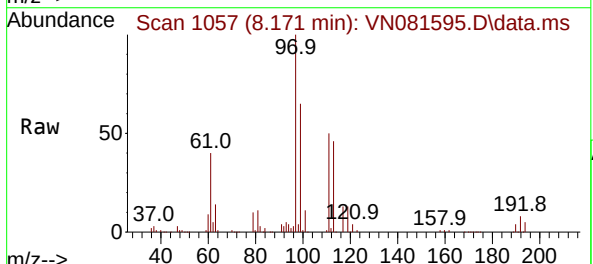
Manual Integrations
APPROVED

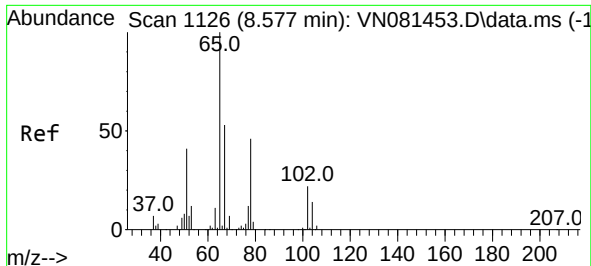
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#32
1,1,1-Trichloroethane
Concen: 54.747 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion: 97 Resp: 459244
Ion Ratio Lower Upper
97 100
99 65.7 53.4 80.0
61 43.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.305 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 24553

Ion Ratio Lower Upper

65 100

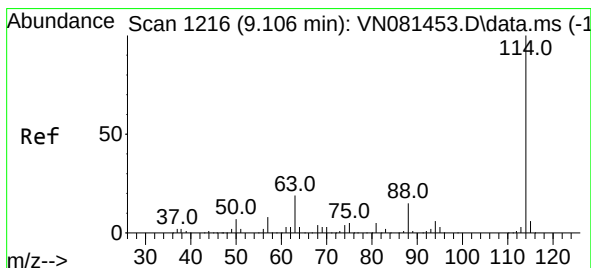
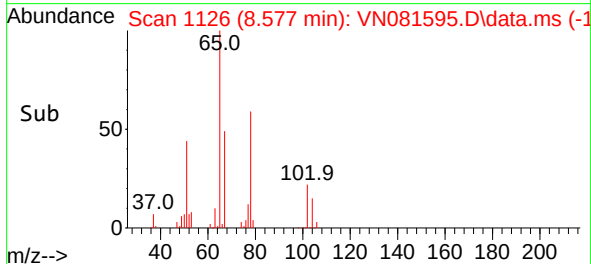
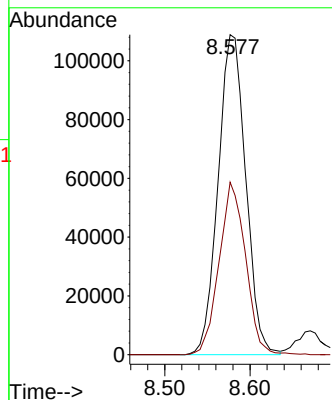
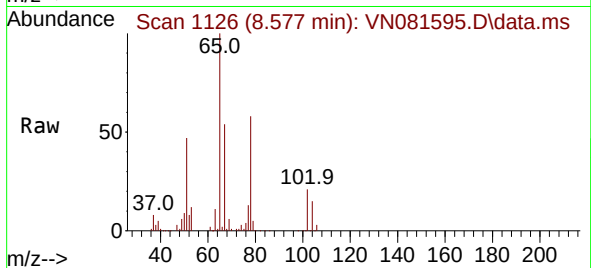
67 51.8 0.0 102.4

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: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

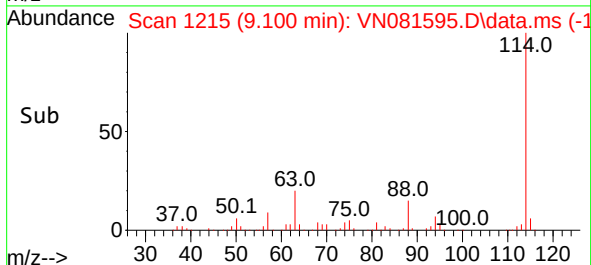
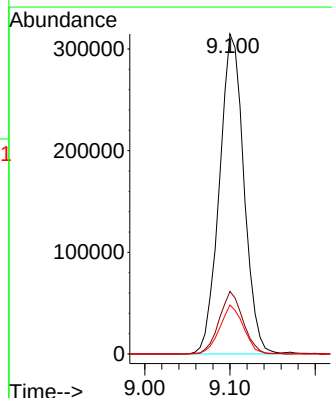
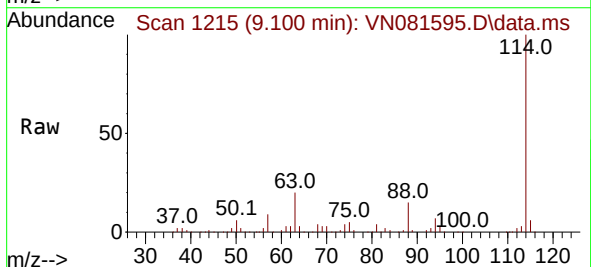
Tgt Ion:114 Resp: 628564

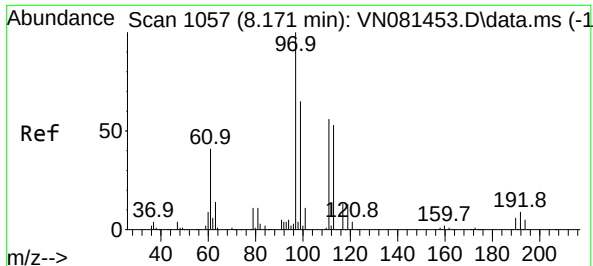
Ion Ratio Lower Upper

114 100

63 19.5 0.0 48.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.164 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 218830

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

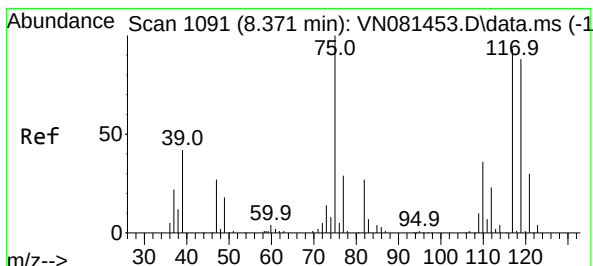
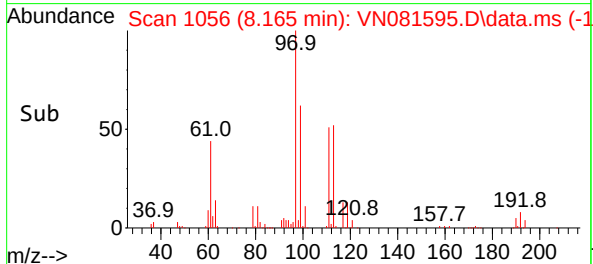
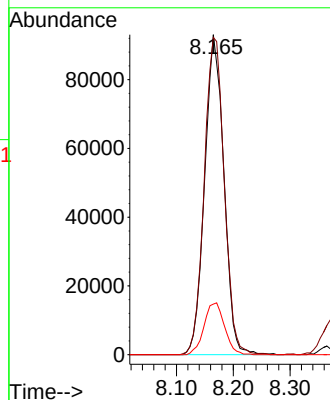
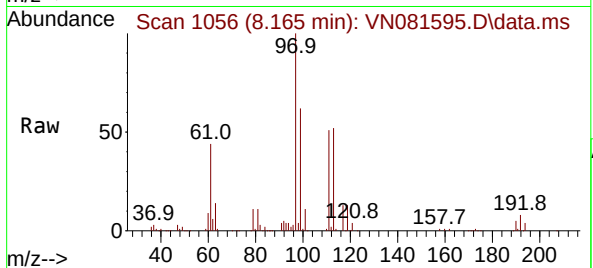
192 17.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#36

1,1-Dichloropropene

Concen: 53.538 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

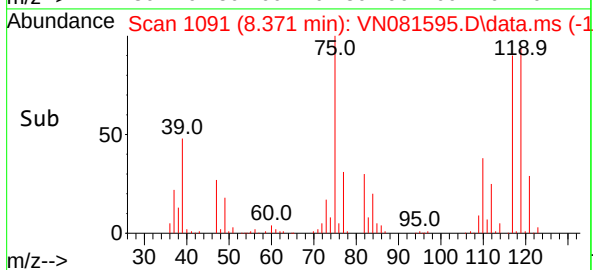
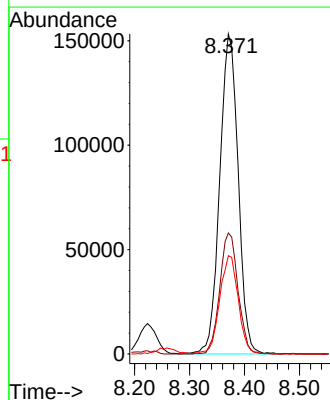
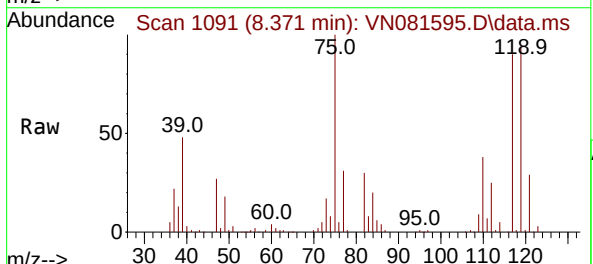
Tgt Ion: 75 Resp: 357410

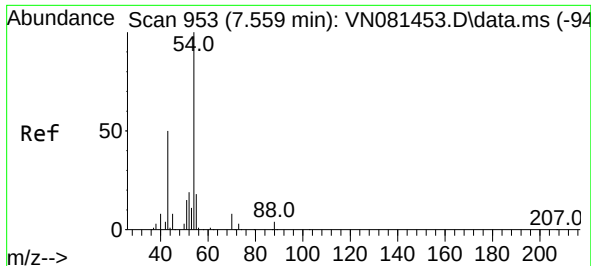
Ion Ratio Lower Upper

75 100

110 37.4 16.0 48.0

77 30.9 25.8 38.6





#37

Ethyl Acetate

Concen: 49.587 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081595.D

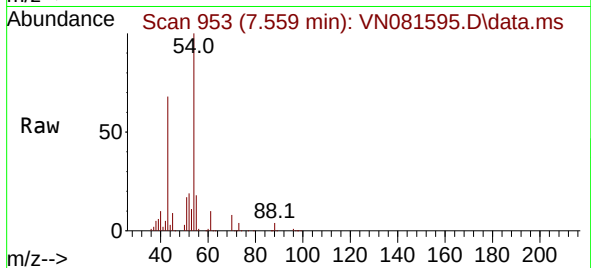
Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 283464

Ion Ratio Lower Upper

43 100

61 15.0 10.6 15.8

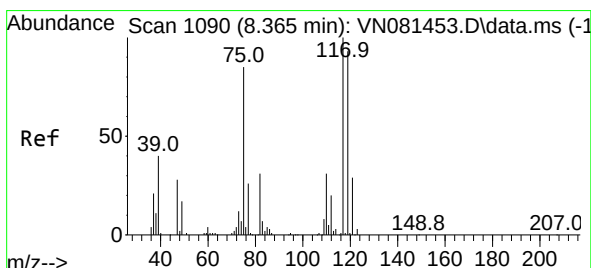
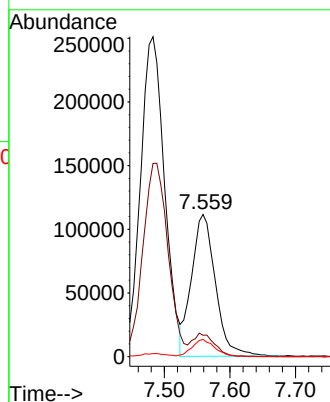
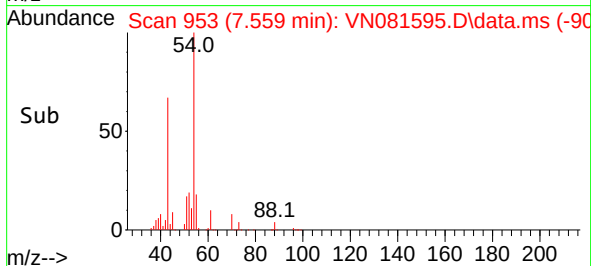
70 11.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#38

Carbon Tetrachloride

Concen: 53.743 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

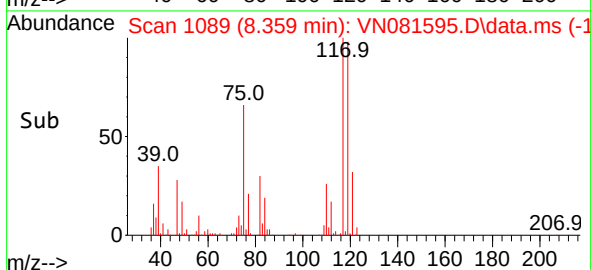
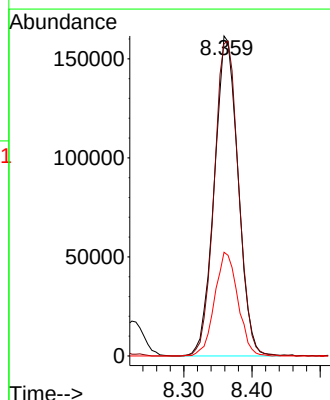
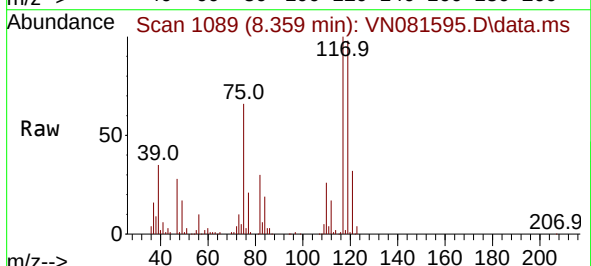
Tgt Ion:117 Resp: 393027

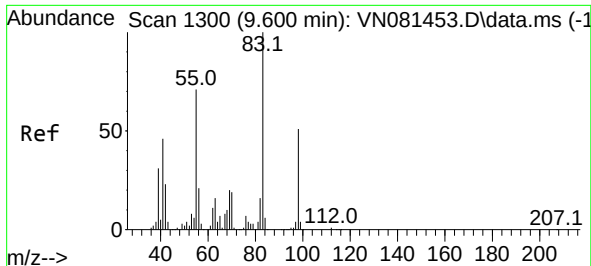
Ion Ratio Lower Upper

117 100

119 97.6 73.4 110.2

121 32.4 24.4 36.6





#39

Methylcyclohexane

Concen: 53.730 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

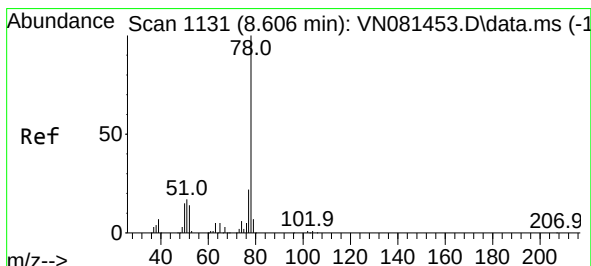
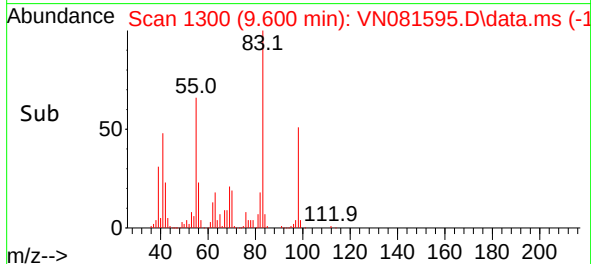
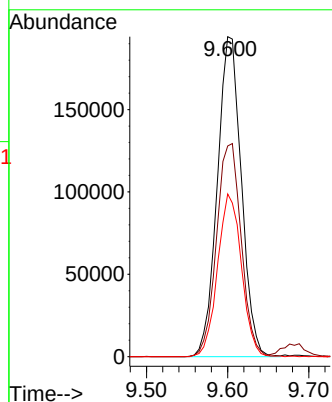
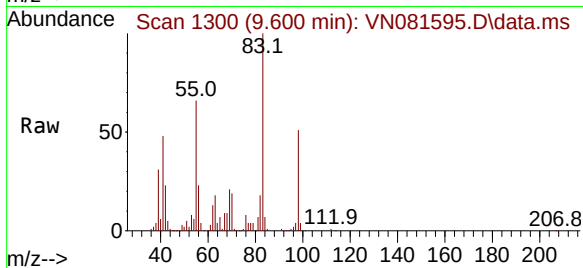
Tgt Ion:	83	Resp:	400564
Ion	Ratio	Lower	Upper
83	100		
55	65.8	65.7	98.5
98	50.8	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Benzene

Concen: 55.917 ug/l

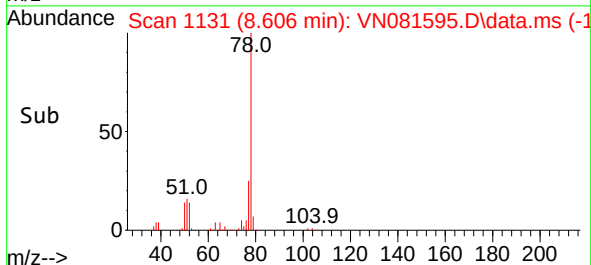
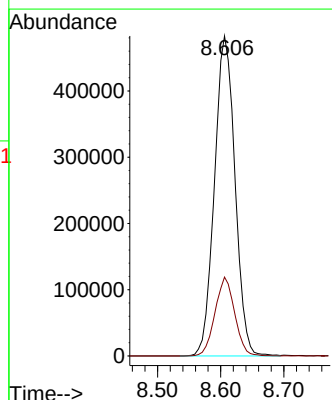
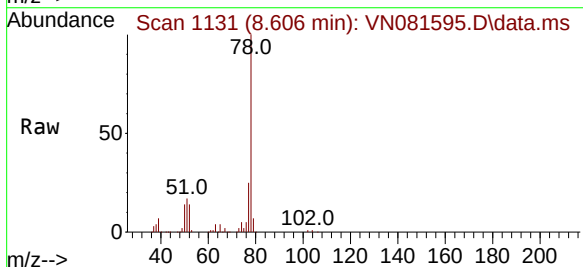
RT: 8.606 min Scan# 1131

