

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078533.D
 Acq On : 17 Jul 2023 10:32
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 18 04:18:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	467057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	805887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	727834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	311211	49.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	8.171	113	273074	49.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	10.571	98	1008933	48.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.853	95	322184	50.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	235549	41.134	ug/l	98
3) Chloromethane	2.371	50	310355	49.864	ug/l	97
4) Vinyl Chloride	2.518	62	372708	46.291	ug/l	99
5) Bromomethane	2.948	94	252423	49.519	ug/l	98
6) Chloroethane	3.124	64	244007	50.103	ug/l	96
7) Trichlorofluoromethane	3.501	101	428649	44.537	ug/l	98
8) Diethyl Ether	3.971	74	154795	48.273	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	239624	47.033	ug/l	98
10) Methyl Iodide	4.595	142	336044	47.999	ug/l	97
11) Tert butyl alcohol	5.536	59	230074	238.289	ug/l	100
12) 1,1-Dichloroethene	4.348	96	224483	45.550	ug/l	92
13) Acrolein	4.195	56	217670	229.139	ug/l	96
14) Allyl chloride	5.036	41	334999	49.746	ug/l	94
15) Acrylonitrile	5.724	53	599143	245.599	ug/l	98
16) Acetone	4.442	43	482642	247.455	ug/l	96
17) Carbon Disulfide	4.724	76	587373	41.217	ug/l	97
18) Methyl Acetate	5.030	43	400438	48.499	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	809395	49.846	ug/l	95
20) Methylene Chloride	5.283	84	281454	50.316	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	256491	46.185	ug/l	94
22) Diisopropyl ether	6.683	45	788991	52.324	ug/l	94
23) Vinyl Acetate	6.612	43	2468262	257.480	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	487689	47.998	ug/l	98
25) 2-Butanone	7.489	43	763181	248.574	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	410623	49.411	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	313398	48.781	ug/l	93
28) Bromochloromethane	7.818	49	265903	55.562	ug/l	90
29) Tetrahydrofuran	7.847	42	497548	246.973	ug/l	84
30) Chloroform	7.977	83	528755	49.985	ug/l	92
31) Cyclohexane	8.265	56	375647	44.392	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	457597	48.249	ug/l	99
36) 1,1-Dichloropropene	8.377	75	367947	46.581	ug/l	97
37) Ethyl Acetate	7.565	43	328092	49.826	ug/l #	92
38) Carbon Tetrachloride	8.371	117	407142	47.425	ug/l	97
39) Methylcyclohexane	9.606	83	345611	47.934	ug/l	92
40) Benzene	8.612	78	1128894	48.240	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	169898	50.612	ug/l	92
42) 1,2-Dichloroethane	8.677	62	397985	50.000	ug/l	98
43) Isopropyl Acetate	8.694	43	550049	50.737	ug/l	94
44) Trichloroethene	9.359	130	292954	46.448	ug/l	100
45) 1,2-Dichloropropane	9.630	63	299563	50.542	ug/l	96
46) Dibromomethane	9.712	93	208963	50.092	ug/l	91
47) Bromodichloromethane	9.894	83	426221	50.969	ug/l	99
48) Methyl methacrylate	9.688	41	252263	50.226	ug/l	90
49) 1,4-Dioxane	9.700	88	108861	993.872	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1671373	259.193	ug/l	93
52) Toluene	10.635	92	716637	49.410	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	446659	52.138	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	478005	52.345	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	292629	51.209	ug/l	97
56) Ethyl methacrylate	10.877	69	422671	52.913	ug/l	92
57) 1,3-Dichloropropane	11.171	76	481969	49.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	769999	270.484	ug/l	93
59) 2-Hexanone	11.200	43	1172282	255.793	ug/l	93
60) Dibromochloromethane	11.365	129	324941	51.508	ug/l	100
61) 1,2-Dibromoethane	11.476	107	297084	50.468	ug/l	100
64) Tetrachloroethene	11.106	164	251266	45.918	ug/l	98
65) Chlorobenzene	11.894	112	769041	47.271	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	304058	48.582	ug/l	97
67) Ethyl Benzene	11.971	91	1355265	49.283	ug/l	98
68) m/p-Xylenes	12.076	106	1035380	101.833	ug/l	99
69) o-Xylene	12.406	106	498834	48.574	ug/l	96
70) Styrene	12.418	104	827277	51.491	ug/l	98
71) Bromoform	12.582	173	220077	51.921	ug/l #	99
73) Isopropylbenzene	12.700	105	1253491	44.119	ug/l	99
74) N-amyl acetate	12.500	43	432827	44.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	403814	50.946	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	496383	67.918	ug/l	70
77) Bromobenzene	12.982	156	303152	49.035	ug/l	97
78) n-propylbenzene	13.041	91	1437048	47.295	ug/l	99
79) 2-Chlorotoluene	13.129	91	868906	43.658	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1035403	46.123	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	127503	45.844	ug/l	92
82) 4-Chlorotoluene	13.229	91	852833	45.934	ug/l	97
83) tert-Butylbenzene	13.441	119	860031	45.124	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1020956	46.822	ug/l	98
85) sec-Butylbenzene	13.623	105	1112023	46.160	ug/l	99
86) p-Isopropyltoluene	13.735	119	915410	47.323	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	517272	47.425	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	506926	46.142	ug/l	98
89) n-Butylbenzene	14.059	91	712083	51.448	ug/l	97
90) Hexachloroethane	14.335	117	179695	50.550	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	508023	46.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66638	48.952	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	167923	48.473	ug/l	97
94) Hexachlorobutadiene	15.506	225	95177	53.389	ug/l	99
95) Naphthalene	15.647	128	509555	43.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	187922	47.177	ug/l	97

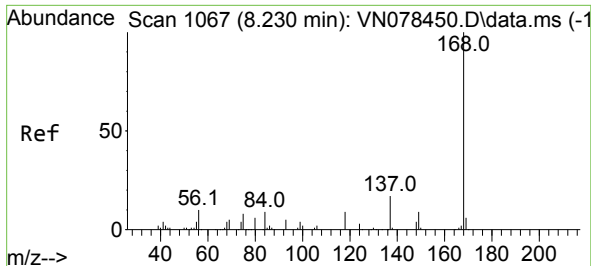
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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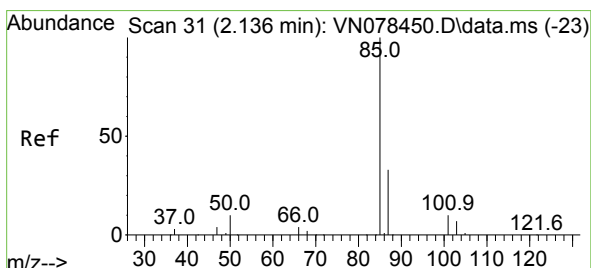
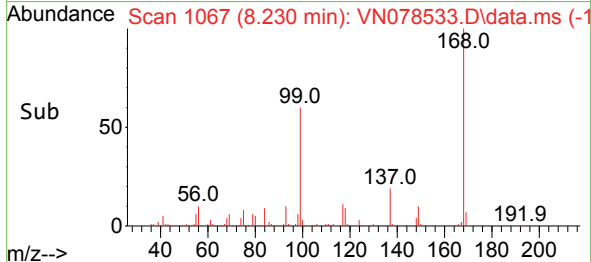
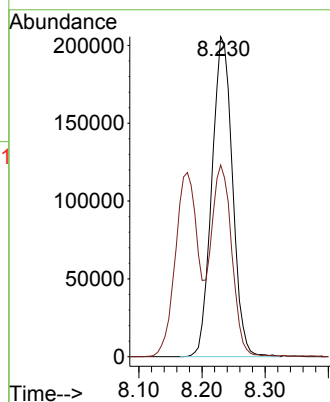
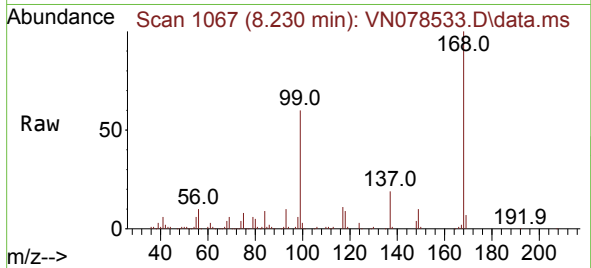
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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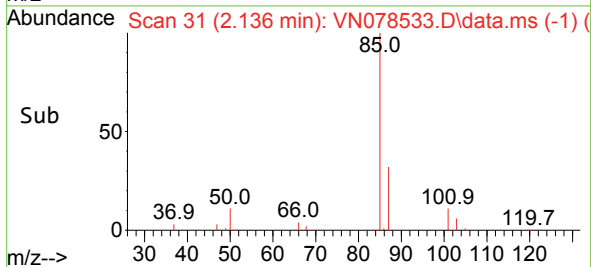
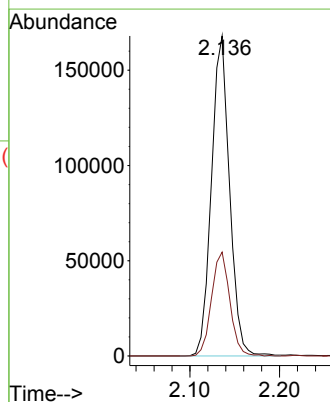
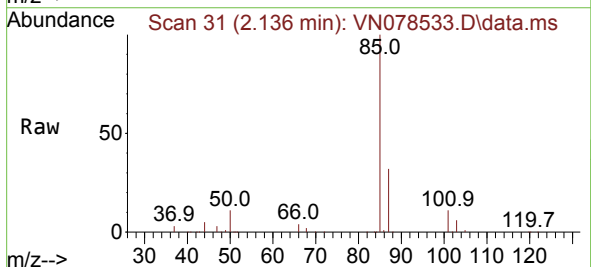
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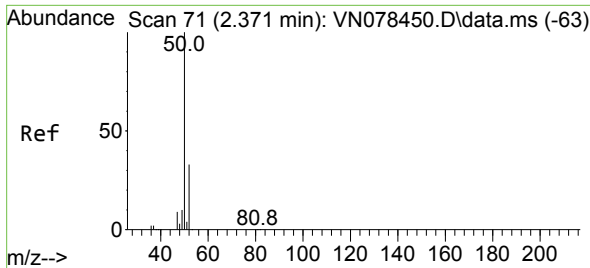
Tgt Ion:168 Resp: 467057
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 41.134 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 85 Resp: 235549
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4

