

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081648.D
 Acq On : 02 Apr 2024 10:08
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 03 01:30:19 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	332190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	581723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	221798	52.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	8.171	113	198550	54.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	10.565	98	670284	50.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.847	95	257267	55.016	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	186934	41.792	ug/l	96
3) Chloromethane	2.359	50	197215	44.284	ug/l	98
4) Vinyl Chloride	2.512	62	263301	52.682	ug/l	93
5) Bromomethane	2.947	94	155247	43.922	ug/l	93
6) Chloroethane	3.118	64	168881	49.213	ug/l	95
7) Trichlorofluoromethane	3.500	101	358972	48.192	ug/l	97
8) Diethyl Ether	3.959	74	138489	56.179	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	207762	49.089	ug/l #	88
10) Methyl Iodide	4.589	142	242775	57.601	ug/l	99
11) Tert butyl alcohol	5.512	59	221498	300.030	ug/l	99
12) 1,1-Dichloroethene	4.336	96	189882	48.435	ug/l #	80
13) Acrolein	4.177	56	193819	292.578	ug/l	100
14) Allyl chloride	5.018	41	249150	50.718	ug/l #	86
15) Acrylonitrile	5.712	53	541069	273.957	ug/l	98
16) Acetone	4.424	43	342137	249.904	ug/l	96
17) Carbon Disulfide	4.712	76	442020	39.290	ug/l	97
18) Methyl Acetate	5.024	43	276167	65.429	ug/l #	85
19) Methyl tert-butyl Ether	5.788	73	736203	60.004	ug/l	96
20) Methylene Chloride	5.277	84	244488	54.517	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	218015	49.876	ug/l	91
22) Diisopropyl ether	6.671	45	674836	59.122	ug/l #	92
23) Vinyl Acetate	6.600	43	2519856	277.349	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	414168	54.175	ug/l	95
25) 2-Butanone	7.482	43	622732	265.191	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	374507	56.480	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	278254	56.261	ug/l	83
28) Bromochloromethane	7.812	49	154448	49.600	ug/l #	47
29) Tetrahydrofuran	7.835	42	428694	270.994	ug/l #	77
30) Chloroform	7.965	83	475249	58.069	ug/l	97
31) Cyclohexane	8.259	56	293046	42.510	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	402146	54.159	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	298937	48.385	ug/l	95
37) Ethyl Acetate	7.559	43	273771	51.748	ug/l	96
38) Carbon Tetrachloride	8.365	117	345141	50.996	ug/l	96
39) Methylcyclohexane	9.600	83	322577	46.753	ug/l	87
40) Benzene	8.606	78	973670	53.905	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	155835	55.699	ug/l	92
42) 1,2-Dichloroethane	8.671	62	350644	55.162	ug/l	96
43) Isopropyl Acetate	8.688	43	466162	53.157	ug/l #	90
44) Trichloroethene	9.353	130	266900	52.538	ug/l	95
45) 1,2-Dichloropropane	9.618	63	251384	57.426	ug/l	93
46) Dibromomethane	9.712	93	191345	57.558	ug/l #	87
47) Bromodichloromethane	9.888	83	390500	60.079	ug/l #	96
48) Methyl methacrylate	9.682	41	219570	54.284	ug/l #	84
49) 1,4-Dioxane	9.694	88	100759	1036.570	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1448507	270.693	ug/l	90
52) Toluene	10.629	92	627863	54.689	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	409292	58.316	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	429963	57.138	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	275268	59.579	ug/l	93
56) Ethyl methacrylate	10.876	69	370708	53.480	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	449726	59.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	849177	292.096	ug/l #	83
59) 2-Hexanone	11.200	43	1055790	266.863	ug/l	90
60) Dibromochloromethane	11.359	129	309151	60.842	ug/l	98
61) 1,2-Dibromoethane	11.470	107	269598	57.234	ug/l	95
64) Tetrachloroethene	11.106	164	274783	52.913	ug/l	91
65) Chlorobenzene	11.894	112	695235	54.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282518	59.352	ug/l	97
67) Ethyl Benzene	11.965	91	1198532	53.723	ug/l	98
68) m/p-Xylenes	12.070	106	948808	113.446	ug/l	92
69) o-Xylene	12.400	106	465418	56.684	ug/l	92
70) Styrene	12.412	104	795027	60.037	ug/l	96
71) Bromoform	12.582	173	210749	58.918	ug/l #	94
73) Isopropylbenzene	12.694	105	1190504	48.633	ug/l	97
74) N-amyl acetate	12.494	43	418717	47.266	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	351918	48.896	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	479857	69.854	ug/l	63
77) Bromobenzene	12.982	156	300904	49.760	ug/l	70
78) n-propylbenzene	13.035	91	1414301	48.923	ug/l	95
79) 2-Chlorotoluene	13.123	91	855208	49.428	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1020890	50.492	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	128188	50.427	ug/l	91
82) 4-Chlorotoluene	13.223	91	870007	51.002	ug/l	93
83) tert-Butylbenzene	13.441	119	863309	49.515	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1051168	51.728	ug/l	94
85) sec-Butylbenzene	13.617	105	1232295	49.441	ug/l	93
86) p-Isopropyltoluene	13.729	119	1061044	52.078	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	573093	51.582	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	572609	49.774	ug/l	97
89) n-Butylbenzene	14.059	91	913368	50.556	ug/l	96
90) Hexachloroethane	14.335	117	197627	51.218	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	570223	53.324	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	73340	47.881	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	320561	51.845	ug/l	98
94) Hexachlorobutadiene	15.505	225	125782	46.364	ug/l	96
95) Naphthalene	15.641	128	1104236	55.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	328297	52.786	ug/l	98

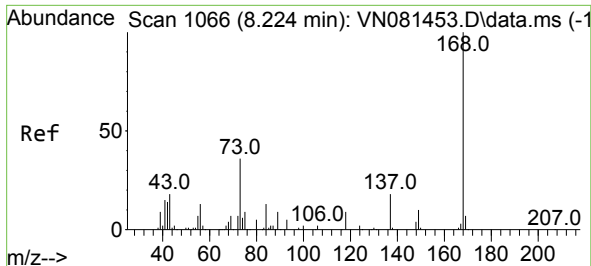
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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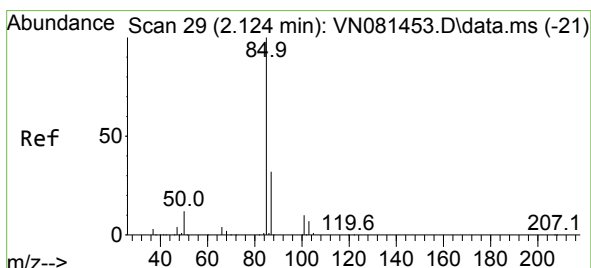
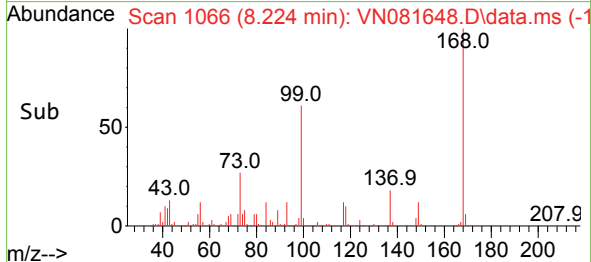
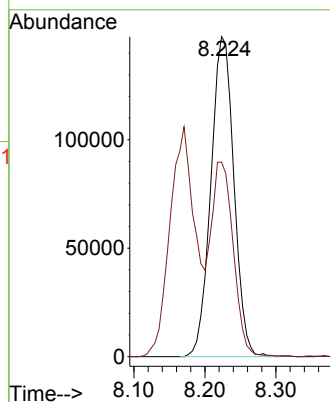
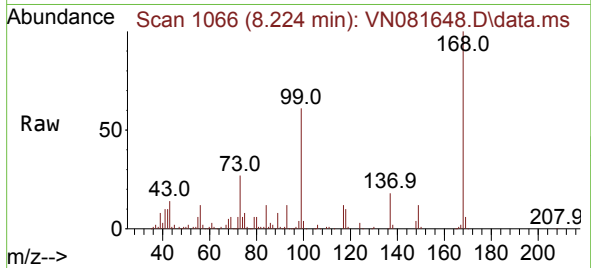
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

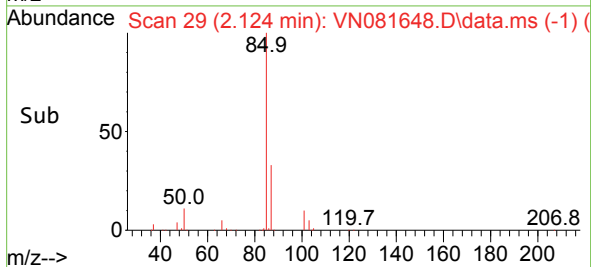
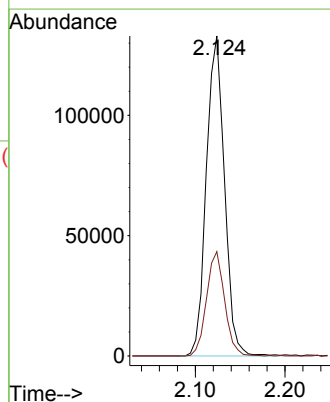
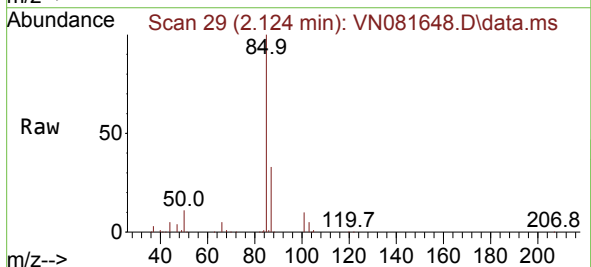
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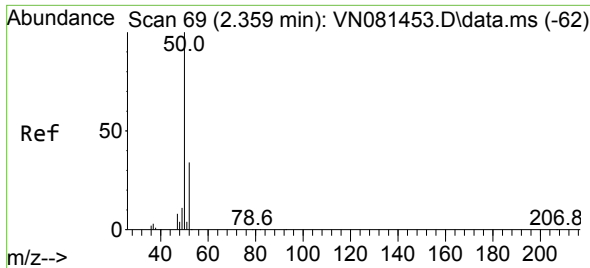
Tgt Ion:168 Resp: 332190
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 41.792 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 85 Resp: 186934
Ion Ratio Lower Upper
85 100
87 32.6 15.3 45.9

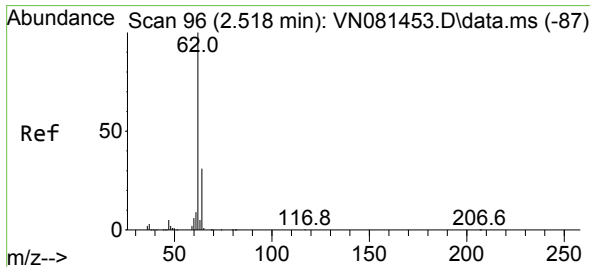
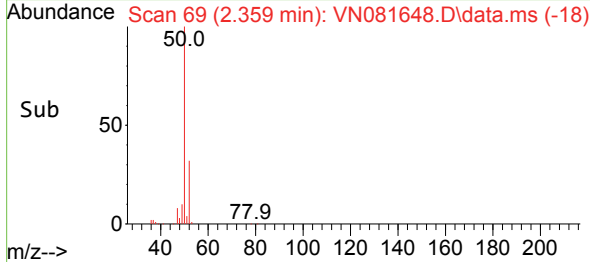
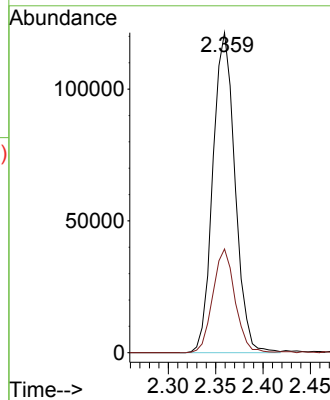
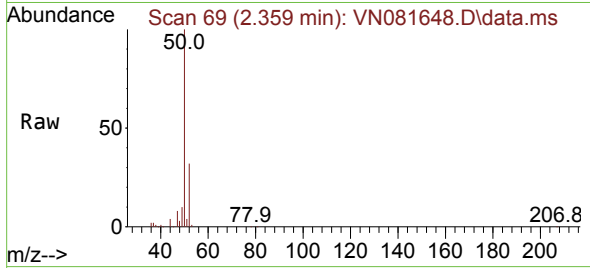




#3
Chloromethane
Concen: 44.284 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

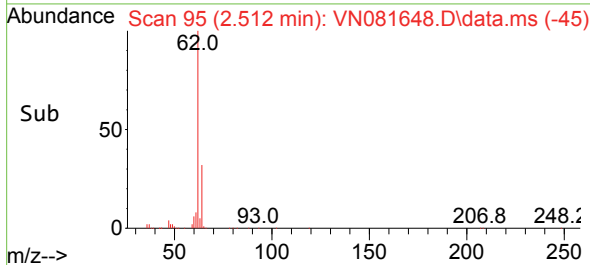
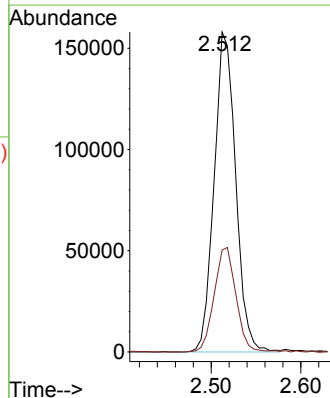
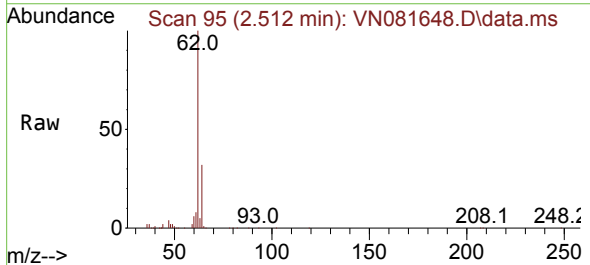
Instrument :
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ClientSampleId :
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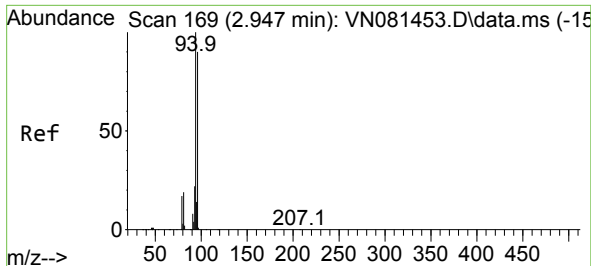
Tgt Ion: 50 Resp: 197215
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4



#4
Vinyl Chloride
Concen: 52.682 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 62 Resp: 263301
Ion Ratio Lower Upper
62 100
64 31.9 22.7 34.1

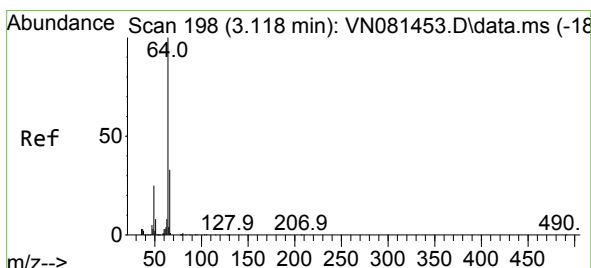
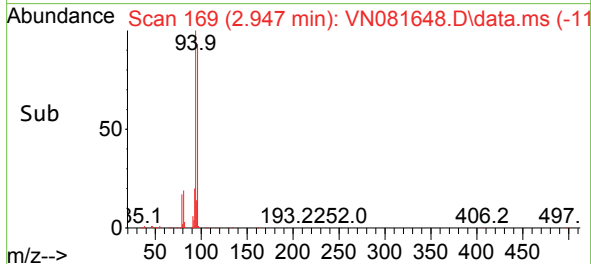
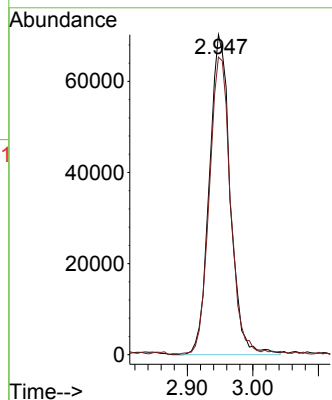
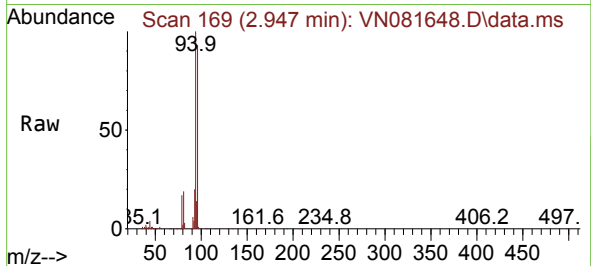




#5
Bromomethane
Concen: 43.922 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

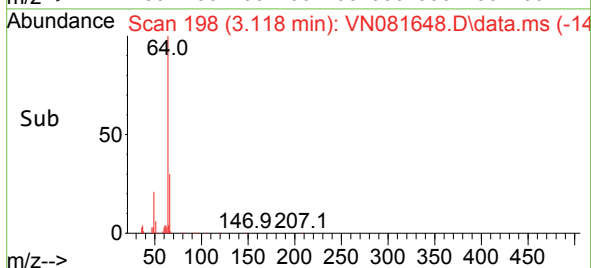
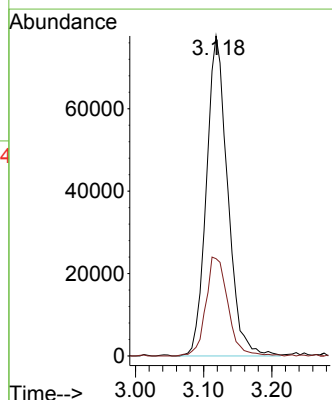
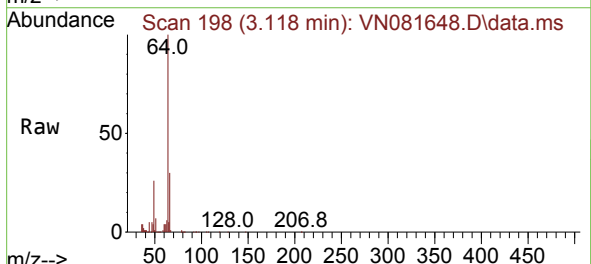
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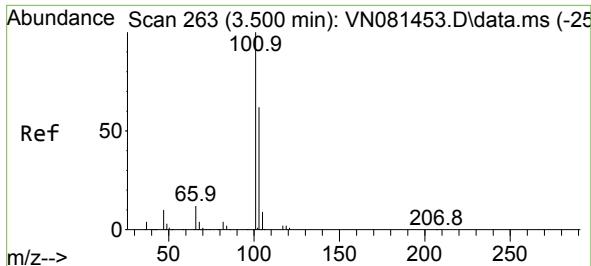
Tgt Ion: 94 Resp: 155247
Ion Ratio Lower Upper
94 100
96 92.8 69.2 103.8



#6
Chloroethane
Concen: 49.213 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 64 Resp: 168881
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6

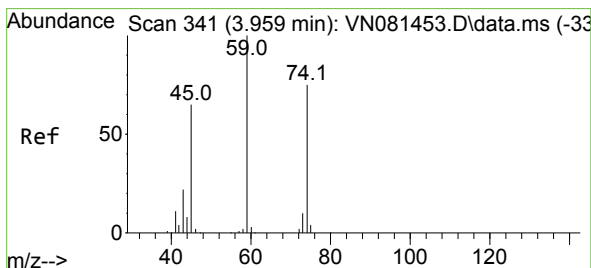
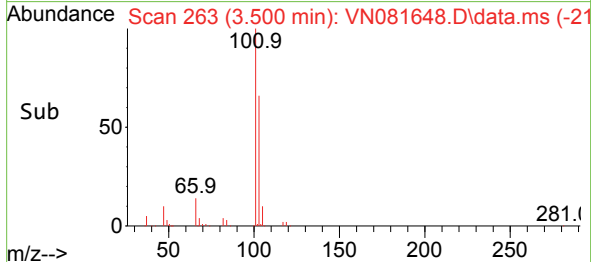
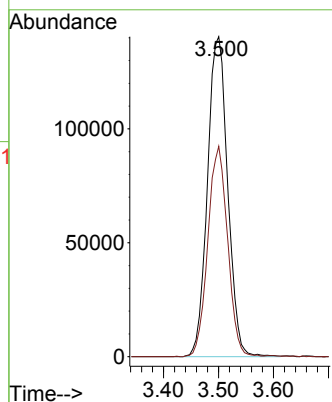
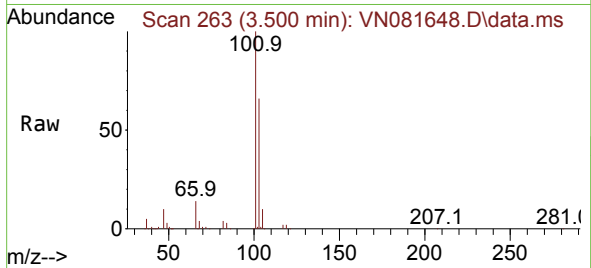




#7
Trichlorofluoromethane
Concen: 48.192 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

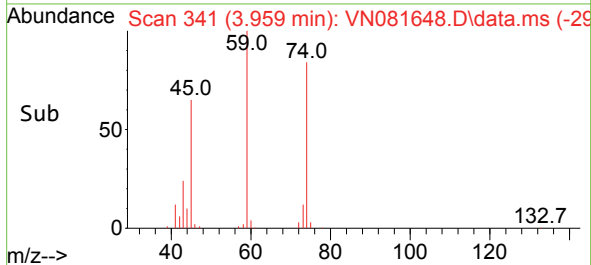
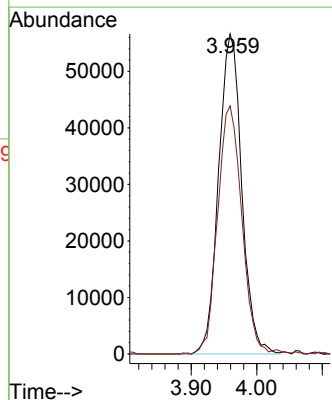
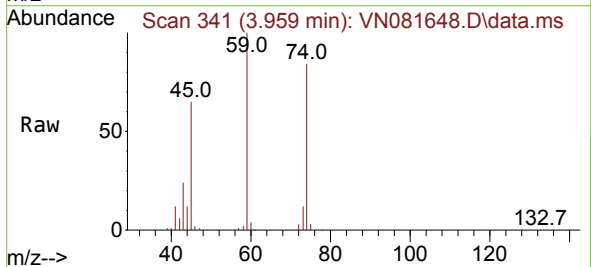
Instrument :
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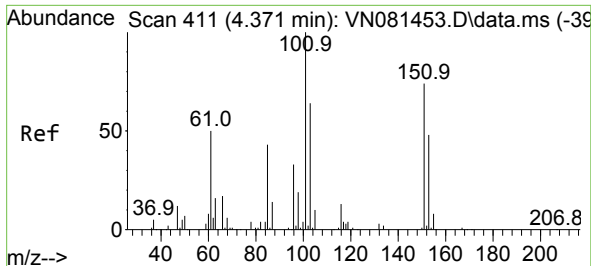
Tgt Ion:101 Resp: 358972
Ion Ratio Lower Upper
101 100
103 65.8 54.4 81.6



#8
Diethyl Ether
Concen: 56.179 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 74 Resp: 138489
Ion Ratio Lower Upper
74 100
45 80.9 53.3 159.9

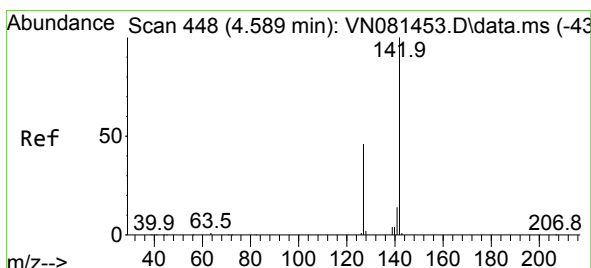
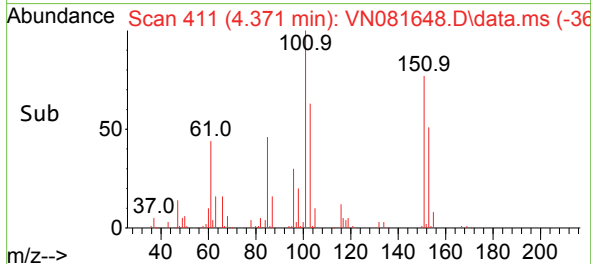
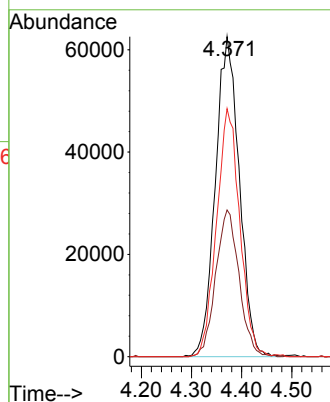
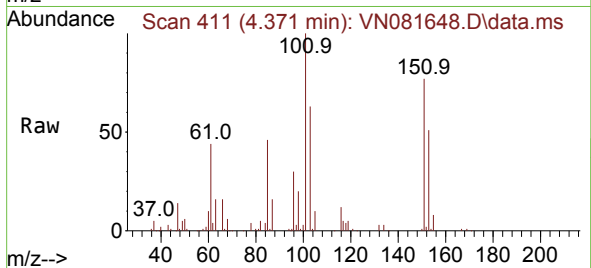




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.089 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

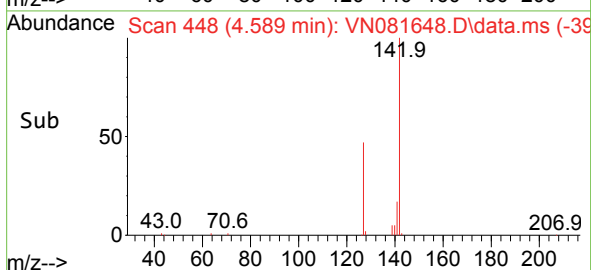
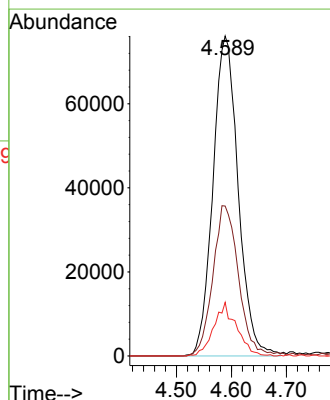
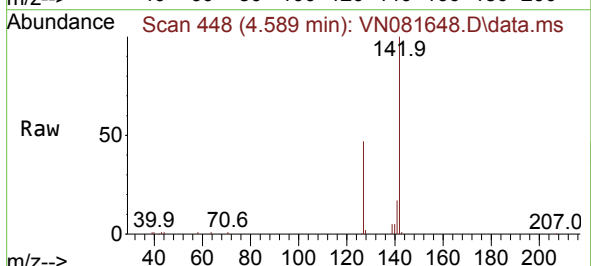
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