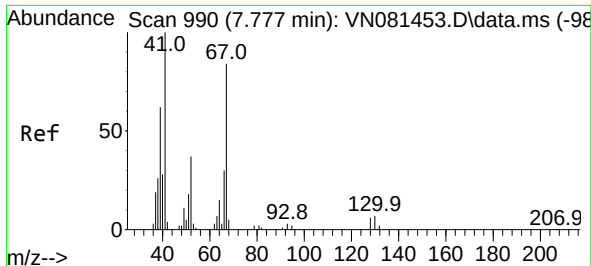
Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

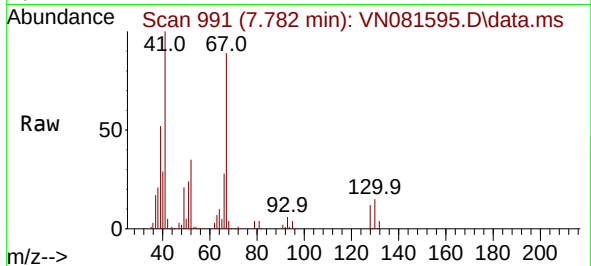
Tgt Ion:	78	Resp:	1091335
Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.4	30.6





#41
Methacrylonitrile
Concen: 52.111 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

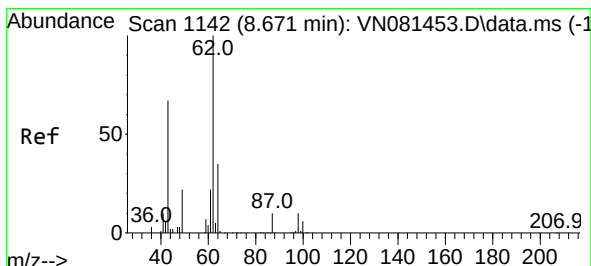
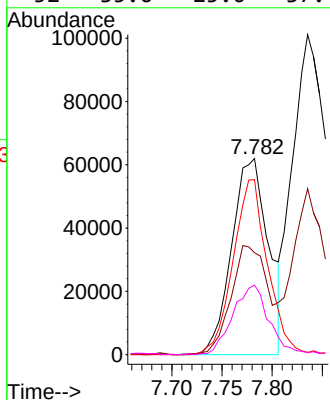
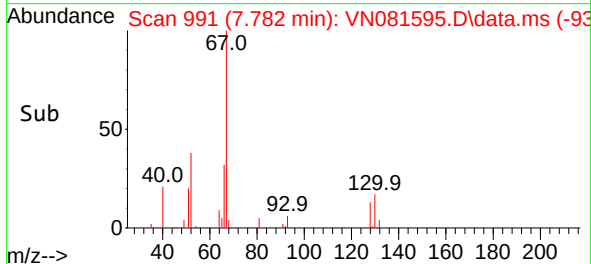
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



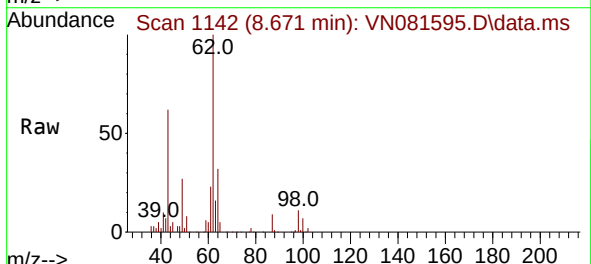
Tgt Ion: 41 Resp: 15753
Ion Ratio Lower Upper
41 100
39 53.4 48.4 72.6
67 84.4 56.8 85.2
52 35.6 25.0 37.4

Manual Integrations
APPROVED

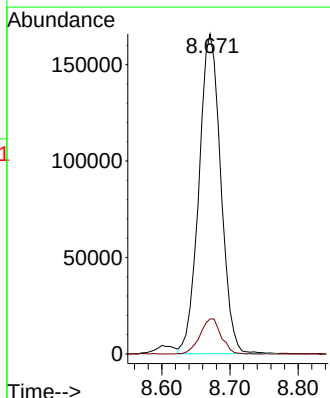
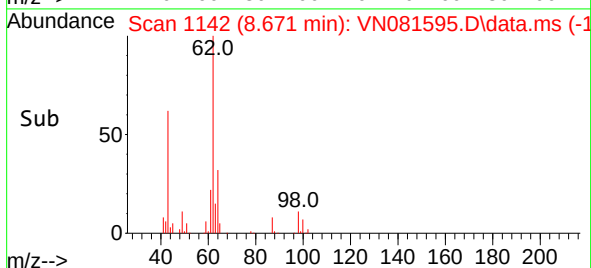
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

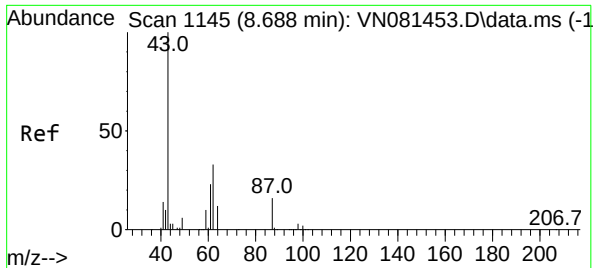


#42
1,2-Dichloroethane
Concen: 53.818 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



Tgt Ion: 62 Resp: 369653
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.967 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

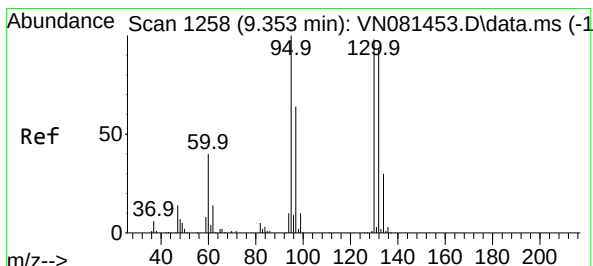
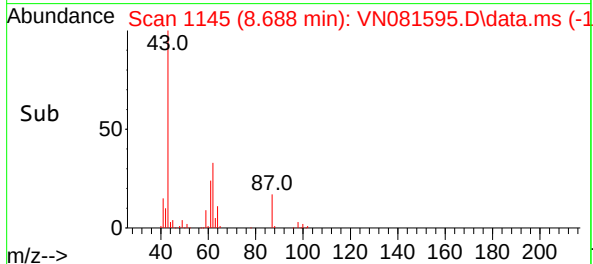
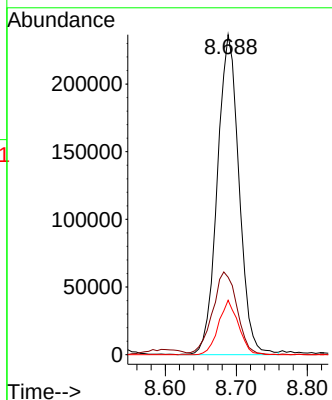
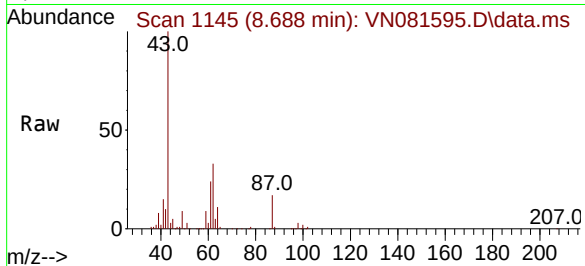
Tgt Ion: 43 Resp: 50189
Ion Ratio Lower Upper
43 100
61 29.1 19.9 29.9
87 15.6 9.0 13.6

Manual Integrations

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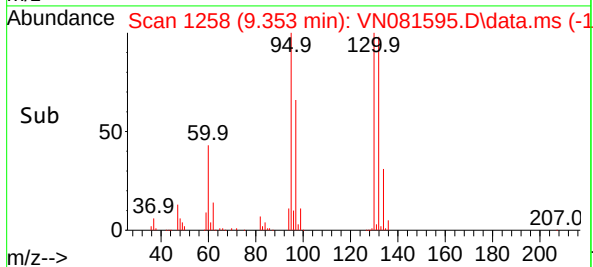
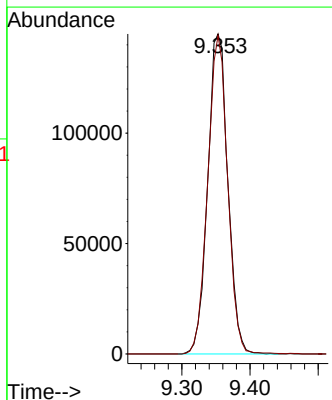
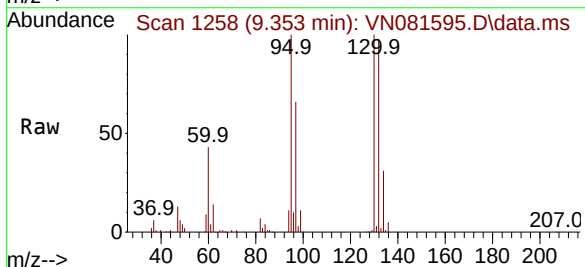
Reviewed By :John Carlone 03/29/2024

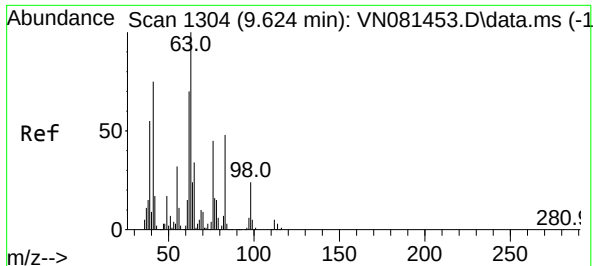
Supervised By :Mahesh Dadoda 03/29/2024



#44
Trichloroethene
Concen: 54.324 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion:130 Resp: 298198
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 58.284 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 27568

Ion Ratio Lower Upper

63 100

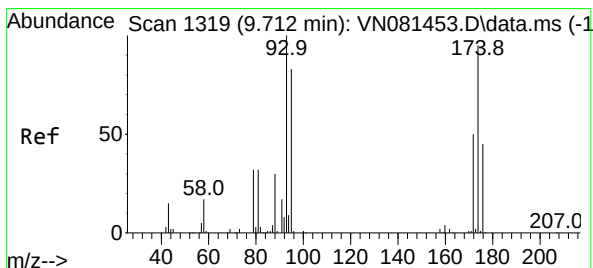
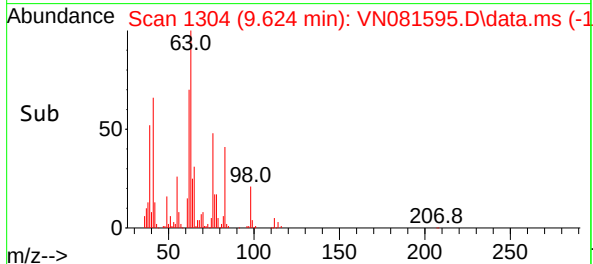
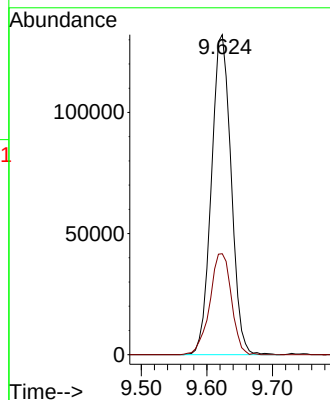
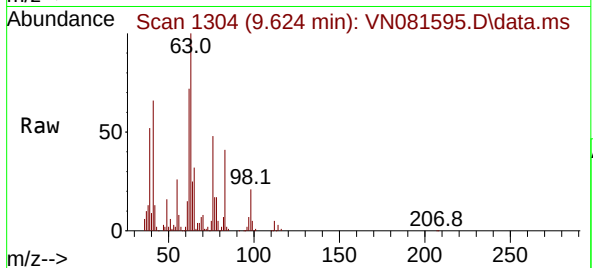
65 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#46

Dibromomethane

Concen: 56.217 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

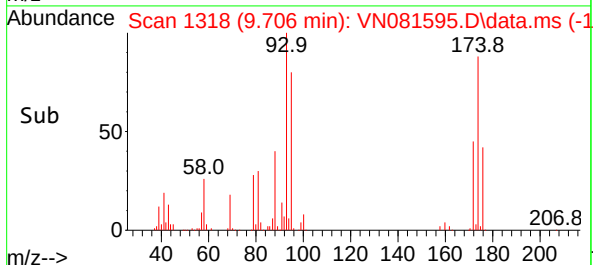
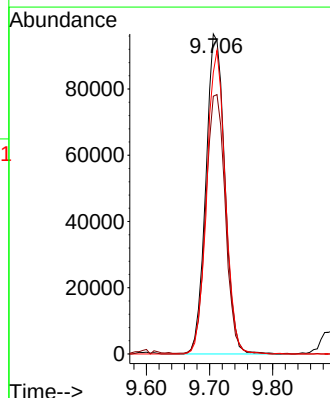
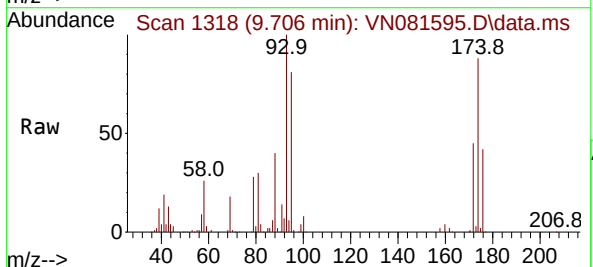
Tgt Ion: 93 Resp: 201938

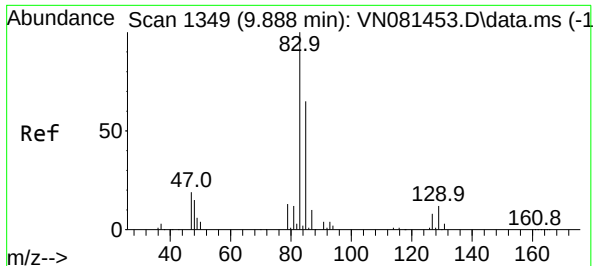
Ion Ratio Lower Upper

93 100

95 83.9 68.1 102.1

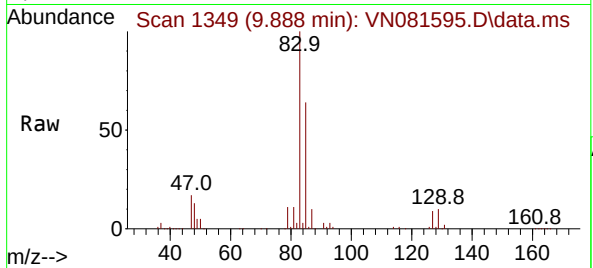
174 92.5 57.2 85.8





#47
Bromodichloromethane
Concen: 58.820 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

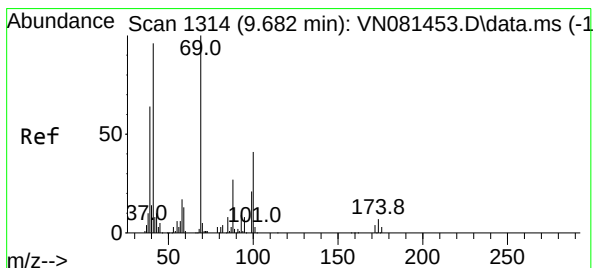
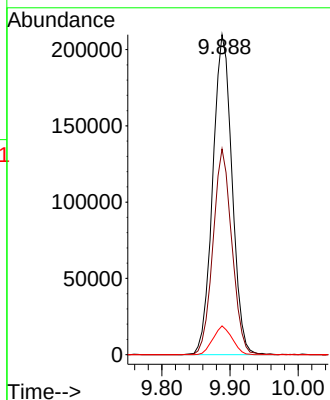
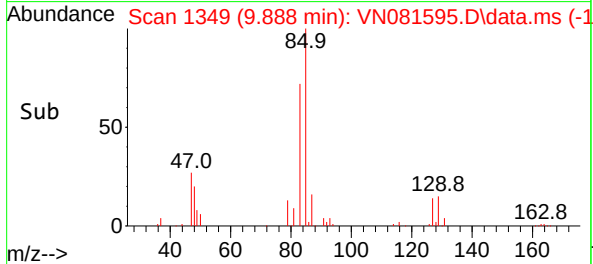
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 41310
Ion Ratio Lower Upper
83 100
85 64.3 52.3 78.5
127 9.0 4.6 7.0