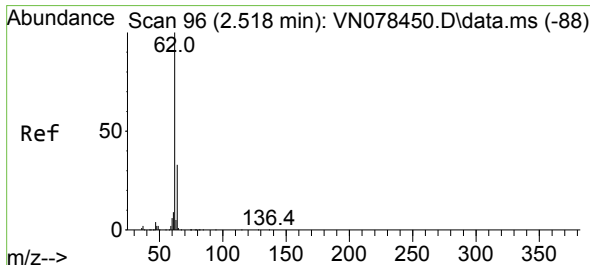
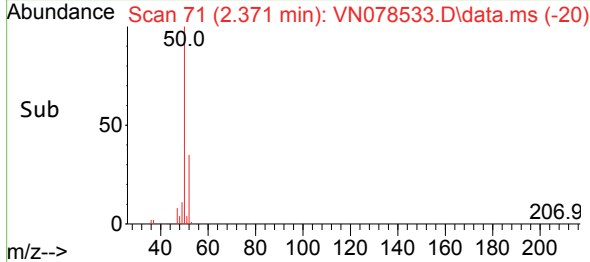
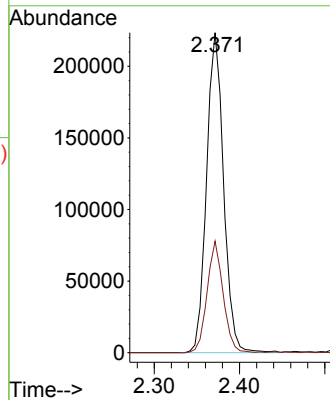
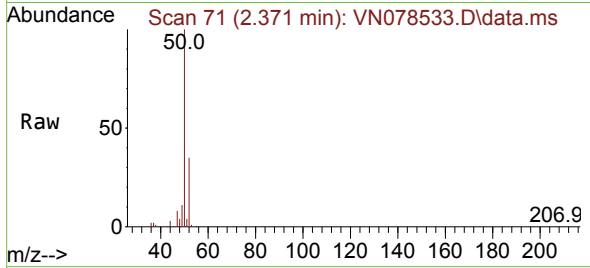




#3
Chloromethane
Concen: 49.864 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

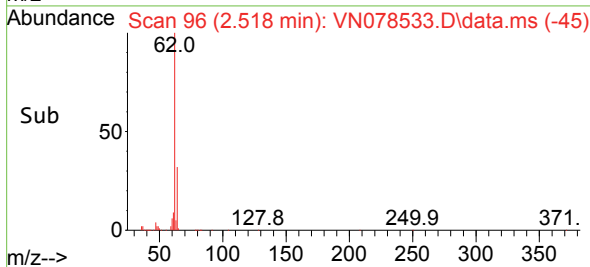
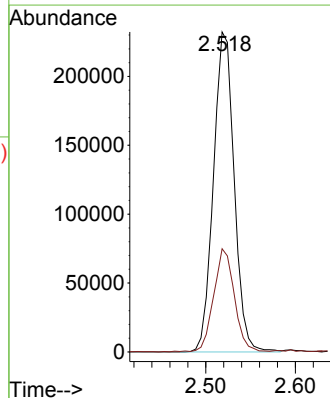
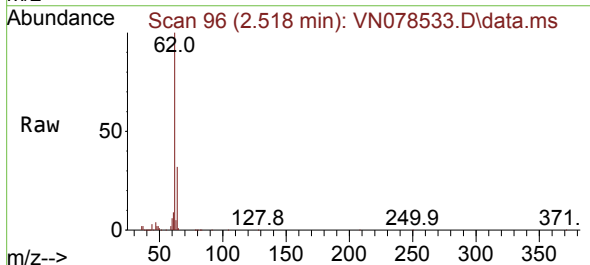
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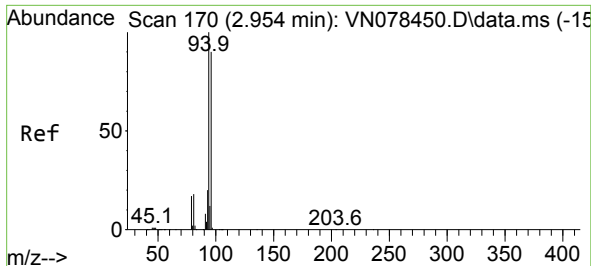
Tgt Ion: 50 Resp: 310355
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 46.291 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 62 Resp: 372708
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2

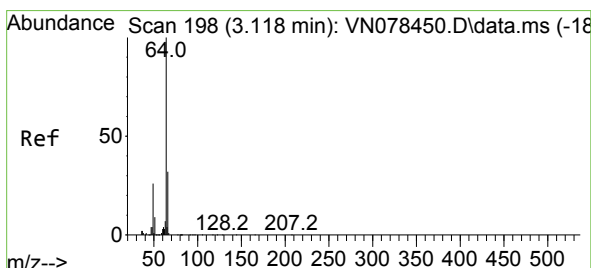
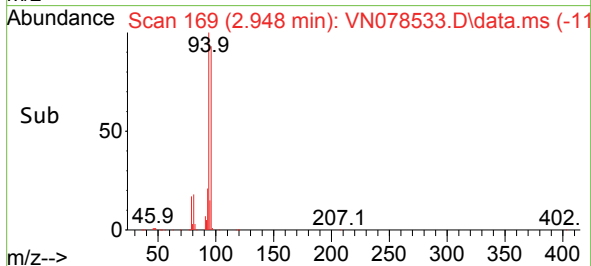
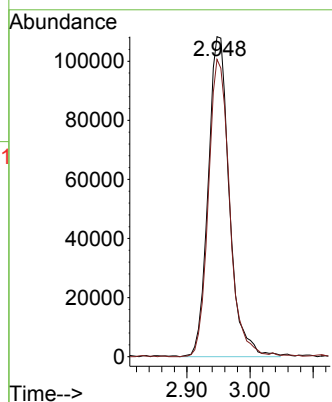
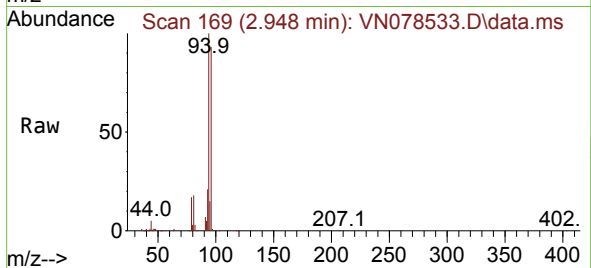




#5
Bromomethane
Concen: 49.519 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

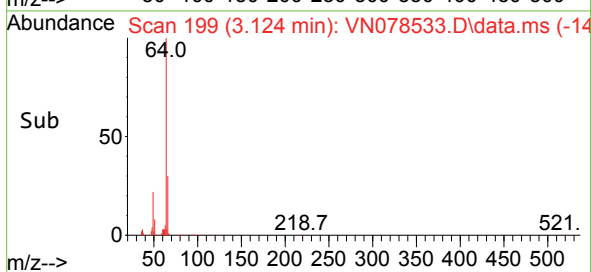
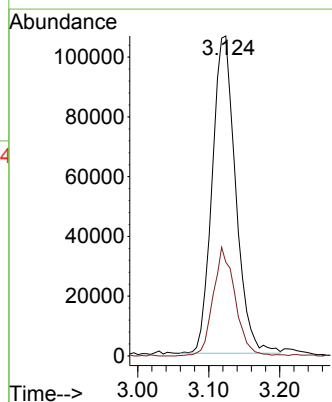
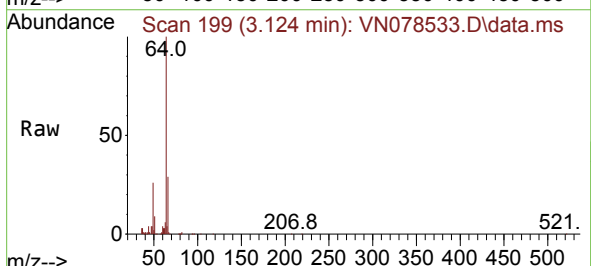
Instrument :
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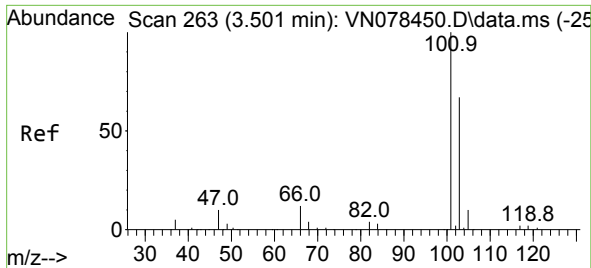
Tgt Ion: 94 Resp: 252423
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7



#6
Chloroethane
Concen: 50.103 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 64 Resp: 244007
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2

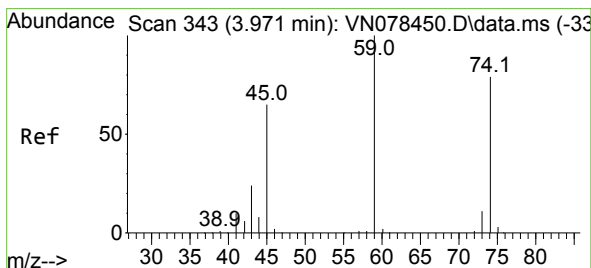
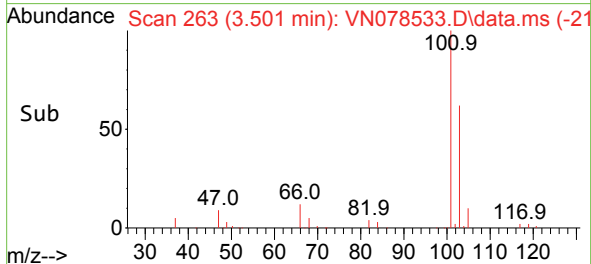
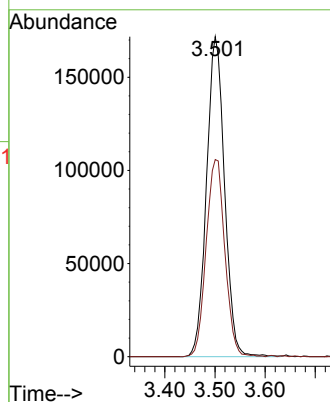
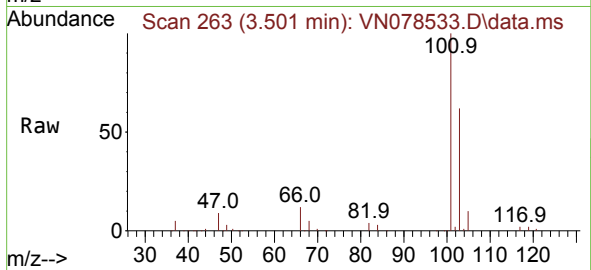