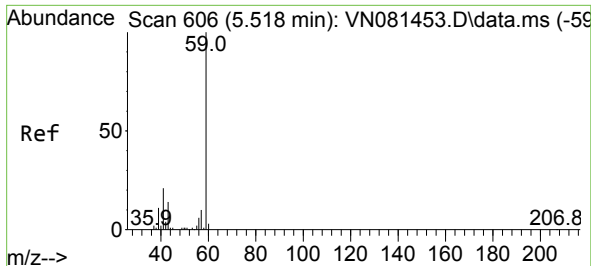
Tgt Ion:101 Resp: 207762
Ion Ratio Lower Upper
101 100
85 44.6 38.1 57.1
151 75.0 49.1 73.7#



#10
Methyl Iodide
Concen: 57.601 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:142 Resp: 242775
Ion Ratio Lower Upper
142 100
127 46.9 37.0 55.4
141 16.7 12.5 18.7

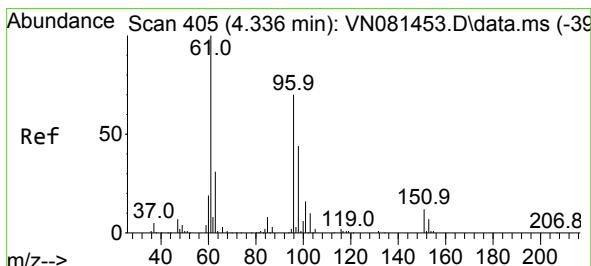
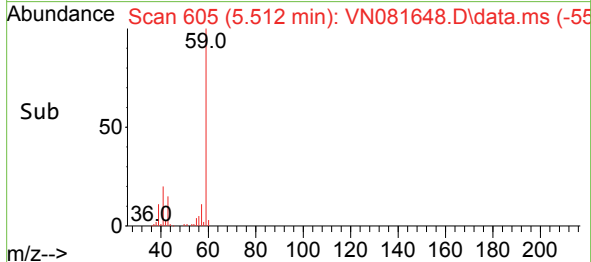
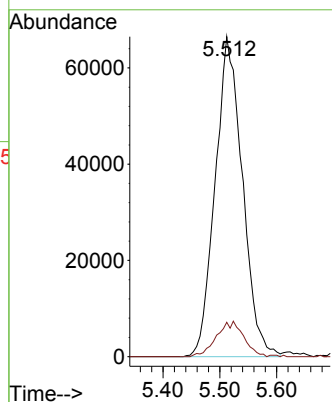
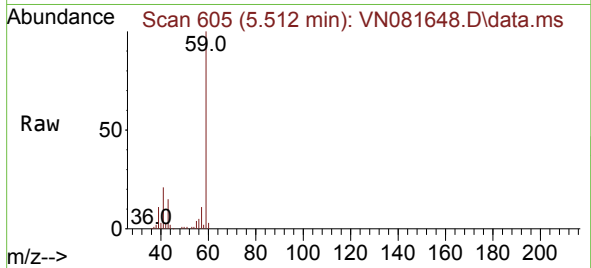




#11
Tert butyl alcohol
Concen: 300.030 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

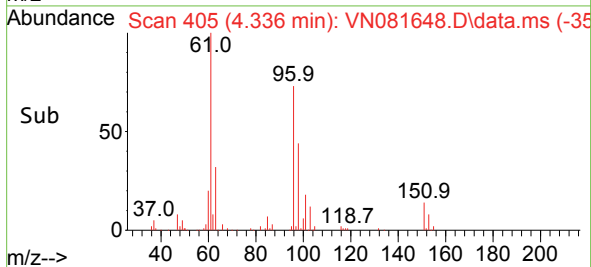
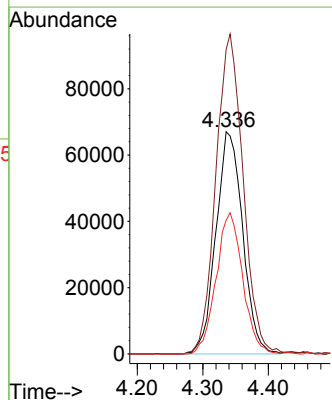
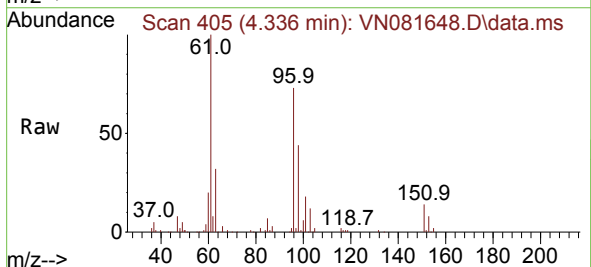
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

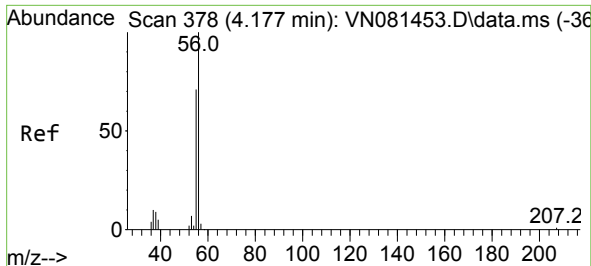
Tgt Ion: 59 Resp: 221498
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.435 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 96 Resp: 189882
Ion Ratio Lower Upper
96 100
61 137.0 138.2 207.4#
98 60.2 49.2 73.8

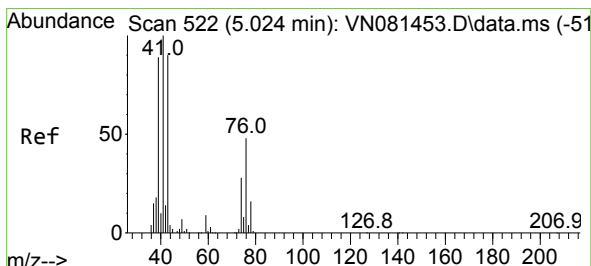
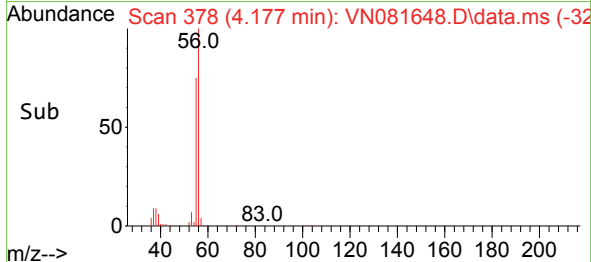
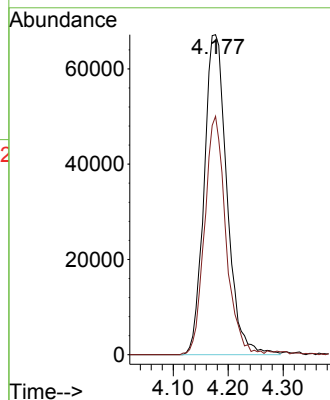
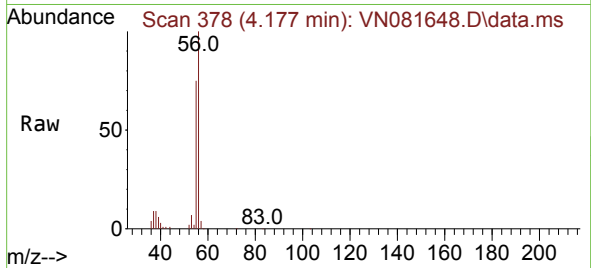




#13
Acrolein
Concen: 292.578 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

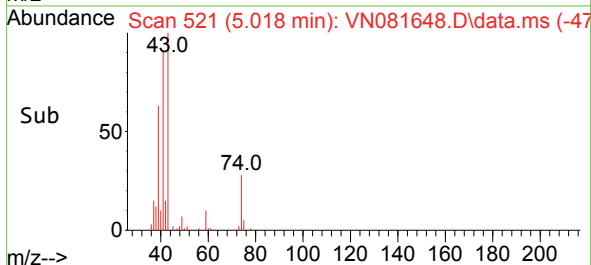
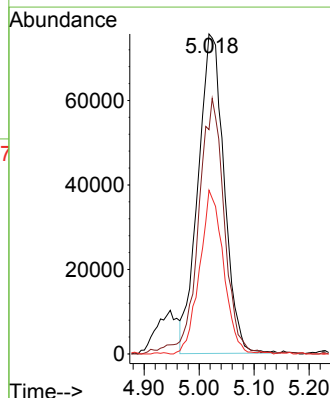
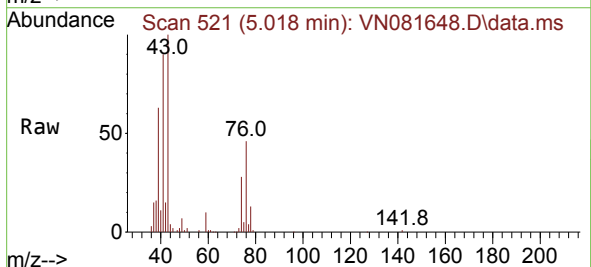
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

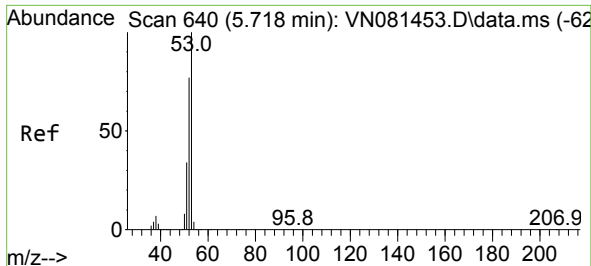
Tgt Ion: 56 Resp: 193819
Ion Ratio Lower Upper
56 100
55 69.4 55.3 82.9



#14
Allyl chloride
Concen: 50.718 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 41 Resp: 249150
Ion Ratio Lower Upper
41 100
39 79.6 57.7 86.5
76 46.8 26.8 40.2#

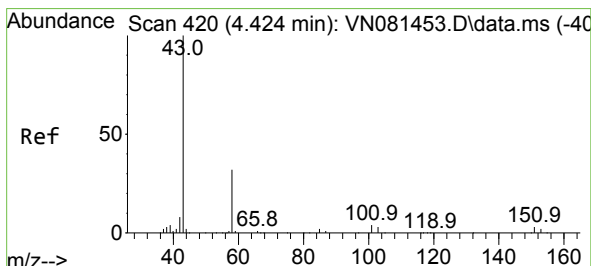
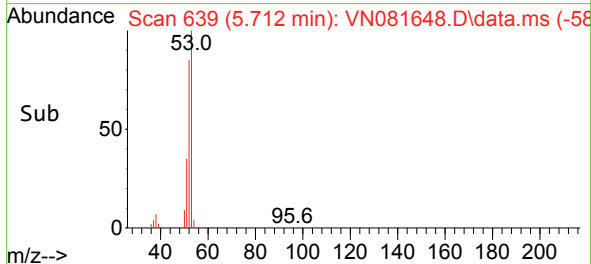
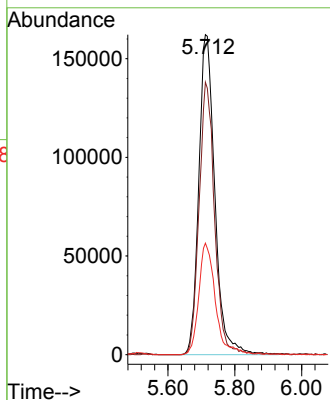
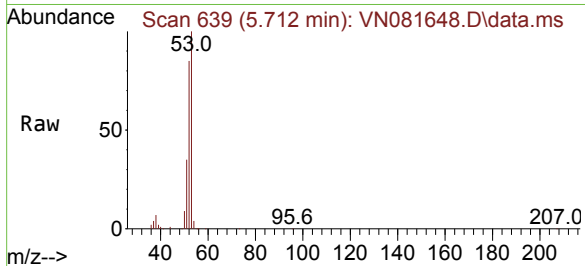




#15
Acrylonitrile
Concen: 273.957 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

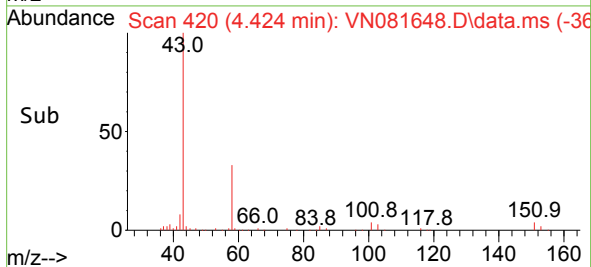
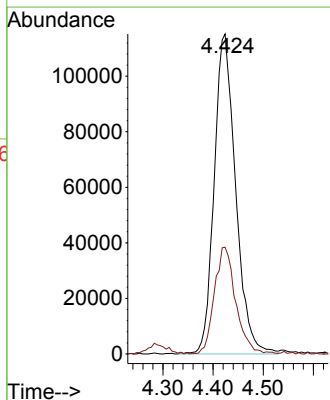
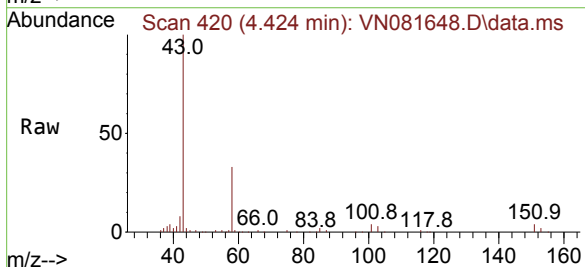
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

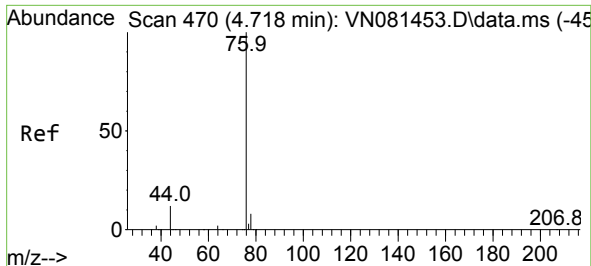
Tgt Ion: 53 Resp: 541069
Ion Ratio Lower Upper
53 100
52 81.9 64.8 97.2
51 36.1 26.9 40.3



#16
Acetone
Concen: 249.904 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 43 Resp: 342137
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2

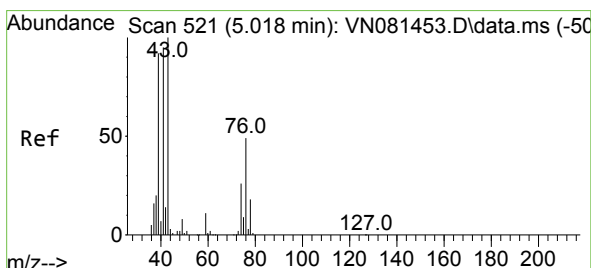
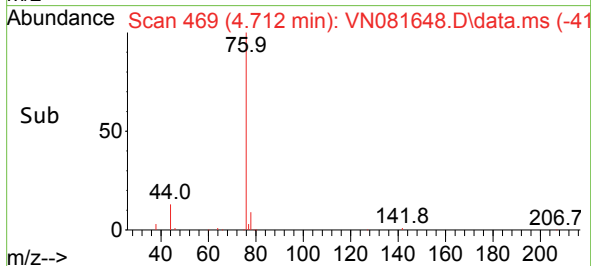
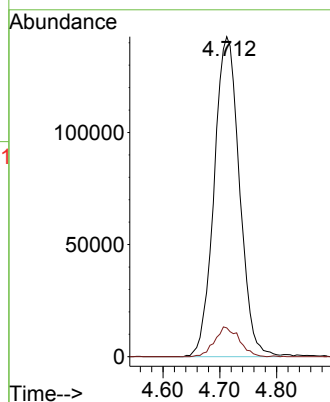
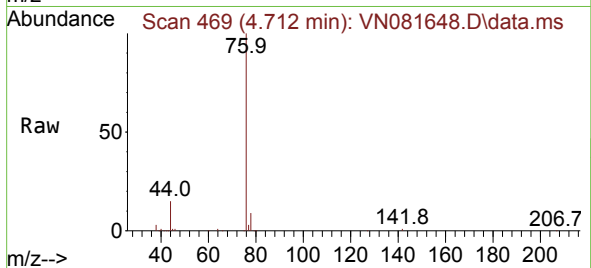




#17
Carbon Disulfide
Concen: 39.290 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

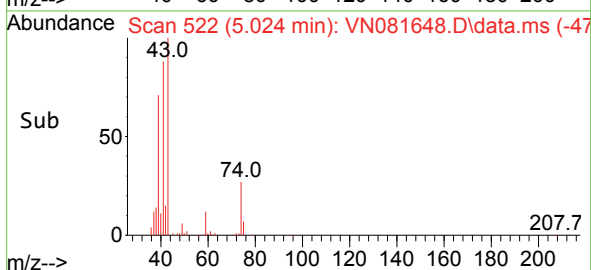
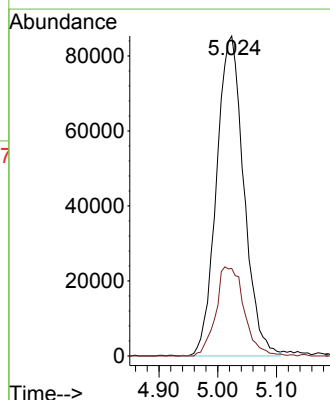
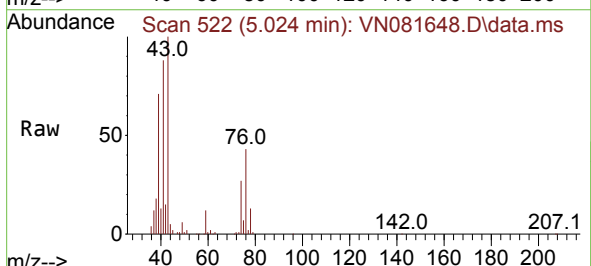
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

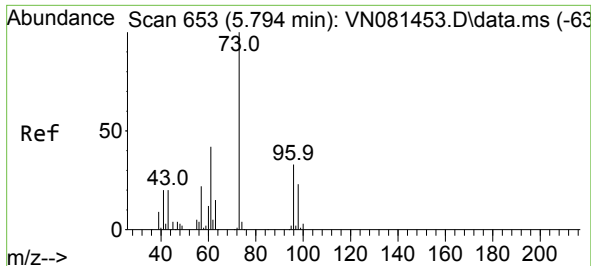
Tgt Ion: 76 Resp: 442020
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5



#18
Methyl Acetate
Concen: 65.429 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 43 Resp: 276167
Ion Ratio Lower Upper
43 100
74 28.7 17.3 25.9#

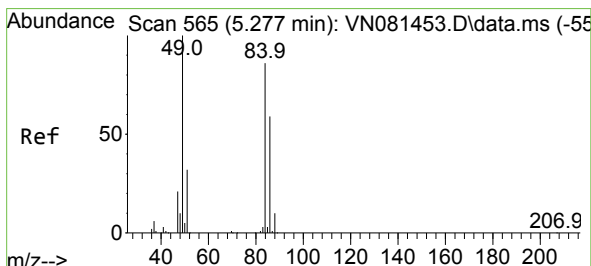
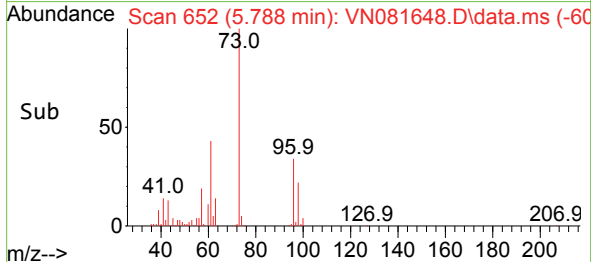
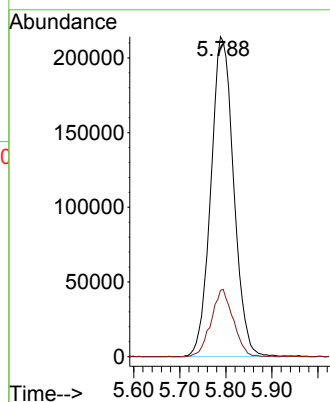
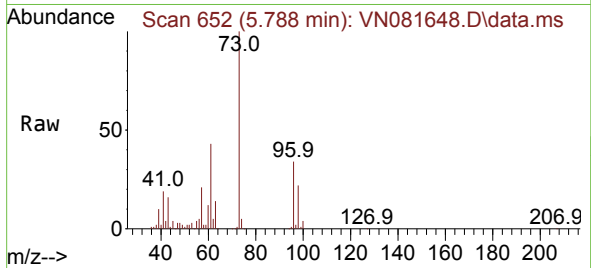




#19
Methyl tert-butyl Ether
Concen: 60.004 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

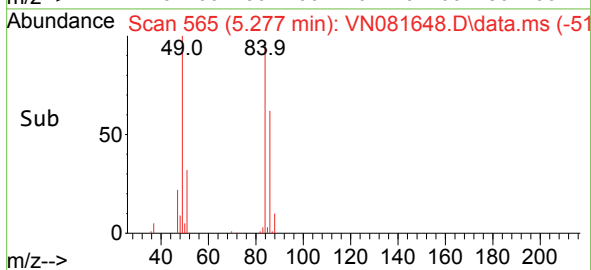
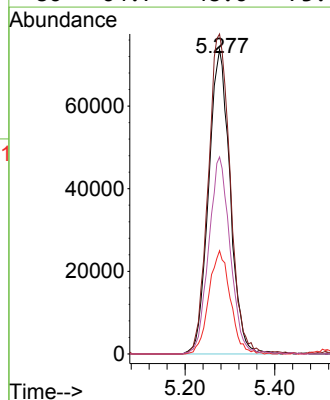
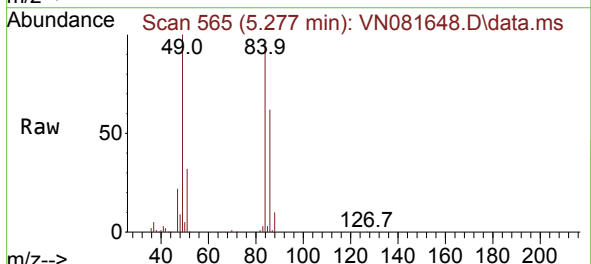
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

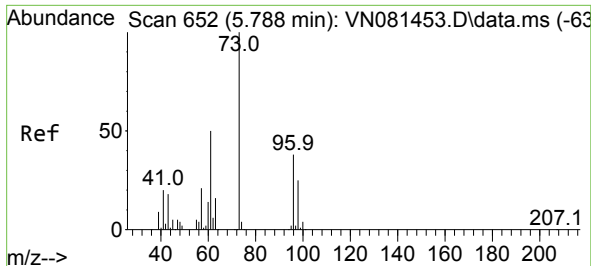
Tgt Ion: 73 Resp: 736203
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4



#20
Methylene Chloride
Concen: 54.517 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 84 Resp: 244488
Ion Ratio Lower Upper
84 100
49 105.1 108.1 162.1#
51 33.9 32.9 49.3
86 64.7 48.6 73.0

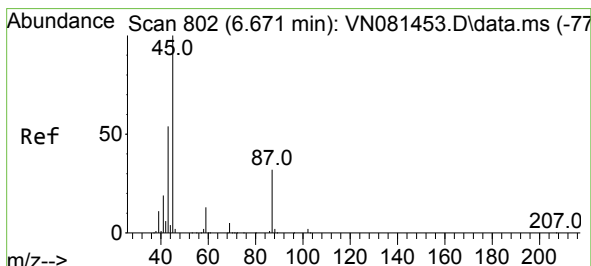
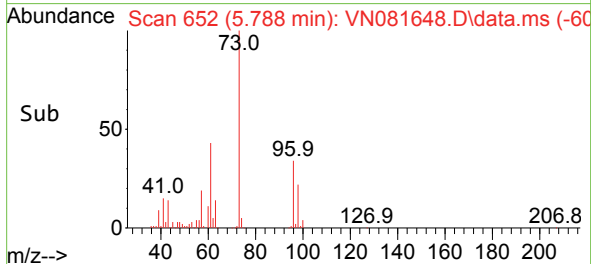
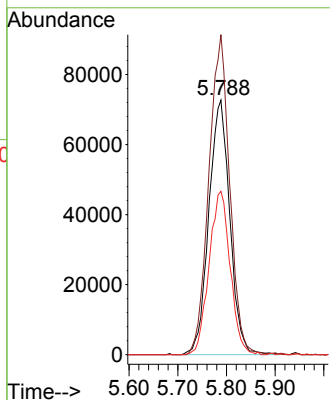
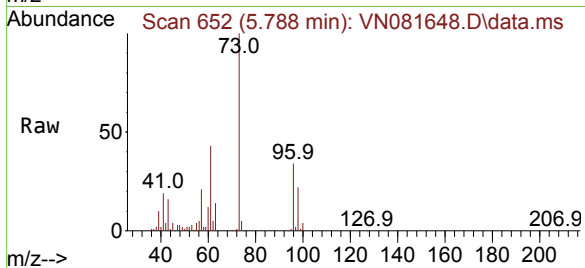




#21
trans-1,2-Dichloroethene
Concen: 49.876 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

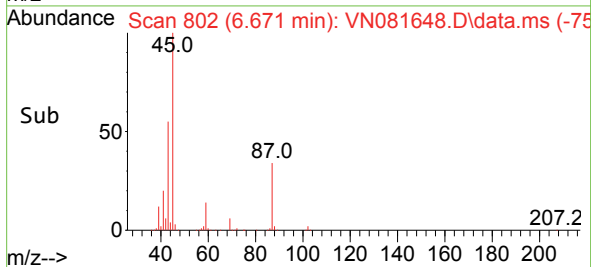
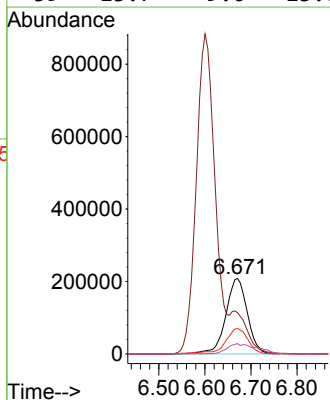
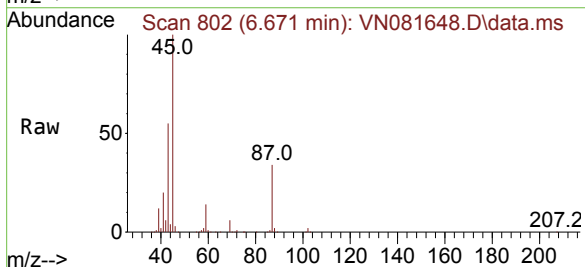
Instrument :
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ClientSampleId :
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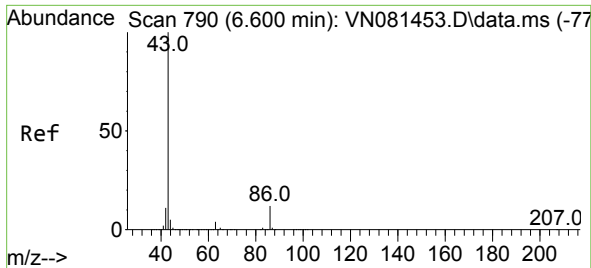
Tgt Ion: 96 Resp: 218015
Ion Ratio Lower Upper
96 100
61 125.7 112.8 169.2
98 64.2 51.0 76.4