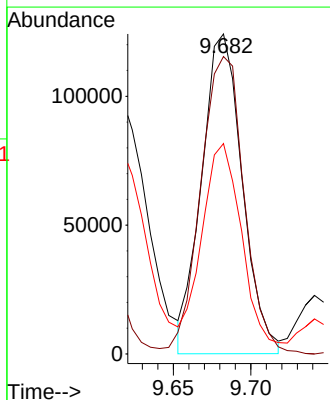
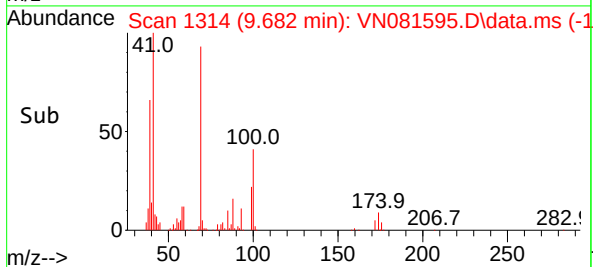
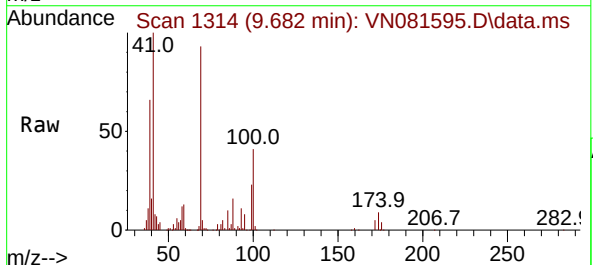
Manual Integrations
APPROVED

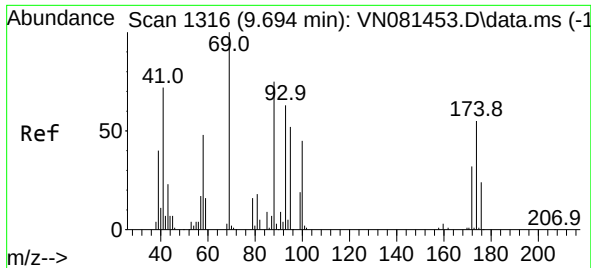
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
Methyl methacrylate
Concen: 51.730 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion: 41 Resp: 226090
Ion Ratio Lower Upper
41 100
69 99.5 62.2 93.2
39 66.4 47.6 71.4





#49

1,4-Dioxane

Concen: 908.901 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

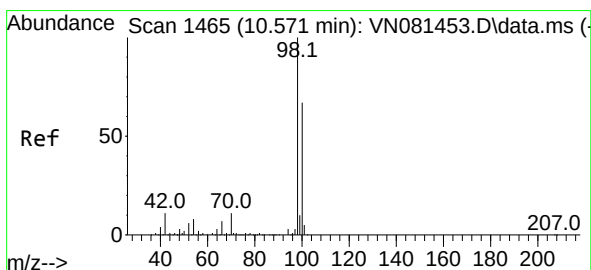
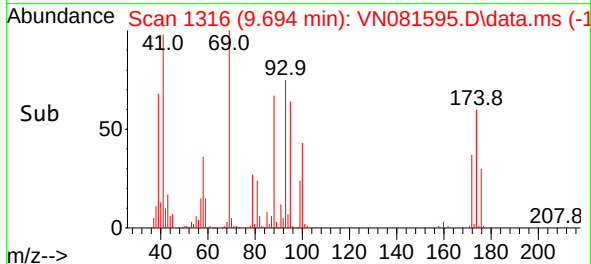
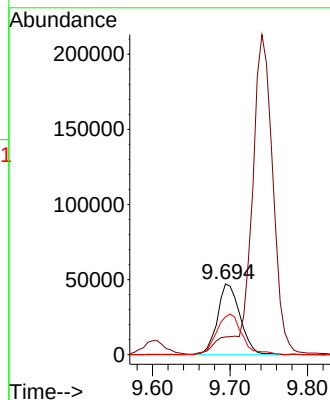
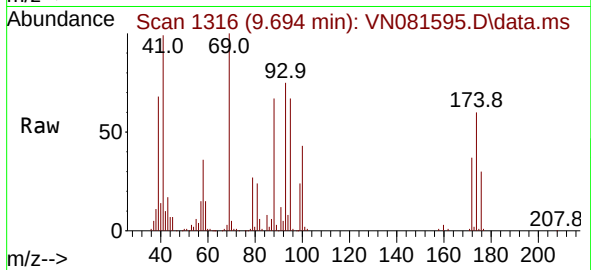
Tgt Ion: 88 Resp: 95463
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.1 45.1
 58 64.5 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#50

Toluene-d8

Concen: 52.727 ug/l

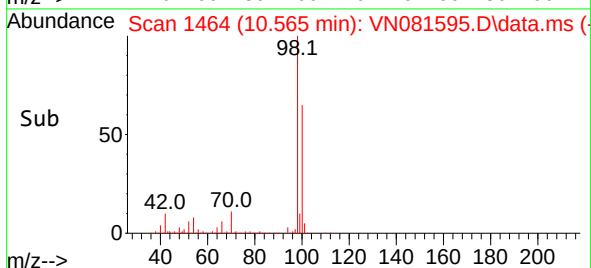
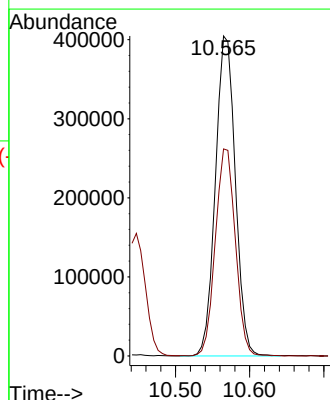
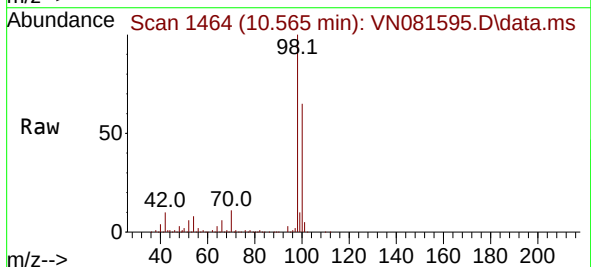
RT: 10.565 min Scan# 1464

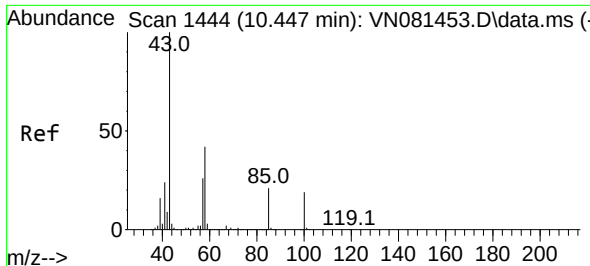
Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Tgt Ion: 98 Resp: 756093
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.0





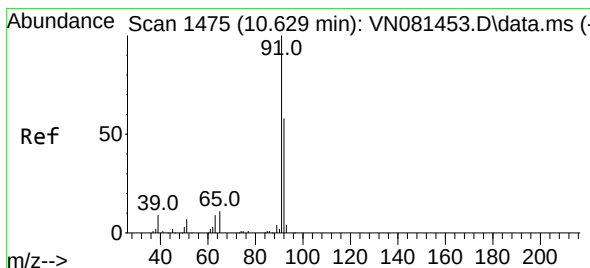
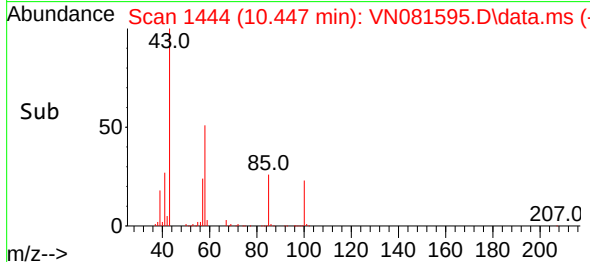
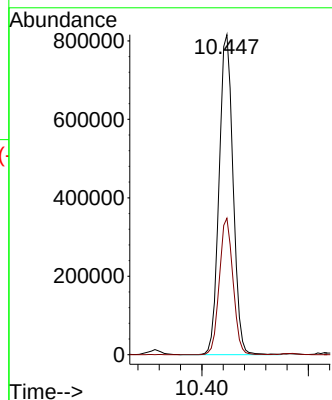
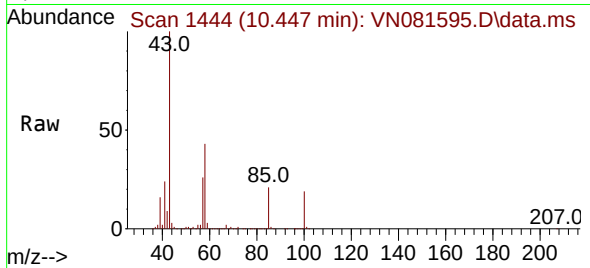
#51
4-Methyl-2-Pentanone
Concen: 256.350 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1482215
Ion Ratio Lower Upper
43 100
58 41.7 29.4 44.0

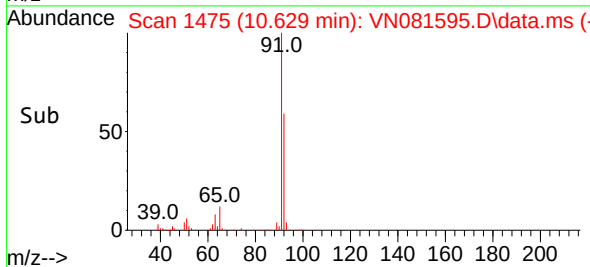
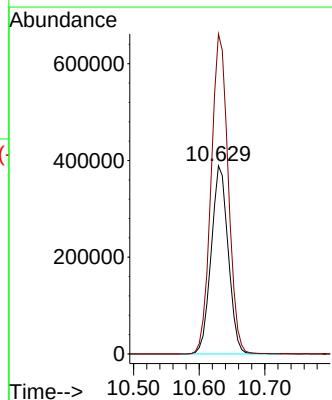
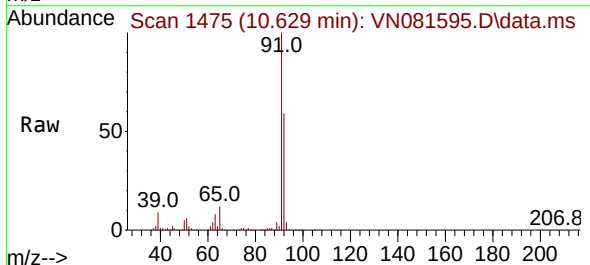
Manual Integrations
APPROVED

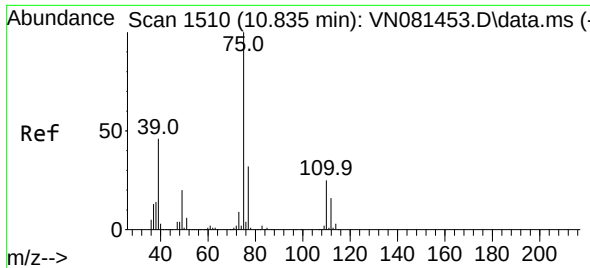
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#52
Toluene
Concen: 56.430 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

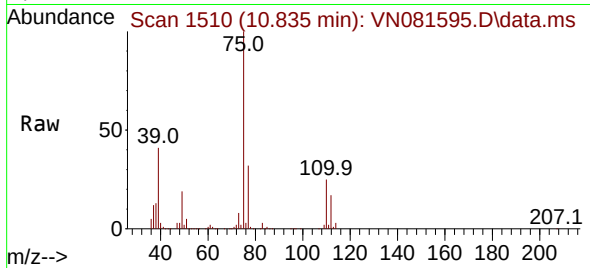
Tgt Ion: 92 Resp: 700010
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 56.485 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

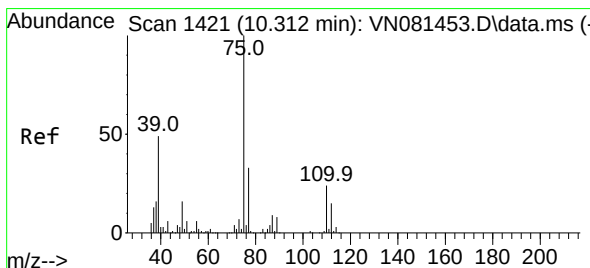
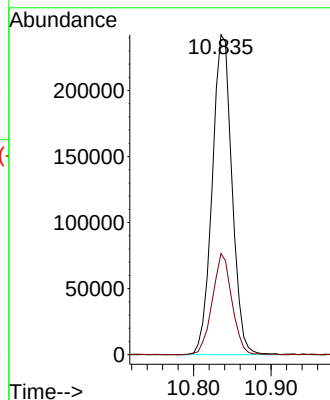
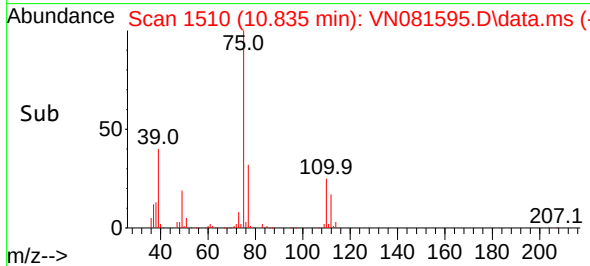
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



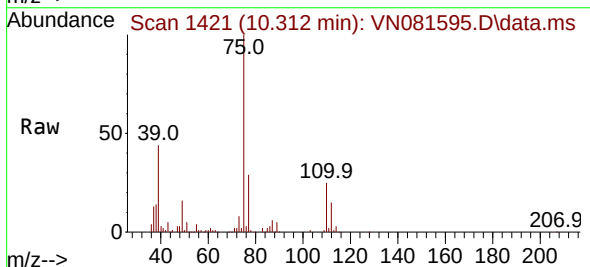
Tgt Ion: 75 Resp: 428364
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3

Manual Integrations
 APPROVED

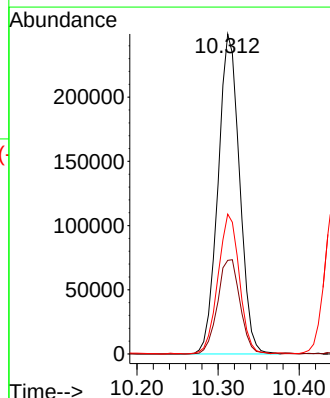
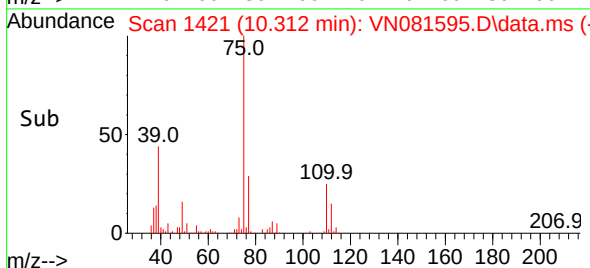
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

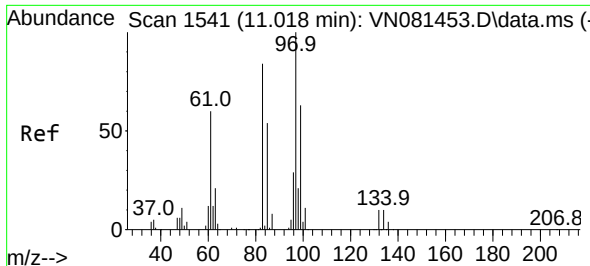


#54
 cis-1,3-Dichloropropene
 Concen: 56.498 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11



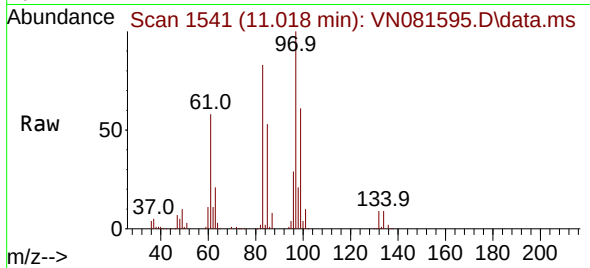
Tgt Ion: 75 Resp: 459380
 Ion Ratio Lower Upper
 75 100
 77 29.3 23.3 34.9
 39 43.5 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 56.777 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

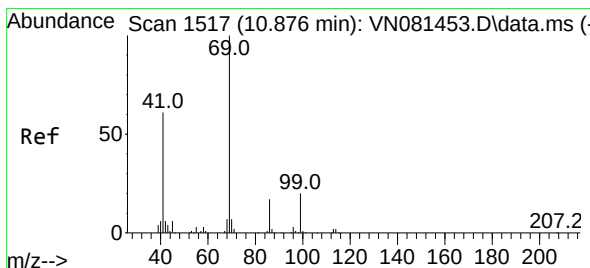
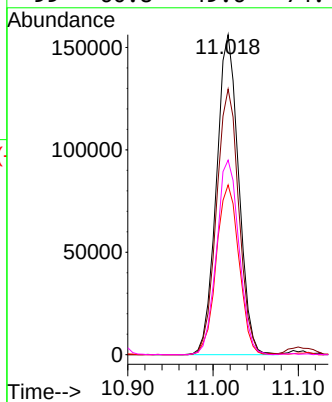
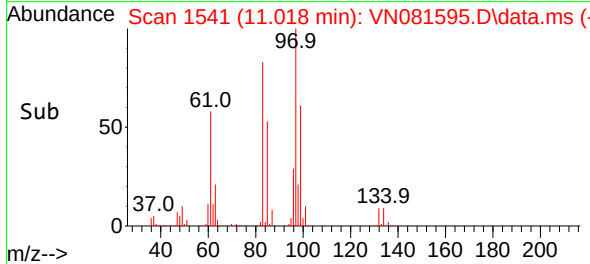
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



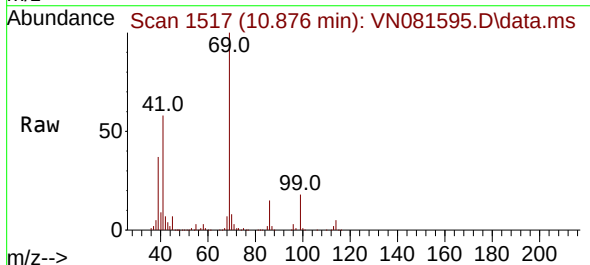
Tgt Ion: 97 Resp: 283440
Ion Ratio Lower Upper
97 100
83 83.0 72.9 109.3
85 53.1 50.2 75.2
99 60.8 49.6 74.4