#7
 Trichlorofluoromethane
 Concen: 44.537 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

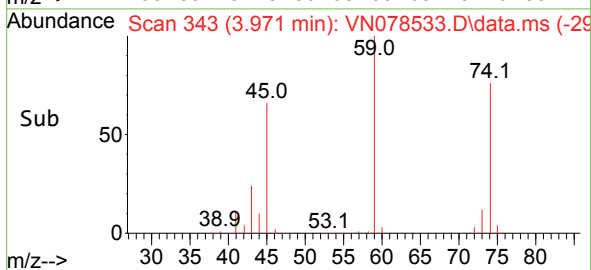
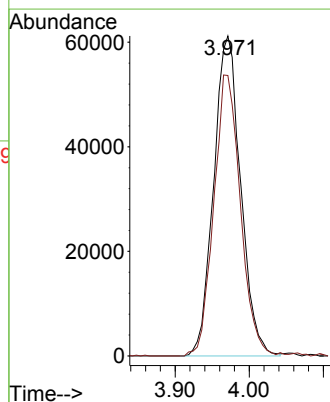
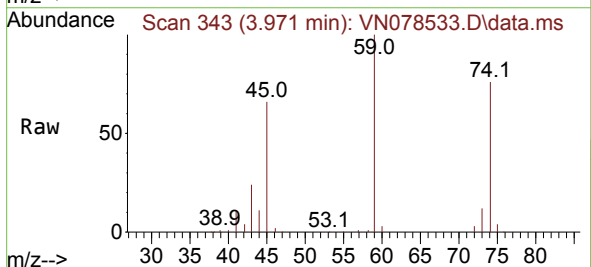
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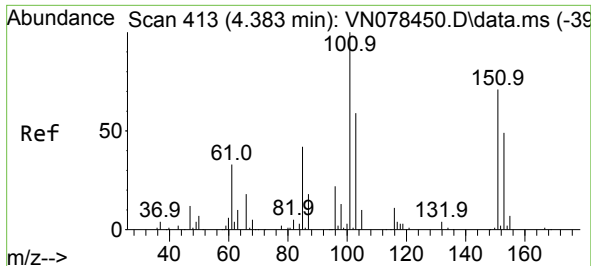
Tgt Ion:101 Resp: 428649
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 48.273 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

Tgt Ion: 74 Resp: 154795
 Ion Ratio Lower Upper
 74 100
 45 86.5 34.4 103.3

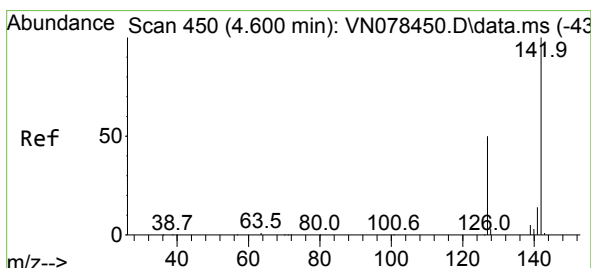
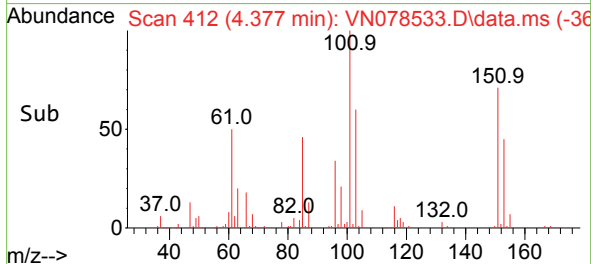
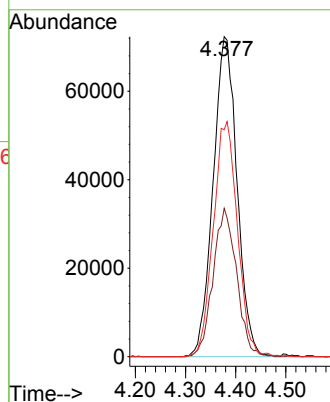
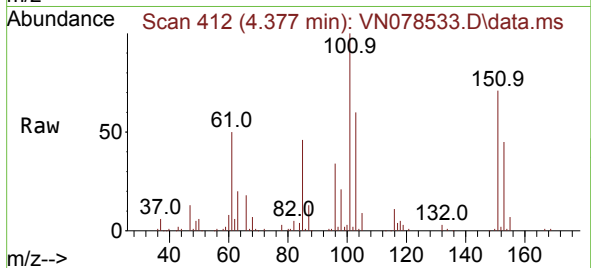




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.033 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
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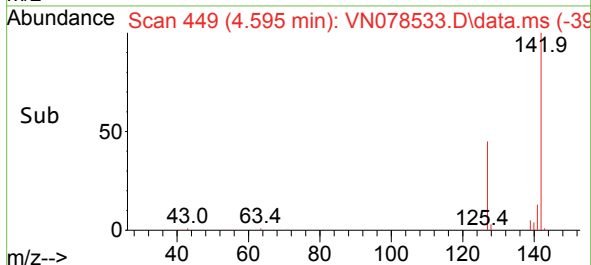
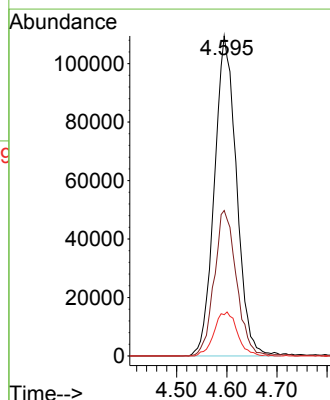
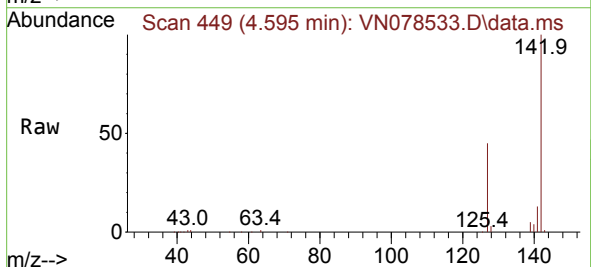
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ClientSampleId :
VSTDCCC050

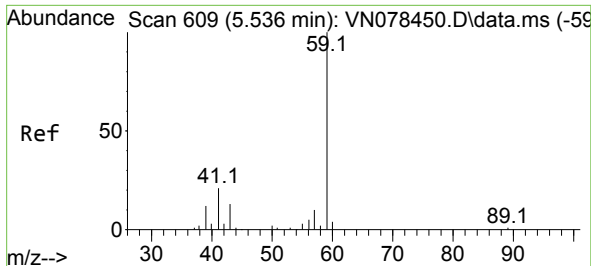
Tgt Ion:101 Resp: 239624
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 74.4 57.6 86.4



#10
Methyl Iodide
Concen: 47.999 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:142 Resp: 336044
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 12.9 11.4 17.0

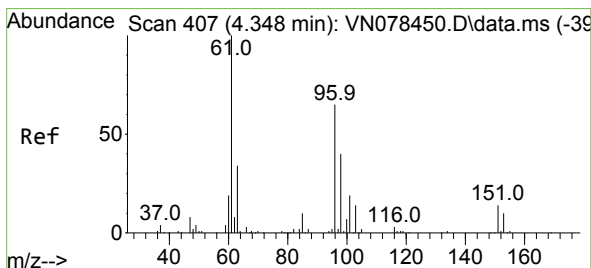
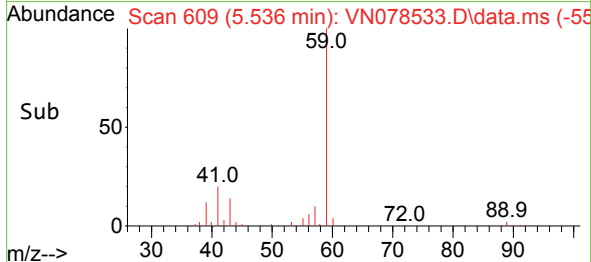
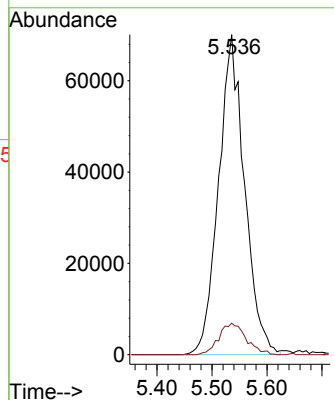
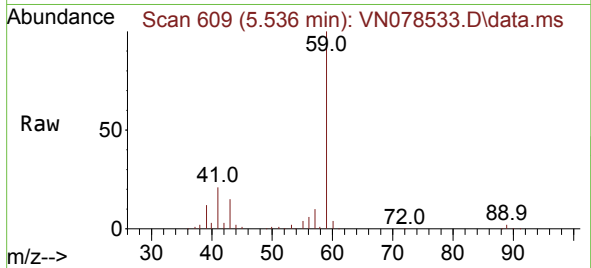




#11
Tert butyl alcohol
Concen: 238.289 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

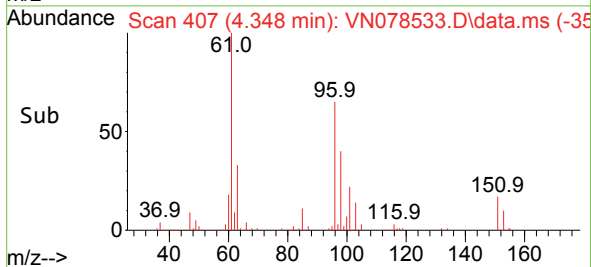
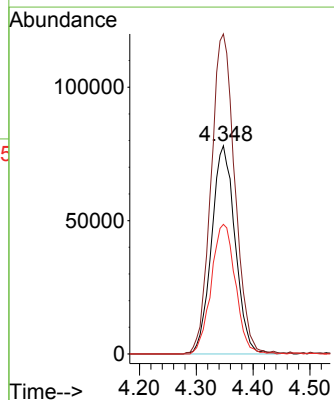
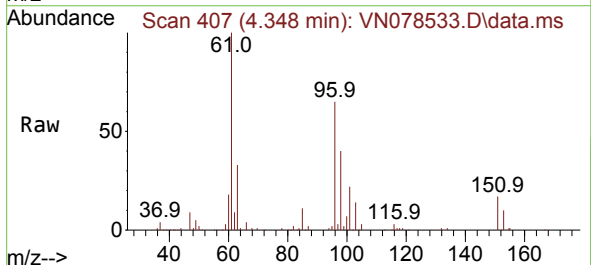
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