#22
Diisopropyl ether
Concen: 59.122 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 45 Resp: 674836
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 33.8 18.1 27.1#
59 13.7 9.0 13.6#

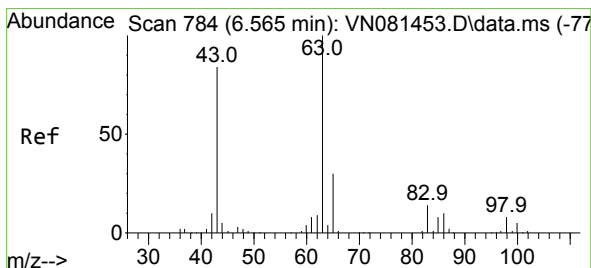
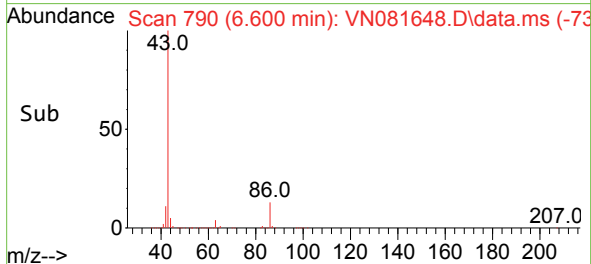
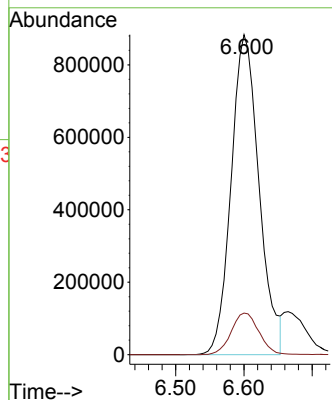
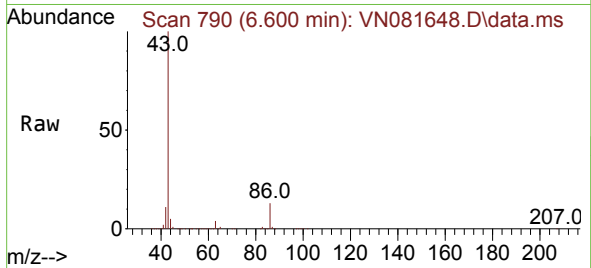




#23
 Vinyl Acetate
 Concen: 277.349 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

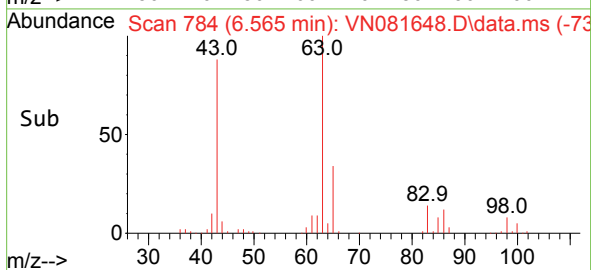
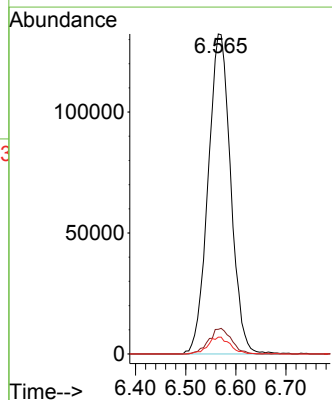
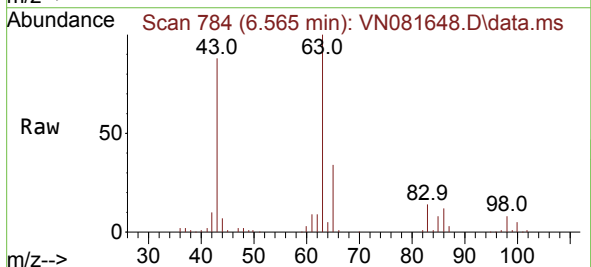
Instrument :
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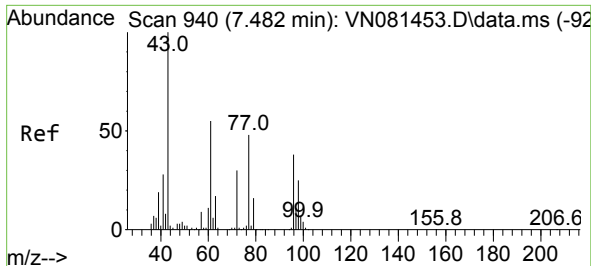
Tgt Ion: 43 Resp: 2519856
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.175 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

Tgt Ion: 63 Resp: 414168
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.6
 100 5.3 1.9 5.7

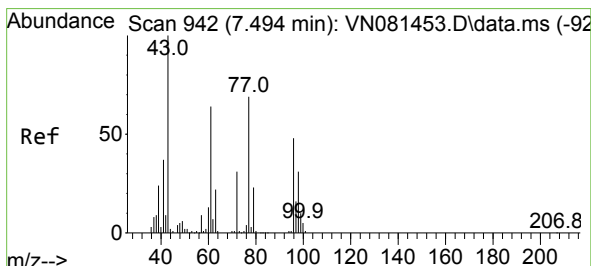
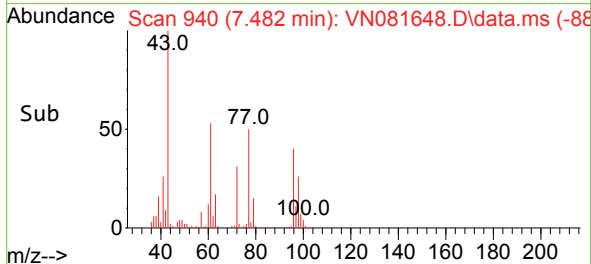
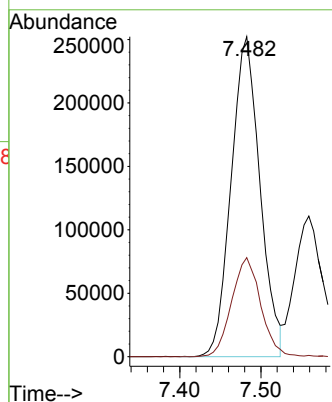
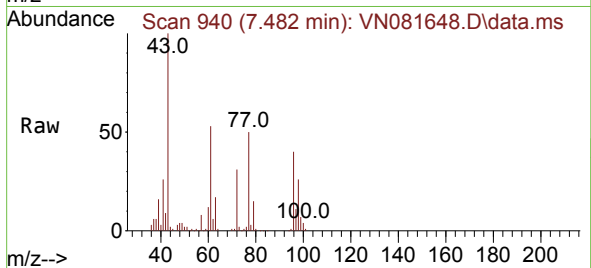




#25
2-Butanone
Concen: 265.191 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

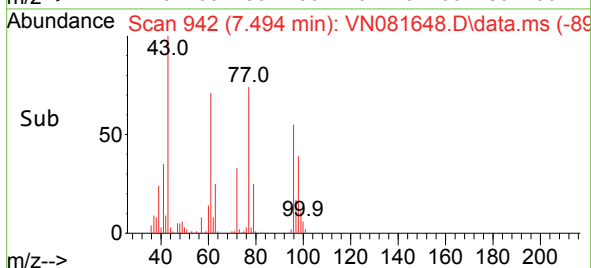
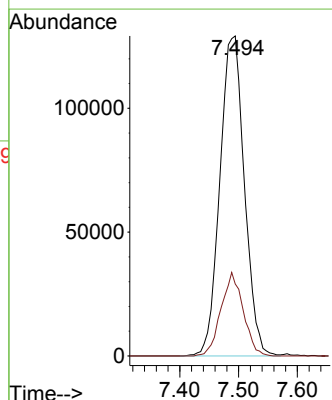
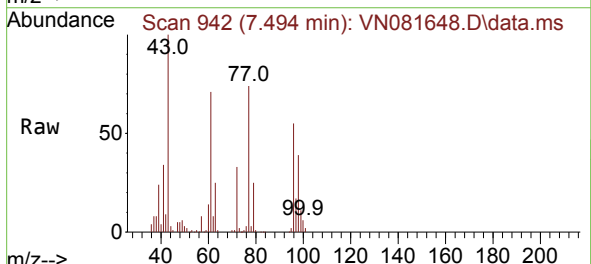
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

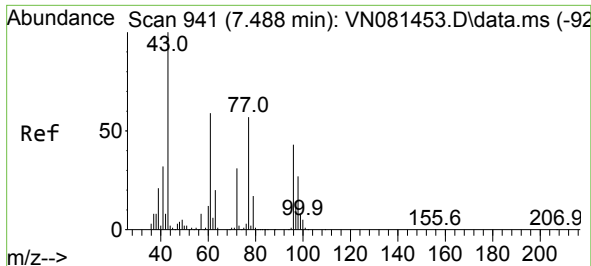
Tgt Ion: 43 Resp: 622732
Ion Ratio Lower Upper
43 100
72 30.9 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 56.480 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 77 Resp: 374507
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5

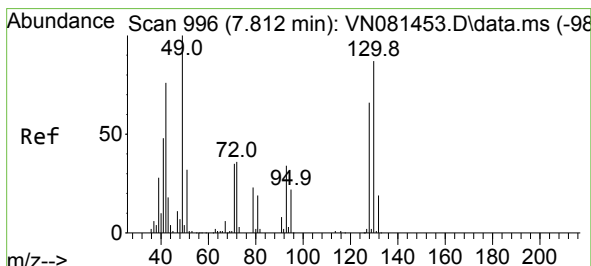
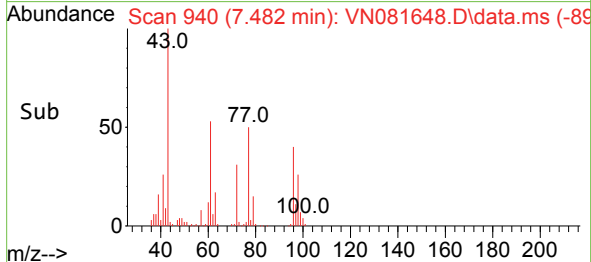
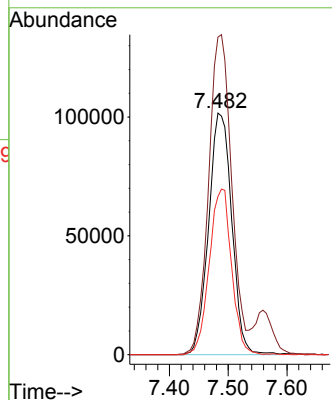
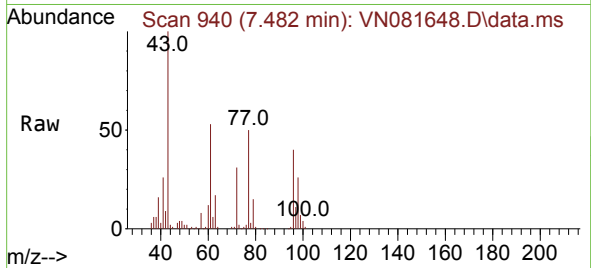




#27
 cis-1,2-Dichloroethene
 Concen: 56.261 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

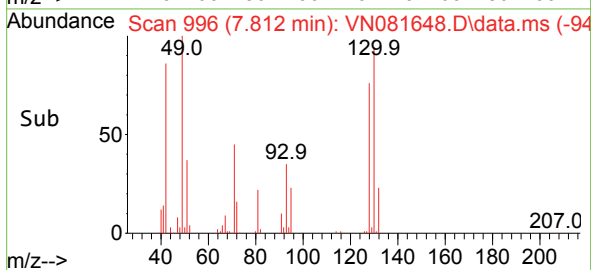
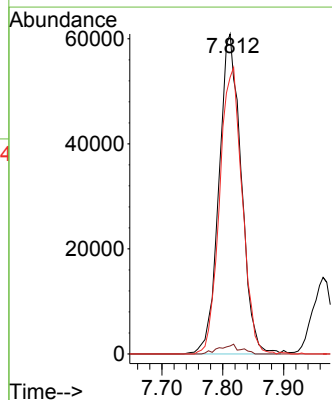
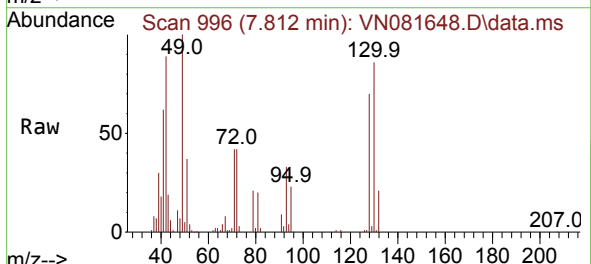
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

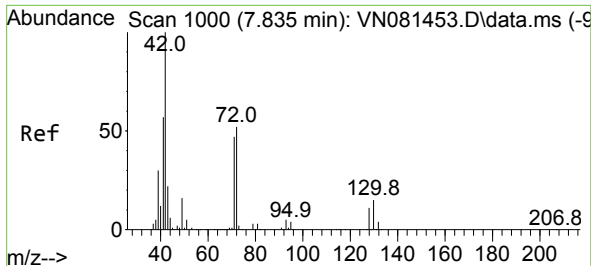
Tgt Ion: 96 Resp: 278254
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 325.4
 98 66.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.600 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

Tgt Ion: 49 Resp: 154448
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 1.6#
 130 90.7 42.3 63.5#

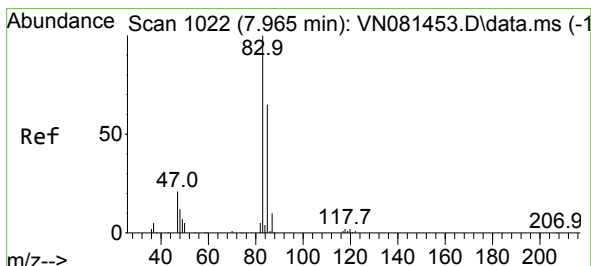
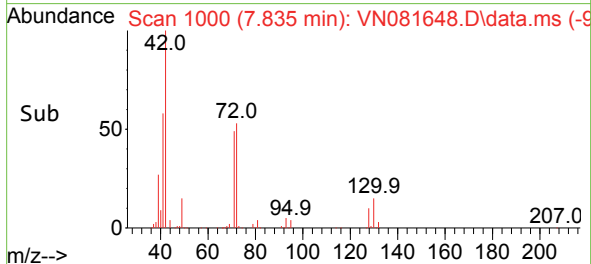
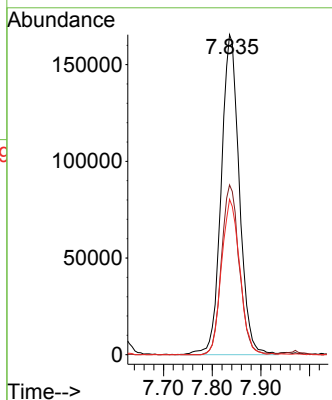
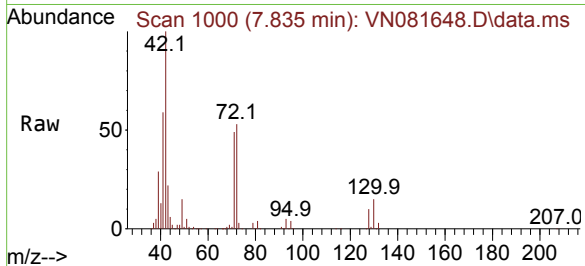




#29
Tetrahydrofuran
Concen: 270.994 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

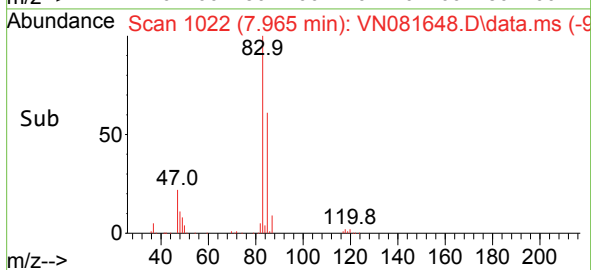
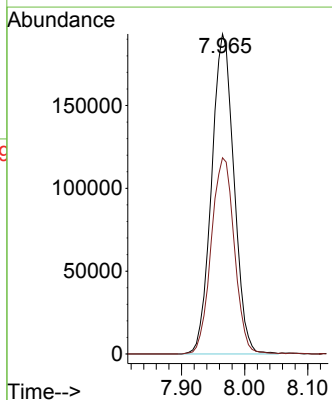
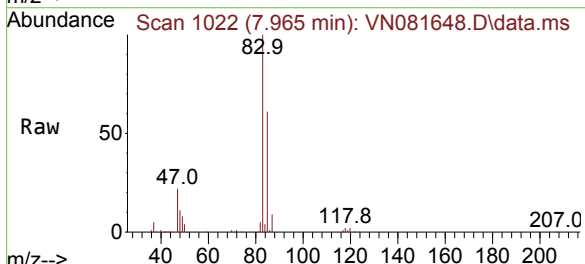
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

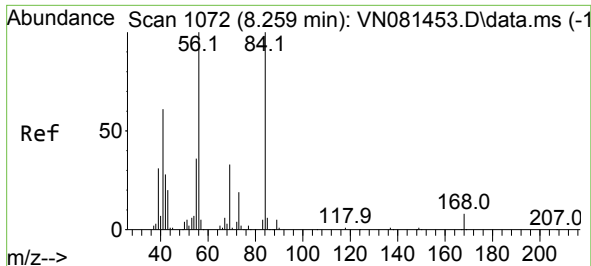
Tgt Ion: 42 Resp: 428694
Ion Ratio Lower Upper
42 100
72 52.3 31.1 46.7#
71 48.9 28.3 42.5#



#30
Chloroform
Concen: 58.069 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 83 Resp: 475249
Ion Ratio Lower Upper
83 100
85 61.3 51.0 76.6

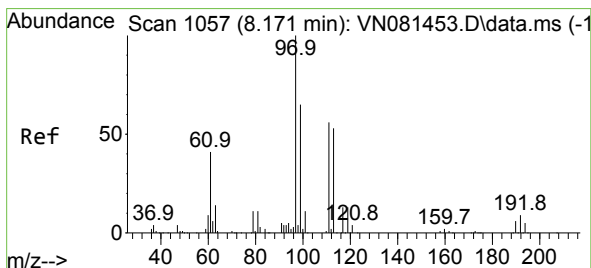
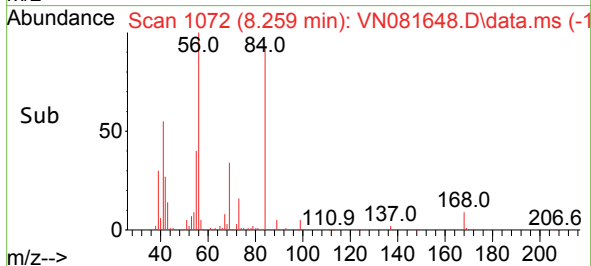
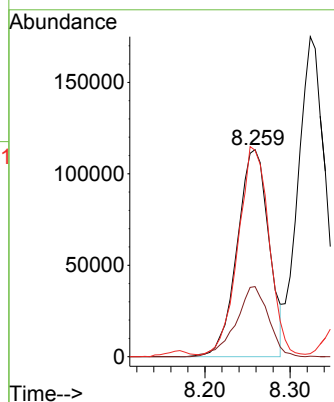
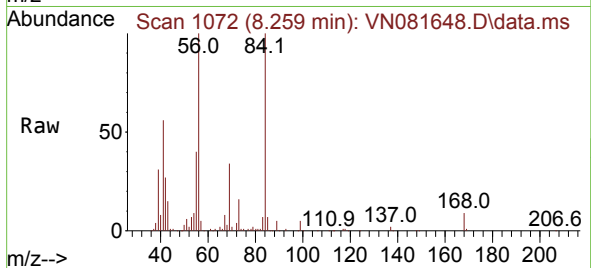




#31
Cyclohexane
Concen: 42.510 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

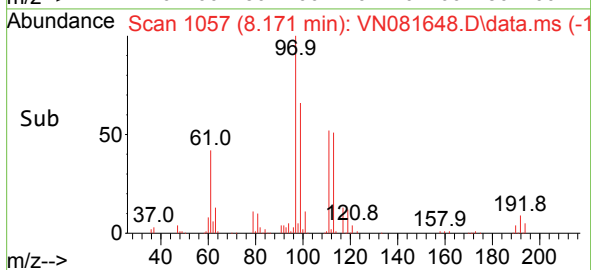
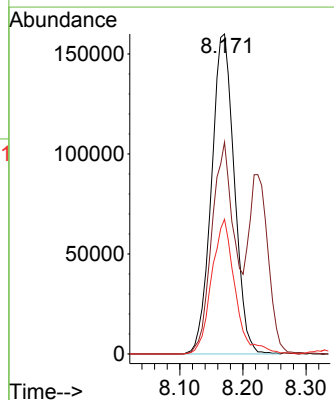
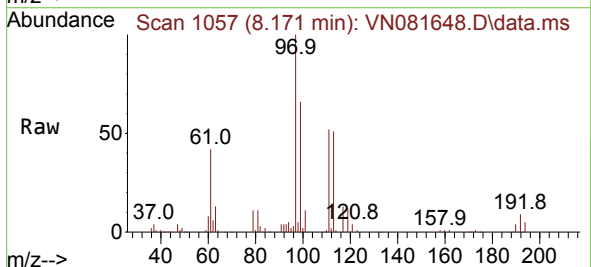
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

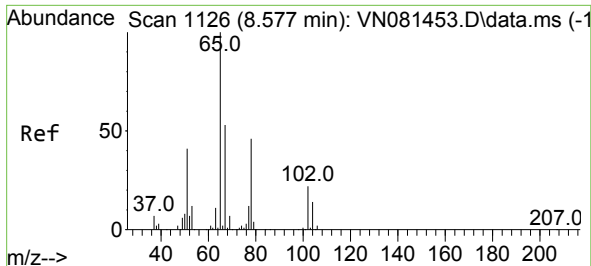
Tgt Ion: 56 Resp: 293046
Ion Ratio Lower Upper
56 100
69 33.8 20.1 30.1#
84 96.8 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 54.159 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 97 Resp: 402146
Ion Ratio Lower Upper
97 100
99 66.1 53.4 80.0
61 43.4 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 52.356 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

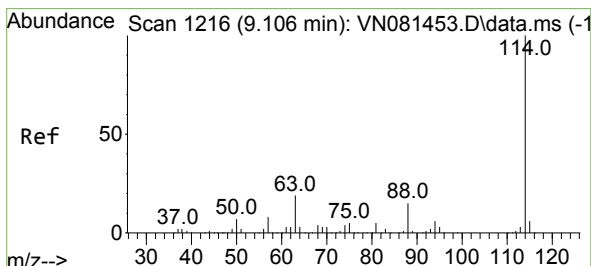
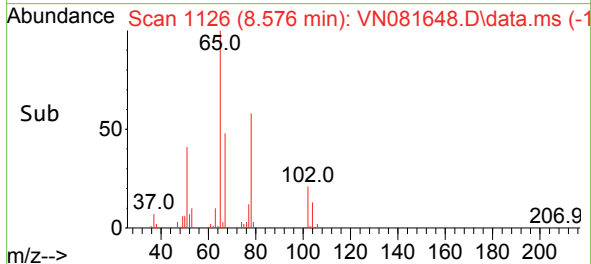
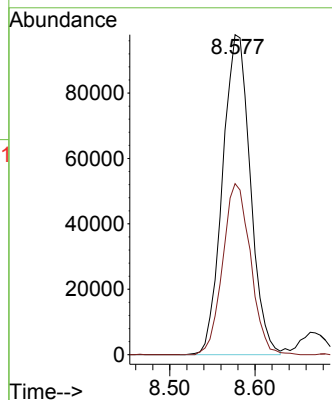
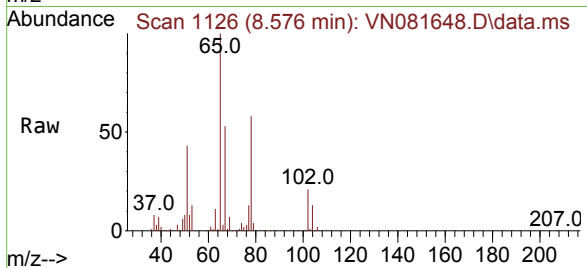
VSTDCCC050

Tgt Ion: 65 Resp: 221798

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

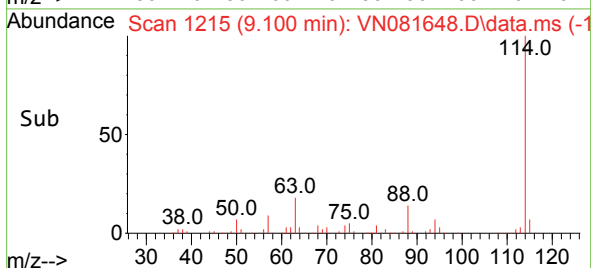
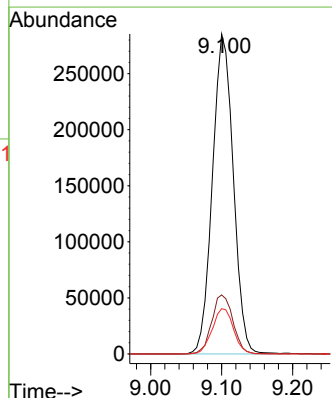
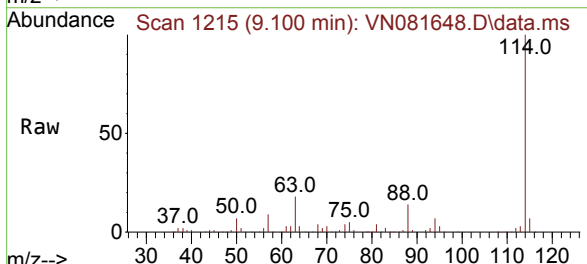
Tgt Ion: 114 Resp: 581723

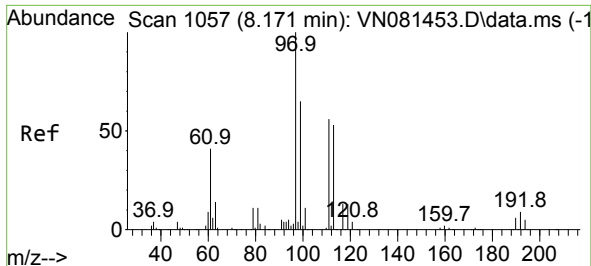
Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 14.1 0.0 34.8