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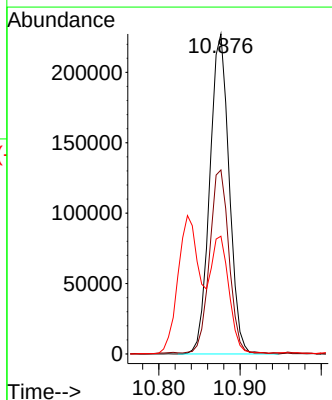
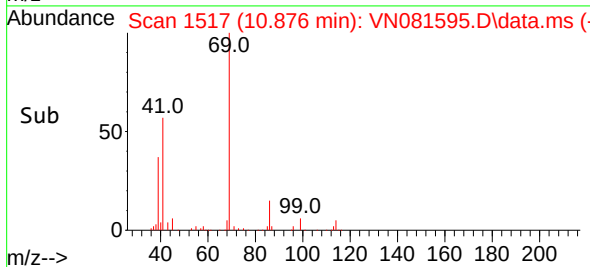
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

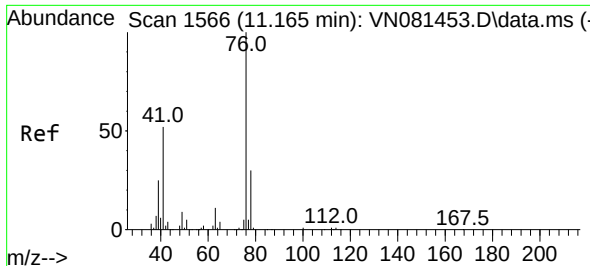


#56
Ethyl methacrylate
Concen: 50.652 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



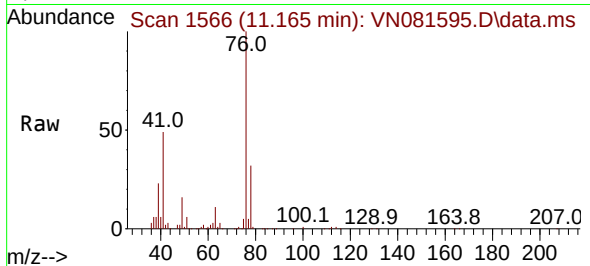
Tgt Ion: 69 Resp: 376983
Ion Ratio Lower Upper
69 100
41 56.9 61.0 91.6#
39 33.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 56.333 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

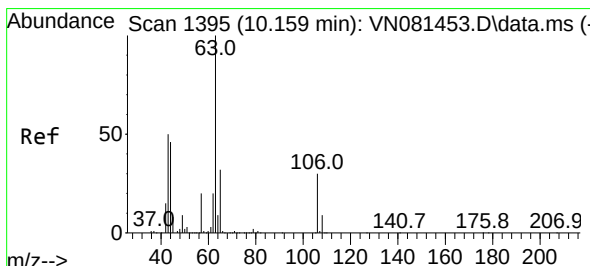
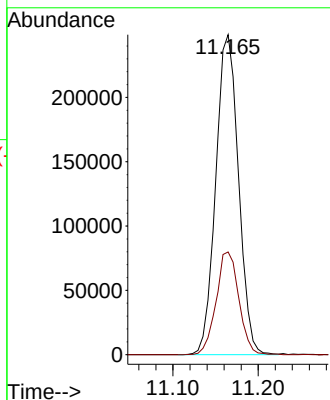
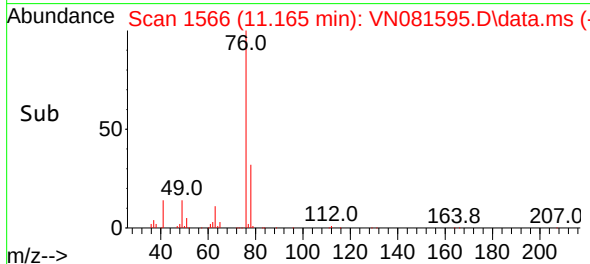
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 461020
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

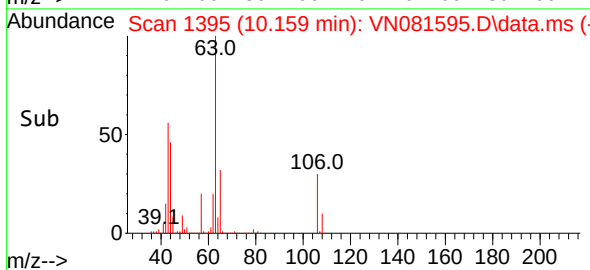
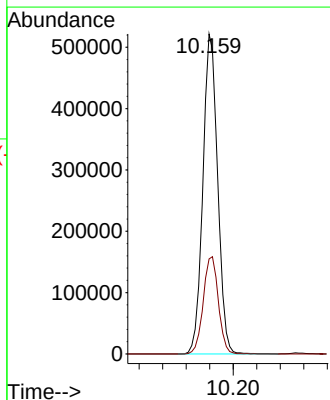
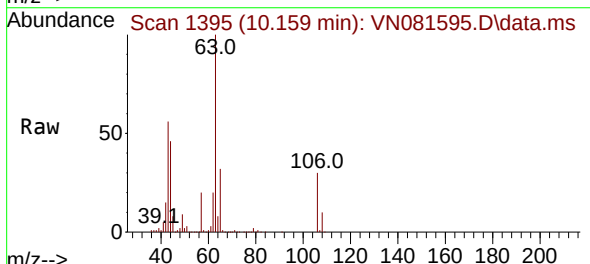
Manual Integrations
APPROVED

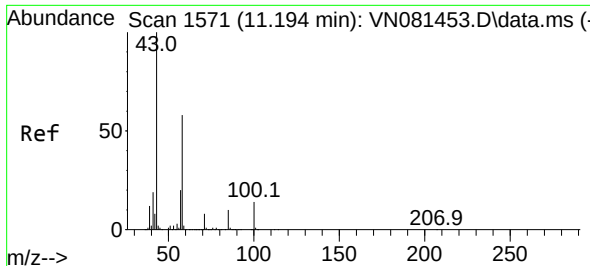
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 289.424 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

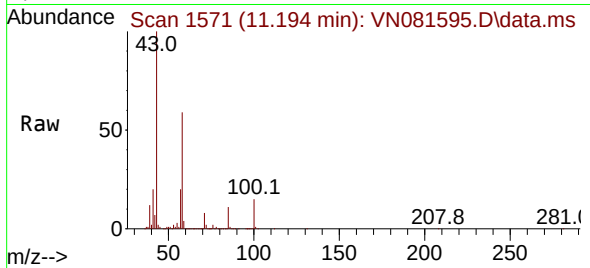
Tgt Ion: 63 Resp: 909160
Ion Ratio Lower Upper
63 100
106 31.1 18.6 28.0#





#59
2-Hexanone
Concen: 248.455 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

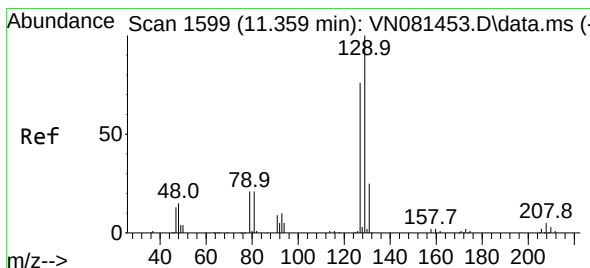
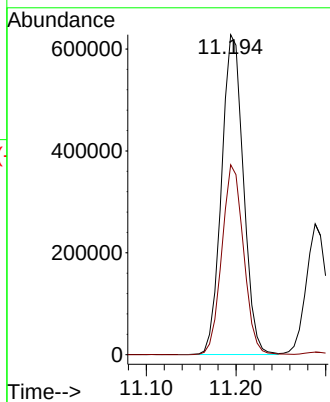
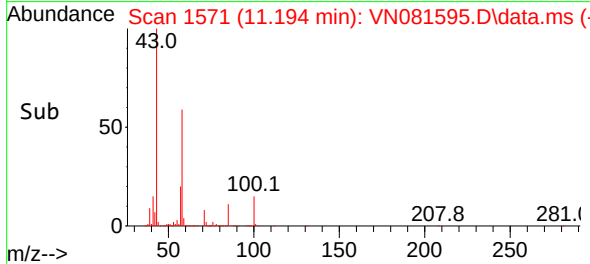
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 106211
Ion Ratio Lower Upper
43 100
58 59.0 25.9 77.8

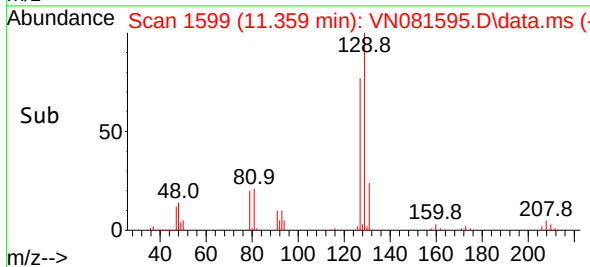
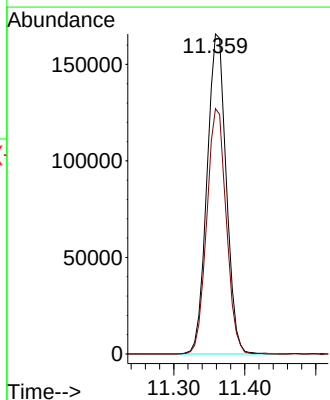
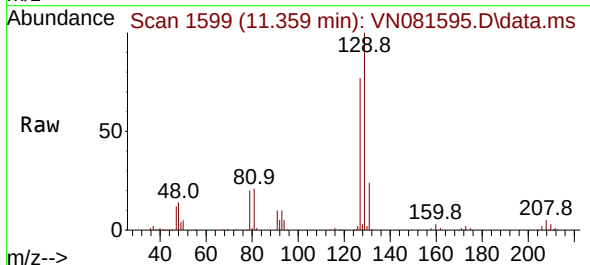
Manual Integrations
APPROVED

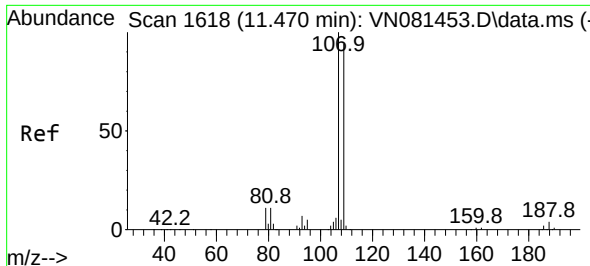
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#60
Dibromochloromethane
Concen: 56.688 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

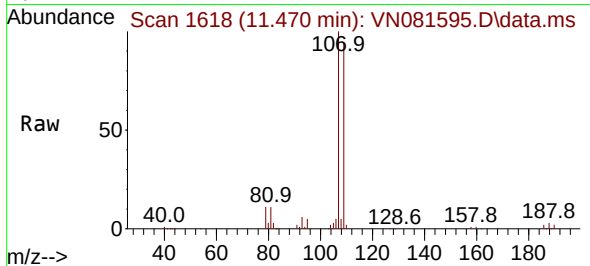
Tgt Ion:129 Resp: 311234
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.431 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

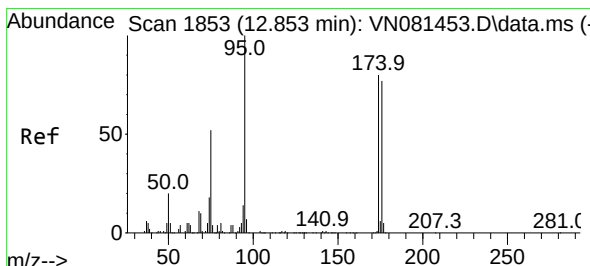
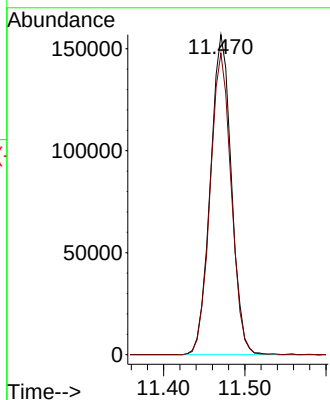
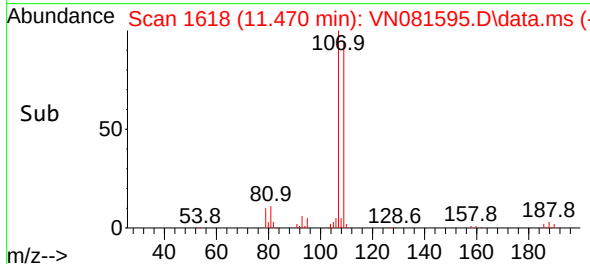
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



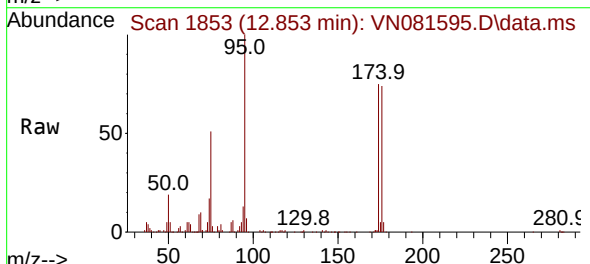
Tgt Ion:107 Resp: 282129
Ion Ratio Lower Upper
107 100
109 94.6 73.4 110.2

Manual Integrations
APPROVED

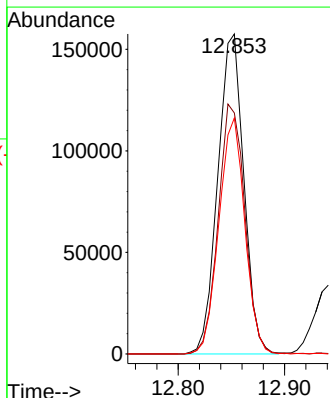
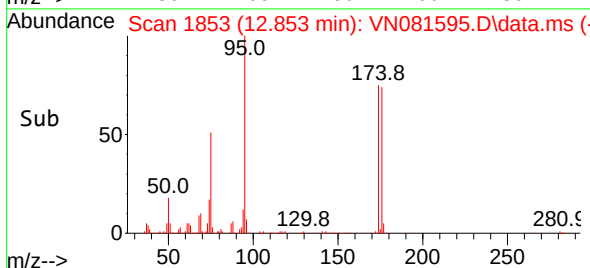
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

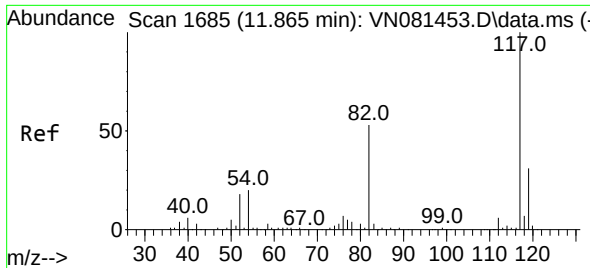


#62
4-Bromofluorobenzene
Concen: 52.778 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



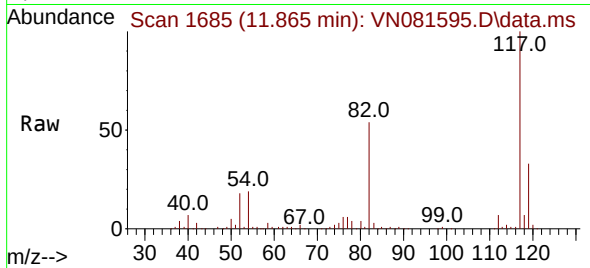
Tgt Ion: 95 Resp: 266676
Ion Ratio Lower Upper
95 100
174 79.9 0.0 120.4
176 73.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

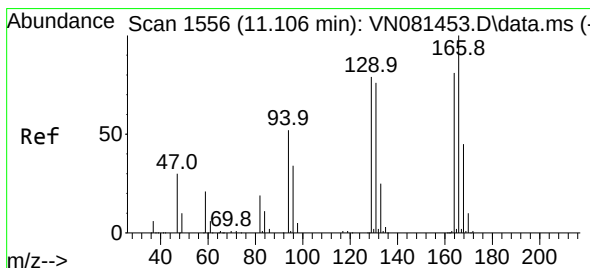
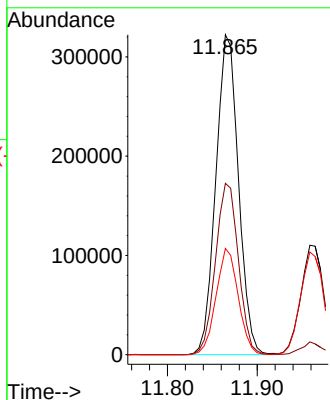
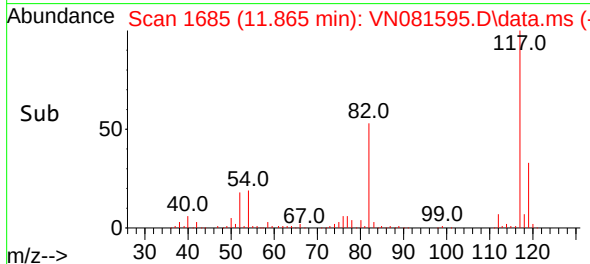
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 565509
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 33.2 25.3 37.9