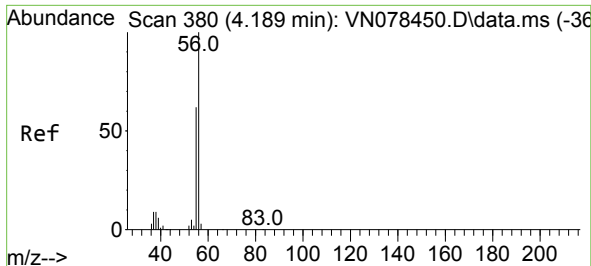
Tgt Ion: 59 Resp: 230074
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.550 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 96 Resp: 224483
Ion Ratio Lower Upper
96 100
61 153.7 112.7 169.1
98 62.2 51.2 76.8





#13

Acrolein

Concen: 229.139 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

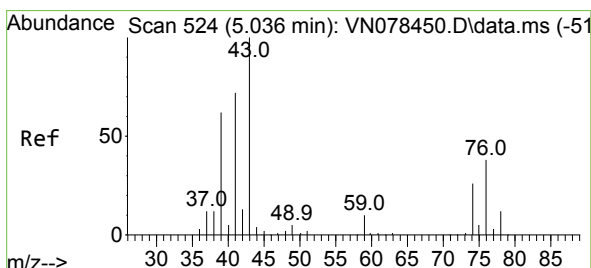
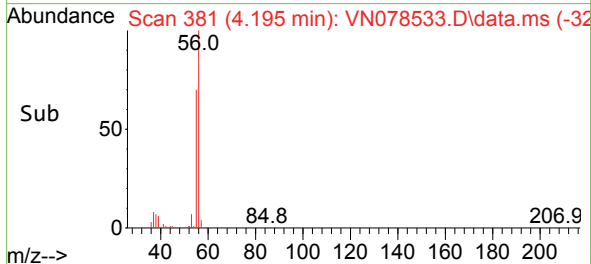
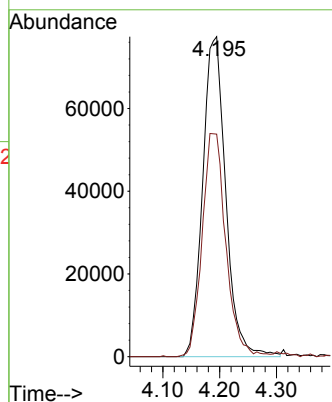
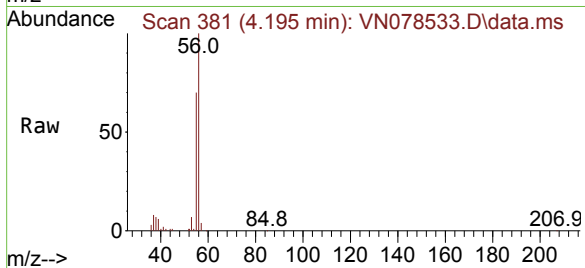
VSTDCCC050

Tgt Ion: 56 Resp: 217670

Ion Ratio Lower Upper

56 100

55 71.5 54.5 81.7



#14

Allyl chloride

Concen: 49.746 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

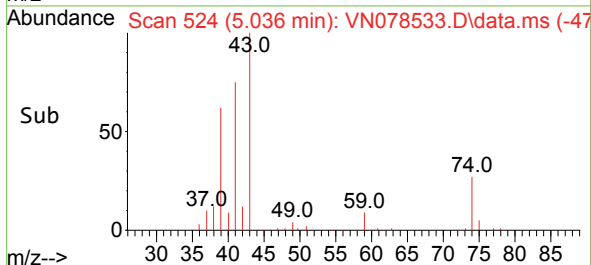
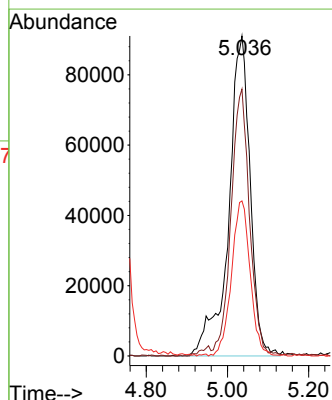
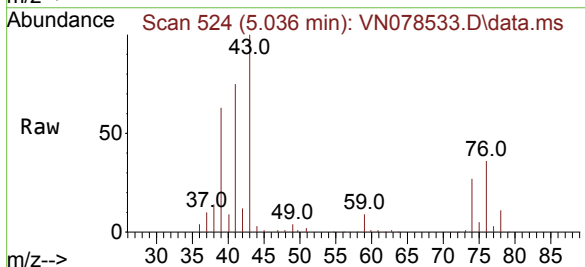
Tgt Ion: 41 Resp: 334999

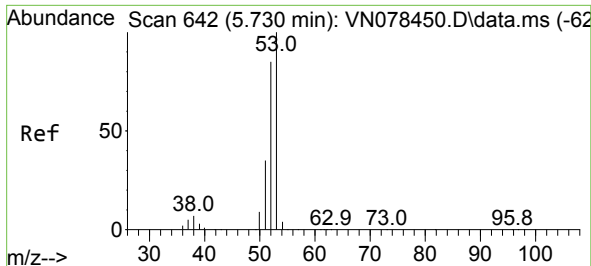
Ion Ratio Lower Upper

41 100

39 71.2 58.8 88.2

76 42.1 39.1 58.7

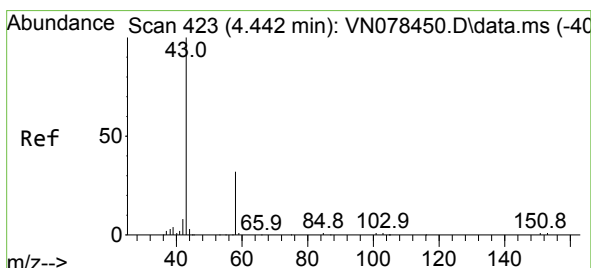
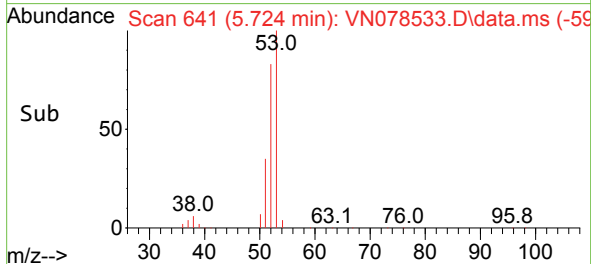
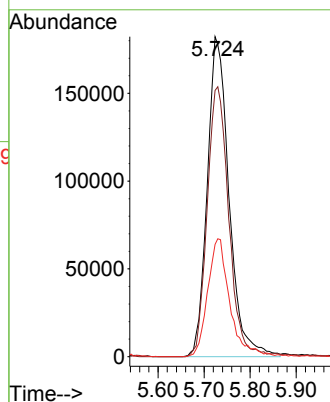
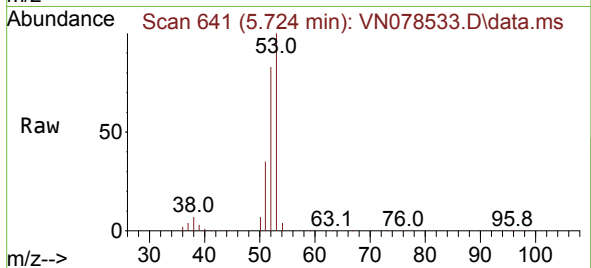




#15
Acrylonitrile
Concen: 245.599 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

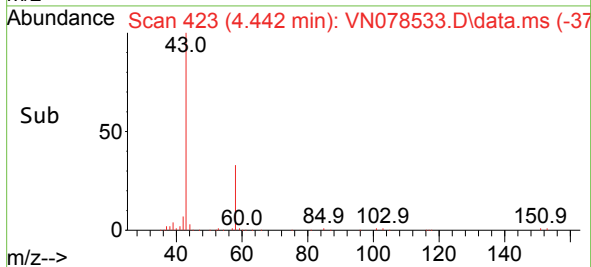
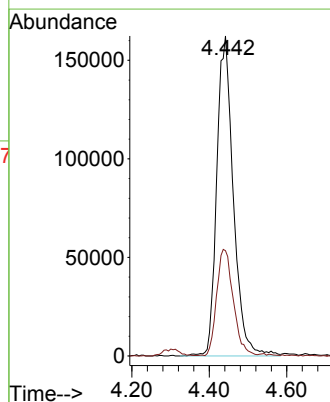
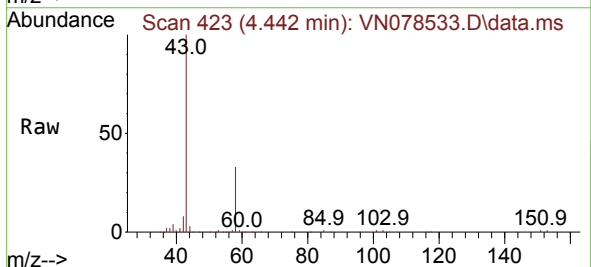
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

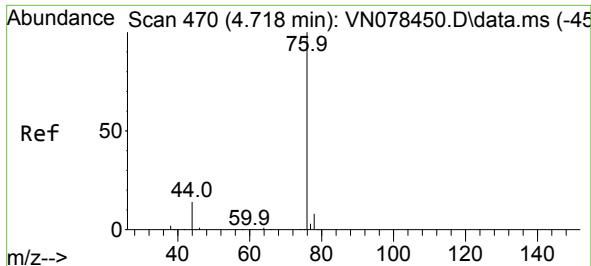
Tgt Ion: 53 Resp: 599143
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 247.455 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 43 Resp: 482642
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