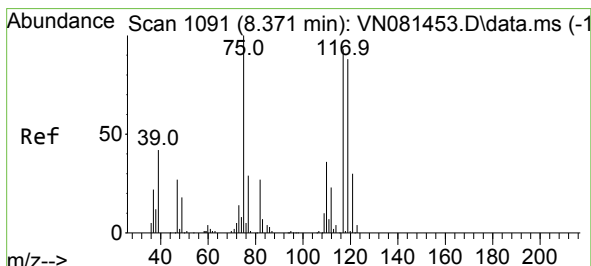
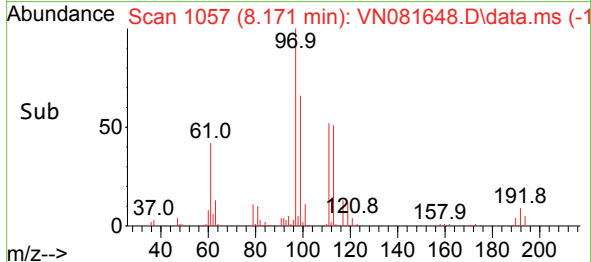
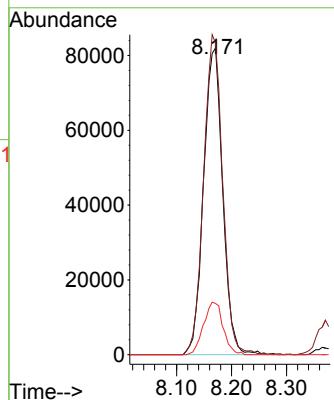
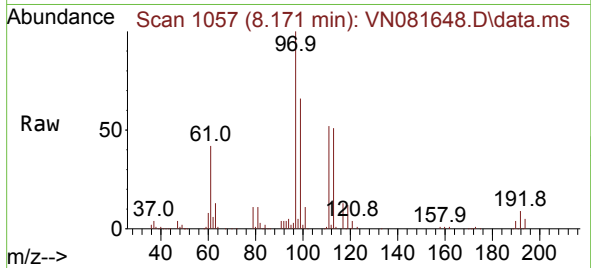




#35
Dibromofluoromethane
Concen: 54.082 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

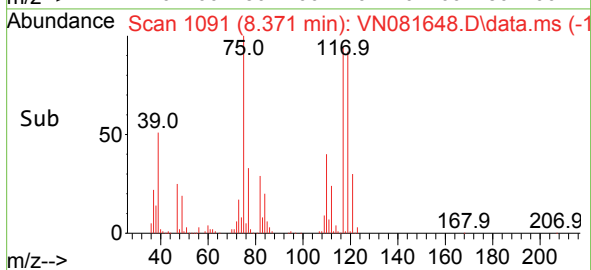
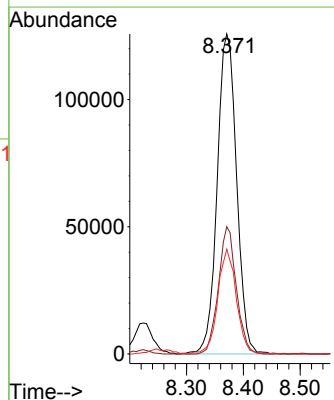
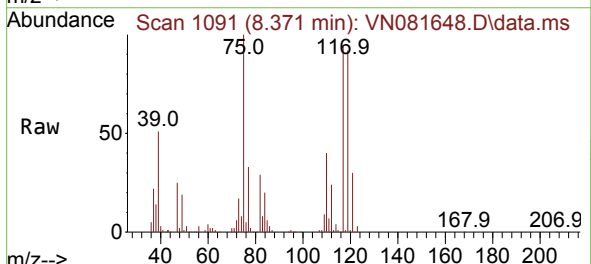
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

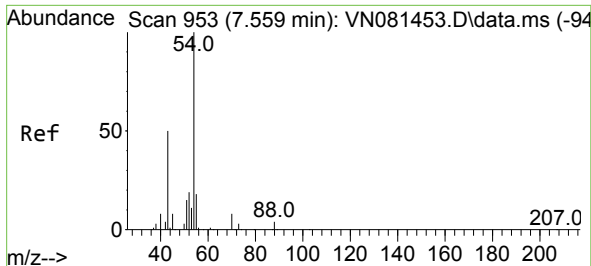
Tgt Ion:113 Resp: 198550
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 17.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 48.385 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 75 Resp: 298937
Ion Ratio Lower Upper
75 100
110 36.6 16.0 48.0
77 31.2 25.8 38.6

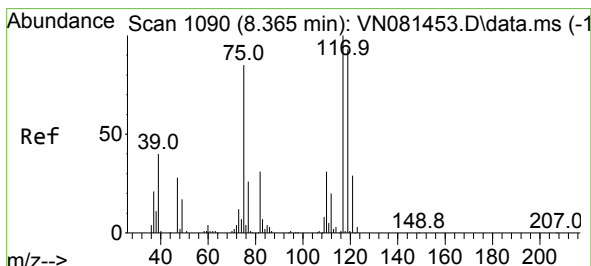
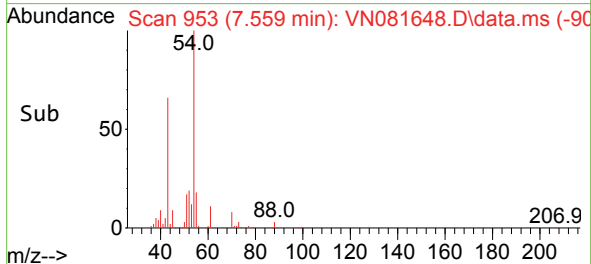
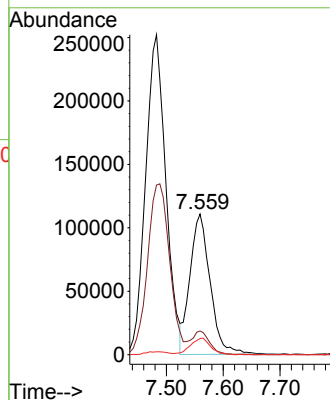
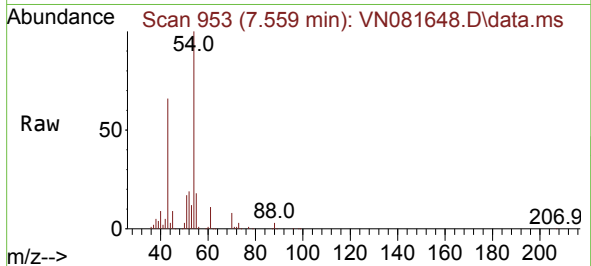




#37
Ethyl Acetate
Concen: 51.748 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

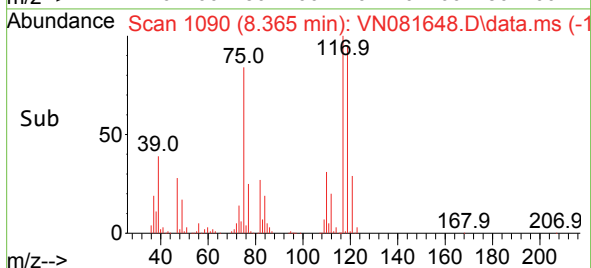
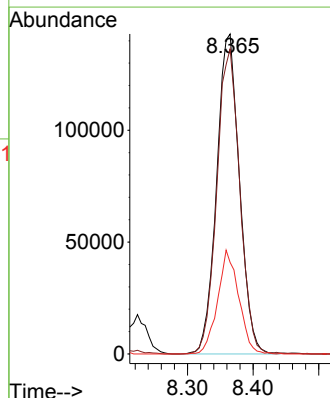
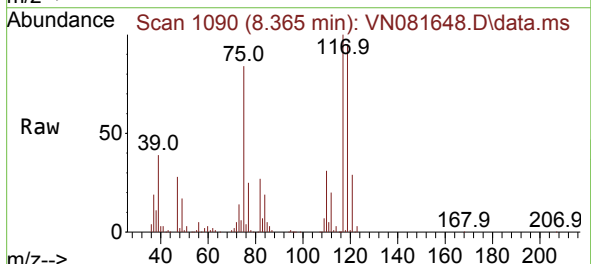
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

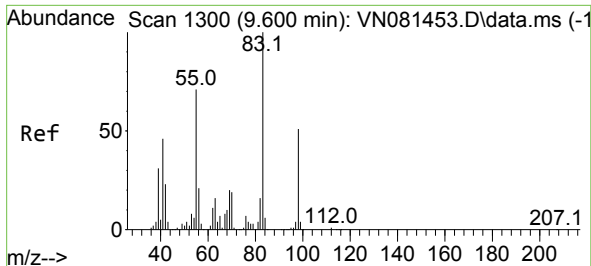
Tgt Ion: 43 Resp: 273771
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 11.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.996 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 117 Resp: 345141
Ion Ratio Lower Upper
117 100
119 95.3 73.4 110.2
121 28.6 24.4 36.6





#39

Methylcyclohexane

Concen: 46.753 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

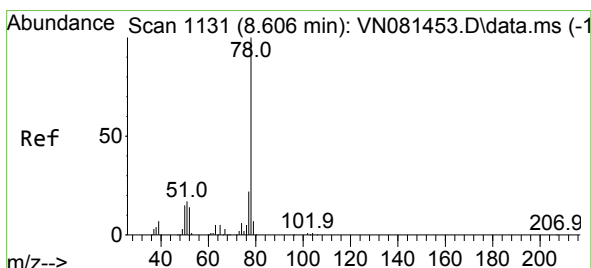
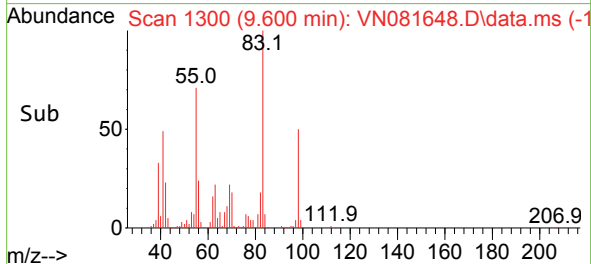
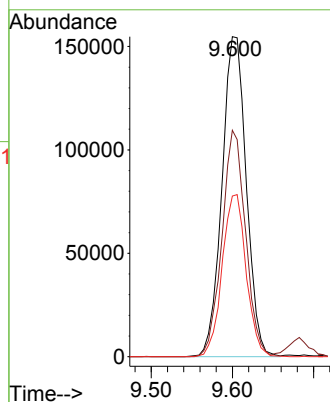
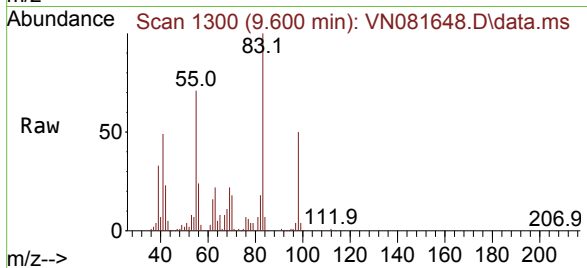
Tgt Ion: 83 Resp: 322577

Ion Ratio Lower Upper

83 100

55 70.7 65.7 98.5

98 50.2 33.8 50.6



#40

Benzene

Concen: 53.905 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081648.D

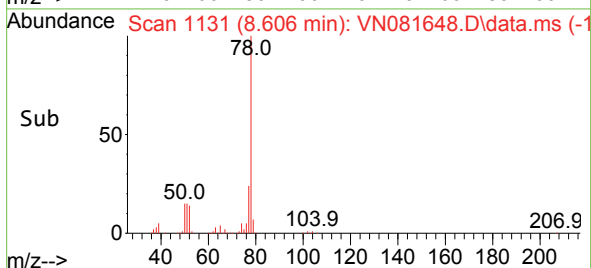
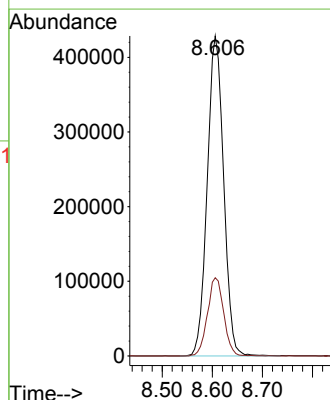
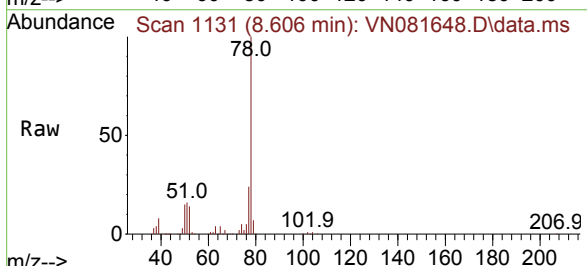
Acq: 02 Apr 2024 10:08

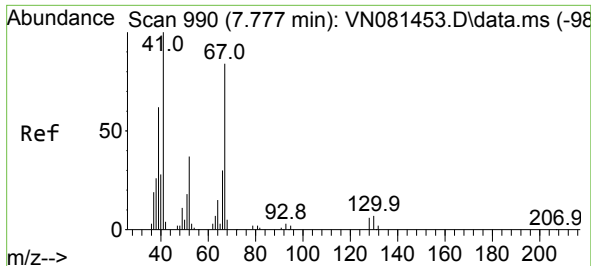
Tgt Ion: 78 Resp: 973670

Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6

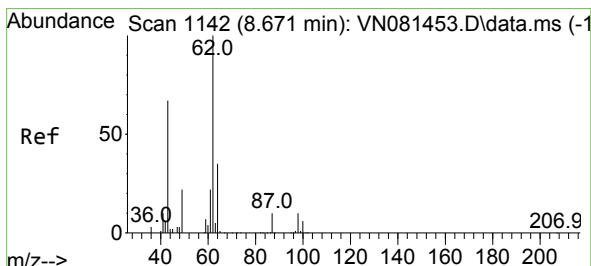
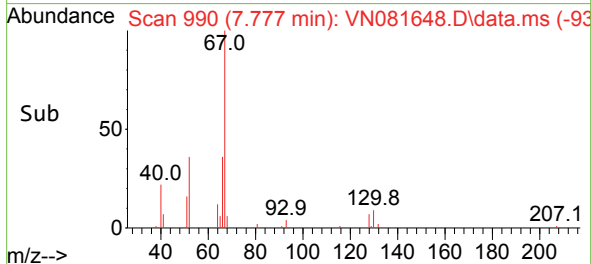
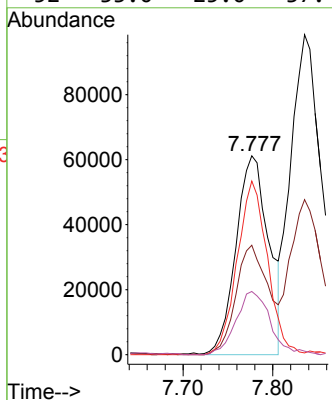
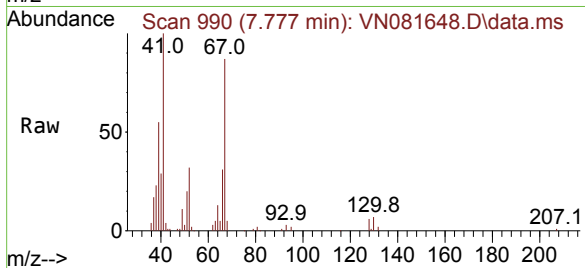




#41
Methacrylonitrile
Concen: 55.699 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

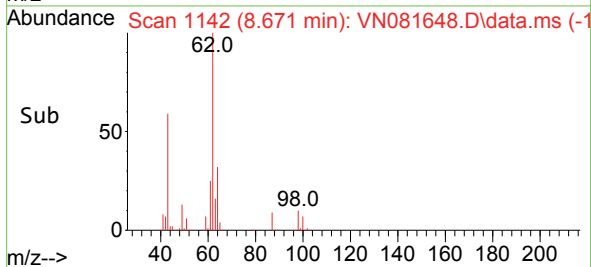
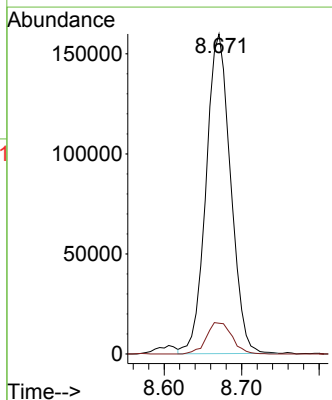
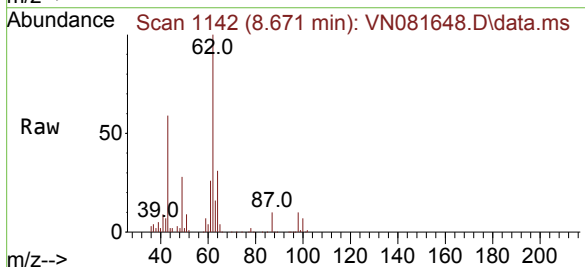
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

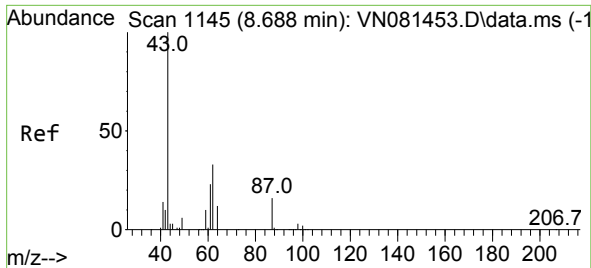
Tgt Ion:	41	Resp:	155835
Ion	Ratio	Lower	Upper
41	100		
39	54.7	48.4	72.6
67	80.3	56.8	85.2
52	33.0	25.0	37.4



#42
1,2-Dichloroethane
Concen: 55.162 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:	62	Resp:	350644
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.0

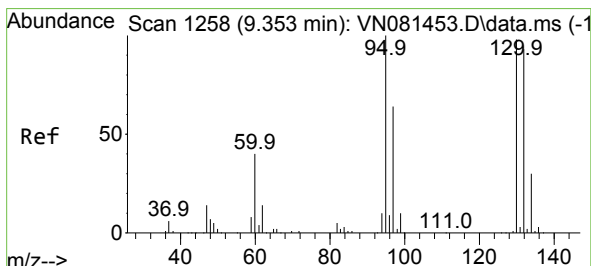
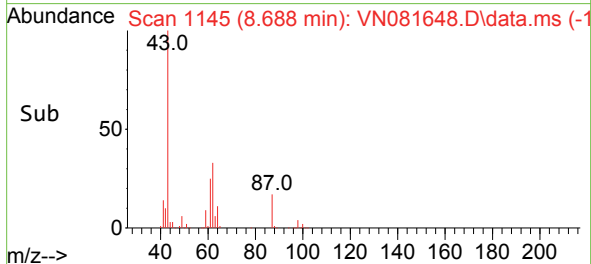
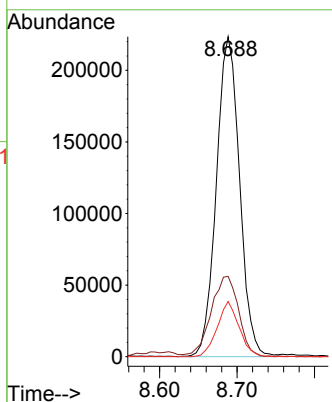
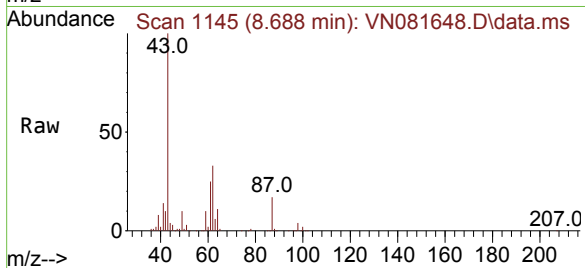




#43
Isopropyl Acetate
Concen: 53.157 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

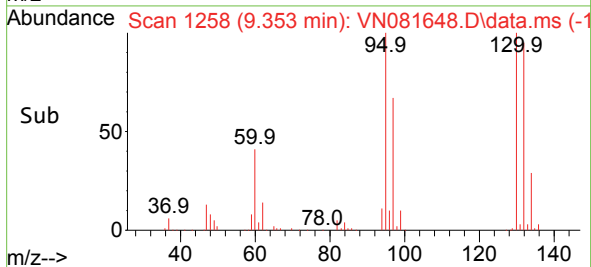
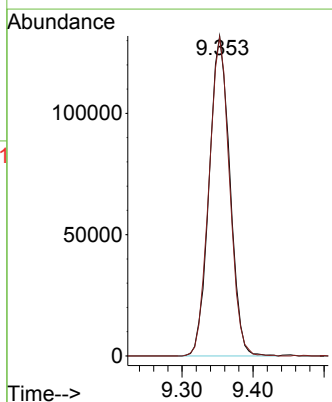
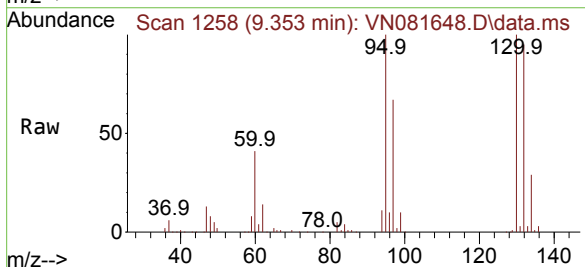
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

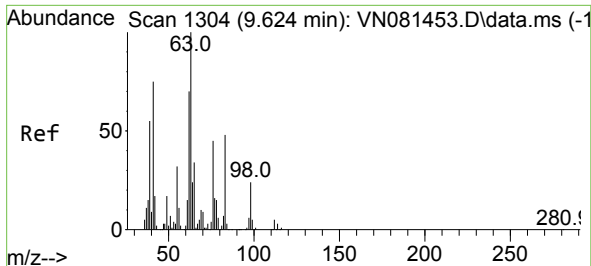
Tgt Ion: 43 Resp: 466162
Ion Ratio Lower Upper
43 100
61 29.6 19.9 29.9
87 16.2 9.0 13.6#



#44
Trichloroethene
Concen: 52.538 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:130 Resp: 266900
Ion Ratio Lower Upper
130 100
95 99.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 57.426 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

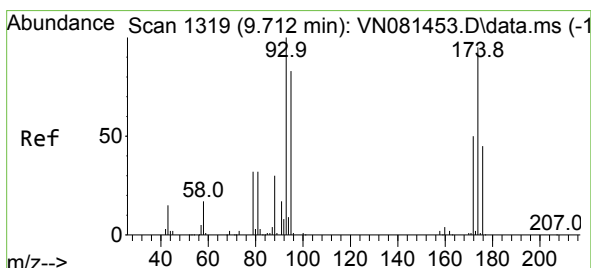
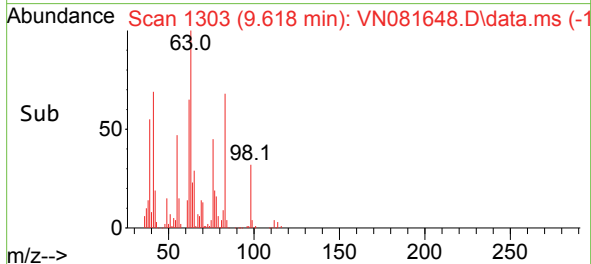
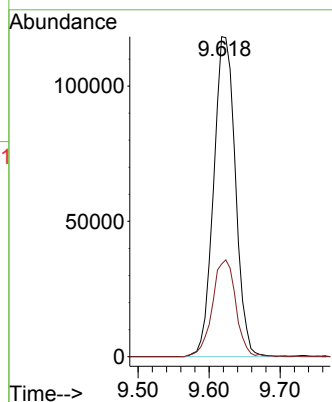
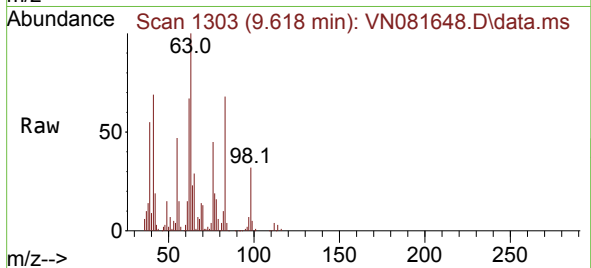
VSTDCCC050

Tgt Ion: 63 Resp: 251384

Ion Ratio Lower Upper

63 100

65 28.9 26.1 39.1



#46

Dibromomethane

Concen: 57.558 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

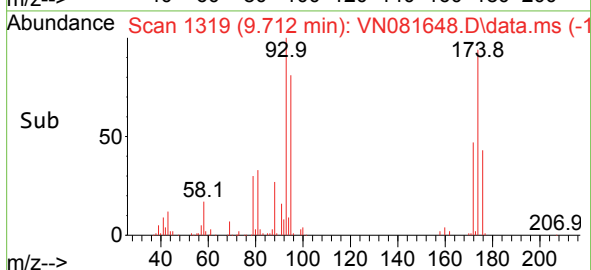
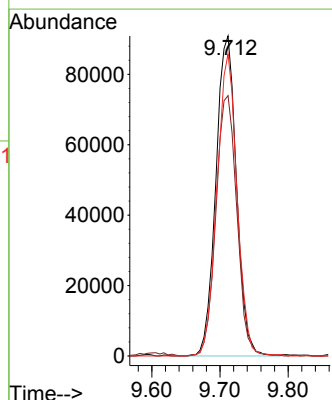
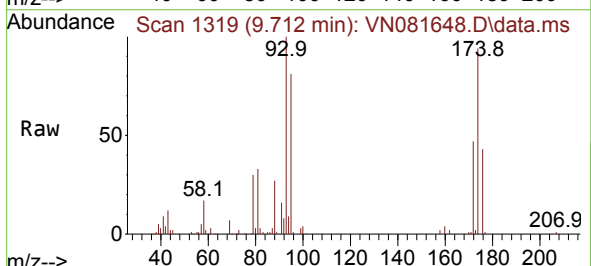
Tgt Ion: 93 Resp: 191345

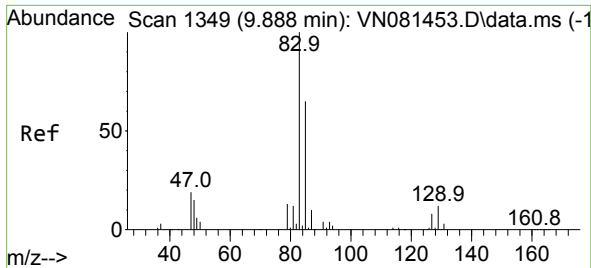
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