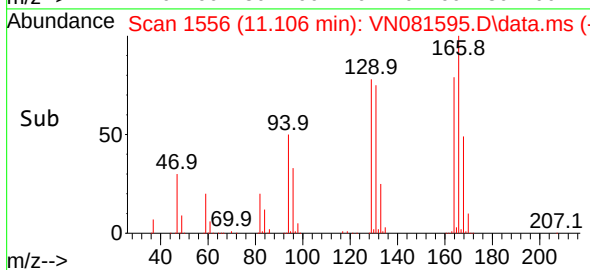
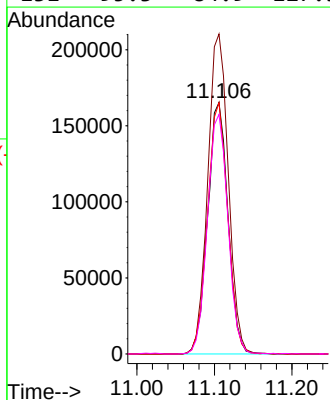
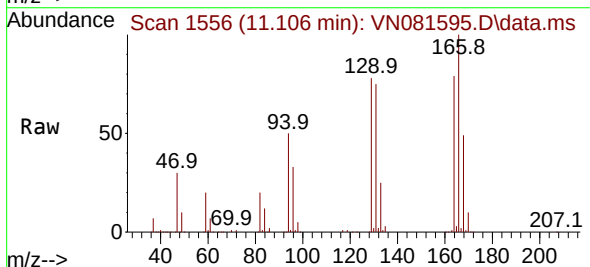
Manual Integrations
APPROVED

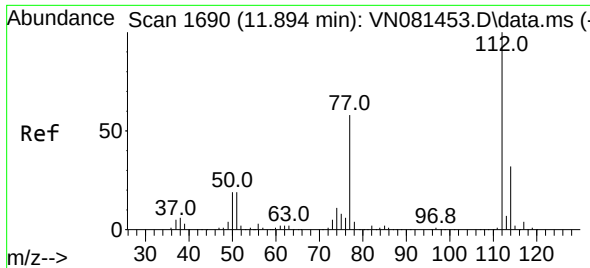
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Tetrachloroethene
Concen: 55.848 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion:164 Resp: 301891
Ion Ratio Lower Upper
164 100
166 127.3 105.8 158.6
129 99.9 89.6 134.4
131 95.3 84.9 127.3





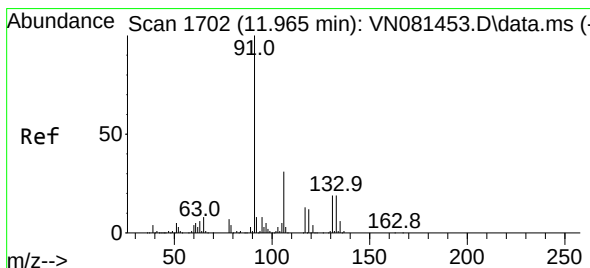
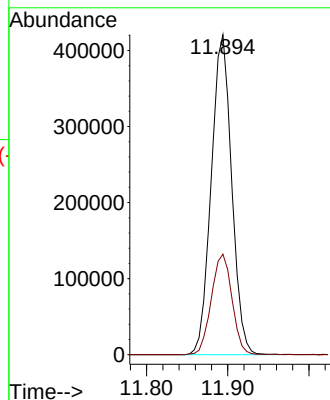
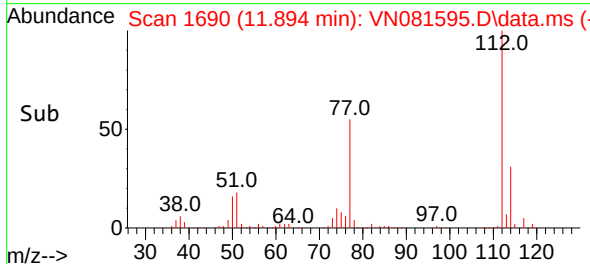
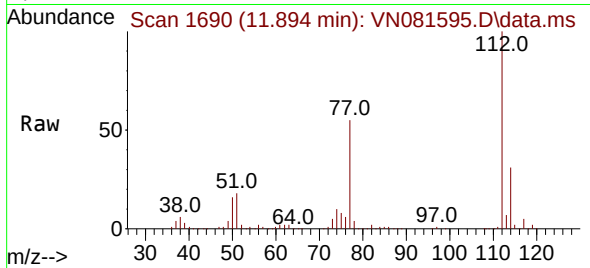
#65
Chlorobenzene
Concen: 54.962 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 734765
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5

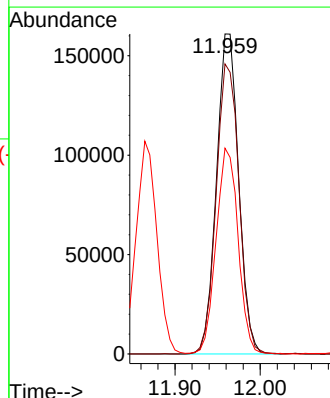
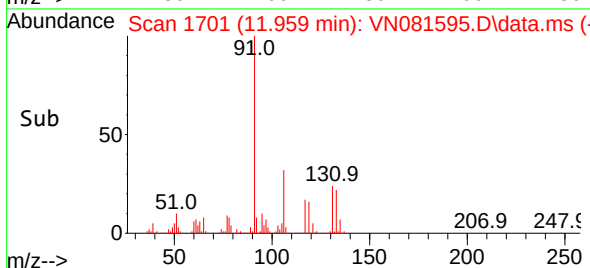
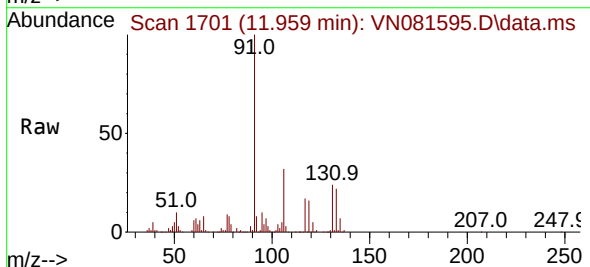
Manual Integrations
APPROVED

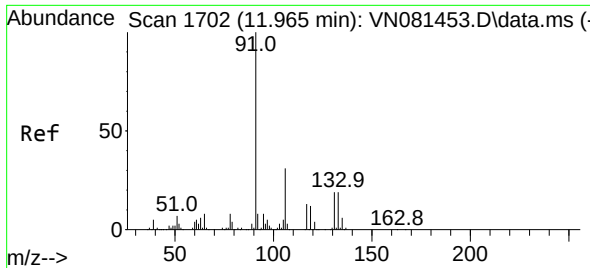
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 58.832 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion:131 Resp: 291500
Ion Ratio Lower Upper
131 100
133 93.2 46.8 140.3
119 64.0 34.6 103.9





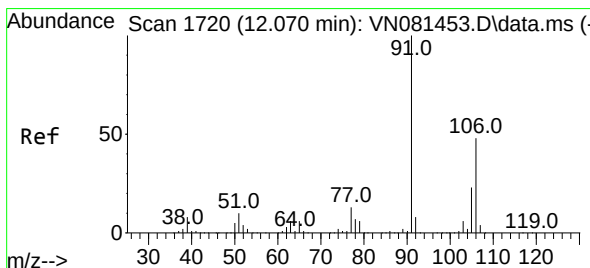
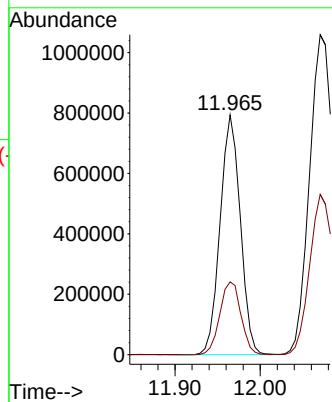
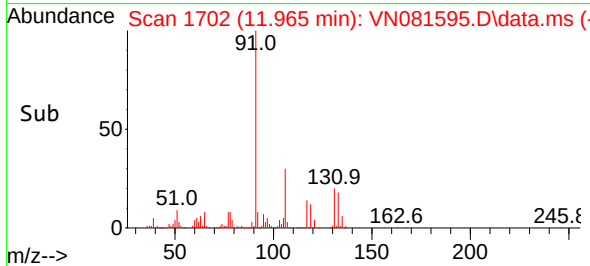
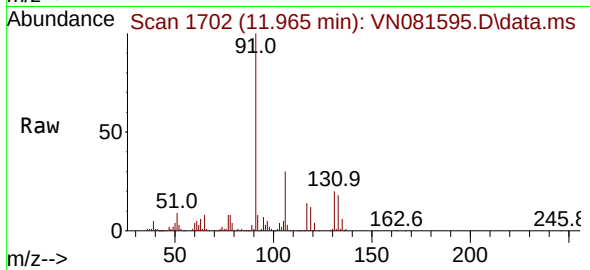
#67
Ethyl Benzene
Concen: 56.388 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1309452
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

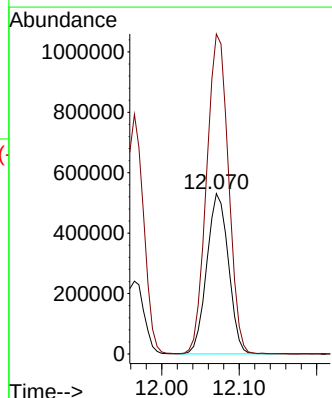
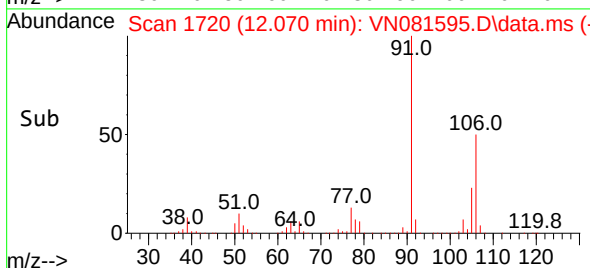
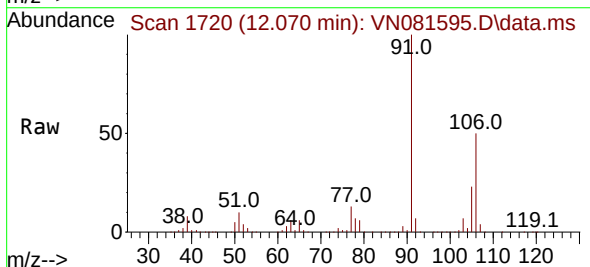
Manual Integrations
APPROVED

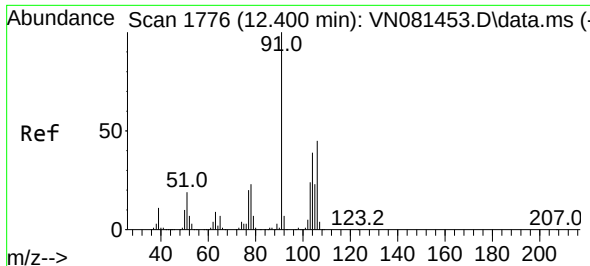
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#68
m/p-Xylenes
Concen: 118.169 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

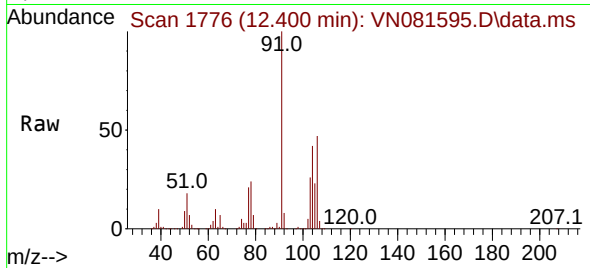
Tgt Ion:106 Resp: 1028736
Ion Ratio Lower Upper
106 100
91 201.6 169.0 253.6





#69
o-Xylene
Concen: 57.682 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

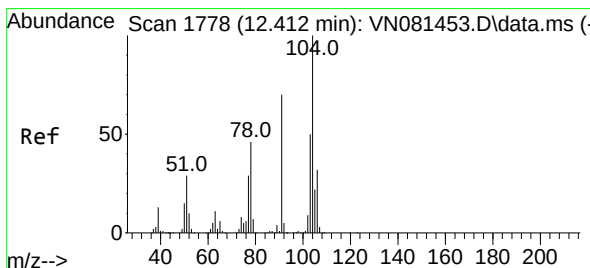
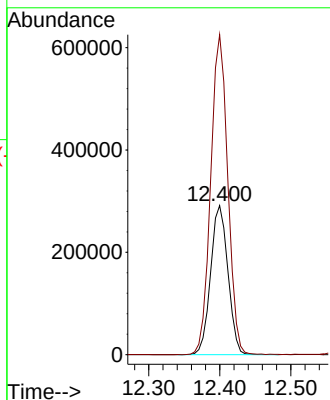
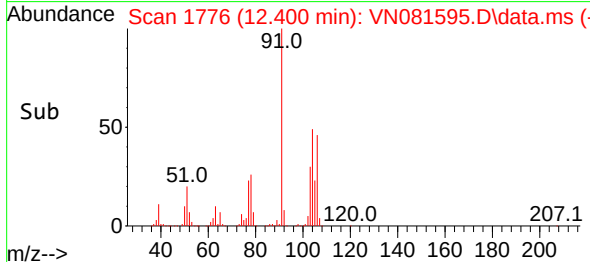
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 492980
Ion Ratio Lower Upper
106 100
91 211.7 112.1 336.3

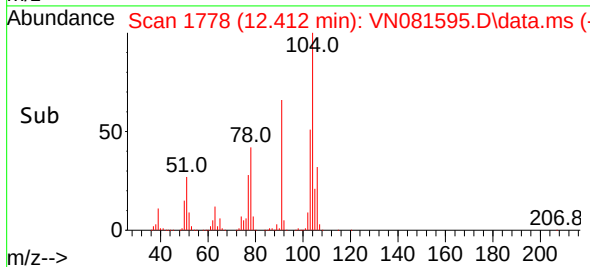
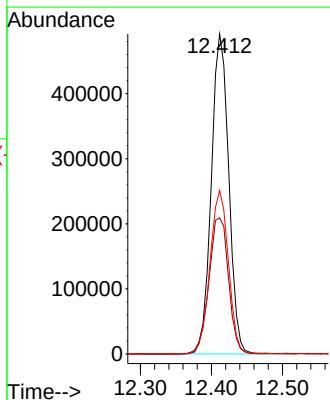
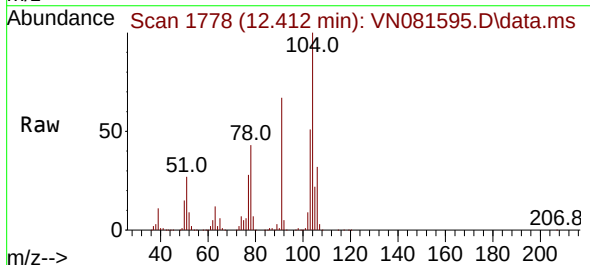
Manual Integrations
APPROVED

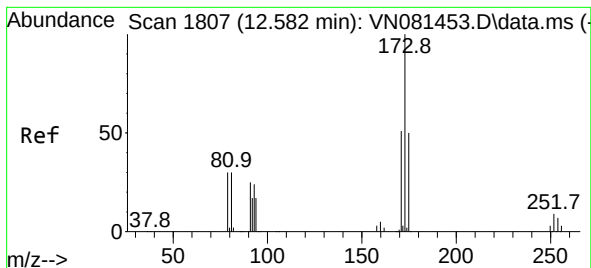
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#70
Styrene
Concen: 60.715 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion:104 Resp: 836892
Ion Ratio Lower Upper
104 100
78 47.9 43.8 65.8
103 53.9 44.2 66.2





#71

Bromoform

Concen: 55.299 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

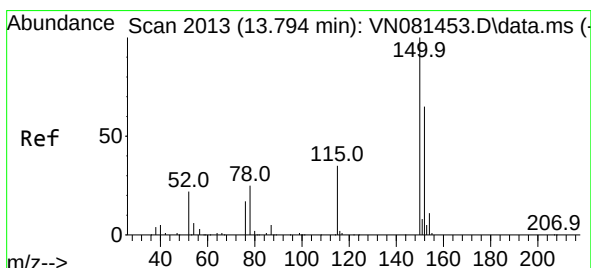
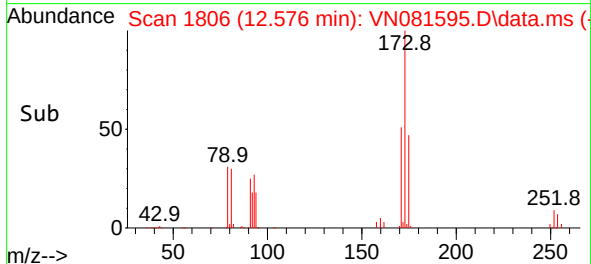
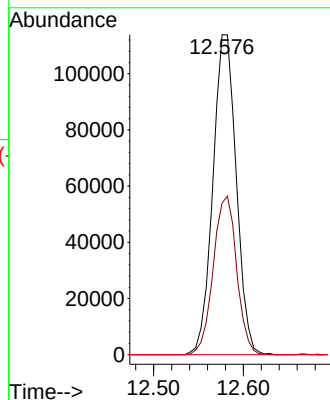
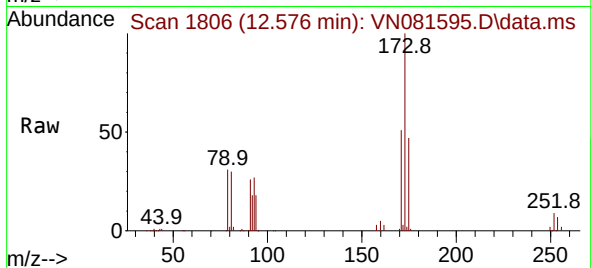
Tgt Ion:173 Resp: 205895
 Ion Ratio Lower Upper
 173 100
 175 49.6 23.1 69.2
 254 0.0 0.0 0.0