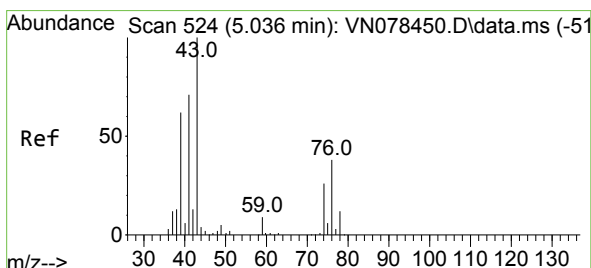
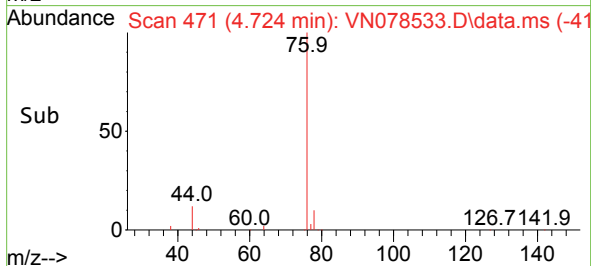
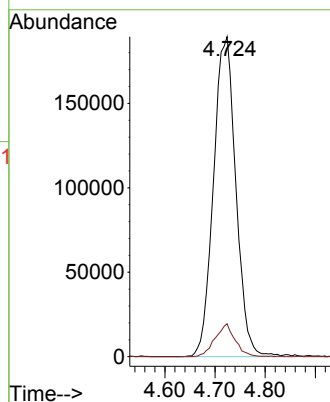
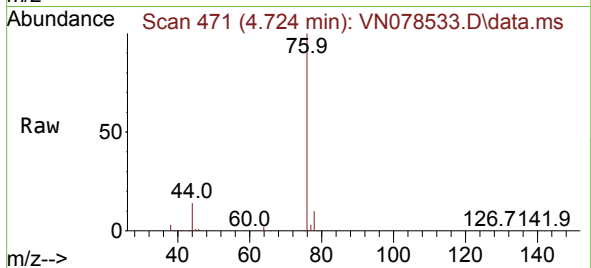




#17
Carbon Disulfide
Concen: 41.217 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

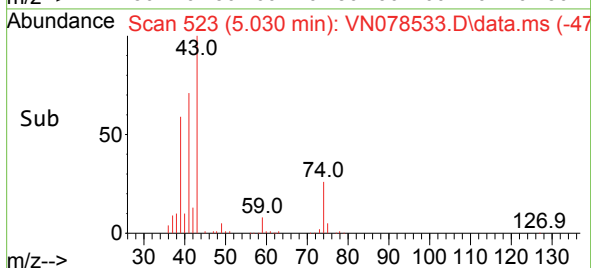
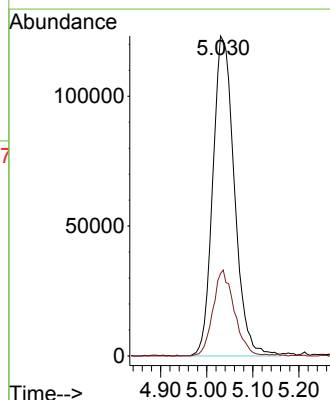
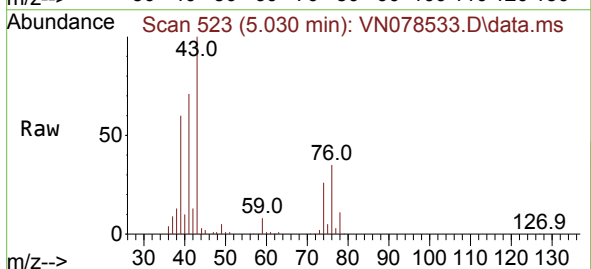
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

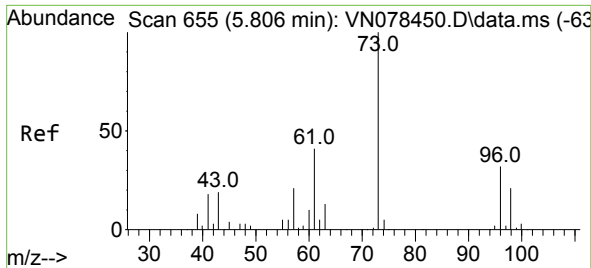
Tgt Ion: 76 Resp: 587373
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 48.499 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 43 Resp: 400438
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

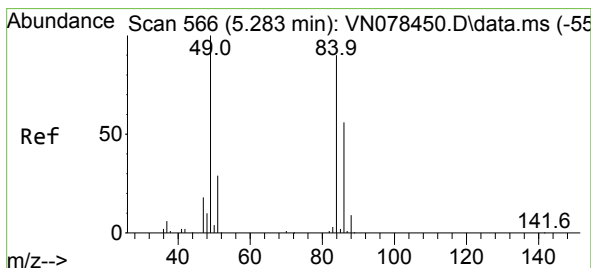
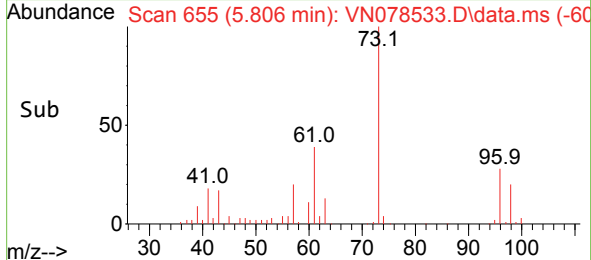
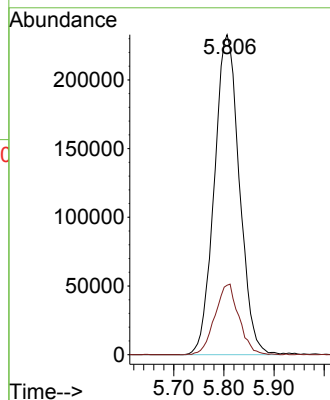
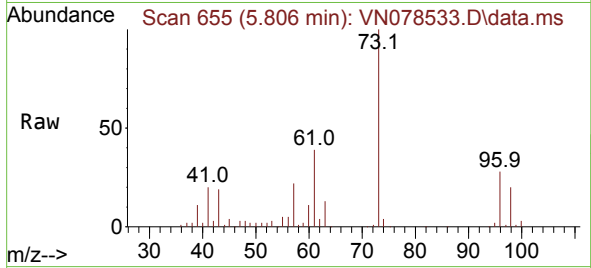




#19
Methyl tert-butyl Ether
Concen: 49.846 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

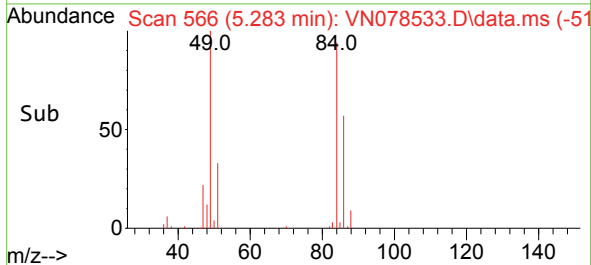
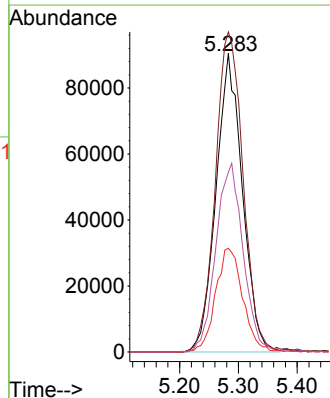
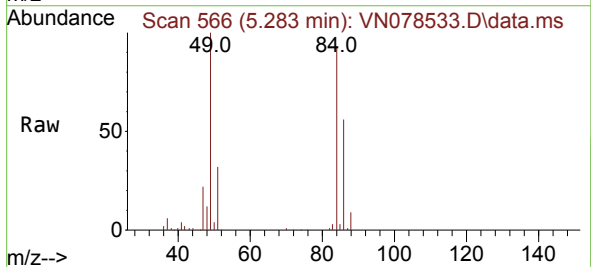
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

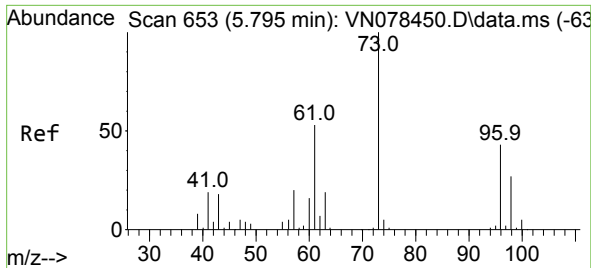
Tgt Ion: 73 Resp: 809395
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4



#20
Methylene Chloride
Concen: 50.316 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 84 Resp: 281454
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 34.7 25.2 37.8
86 59.9 53.3 79.9

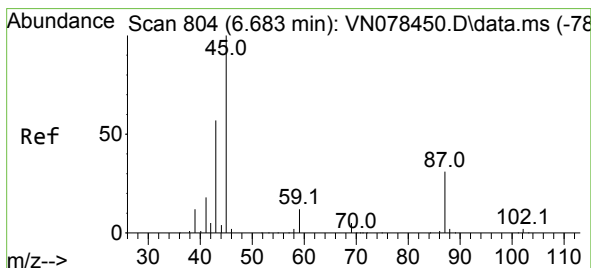
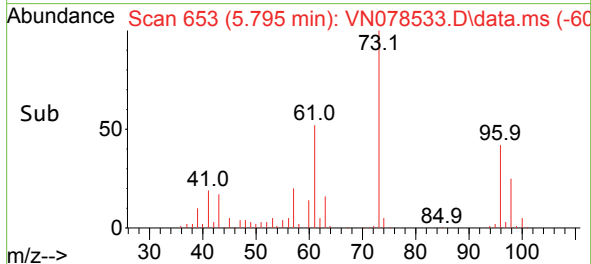
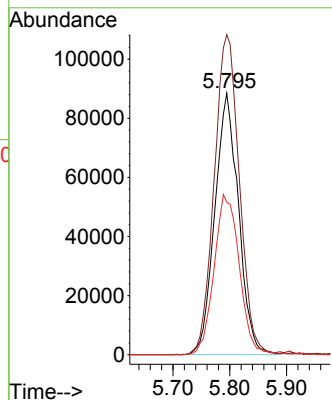
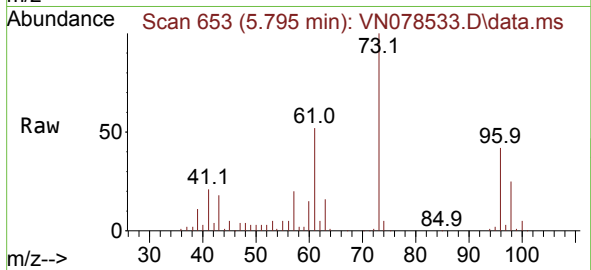




#21
trans-1,2-Dichloroethene
Concen: 46.185 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