174 92.1 57.2 85.8#

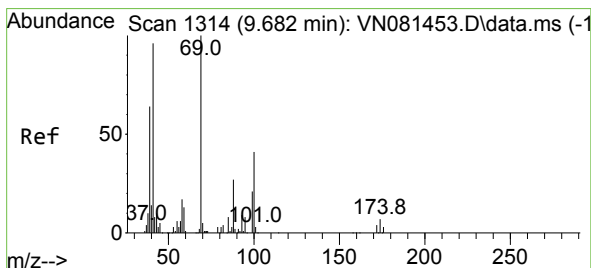
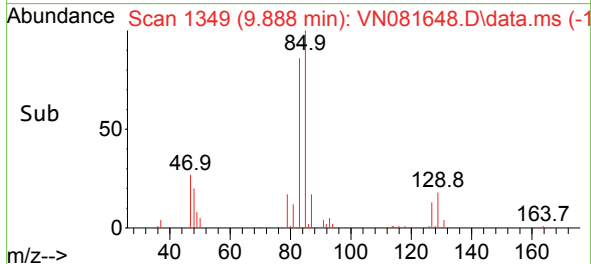
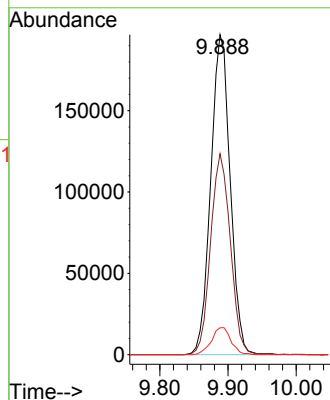
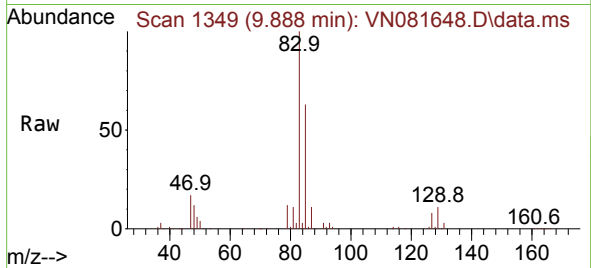




#47
Bromodichloromethane
Concen: 60.079 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

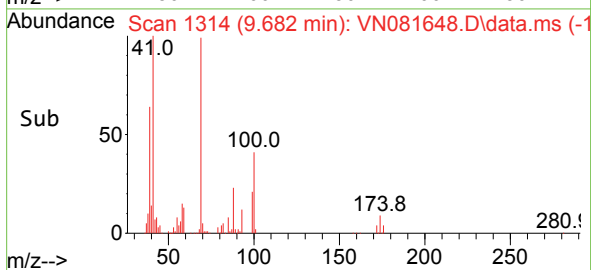
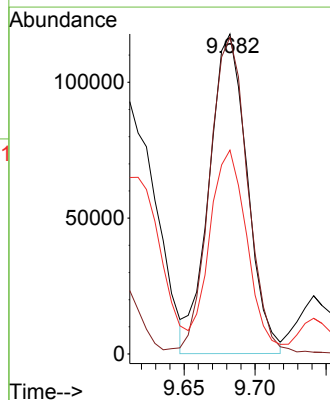
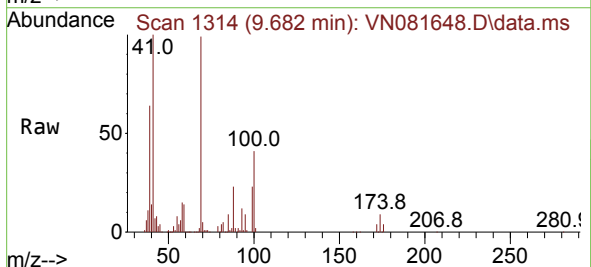
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

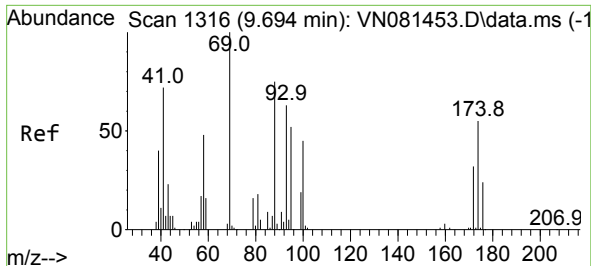
Tgt Ion: 83 Resp: 390500
Ion Ratio Lower Upper
83 100
85 62.8 52.3 78.5
127 8.4 4.6 7.0#



#48
Methyl methacrylate
Concen: 54.284 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 41 Resp: 219570
Ion Ratio Lower Upper
41 100
69 100.0 62.2 93.2#
39 62.8 47.6 71.4





#49

1,4-Dioxane

Concen: 1036.570 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

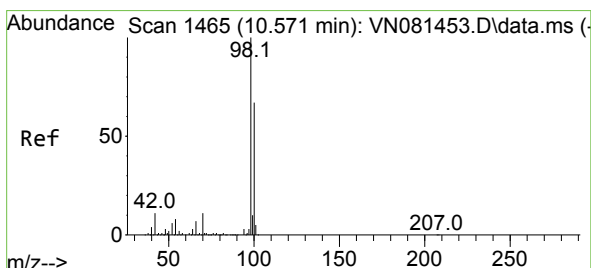
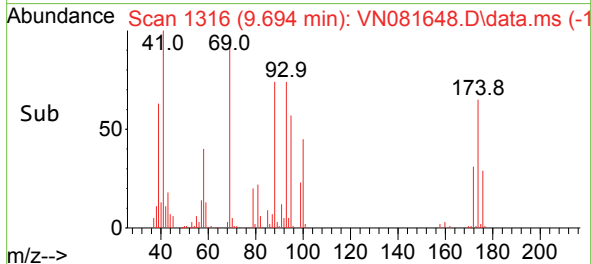
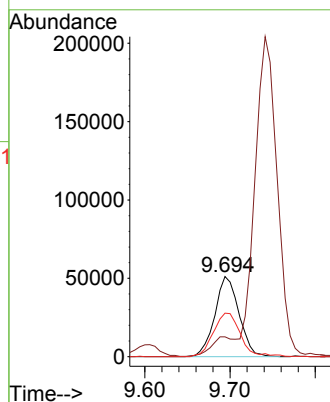
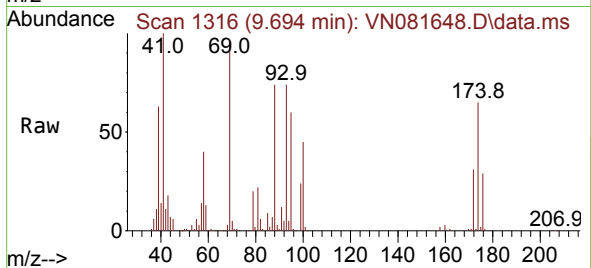
Tgt Ion: 88 Resp: 100759

Ion Ratio Lower Upper

88 100

43 23.6 30.1 45.1#

58 61.2 63.9 95.9#



#50

Toluene-d8

Concen: 50.507 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081648.D

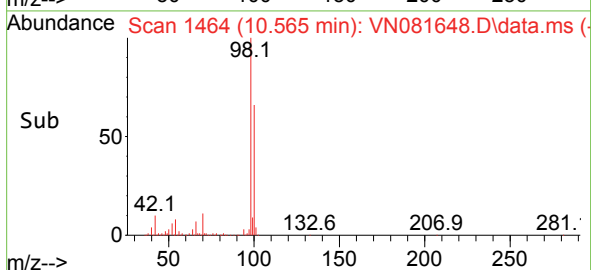
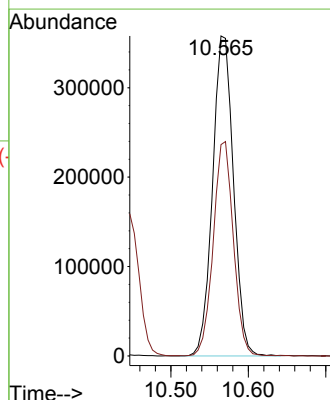
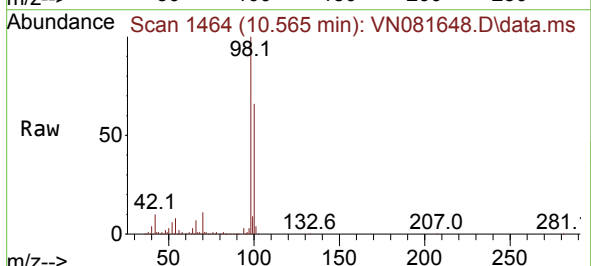
Acq: 02 Apr 2024 10:08

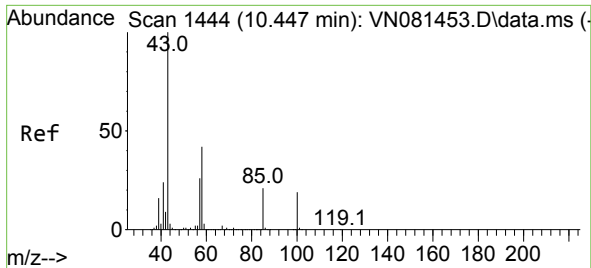
Tgt Ion: 98 Resp: 670284

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

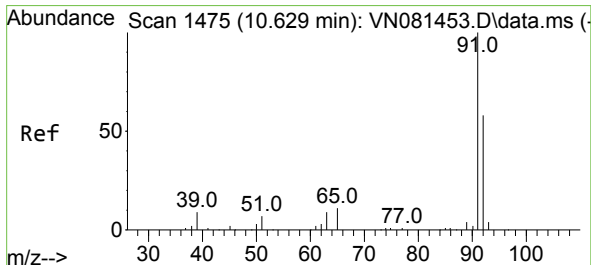
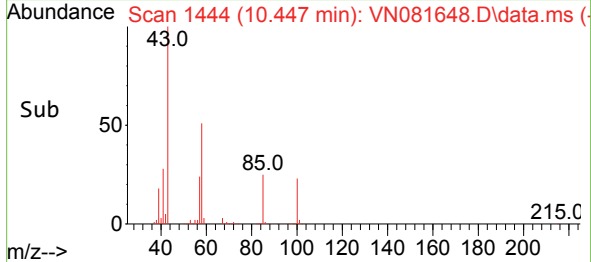
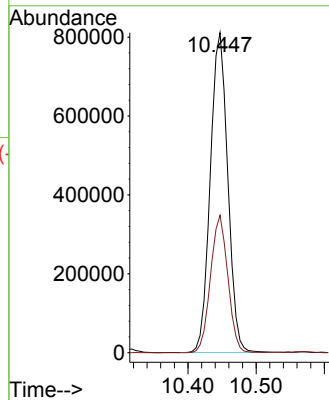
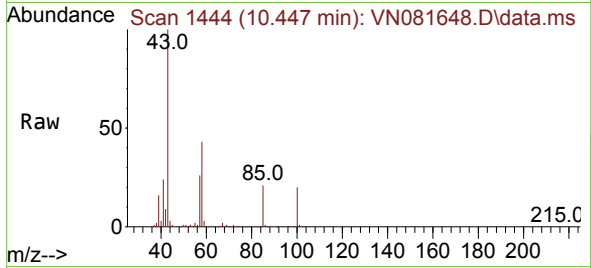




#51
4-Methyl-2-Pentanone
Concen: 270.693 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

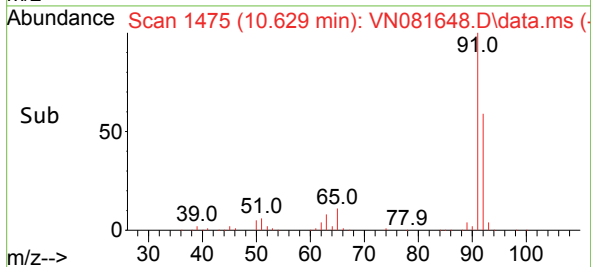
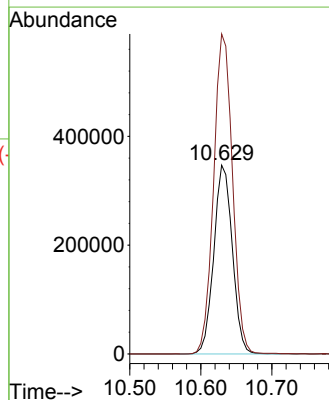
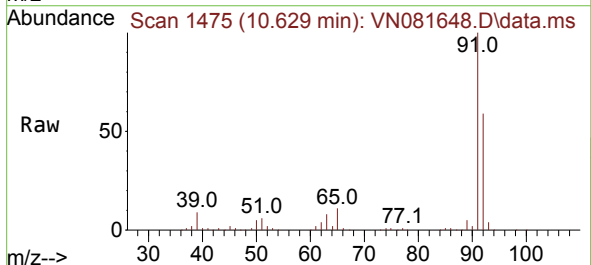
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

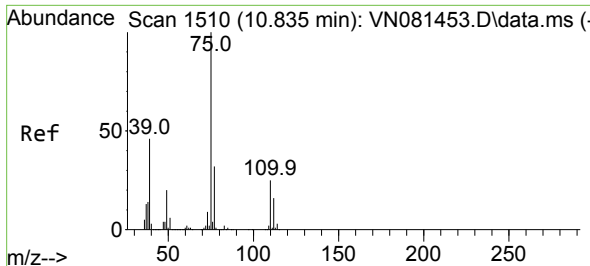
Tgt Ion: 43 Resp: 1448507
Ion Ratio Lower Upper
43 100
58 42.5 29.4 44.0



#52
Toluene
Concen: 54.689 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 92 Resp: 627863
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0

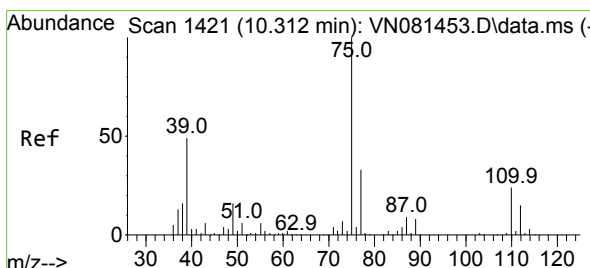
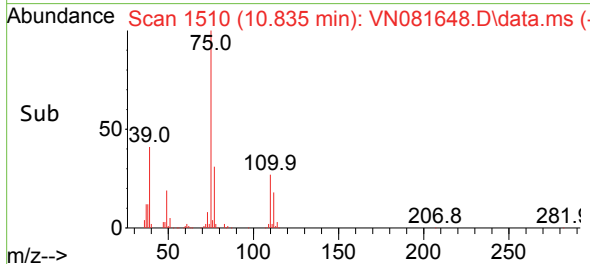
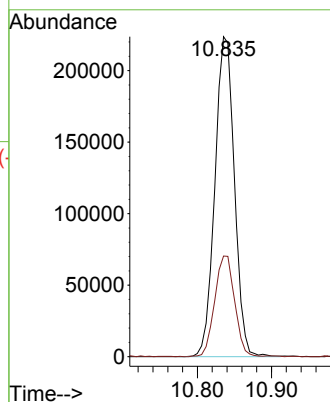
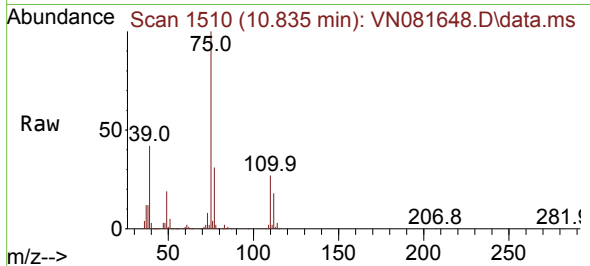




#53
t-1,3-Dichloropropene
Concen: 58.316 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

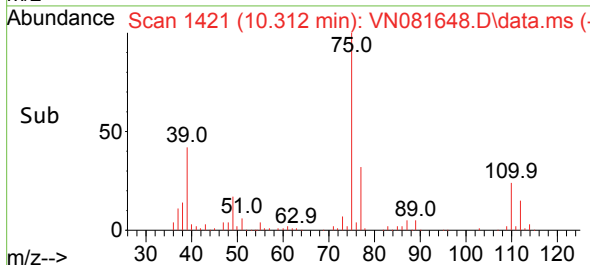
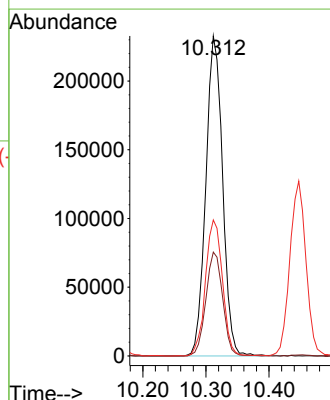
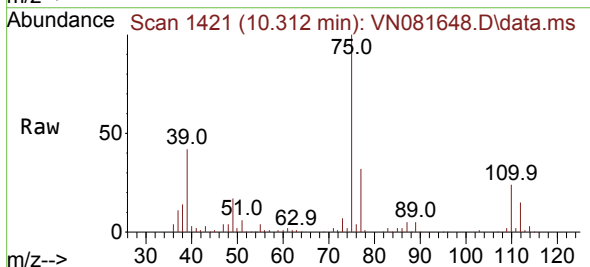
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

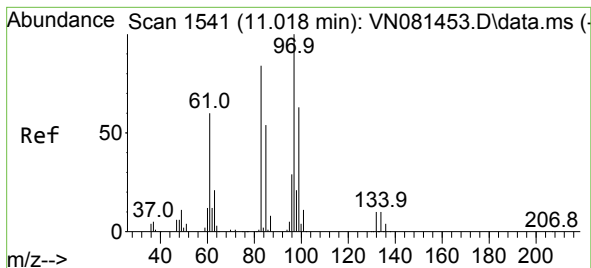
Tgt Ion: 75 Resp: 409292
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 57.138 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 75 Resp: 429963
Ion Ratio Lower Upper
75 100
77 32.5 23.3 34.9
39 42.4 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 59.579 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 275268

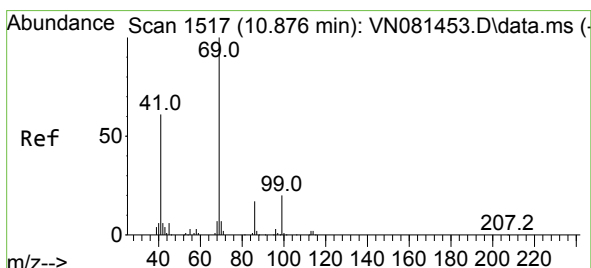
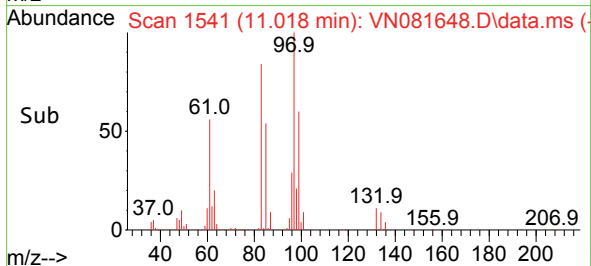
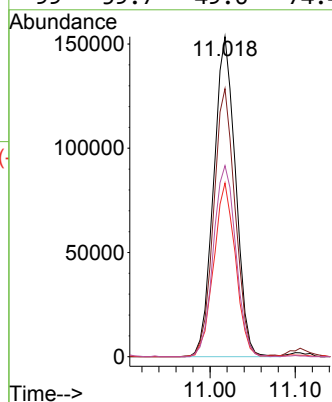
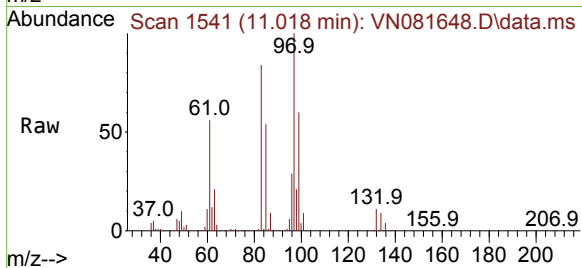
Ion Ratio Lower Upper

97 100

83 83.8 72.9 109.3

85 54.3 50.2 75.2

99 59.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 53.480 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

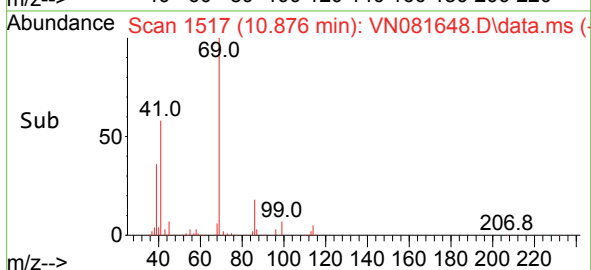
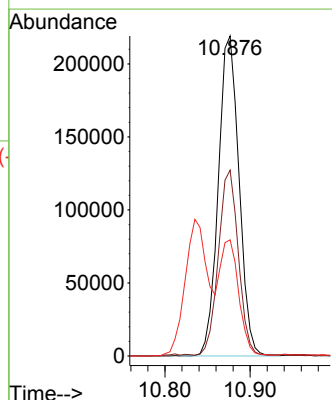
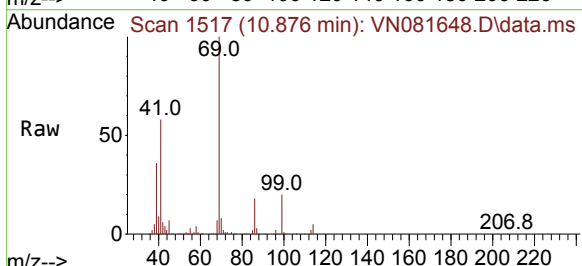
Tgt Ion: 69 Resp: 370708

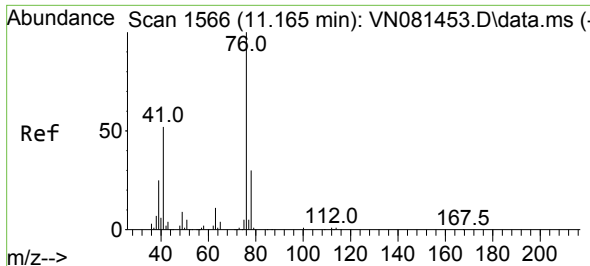
Ion Ratio Lower Upper

69 100

41 55.4 61.0 91.6#

39 32.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 59.377 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

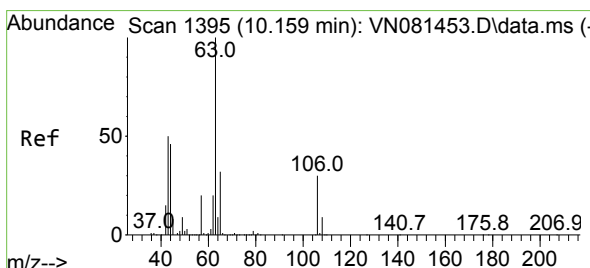
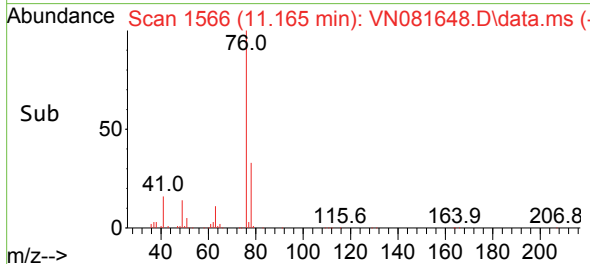
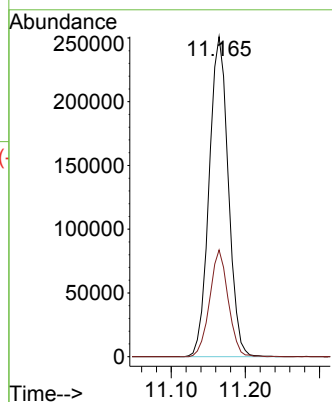
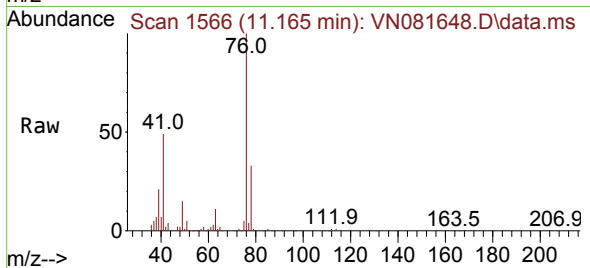
VSTDCCC050

Tgt Ion: 76 Resp: 449726

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 292.096 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081648.D

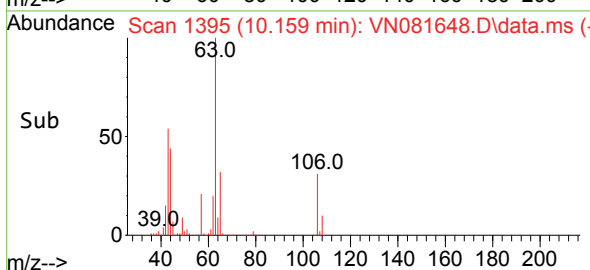
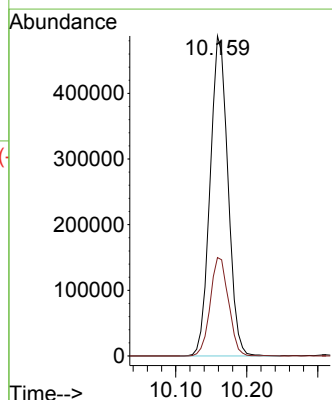
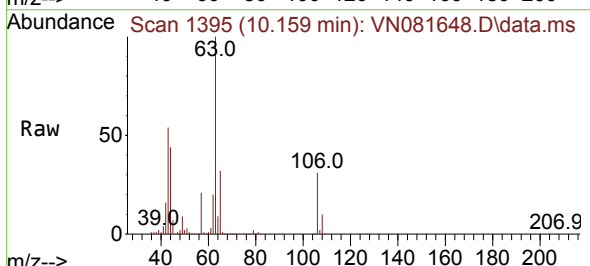
Acq: 02 Apr 2024 10:08

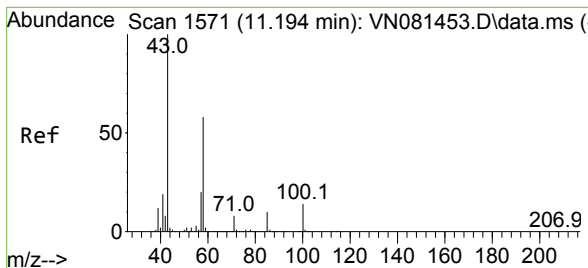
Tgt Ion: 63 Resp: 849177

Ion Ratio Lower Upper

63 100

106 31.5 18.6 28.0#

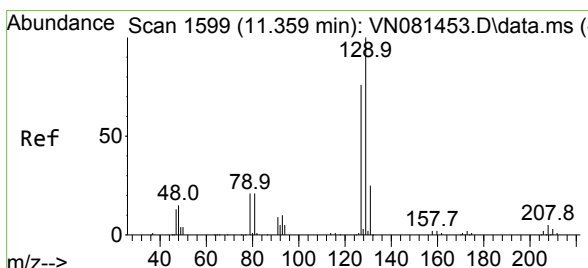
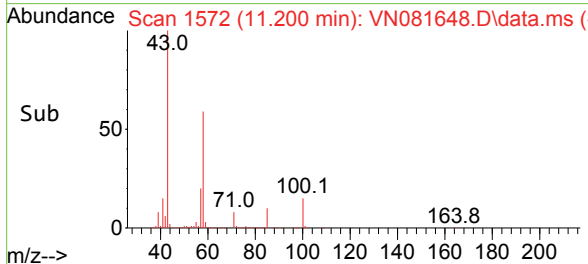
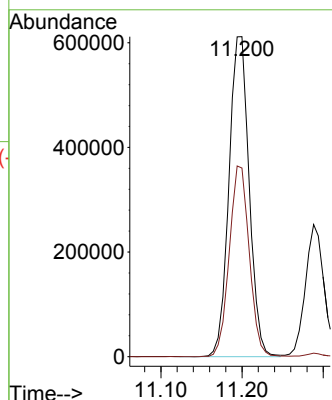
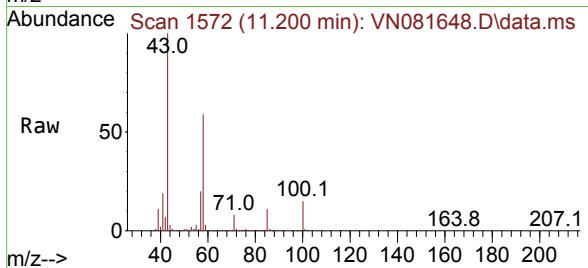