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

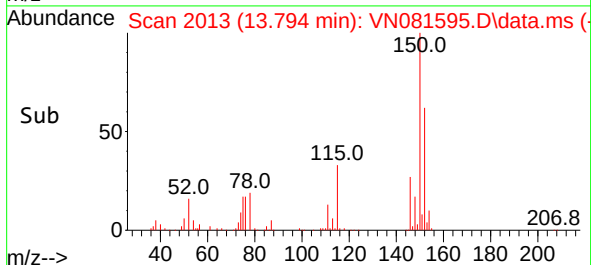
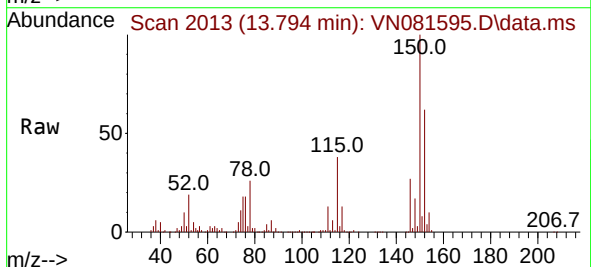
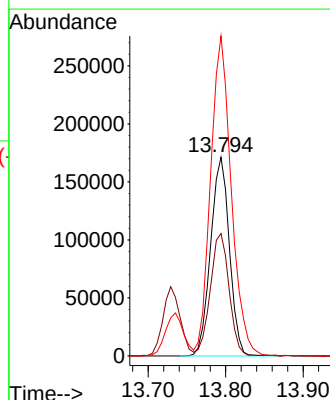
RT: 13.794 min Scan# 2013

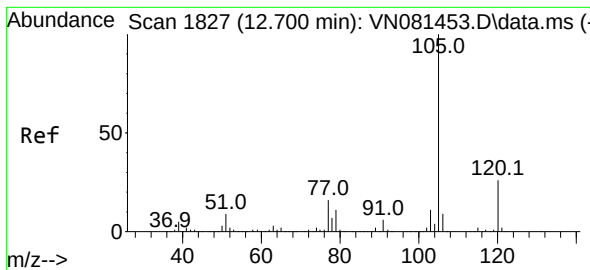
Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Tgt Ion:152 Resp: 288011
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 177.5 0.0 339.8





#73

Isopropylbenzene

Concen: 52.869 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1297940

Ion Ratio Lower Upper

105 100

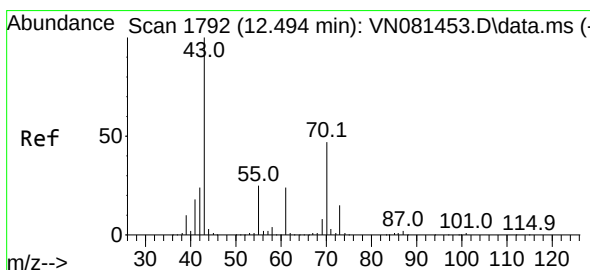
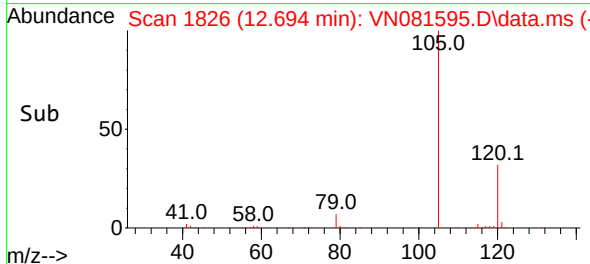
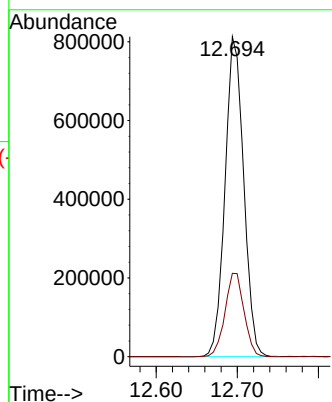
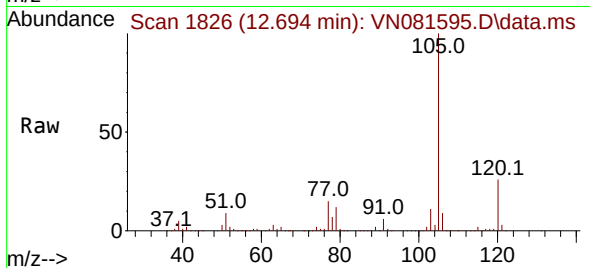
120 26.6 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#74

N-ethyl acetate

Concen: 47.569 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081595.D

Acq: 28 Mar 2024 10:11

Tgt Ion: 43 Resp: 422621

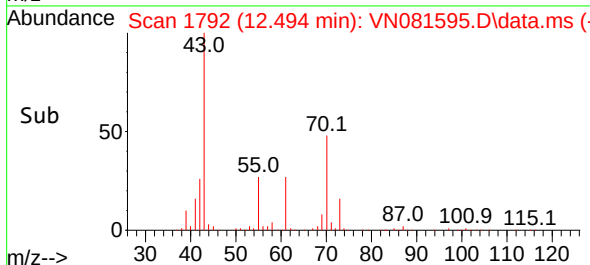
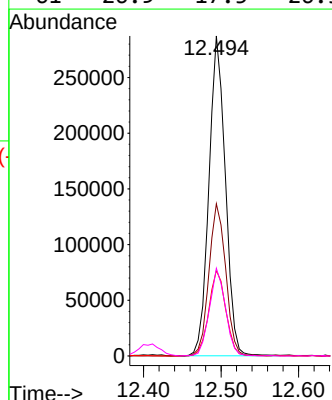
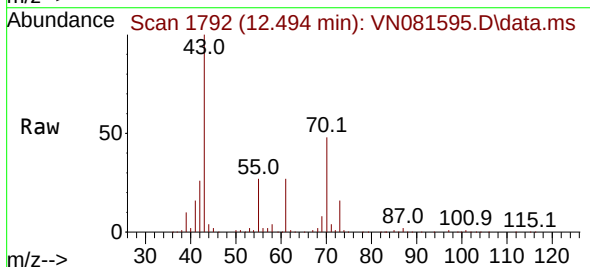
Ion Ratio Lower Upper

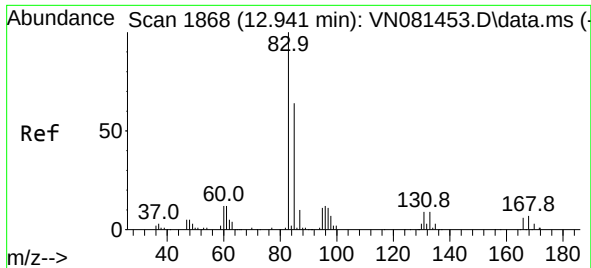
43 100

70 48.8 30.1 45.1#

55 27.7 17.0 25.4#

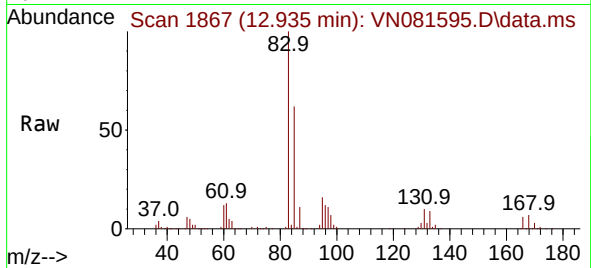
61 26.9 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.259 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

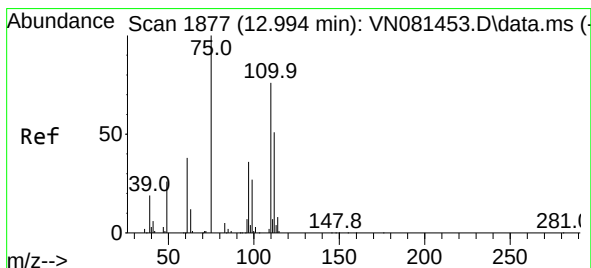
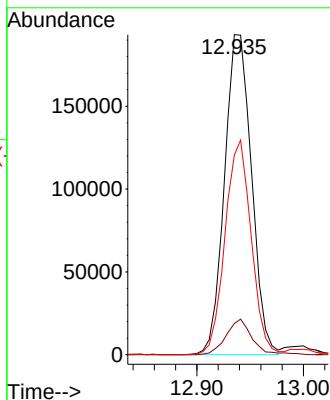
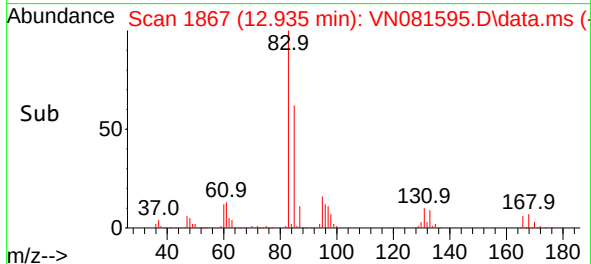
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 34112
Ion Ratio Lower Upper
83 100
131 10.6 4.1 12.3
85 64.6 32.1 96.3

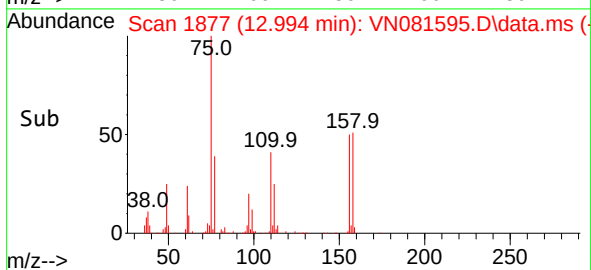
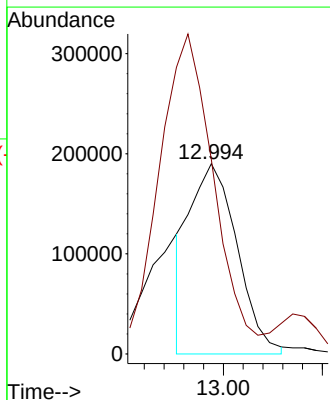
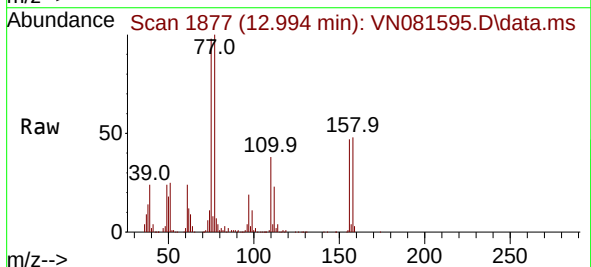
Manual Integrations
APPROVED

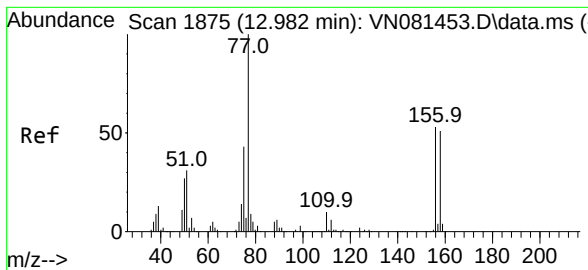
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,2,3-Trichloropropane
Concen: 45.867 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

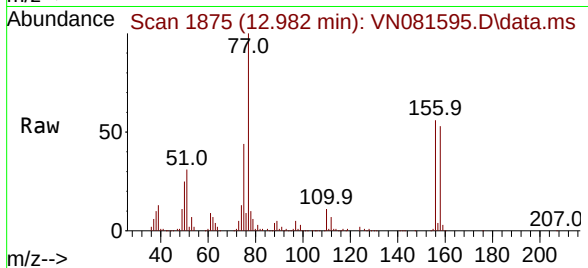
Tgt Ion: 75 Resp: 315993
Ion Ratio Lower Upper
75 100
77 195.9 91.0 272.8





#77
Bromobenzene
Concen: 50.093 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

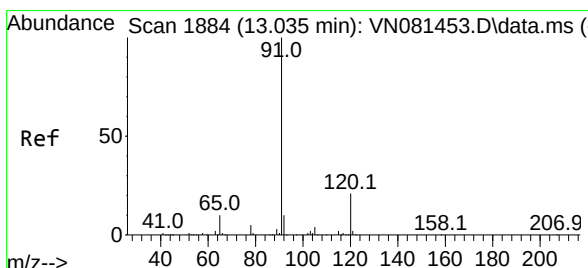
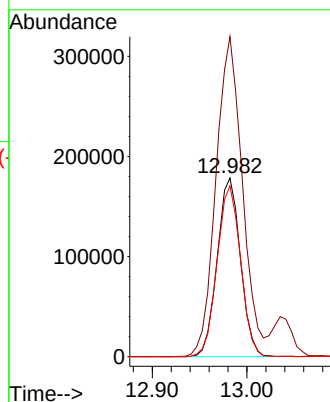
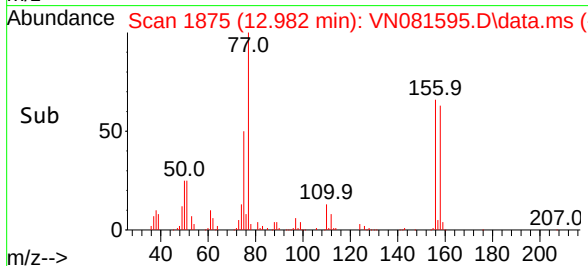
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



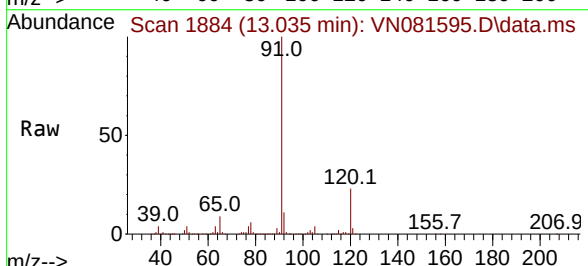
Tgt Ion:156 Resp: 30379
Ion Ratio Lower Upper
156 100
77 203.7 138.1 414.3
158 97.0 46.5 139.5

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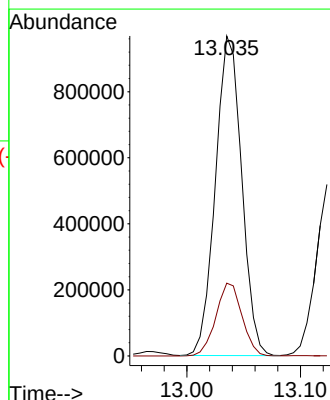
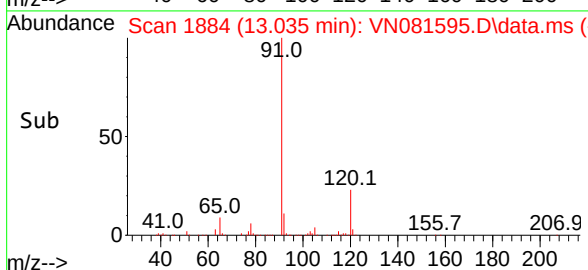
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

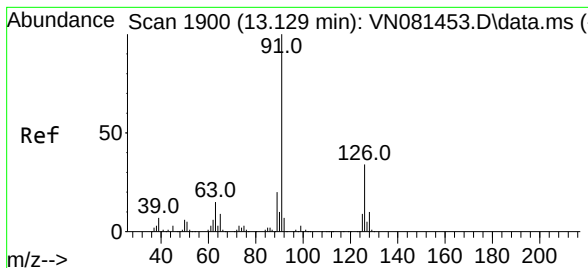


#78
n-propylbenzene
Concen: 53.619 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



Tgt Ion: 91 Resp: 1554559
Ion Ratio Lower Upper
91 100
120 22.7 10.3 30.9





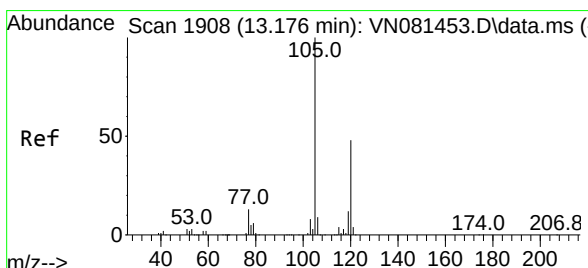
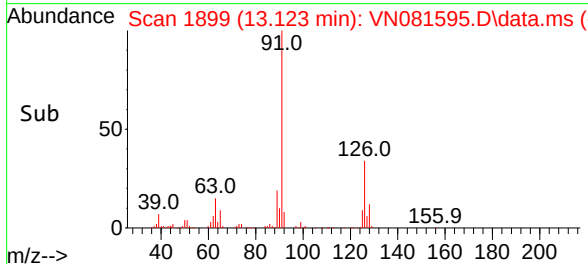
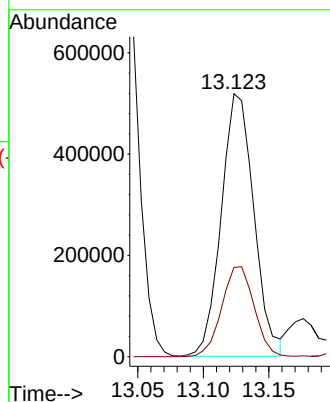
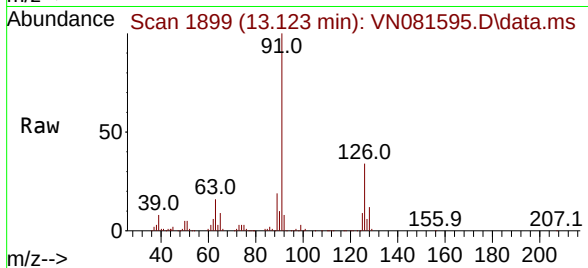
#79
2-Chlorotoluene
Concen: 51.790 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 898690
Ion Ratio Lower Upper
91 100
126 34.0 14.8 44.4