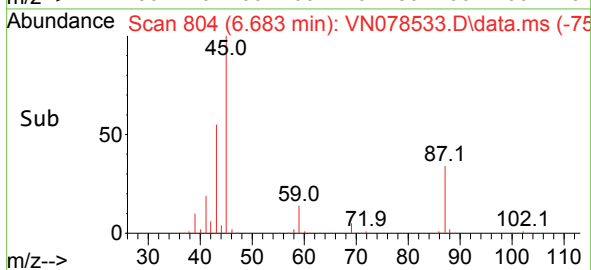
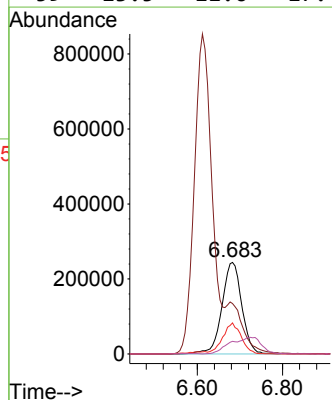
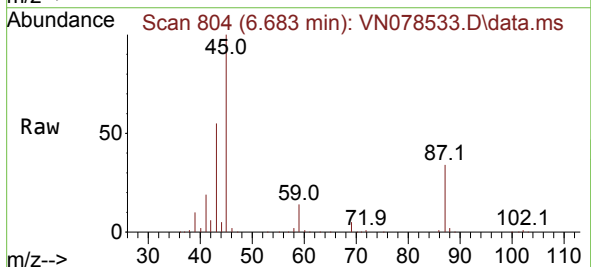
Instrument :
MSVOA_N
ClientSampleId :
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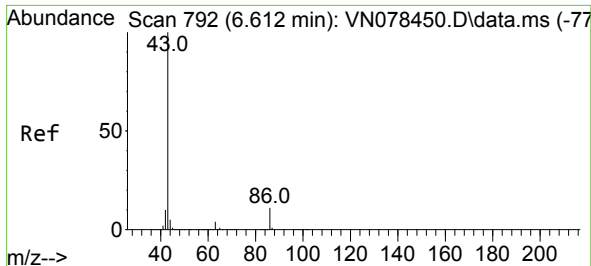
Tgt Ion: 96 Resp: 256491
Ion Ratio Lower Upper
96 100
61 122.4 90.1 135.1
98 58.3 46.4 69.6



#22
Diisopropyl ether
Concen: 52.324 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 45 Resp: 788991
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 33.8 31.8 47.8
59 13.5 11.6 17.4

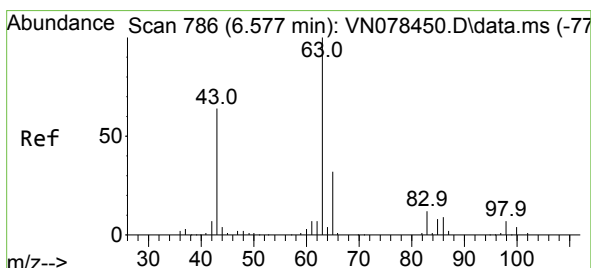
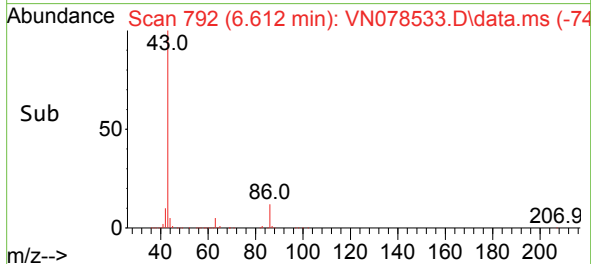
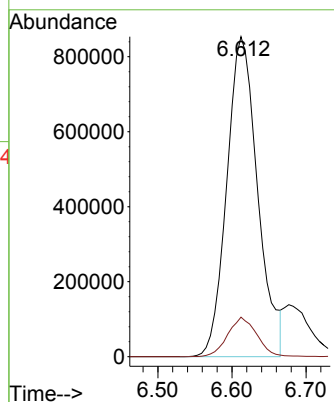
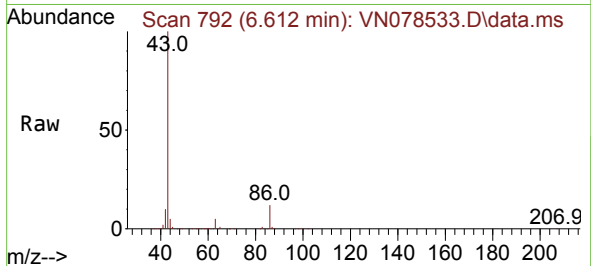




#23
 Vinyl Acetate
 Concen: 257.480 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

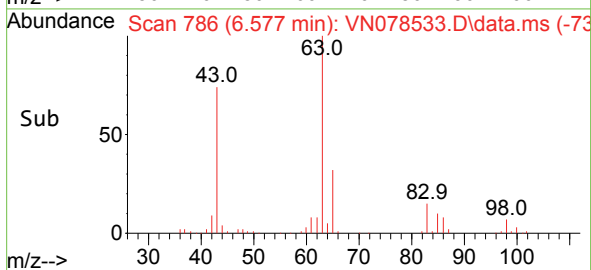
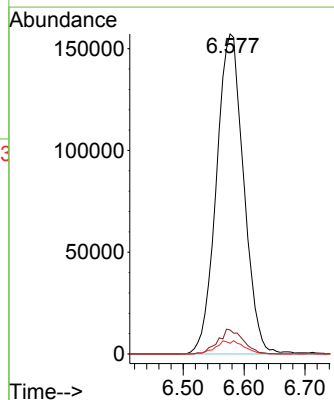
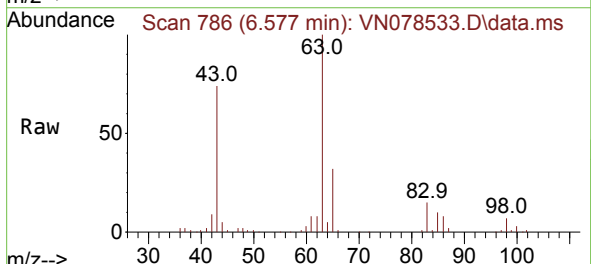
Instrument :
 MSVOA_N
 ClientSampleId :
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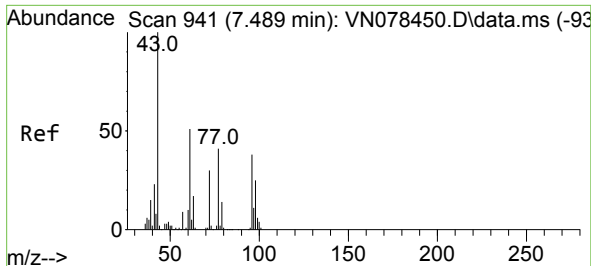
Tgt Ion: 43 Resp: 2468262
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.998 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

Tgt Ion: 63 Resp: 487689
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 3.3 2.5 7.4

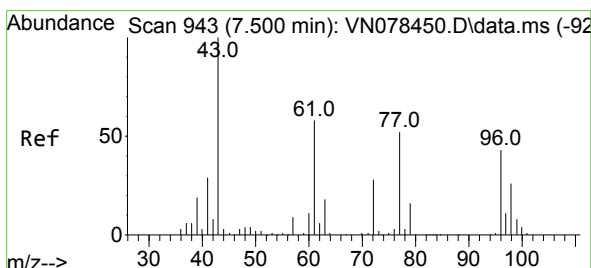
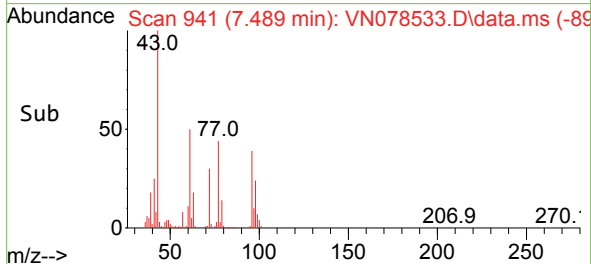
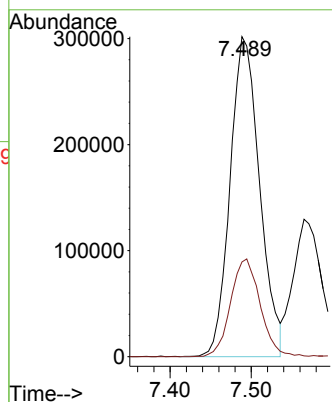
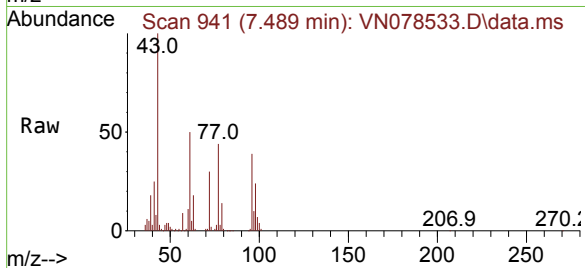




#25
2-Butanone
Concen: 248.574 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

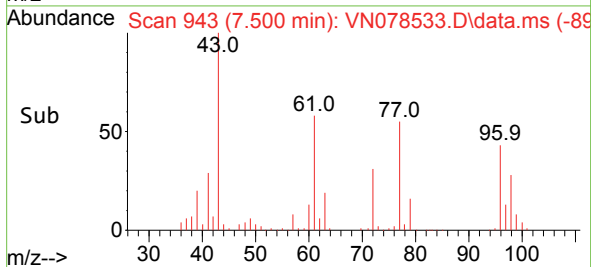
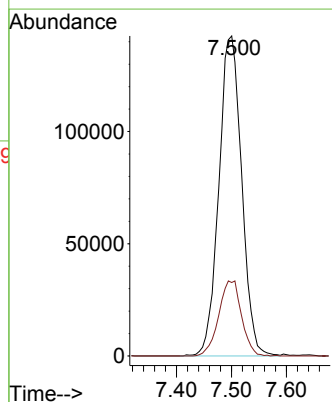
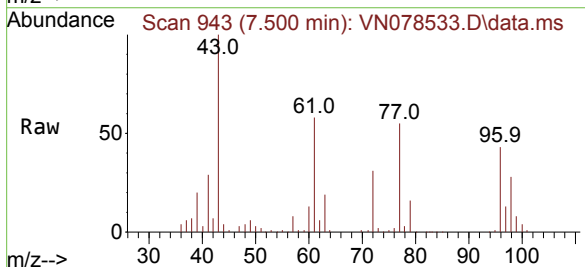
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