#59
2-Hexanone
Concen: 266.863 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

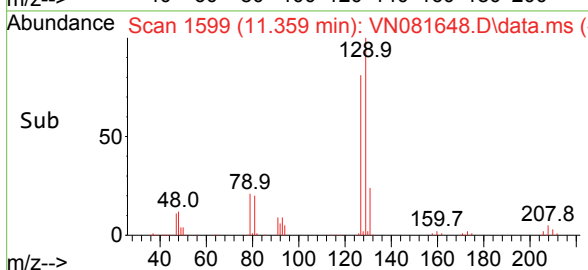
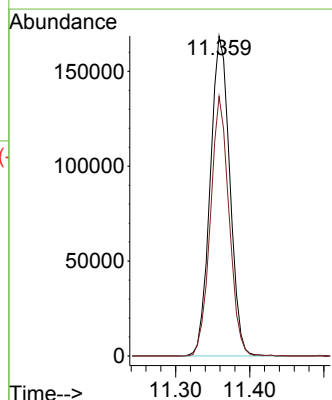
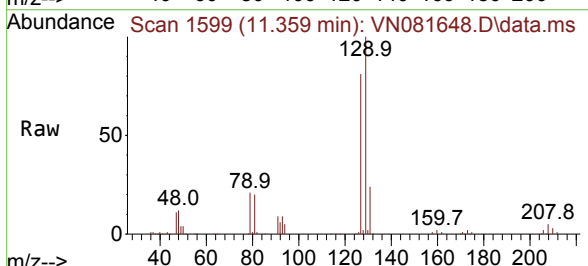
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

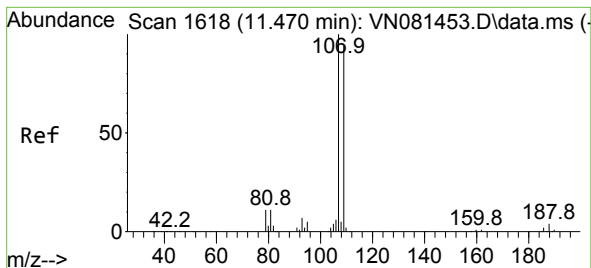
Tgt Ion: 43 Resp: 1055790
Ion Ratio Lower Upper
43 100
58 59.0 25.9 77.8



#60
Dibromochloromethane
Concen: 60.842 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 129 Resp: 309151
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2

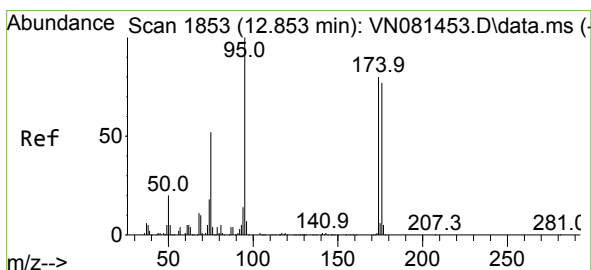
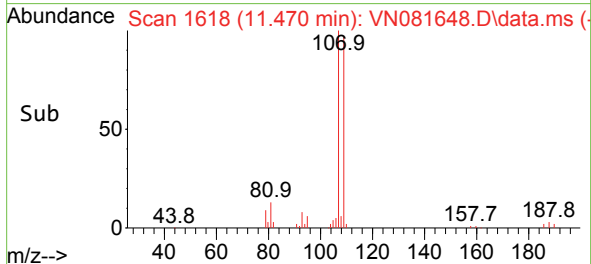
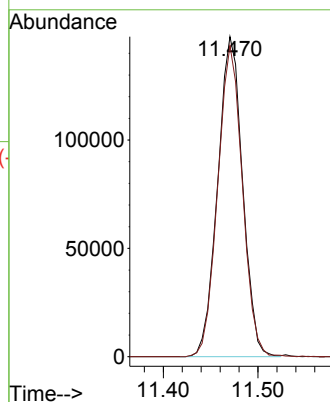
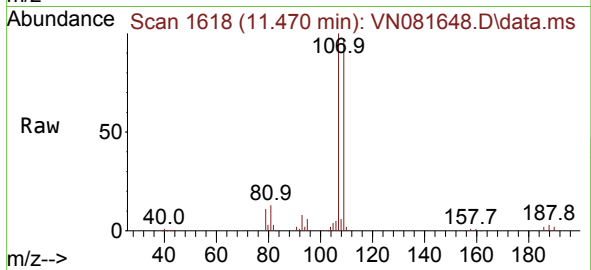




#61
1,2-Dibromoethane
Concen: 57.234 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

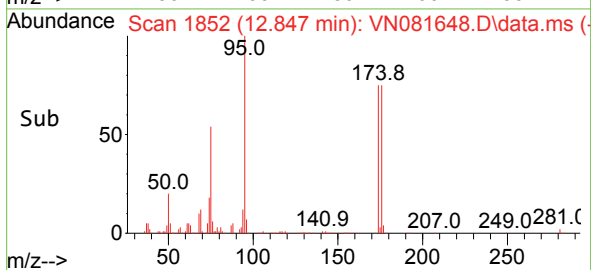
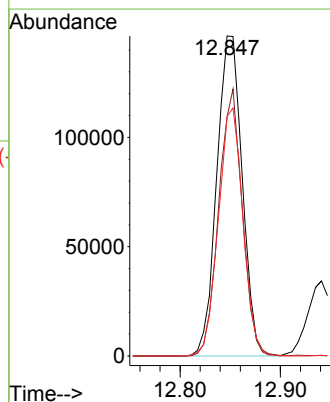
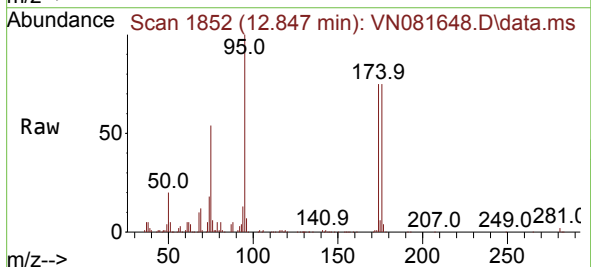
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

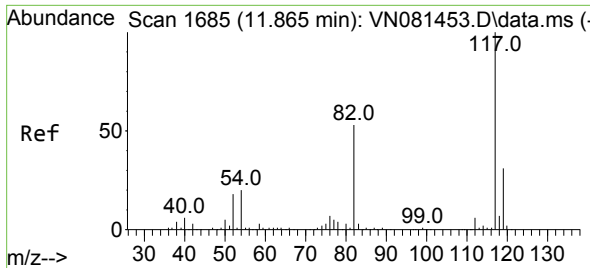
Tgt Ion:107 Resp: 269598
Ion Ratio Lower Upper
107 100
109 96.1 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 55.016 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 95 Resp: 257267
Ion Ratio Lower Upper
95 100
174 77.3 0.0 120.4
176 75.0 0.0 121.0

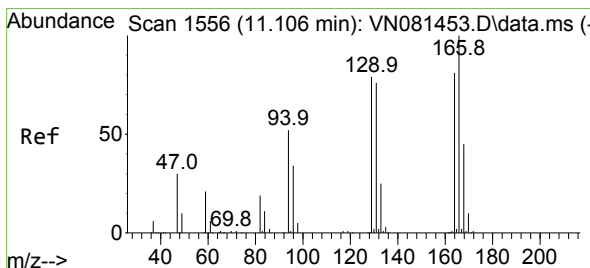
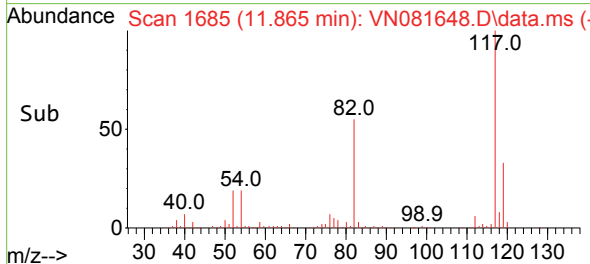
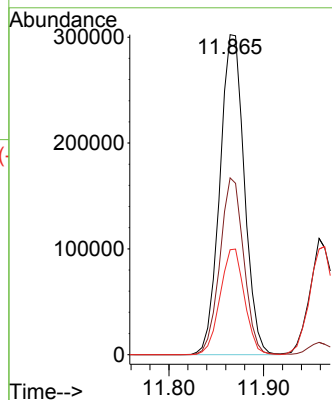
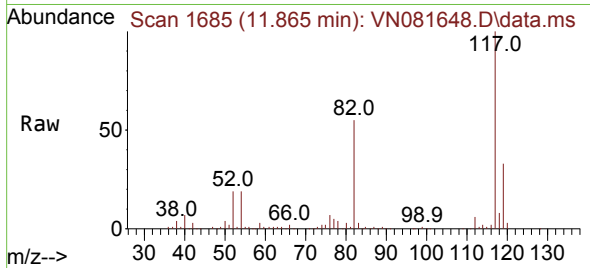




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

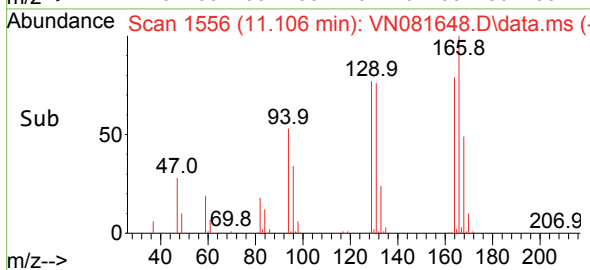
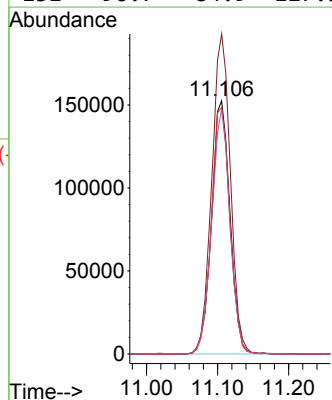
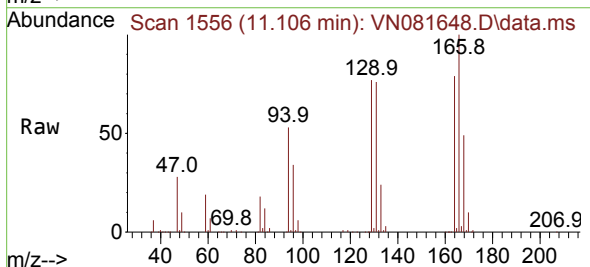
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

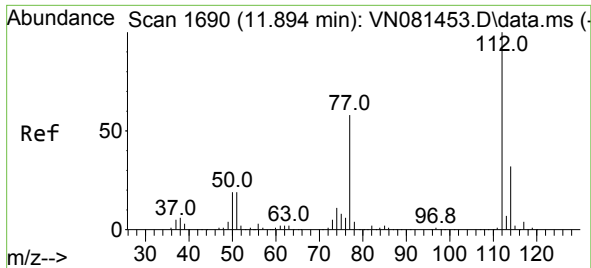
Tgt Ion:117 Resp: 543285
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 32.8 25.3 37.9



#64
Tetrachloroethene
Concen: 52.913 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:164 Resp: 274783
Ion Ratio Lower Upper
164 100
166 126.4 105.8 158.6
129 97.5 89.6 134.4
131 96.7 84.9 127.3

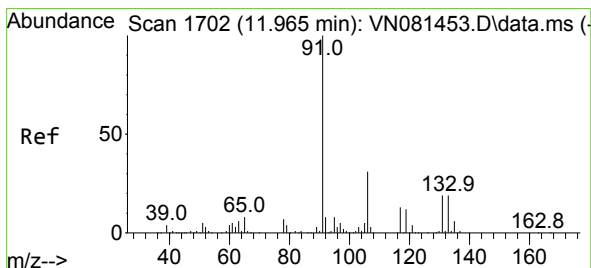
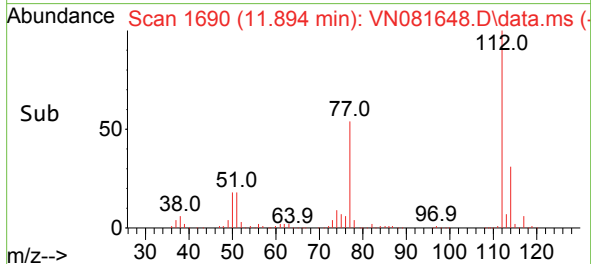
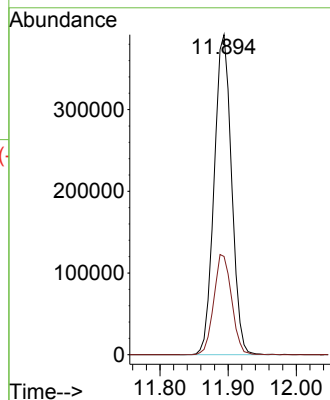
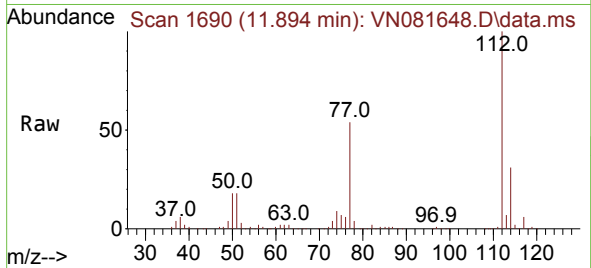




#65
Chlorobenzene
Concen: 54.132 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

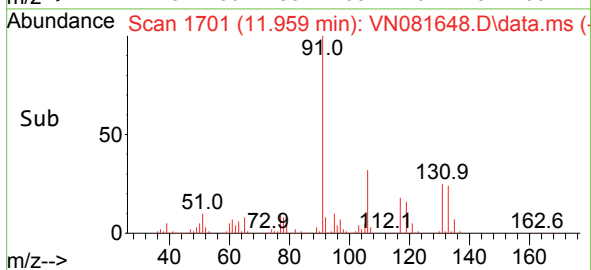
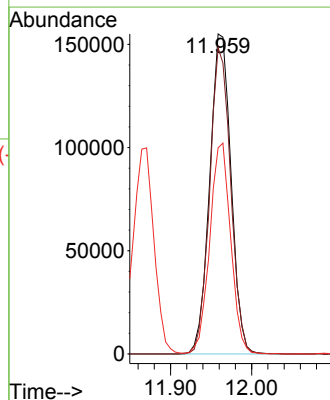
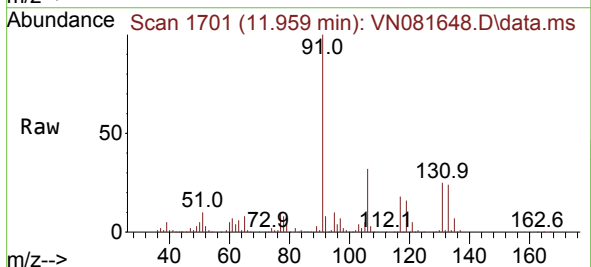
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

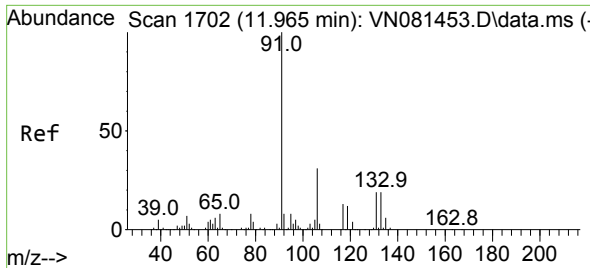
Tgt Ion:112 Resp: 695235
Ion Ratio Lower Upper
112 100
114 30.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.352 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:131 Resp: 282518
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 64.8 34.6 103.9

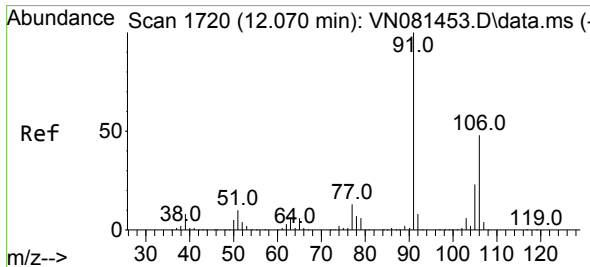
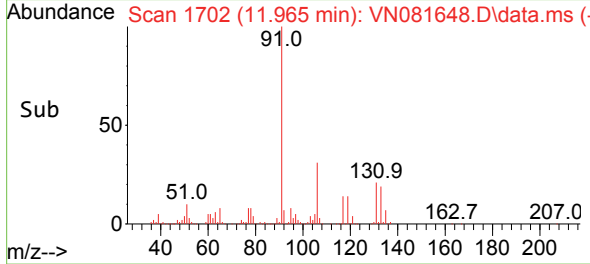
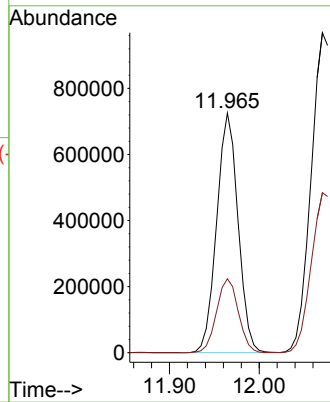
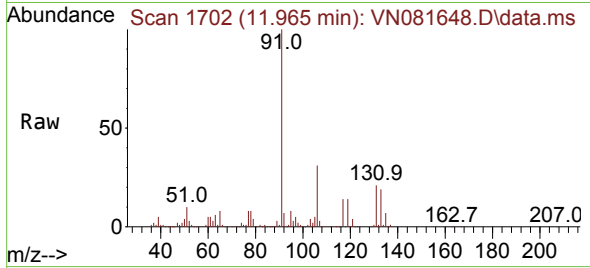




#67
Ethyl Benzene
Concen: 53.723 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

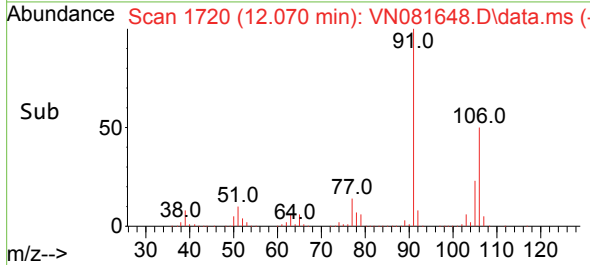
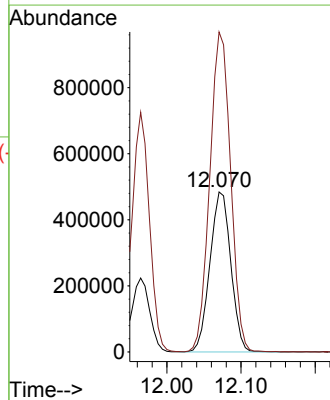
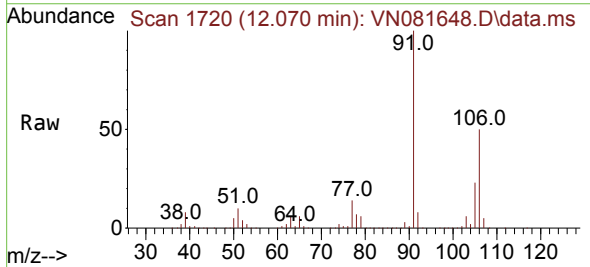
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

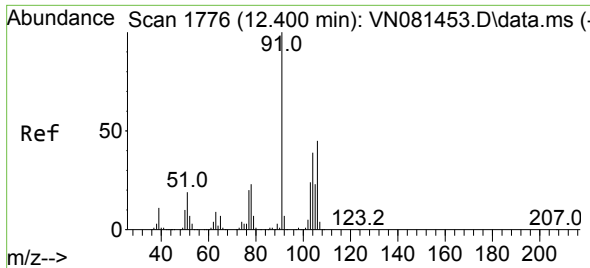
Tgt Ion: 91 Resp: 1198532
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6



#68
m/p-Xylenes
Concen: 113.446 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:106 Resp: 948808
Ion Ratio Lower Upper
106 100
91 199.2 169.0 253.6

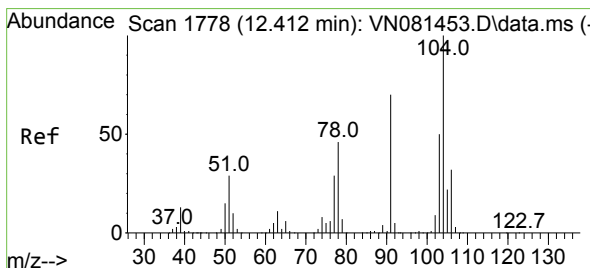
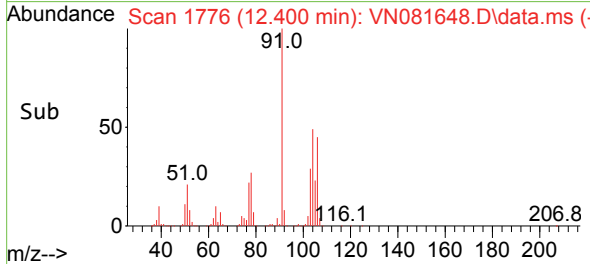
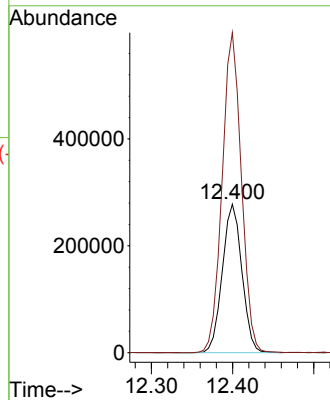
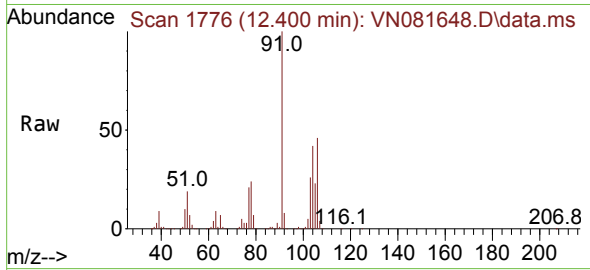




#69
o-Xylene
Concen: 56.684 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

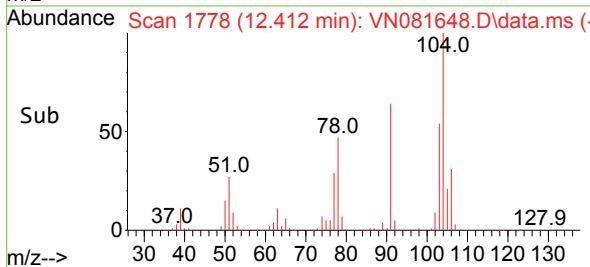
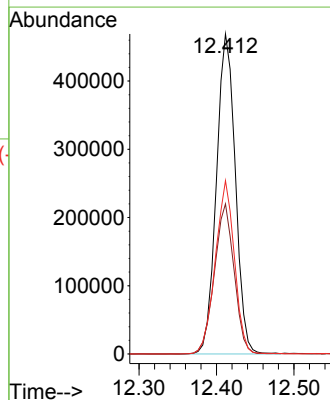
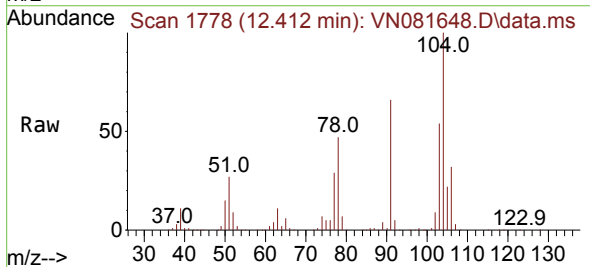
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

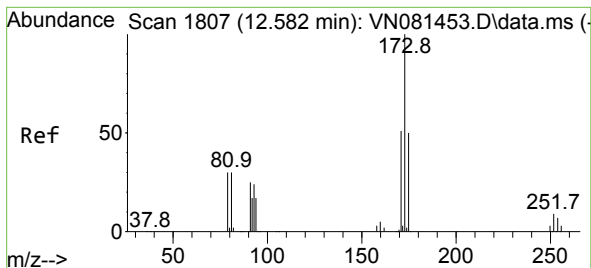
Tgt Ion:106 Resp: 465418
Ion Ratio Lower Upper
106 100
91 212.0 112.1 336.3



#70
Styrene
Concen: 60.037 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:104 Resp: 795027
Ion Ratio Lower Upper
104 100
78 48.9 43.8 65.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 58.918 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

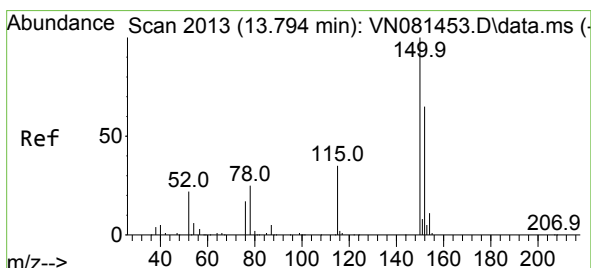
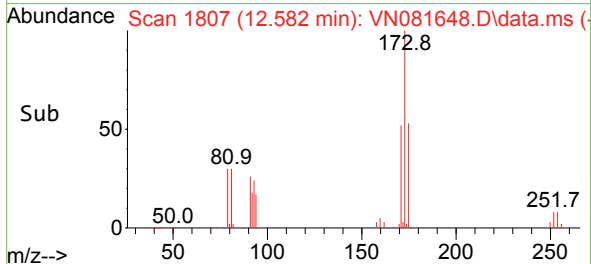
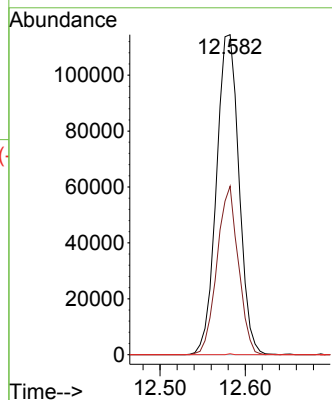
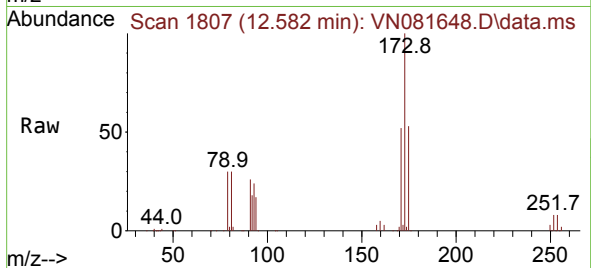
Tgt Ion:173 Resp: 210749