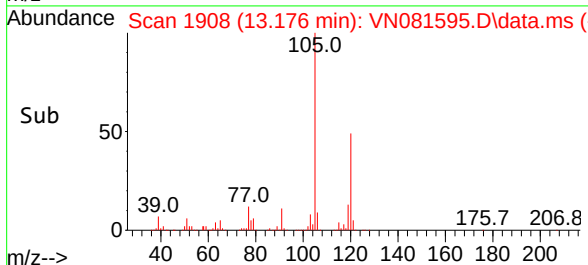
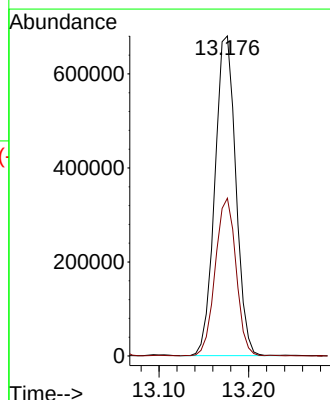
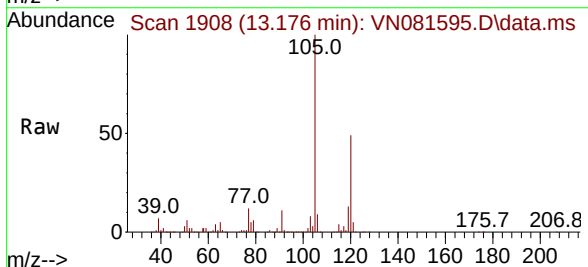
Manual Integrations
APPROVED

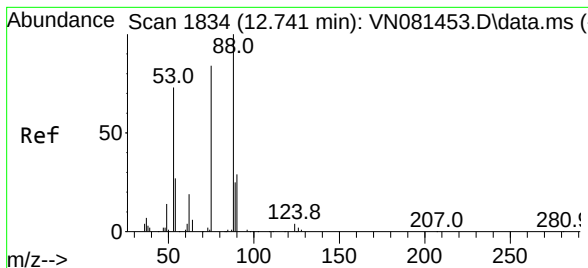
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.402 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

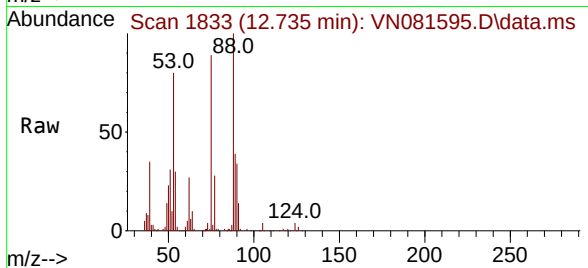
Tgt Ion:105 Resp: 1103123
Ion Ratio Lower Upper
105 100
120 48.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.912 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

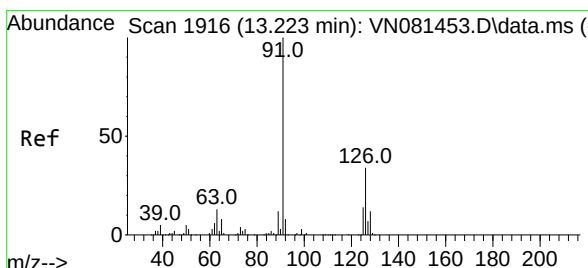
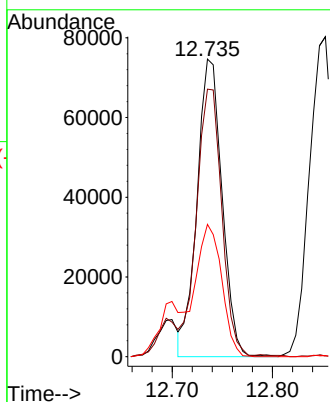
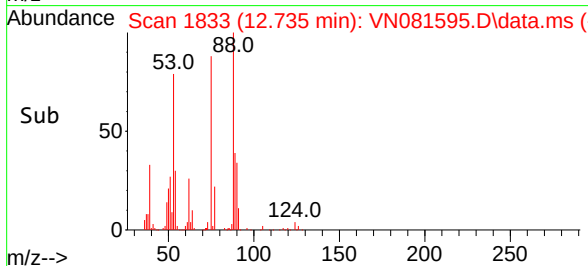
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 129790
Ion Ratio Lower Upper
75 100
53 90.0 71.4 107.2
89 45.6 33.4 50.0

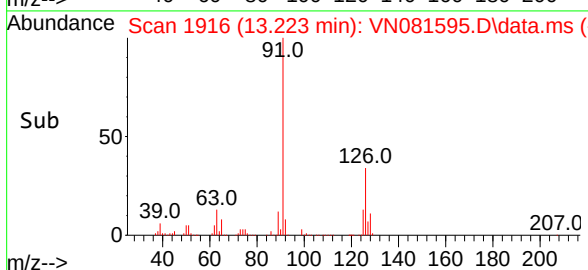
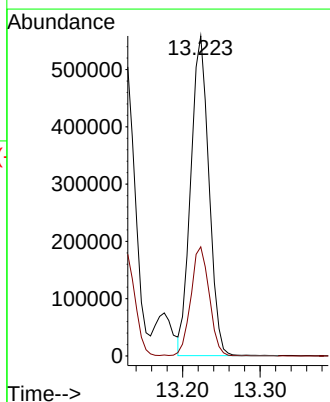
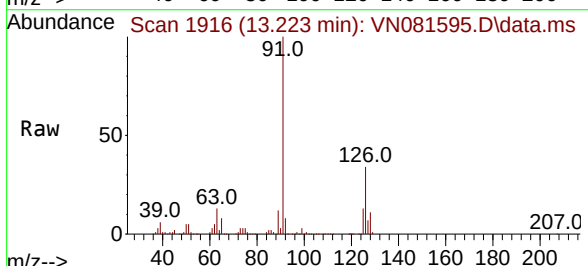
Manual Integrations
APPROVED

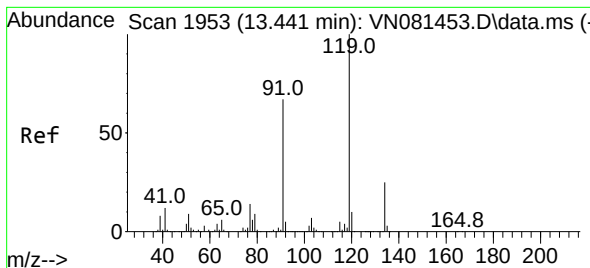
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#82
4-Chlorotoluene
Concen: 52.920 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

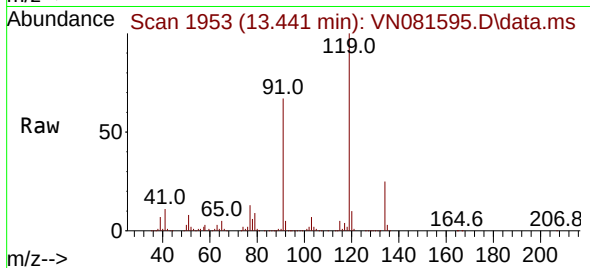
Tgt Ion: 91 Resp: 905347
Ion Ratio Lower Upper
91 100
126 34.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 52.427 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

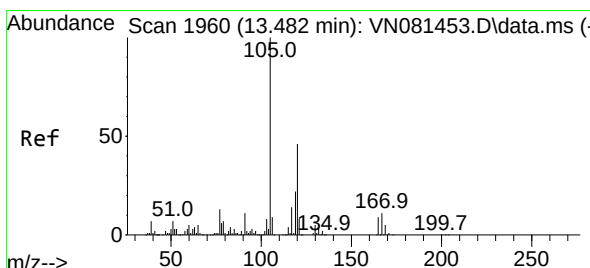
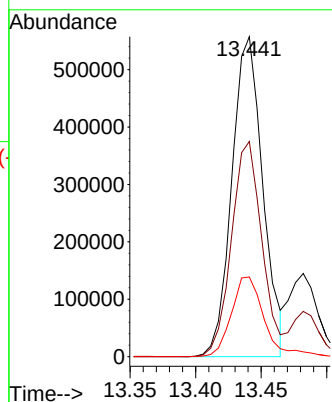
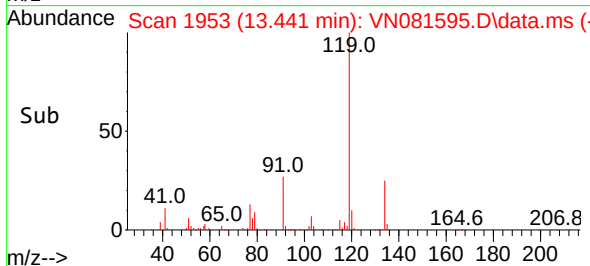
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



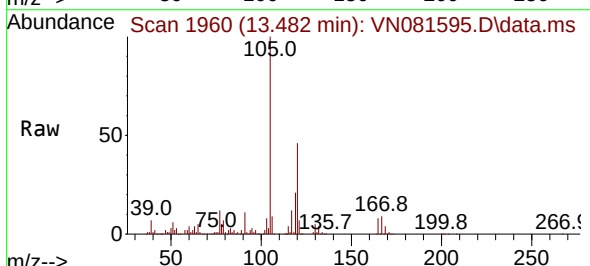
Tgt Ion:119 Resp: 916739
Ion Ratio Lower Upper
119 100
91 66.0 36.8 110.4
134 26.5 12.4 37.4

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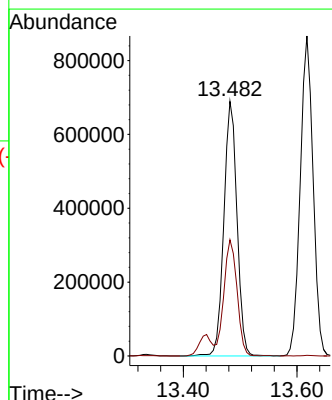
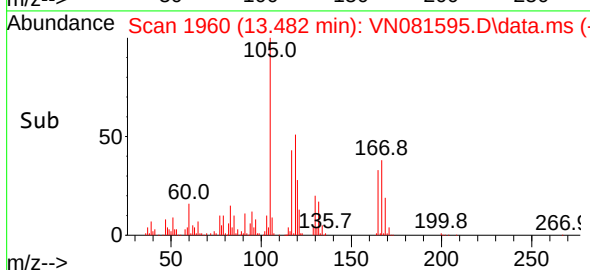
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

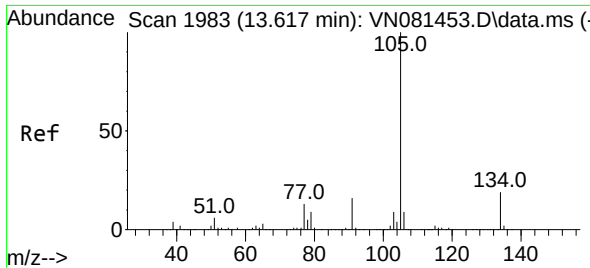


#84
1,2,4-Trimethylbenzene
Concen: 54.607 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



Tgt Ion:105 Resp: 1112906
Ion Ratio Lower Upper
105 100
120 45.6 20.9 62.7





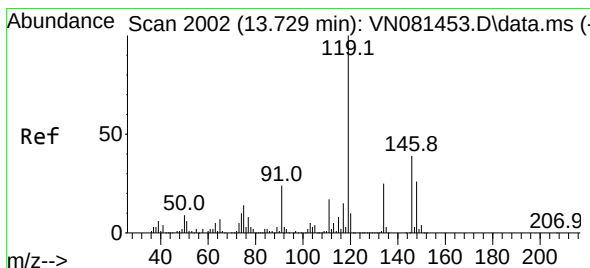
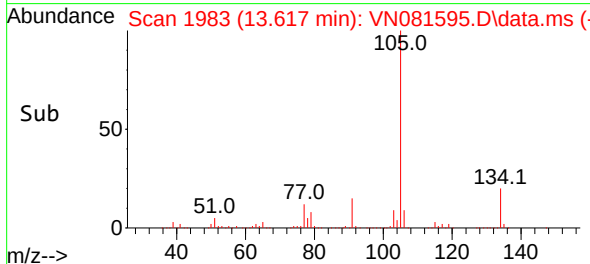
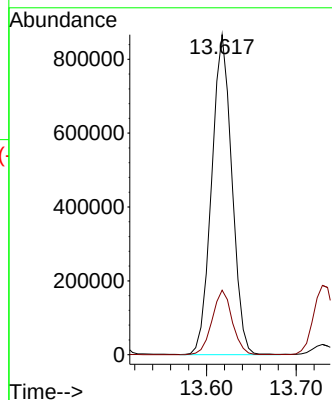
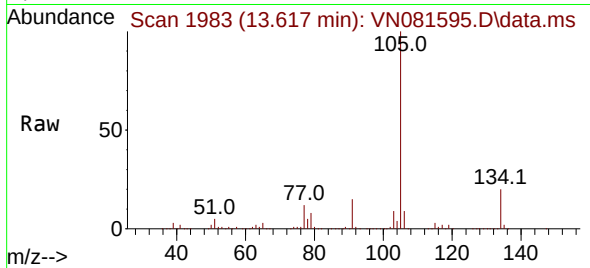
#85
 sec-Butylbenzene
 Concen: 54.321 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 135785
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

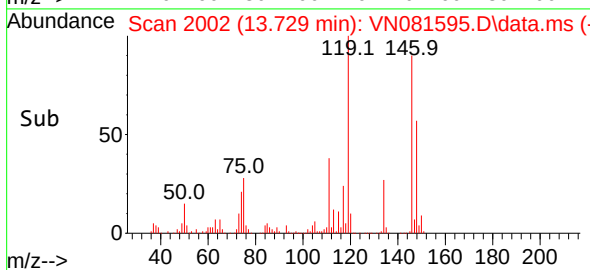
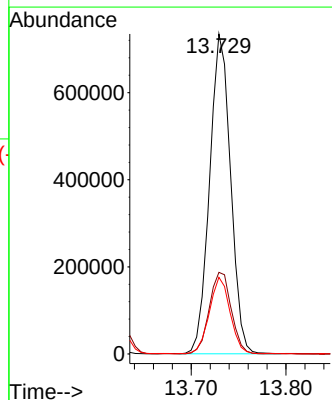
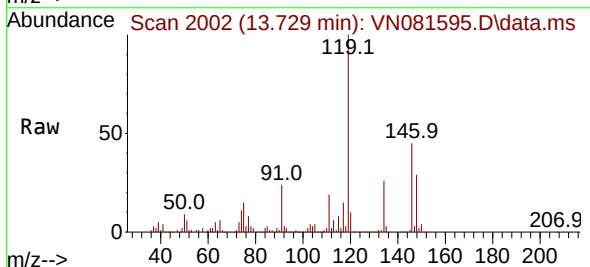
Manual Integrations
 APPROVED

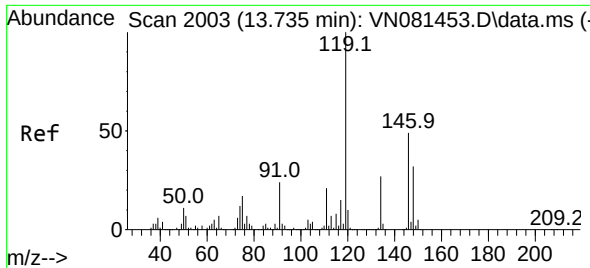
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#86
 p-Isopropyltoluene
 Concen: 55.313 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

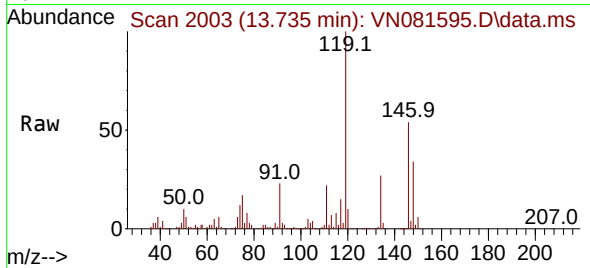
Tgt Ion:119 Resp: 1130230
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.4 37.2
 91 23.6 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 53.041 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11

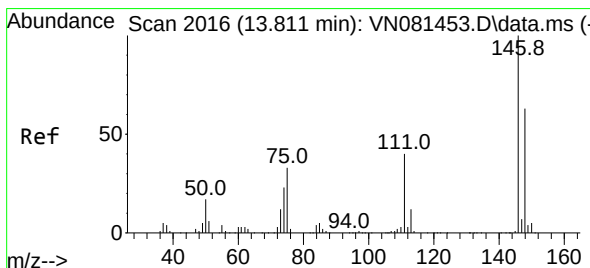
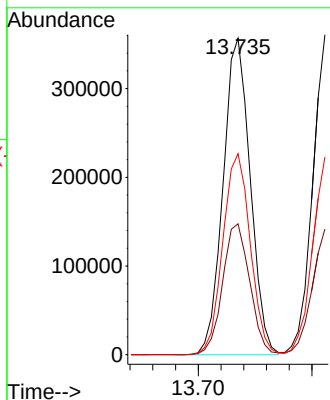
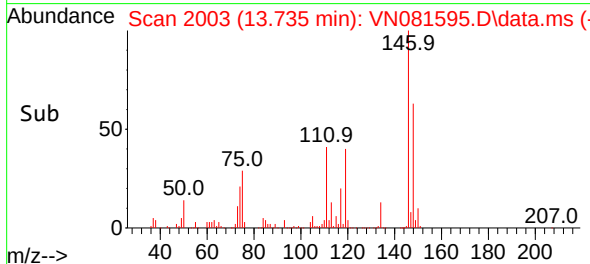
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