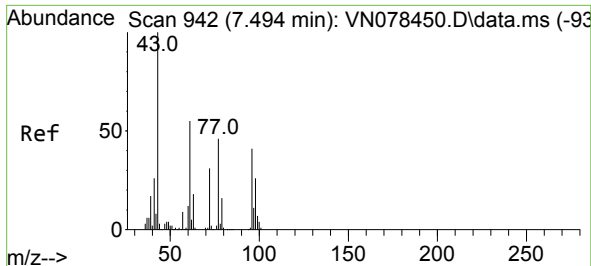
Tgt Ion: 43 Resp: 763181
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.411 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 77 Resp: 410623
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6

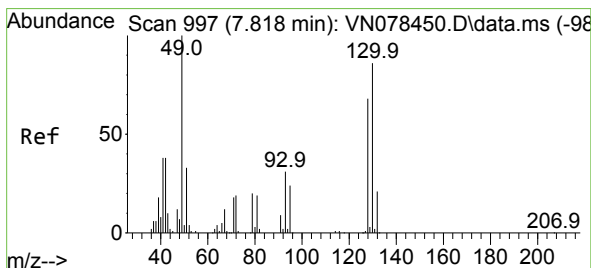
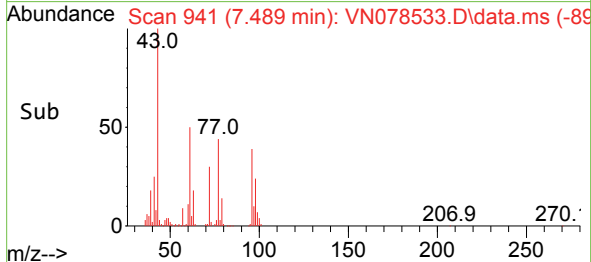
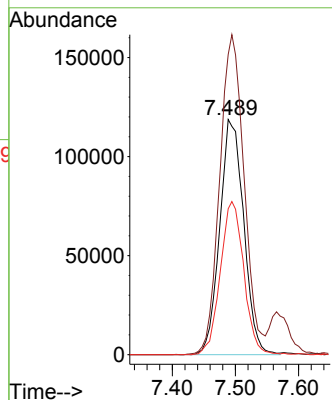
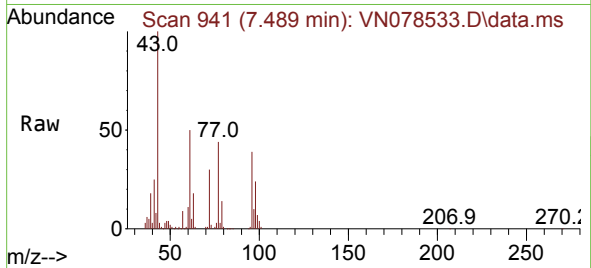




#27
cis-1,2-Dichloroethene
Concen: 48.781 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

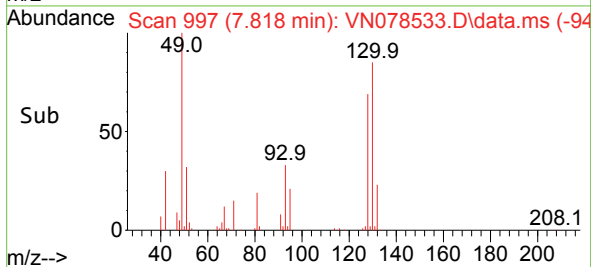
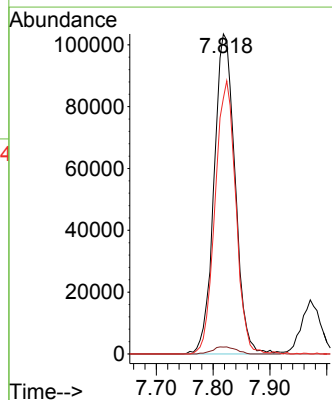
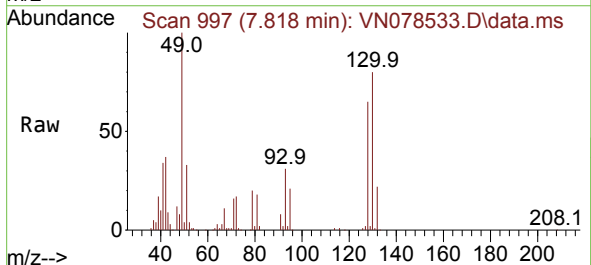
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

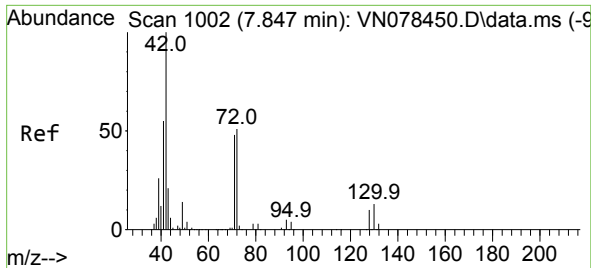
Tgt Ion: 96 Resp: 313398
Ion Ratio Lower Upper
96 100
61 138.7 0.0 255.2
98 63.8 0.0 128.8



#28
Bromochloromethane
Concen: 55.562 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 49 Resp: 265903
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 83.9 75.3 112.9

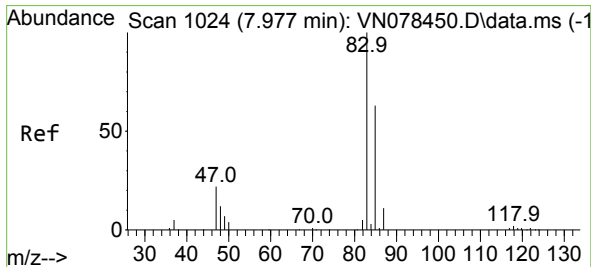
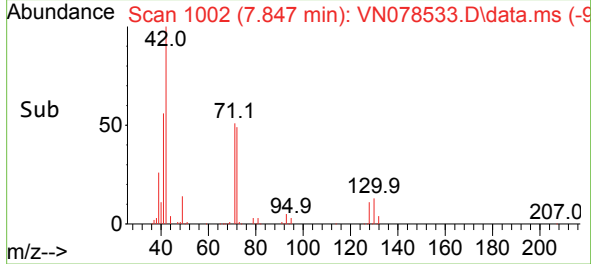
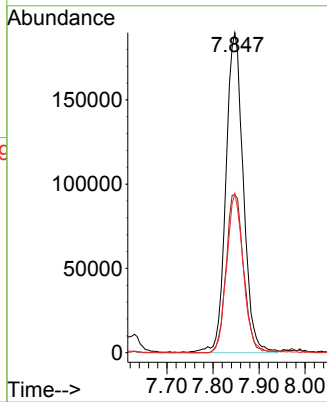
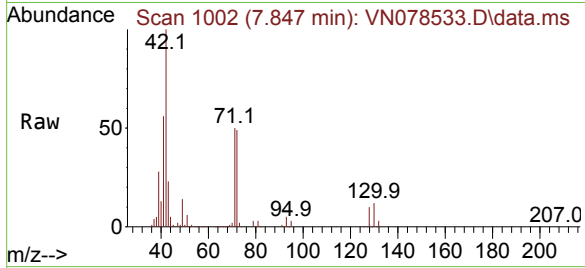




#29
Tetrahydrofuran
Concen: 246.973 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

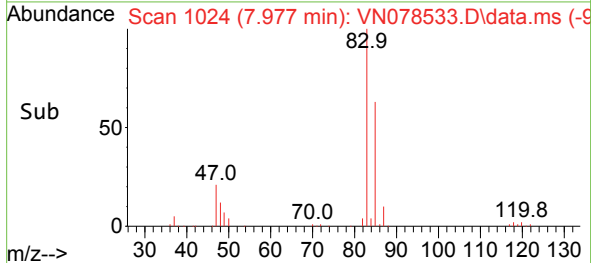
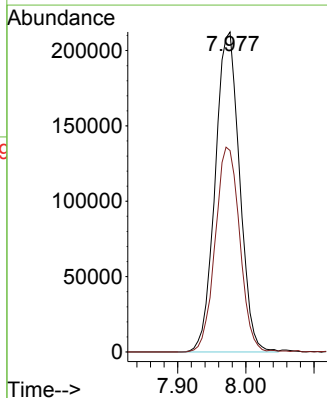
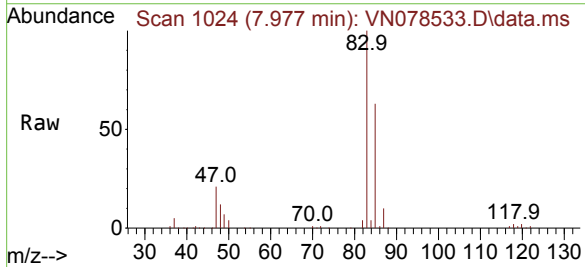
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

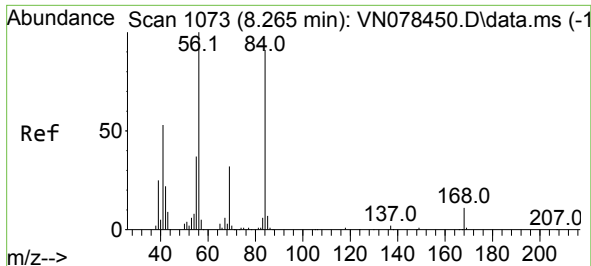
Tgt Ion: 42 Resp: 497548
Ion Ratio Lower Upper
42 100
72 49.9 49.8 74.6
71 47.7 47.4 71.2



#30
Chloroform
Concen: 49.985 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 83 Resp: 528755
Ion Ratio Lower Upper
83 100
85 63.0 55.4 83.0