Ion Ratio Lower Upper

173 100

175 49.8 23.1 69.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

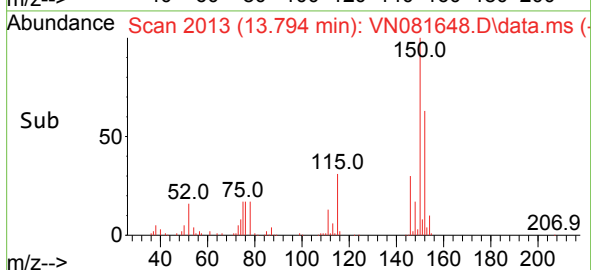
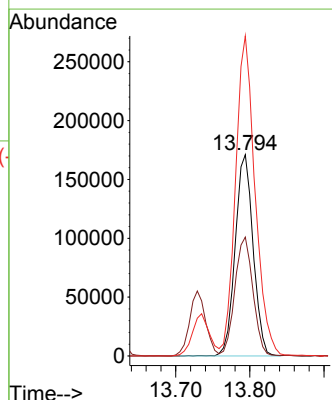
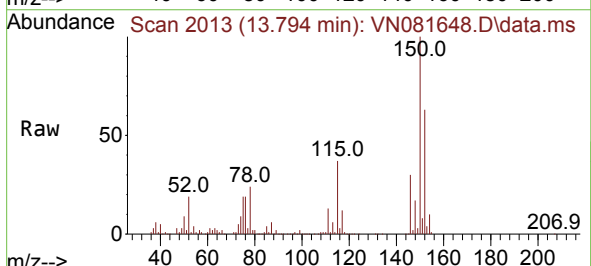
Tgt Ion:152 Resp: 287177

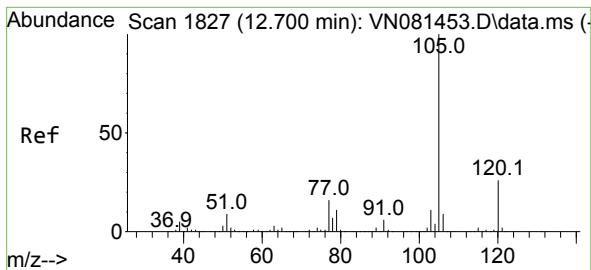
Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

150 173.7 0.0 339.8





#73

Isopropylbenzene

Concen: 48.633 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

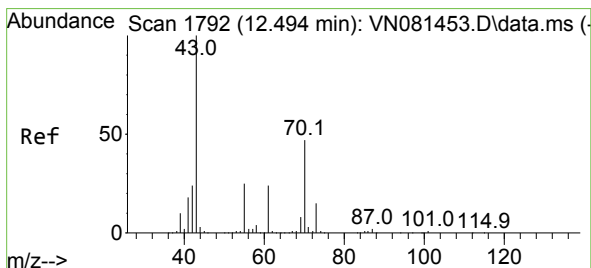
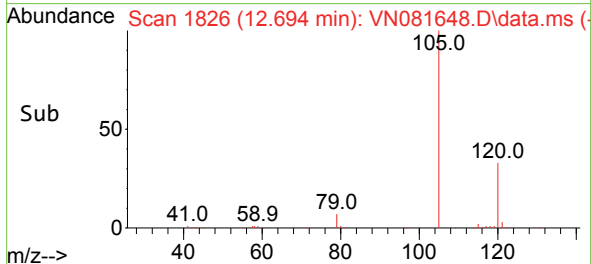
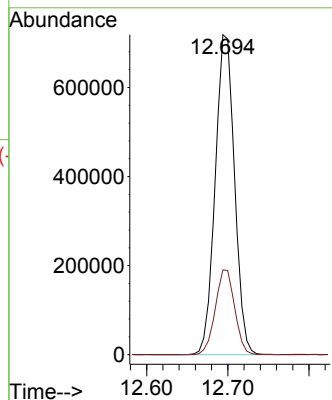
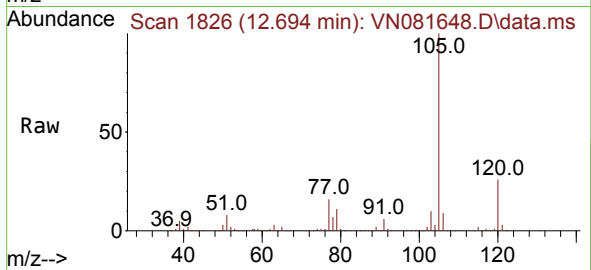
VSTDCCC050

Tgt Ion:105 Resp: 1190504

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.6



#74

N-ethyl acetate

Concen: 47.266 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Tgt Ion: 43 Resp: 418717

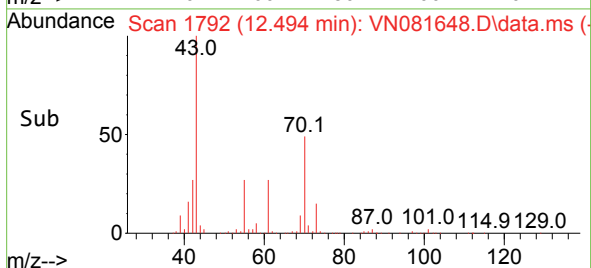
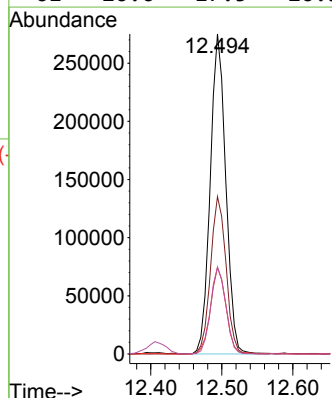
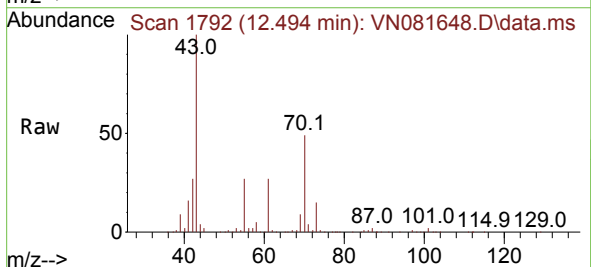
Ion Ratio Lower Upper

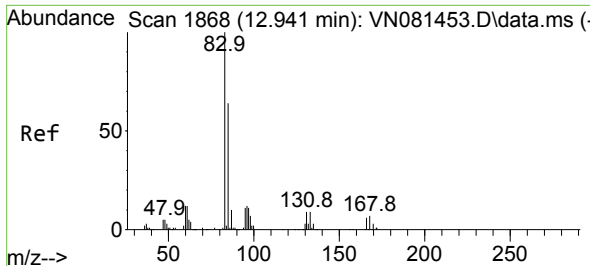
43 100

70 49.1 30.1 45.1#

55 27.0 17.0 25.4#

61 26.6 17.5 26.3#

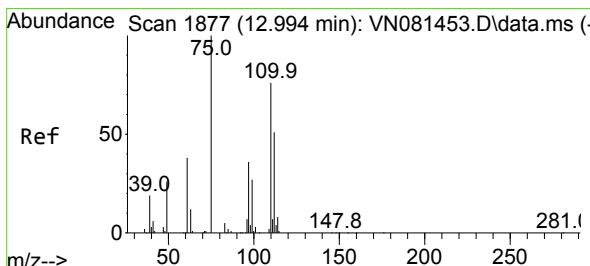
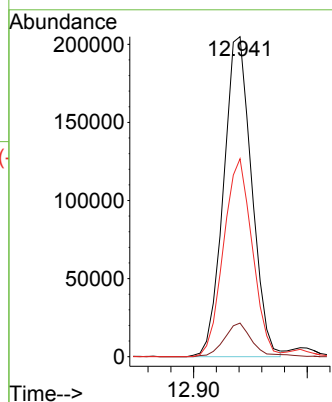
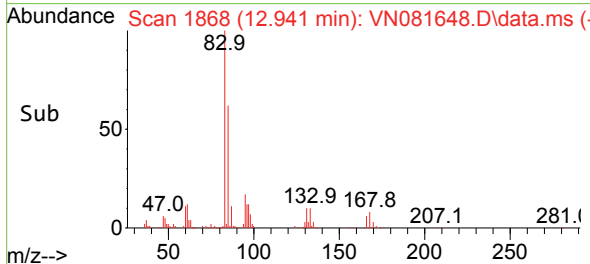
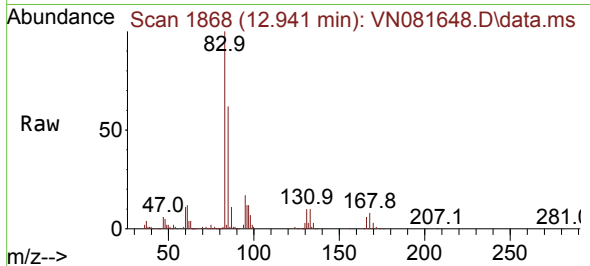




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.896 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

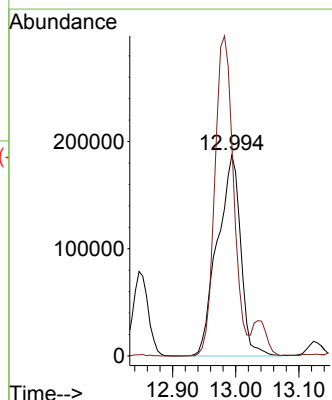
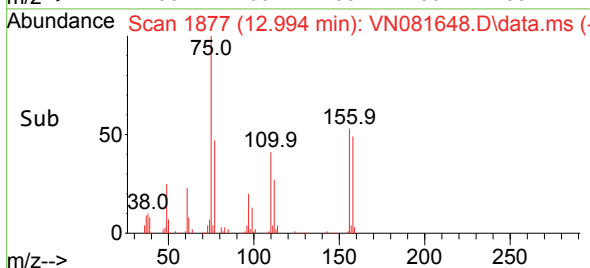
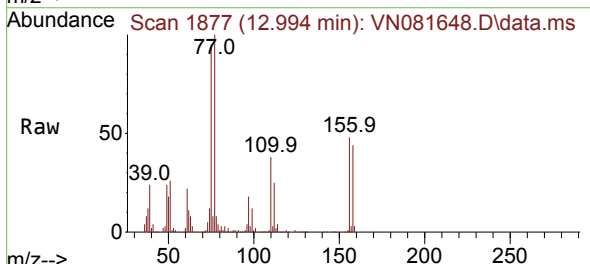
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

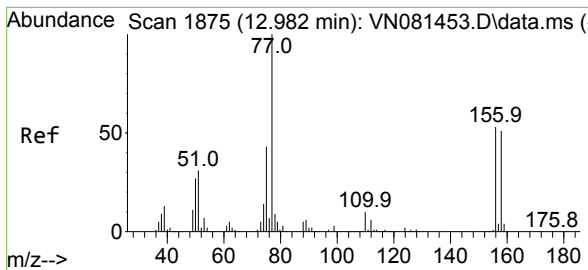
Tgt Ion: 83 Resp: 351918
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.1 12.3
 85 63.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 69.854 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

Tgt Ion: 75 Resp: 479857
 Ion Ratio Lower Upper
 75 100
 77 128.7 91.0 272.8

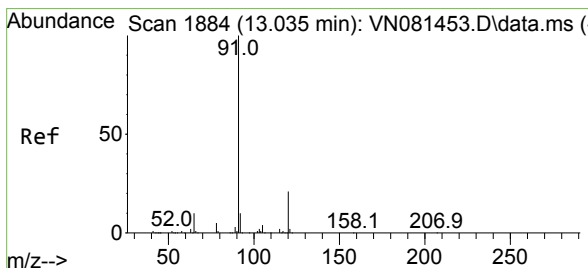
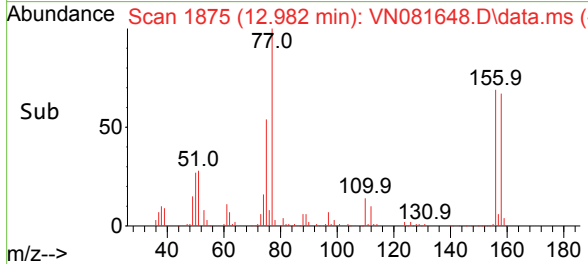
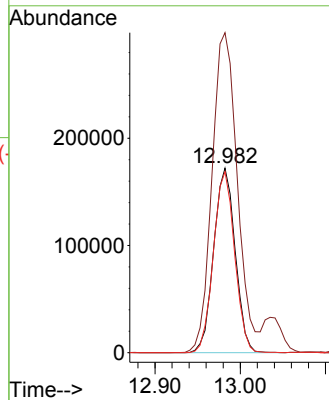
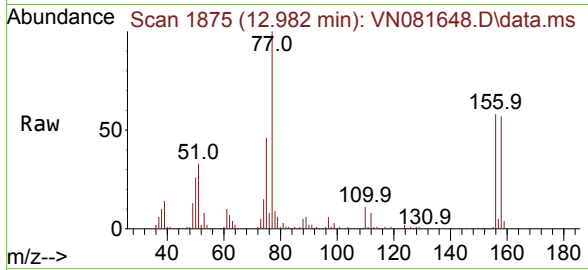




#77
Bromobenzene
Concen: 49.760 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

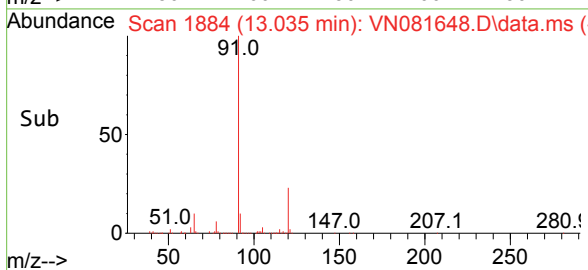
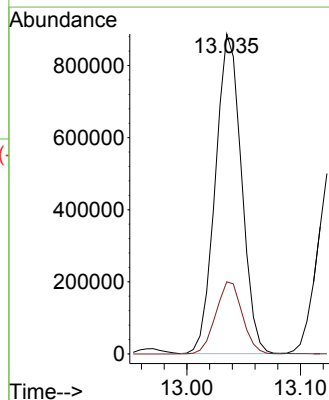
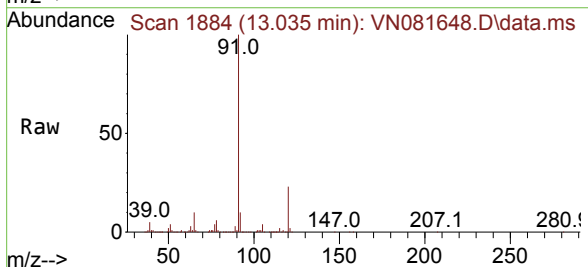
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

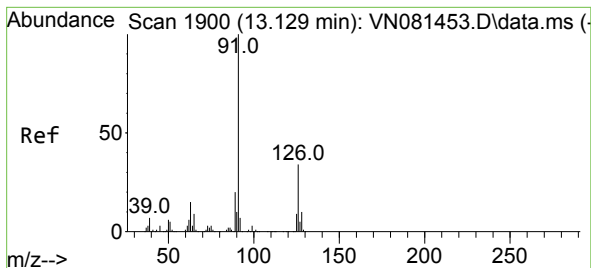
Tgt Ion:156 Resp: 300904
Ion Ratio Lower Upper
156 100
77 205.2 138.1 414.3
158 96.9 46.5 139.5



#78
n-propylbenzene
Concen: 48.923 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 91 Resp: 1414301
Ion Ratio Lower Upper
91 100
120 23.0 10.3 30.9





#79

2-Chlorotoluene

Concen: 49.428 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

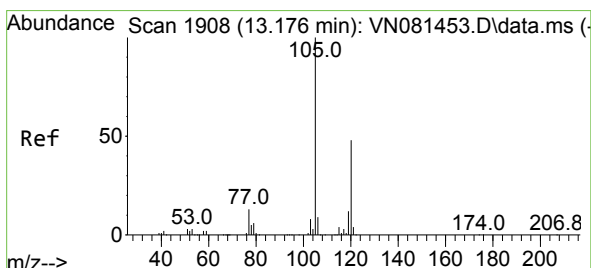
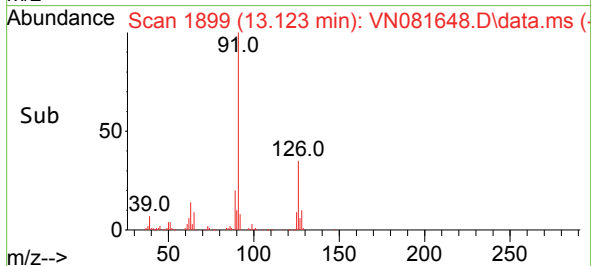
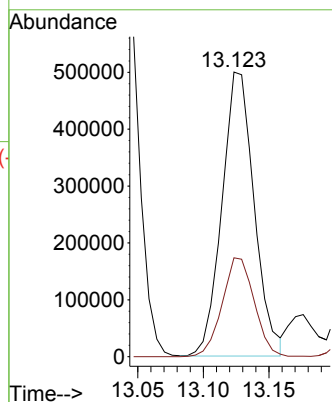
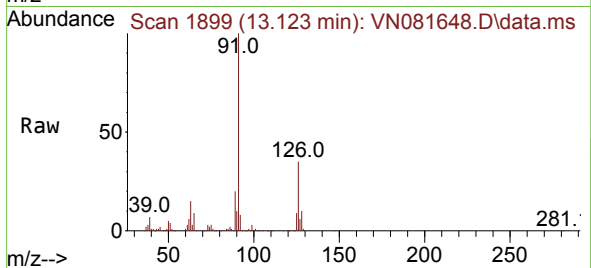
VSTDCCC050

Tgt Ion: 91 Resp: 855208

Ion Ratio Lower Upper

91 100

126 34.6 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 50.492 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081648.D

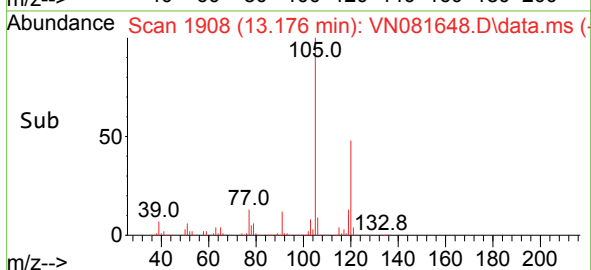
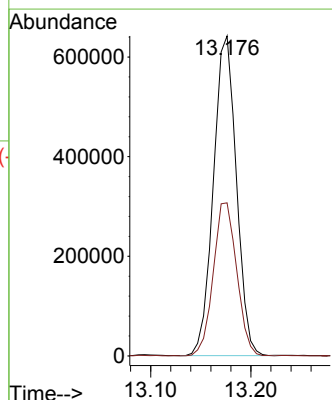
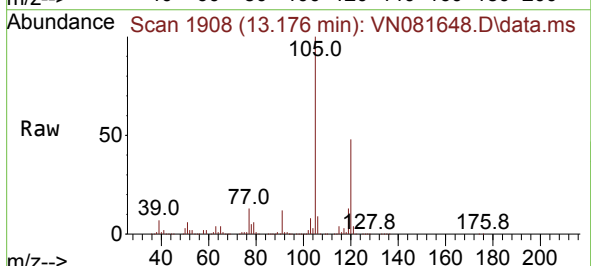
Acq: 02 Apr 2024 10:08

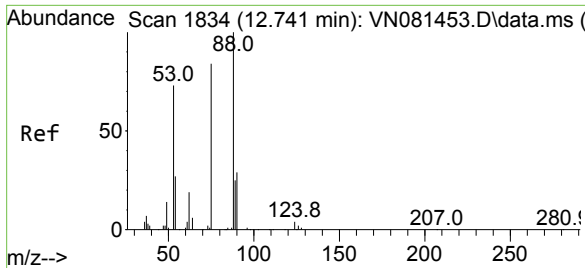
Tgt Ion:105 Resp: 1020890

Ion Ratio Lower Upper

105 100

120 48.9 23.0 69.0

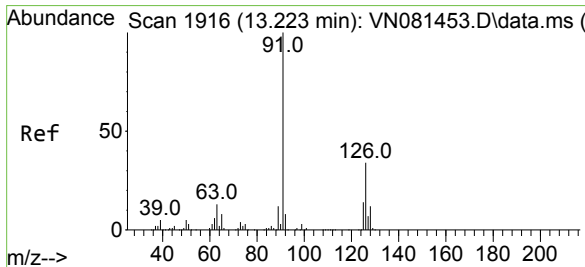
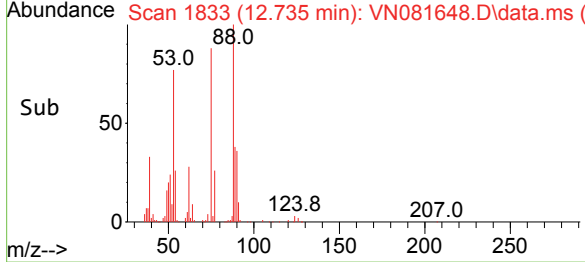
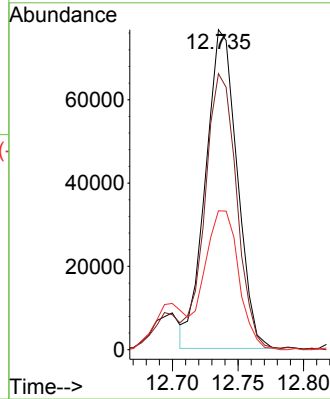
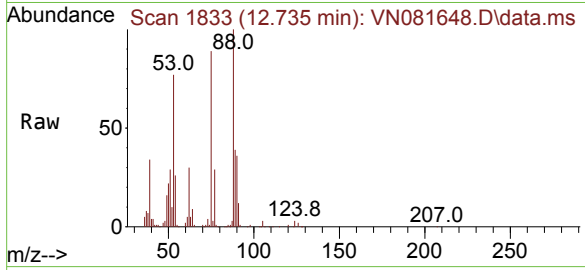




#81
trans-1,4-Dichloro-2-butene
Concen: 50.427 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

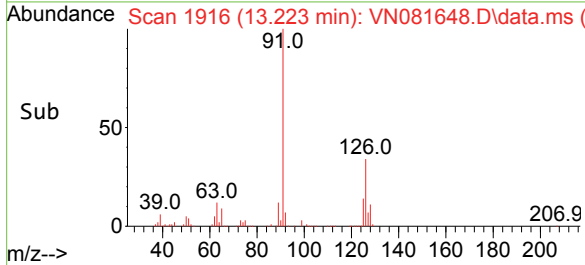
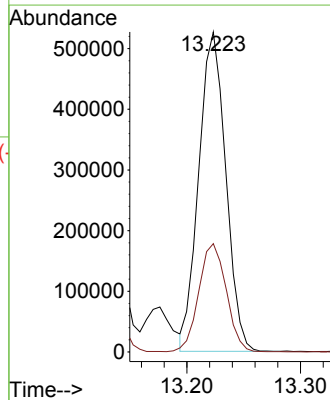
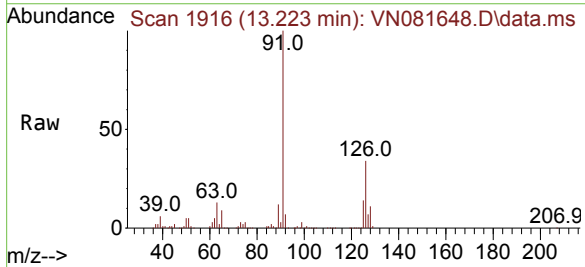
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

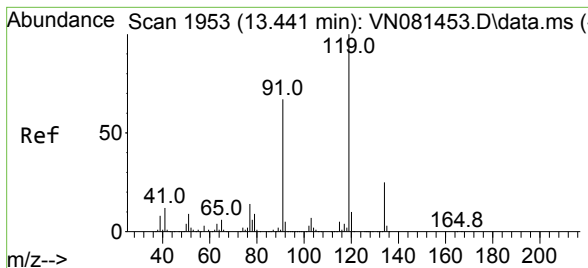
Tgt Ion: 75 Resp: 128188
Ion Ratio Lower Upper
75 100
53 98.1 71.4 107.2
89 46.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 51.002 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion: 91 Resp: 870007
Ion Ratio Lower Upper
91 100
126 34.6 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.515 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

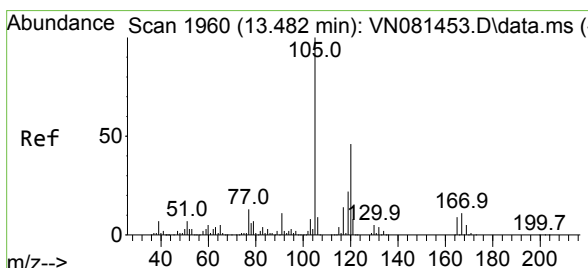
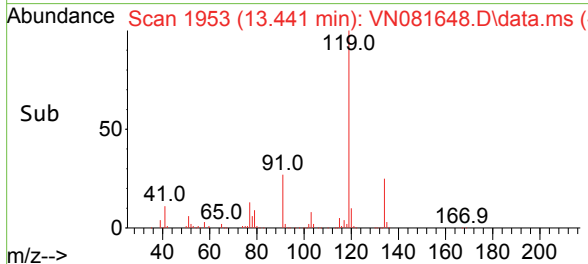
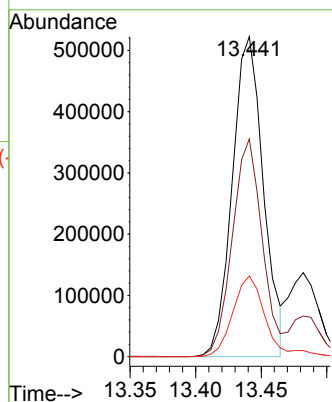
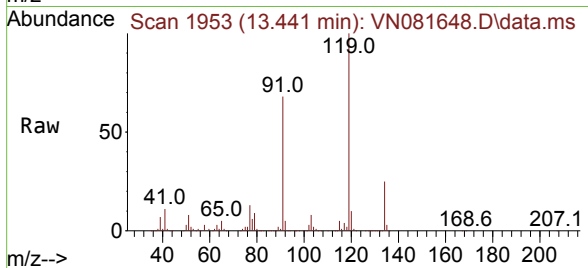
Tgt Ion:119 Resp: 863309