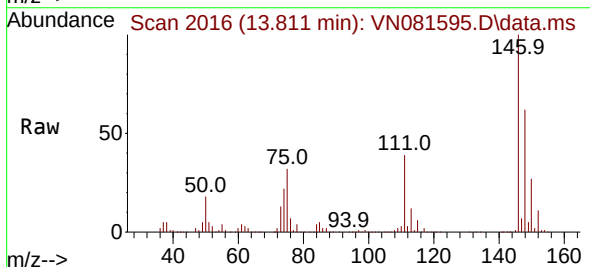
Tgt Ion:146 Resp: 591015
 Ion Ratio Lower Upper
 146 100
 111 41.5 23.9 71.7
 148 64.5 32.6 97.7

Manual Integrations
 APPROVED

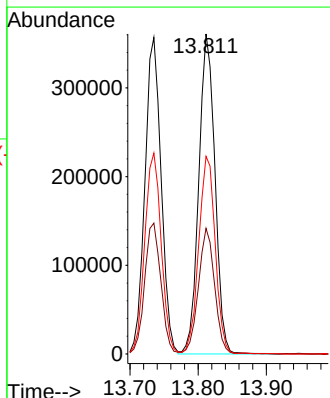
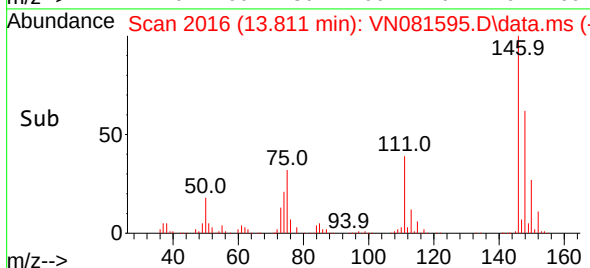
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

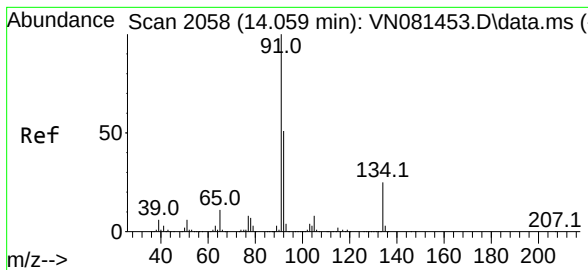


#88
 1,4-Dichlorobenzene
 Concen: 51.617 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081595.D
 Acq: 28 Mar 2024 10:11



Tgt Ion:146 Resp: 595534
 Ion Ratio Lower Upper
 146 100
 111 39.5 22.6 67.7
 148 62.6 31.9 95.5





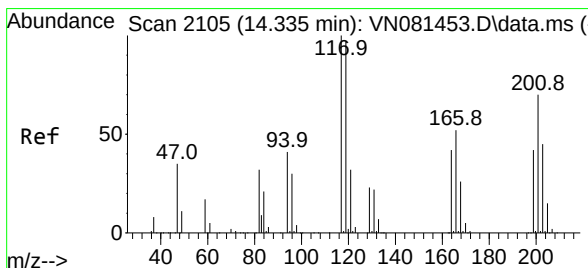
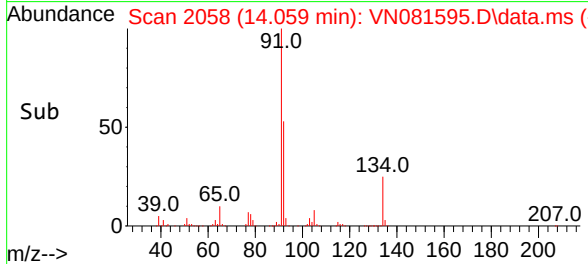
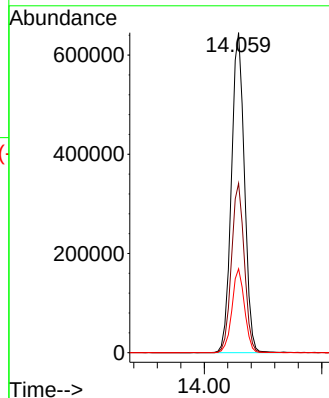
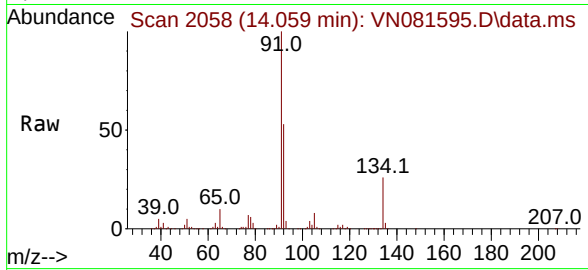
#89
n-Butylbenzene
Concen: 54.638 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 989988
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 25.4 10.8 32.4

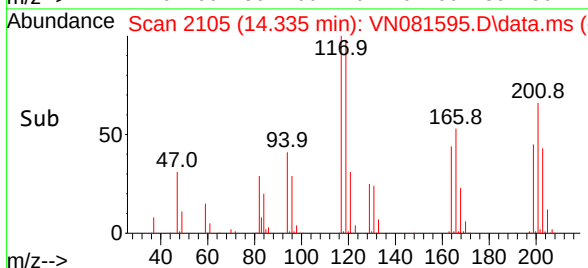
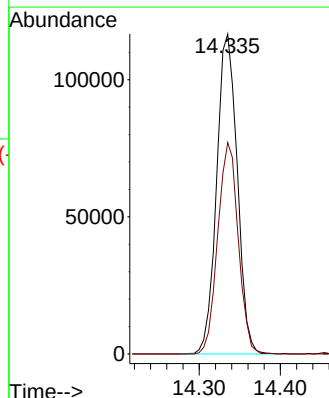
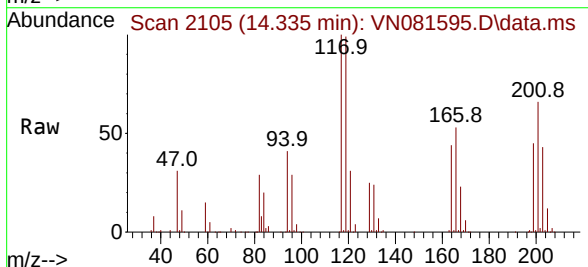
Manual Integrations
APPROVED

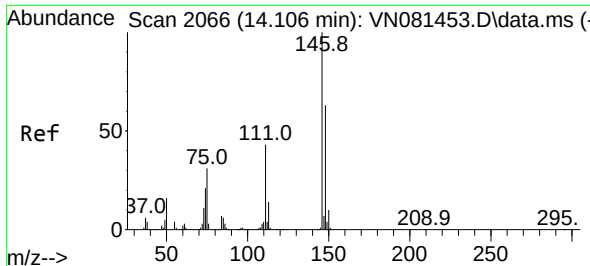
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#90
Hexachloroethane
Concen: 53.138 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

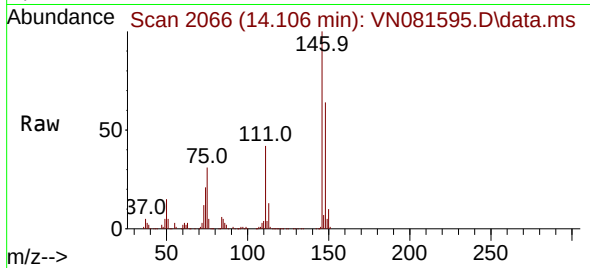
Tgt Ion:117 Resp: 205631
Ion Ratio Lower Upper
117 100
201 65.6 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 54.361 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

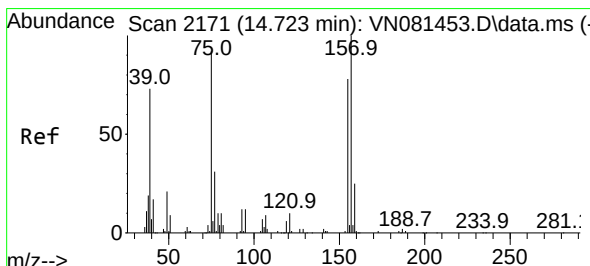
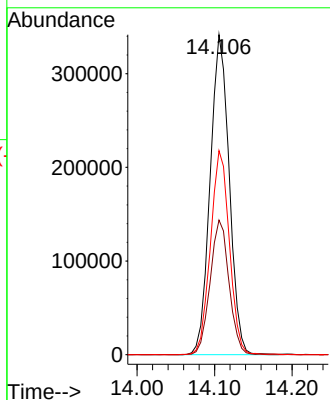
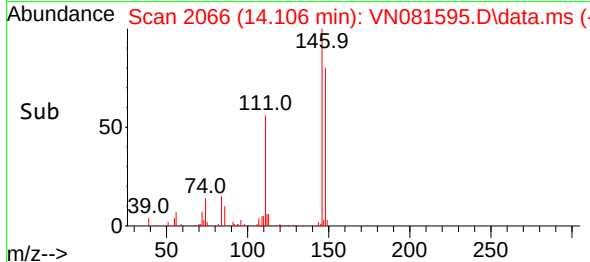
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



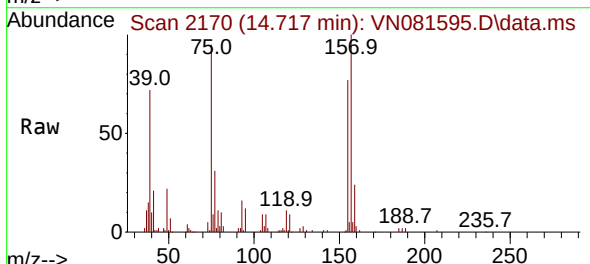
Tgt Ion:146 Resp: 58300
Ion Ratio Lower Upper
146 100
111 41.8 23.9 71.8
148 63.5 31.4 94.0

Manual Integrations
APPROVED

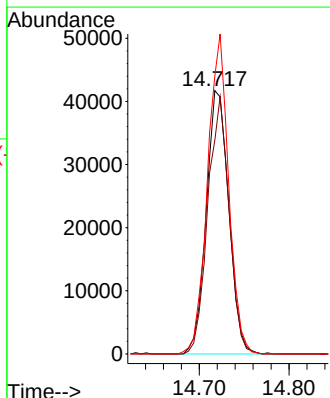
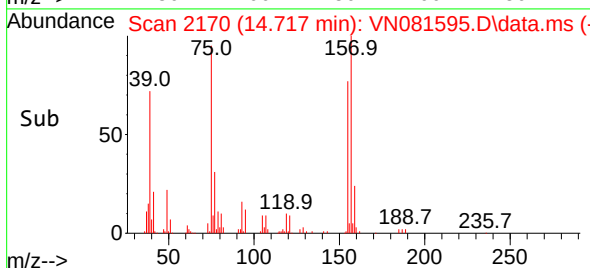
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

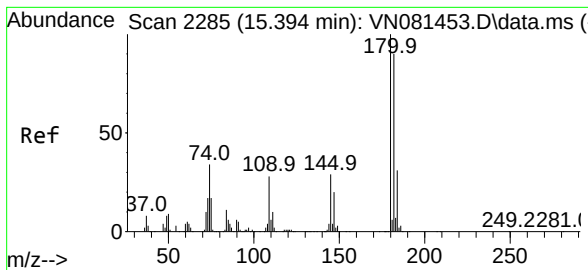


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.326 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11



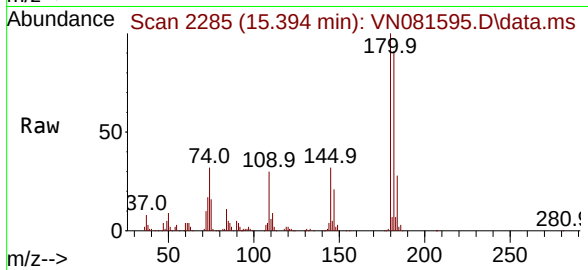
Tgt Ion: 75 Resp: 72700
Ion Ratio Lower Upper
75 100
155 92.1 31.8 95.4
157 113.5 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 54.005 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

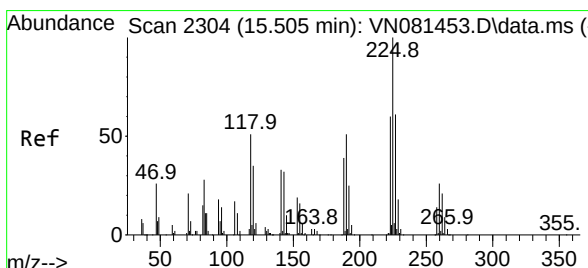
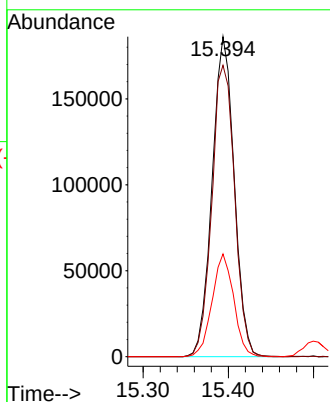
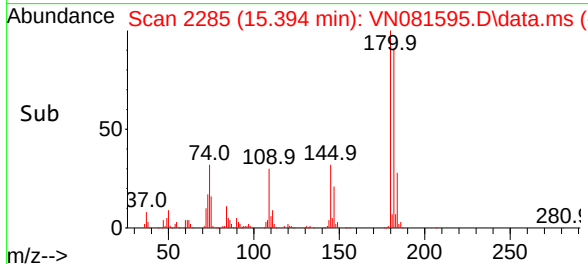
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 33488
Ion Ratio Lower Upper
180 100
182 94.1 46.6 139.7
145 31.4 16.8 50.3

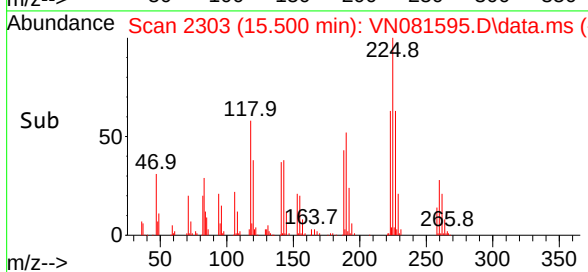
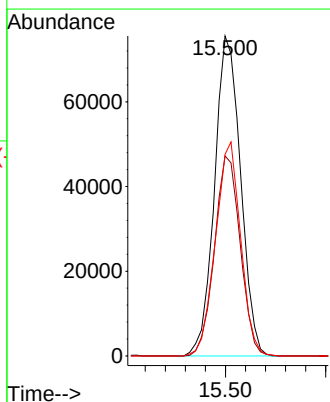
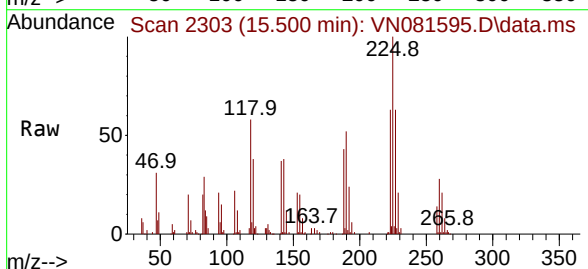
Manual Integrations
APPROVED

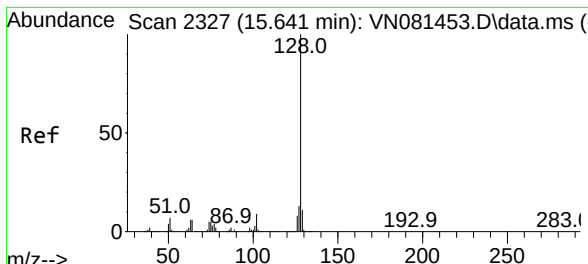
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#94
Hexachlorobutadiene
Concen: 50.095 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

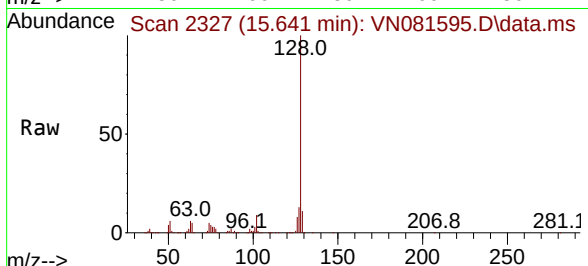
Tgt Ion:225 Resp: 136298
Ion Ratio Lower Upper
225 100
223 61.8 33.3 99.8
227 64.7 33.1 99.2





#95
Naphthalene
Concen: 54.718 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

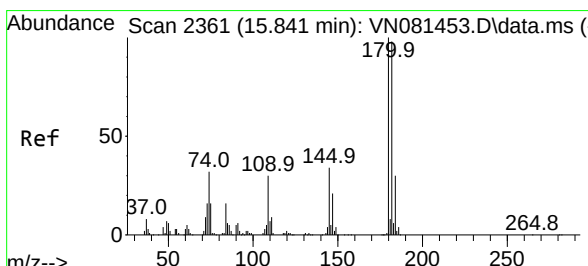
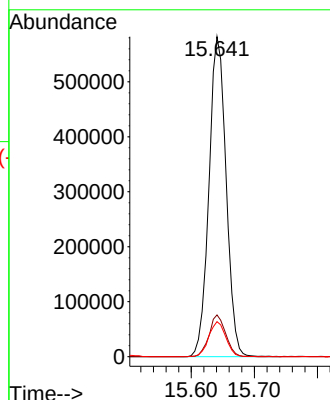
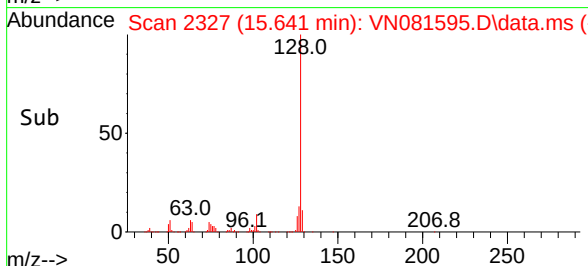
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1099472
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.9 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: 54.759 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081595.D
Acq: 28 Mar 2024 10:11

Tgt Ion:180 Resp: 341557
Ion Ratio Lower Upper
180 100
182 94.1 46.5 139.3
145 33.6 17.8 53.4