Ion Ratio Lower Upper

119 100

91 65.2 36.8 110.4

134 26.5 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 51.728 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081648.D

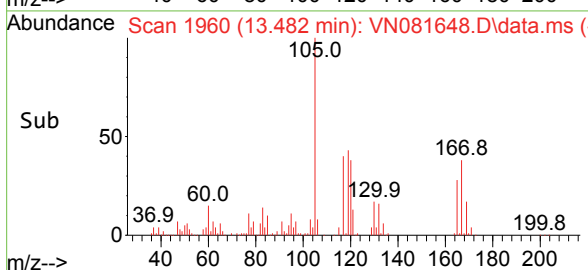
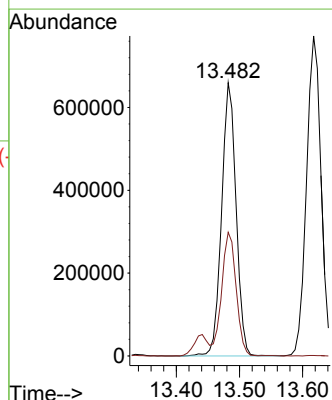
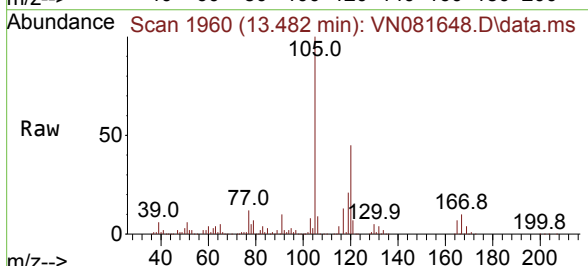
Acq: 02 Apr 2024 10:08

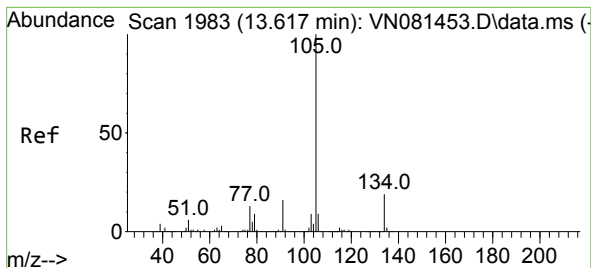
Tgt Ion:105 Resp: 1051168

Ion Ratio Lower Upper

105 100

120 45.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 49.441 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

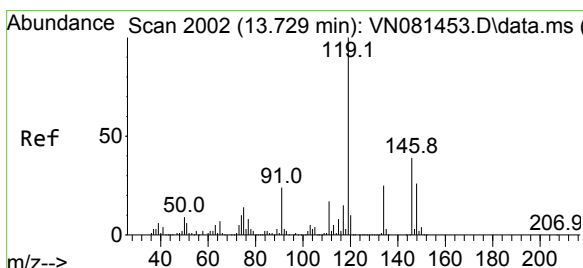
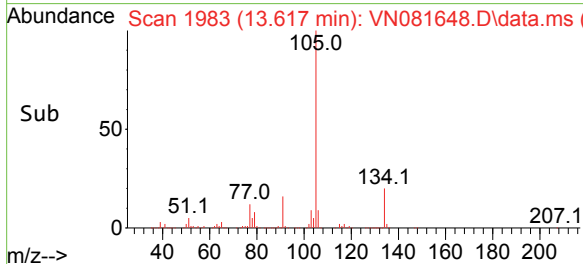
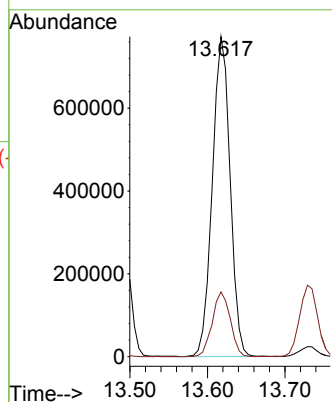
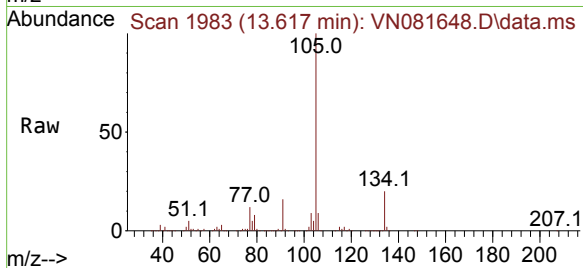
VSTDCCC050

Tgt Ion:105 Resp: 1232295

Ion Ratio Lower Upper

105 100

134 20.5 8.6 25.8



#86

p-Isopropyltoluene

Concen: 52.078 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

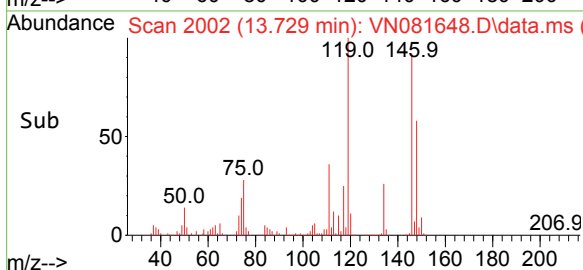
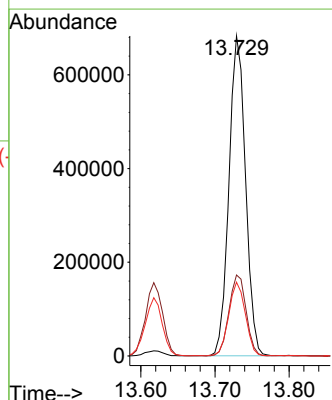
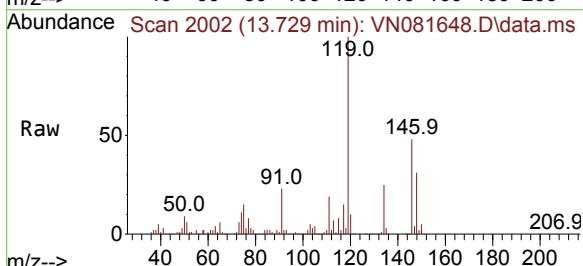
Tgt Ion:119 Resp: 1061044

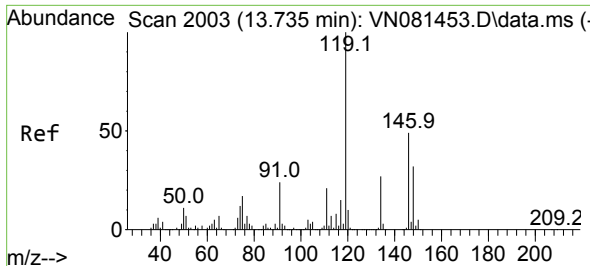
Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.2

91 23.1 13.5 40.4

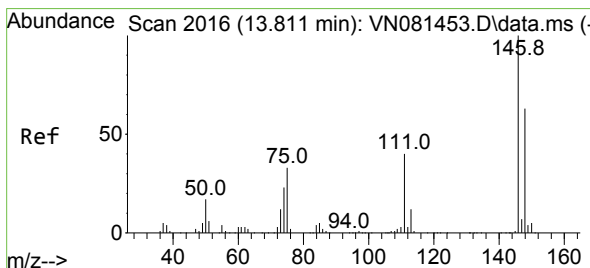
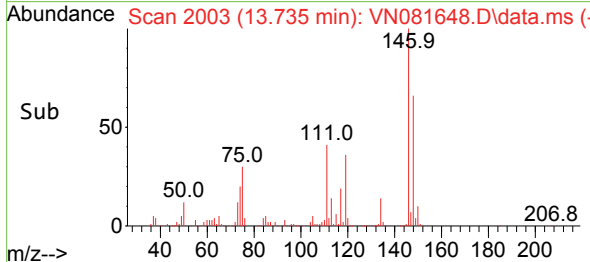
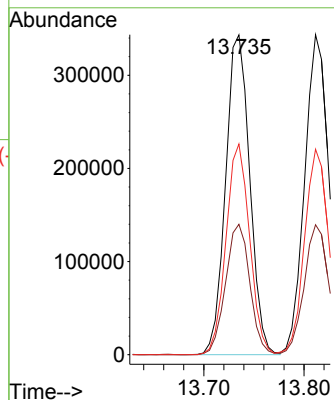
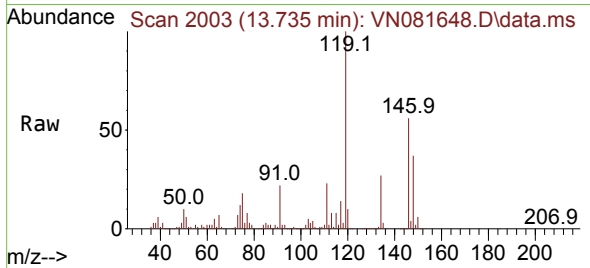




#87
1,3-Dichlorobenzene
Concen: 51.582 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

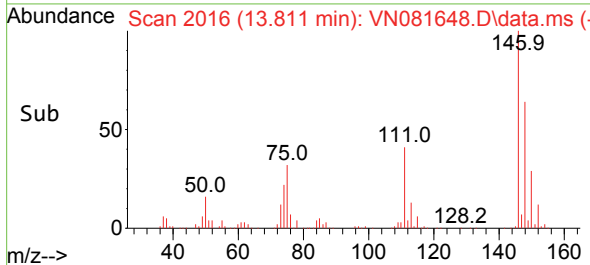
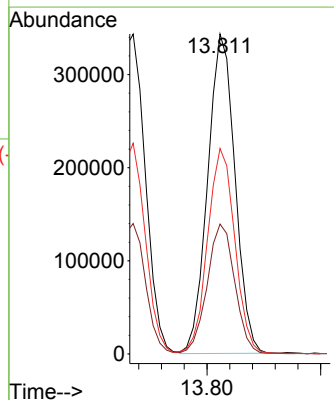
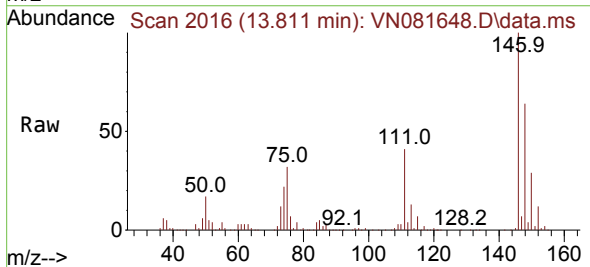
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

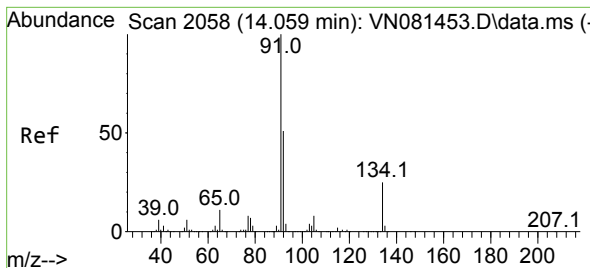
Tgt Ion:146 Resp: 573093
Ion Ratio Lower Upper
146 100
111 41.2 23.9 71.7
148 64.5 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 49.774 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081648.D
Acq: 02 Apr 2024 10:08

Tgt Ion:146 Resp: 572609
Ion Ratio Lower Upper
146 100
111 41.1 22.6 67.7
148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 50.556 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

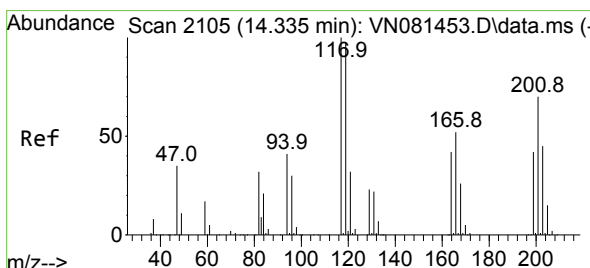
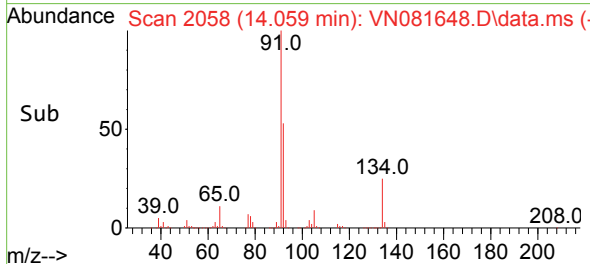
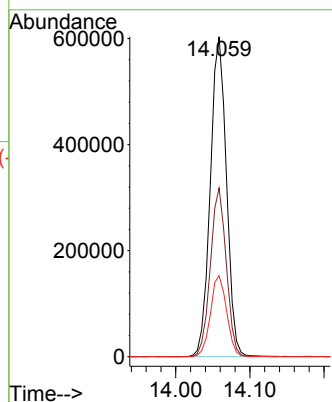
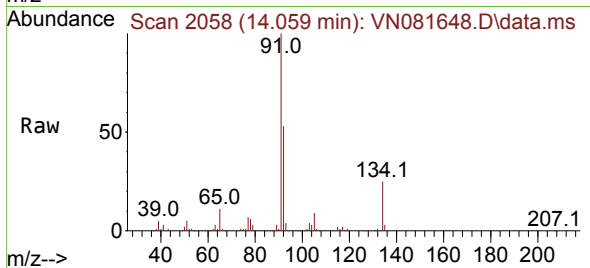
Tgt Ion: 91 Resp: 913368

Ion Ratio Lower Upper

91 100

92 52.0 26.7 80.1

134 25.4 10.8 32.4



#90

Hexachloroethane

Concen: 51.218 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081648.D

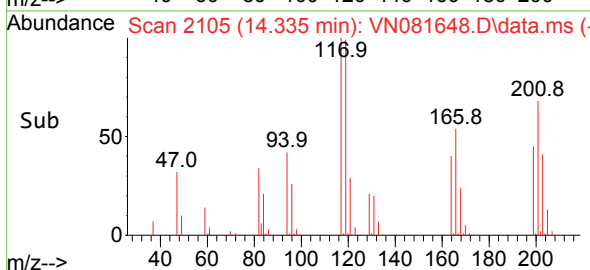
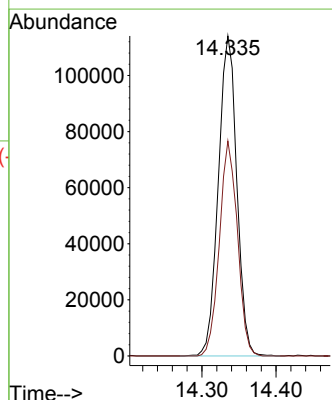
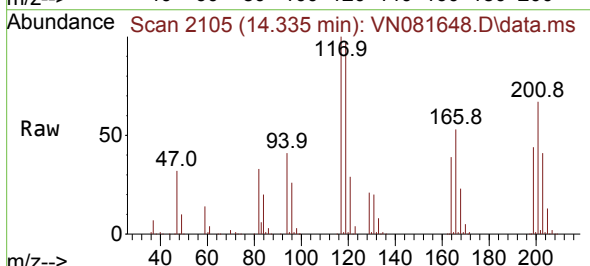
Acq: 02 Apr 2024 10:08

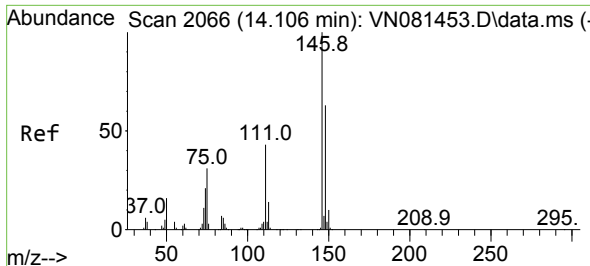
Tgt Ion: 117 Resp: 197627

Ion Ratio Lower Upper

117 100

201 65.4 30.0 90.0

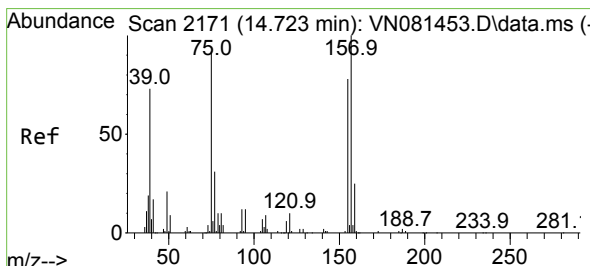
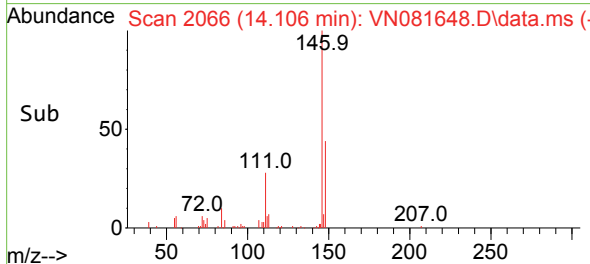
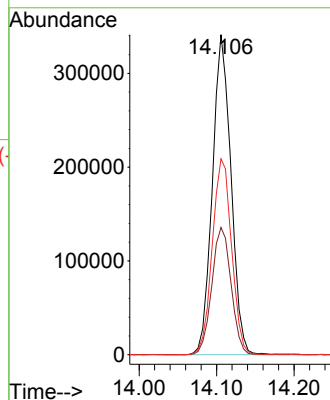
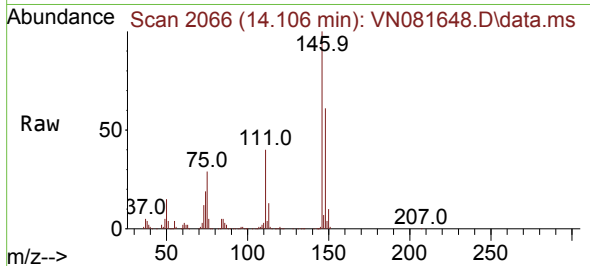




#91
 1,2-Dichlorobenzene
 Concen: 53.324 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

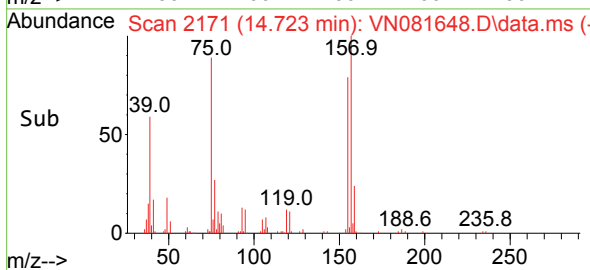
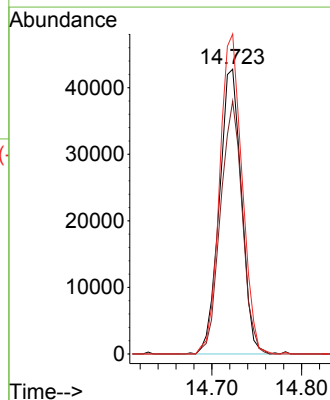
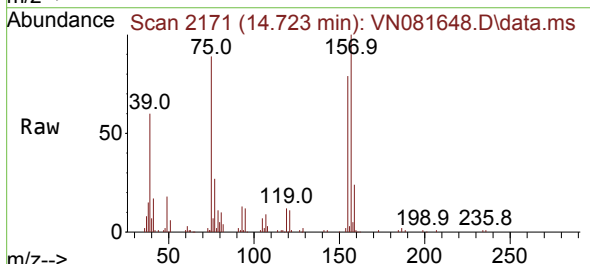
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

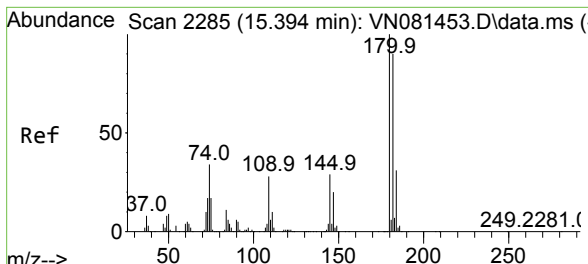
Tgt Ion:146 Resp: 570223
 Ion Ratio Lower Upper
 146 100
 111 41.2 23.9 71.8
 148 63.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.881 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

Tgt Ion: 75 Resp: 73340
 Ion Ratio Lower Upper
 75 100
 155 87.1 31.8 95.4
 157 113.1 41.1 123.4

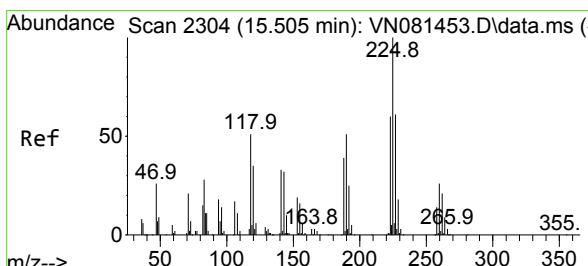
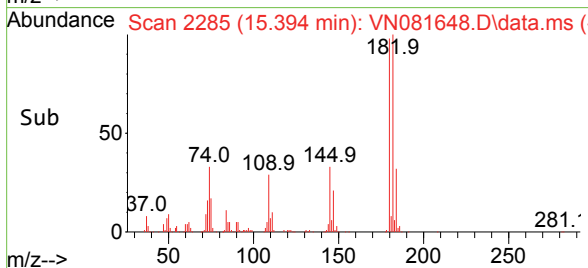
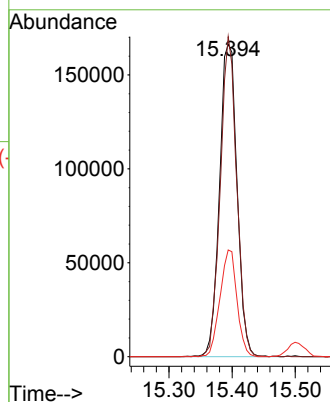
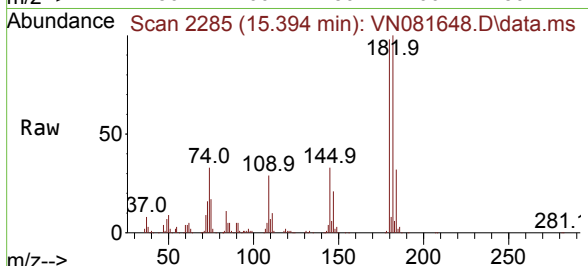




#93
 1,2,4-Trichlorobenzene
 Concen: 51.845 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

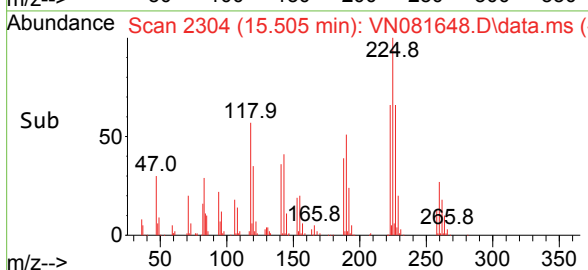
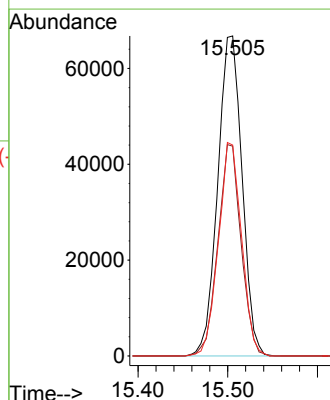
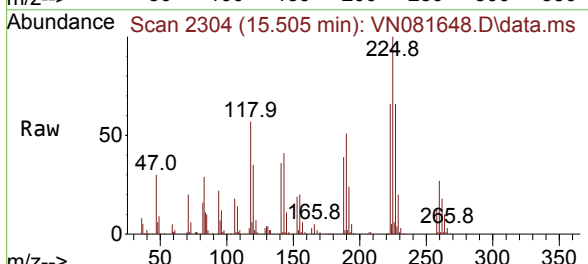
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

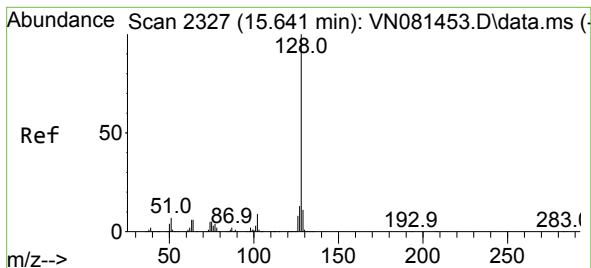
Tgt Ion:	180	Resp:	320561
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.6	139.7
145	33.1	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 46.364 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN081648.D
 Acq: 02 Apr 2024 10:08

Tgt Ion:	225	Resp:	125782
Ion Ratio	Lower	Upper	
225	100		
223	62.7	33.3	99.8
227	63.3	33.1	99.2





#95

Naphthalene

Concen: 55.115 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

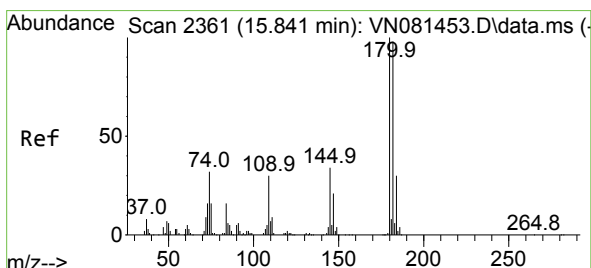
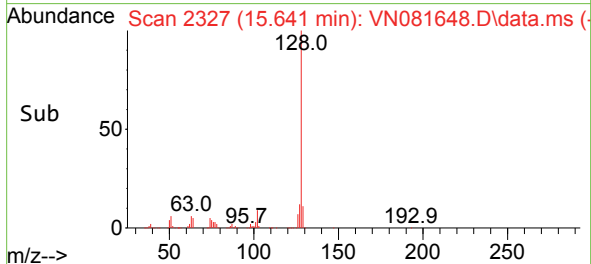
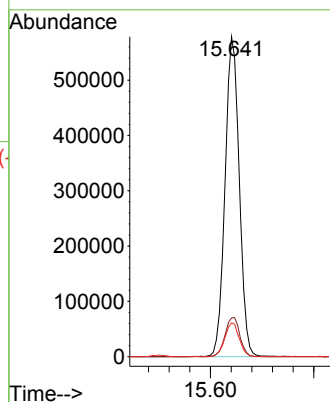
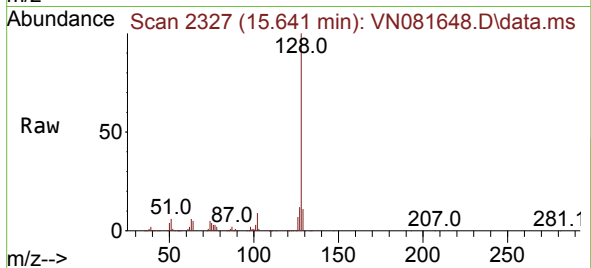
Tgt Ion:128 Resp: 1104236

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.786 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Tgt Ion:180 Resp: 328297

Ion Ratio Lower Upper

180 100

182 94.4 46.5 139.3

145 33.5 17.8 53.4