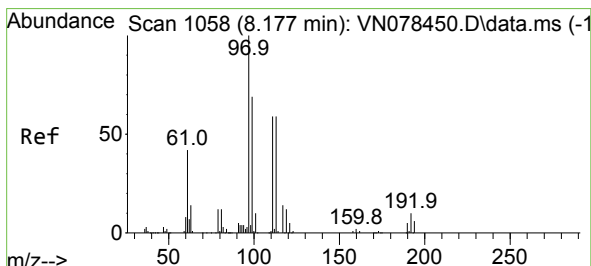
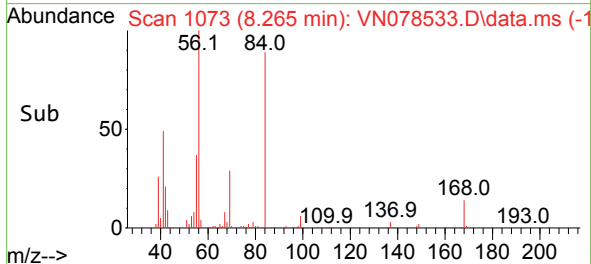
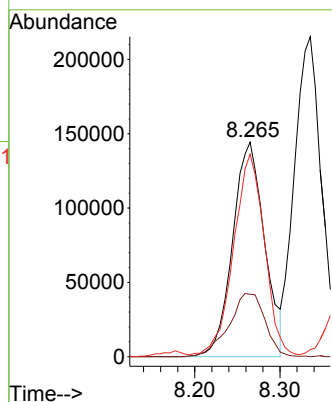
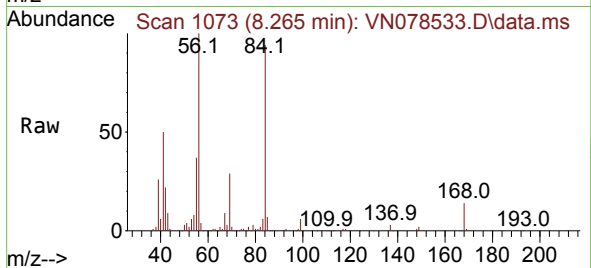




#31
Cyclohexane
Concen: 44.392 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

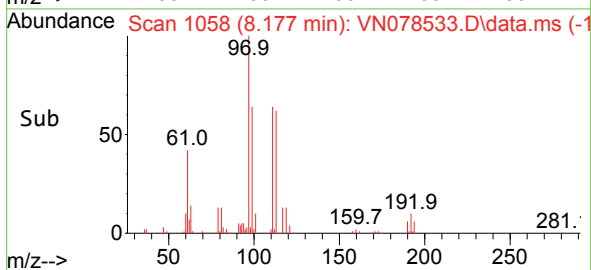
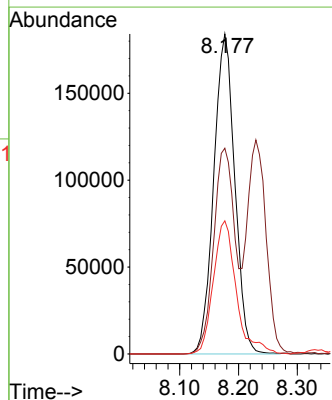
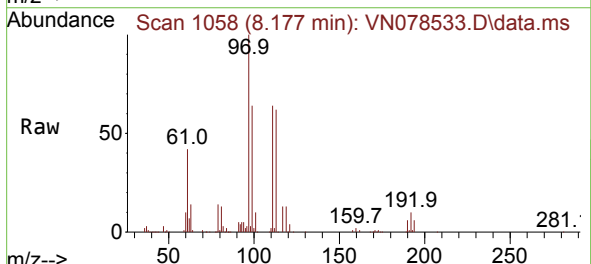
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

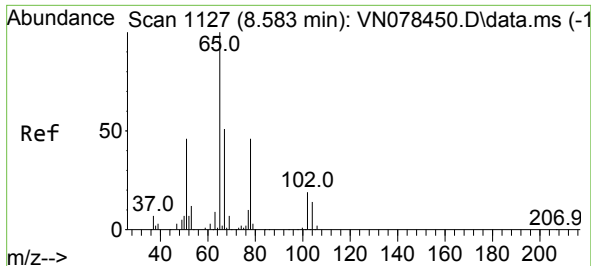
Tgt Ion: 56 Resp: 375647
Ion Ratio Lower Upper
56 100
69 29.1 26.8 40.2
84 92.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 48.249 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 97 Resp: 457597
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.703 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

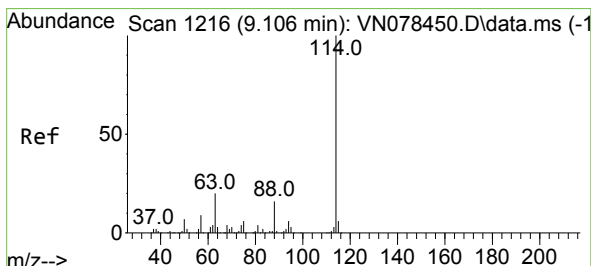
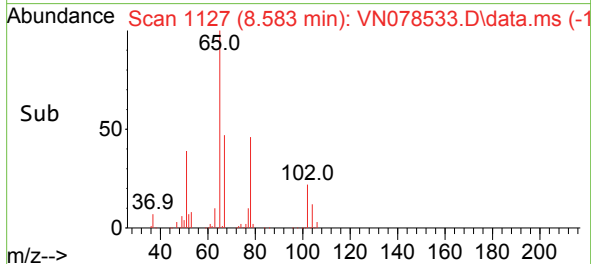
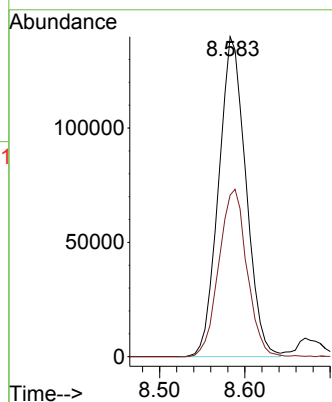
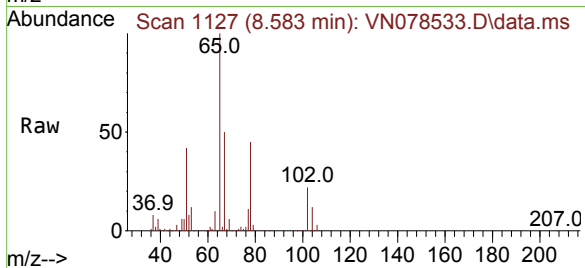
VSTDCCC050

Tgt Ion: 65 Resp: 311211

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

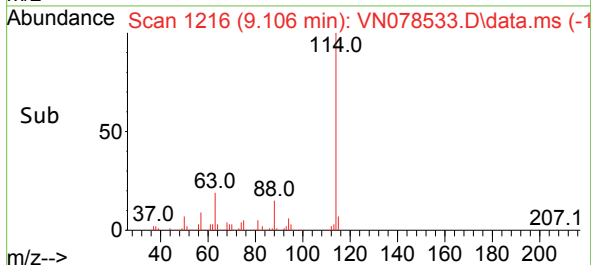
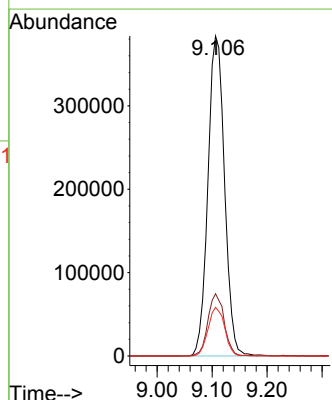
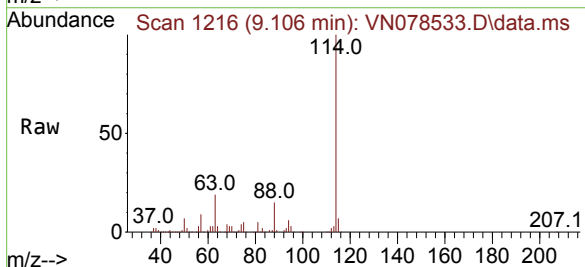
Tgt Ion: 114 Resp: 805887

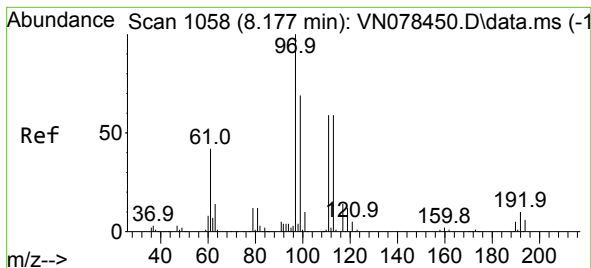
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.917 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

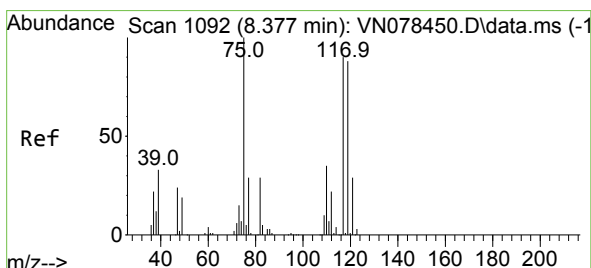
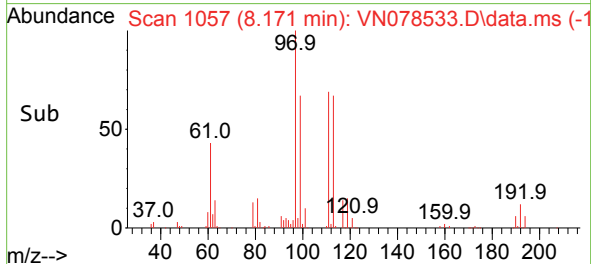
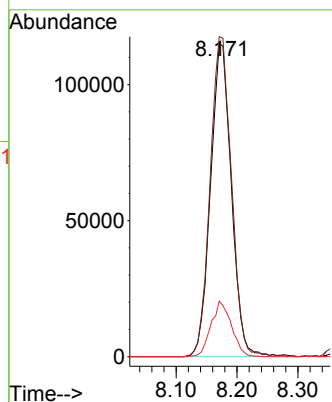
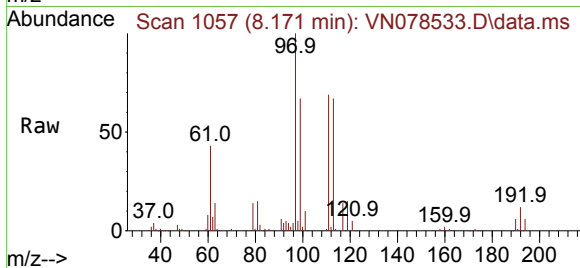
Tgt Ion:113 Resp: 273074

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 46.581 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

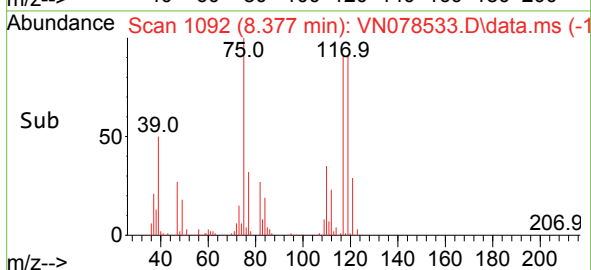
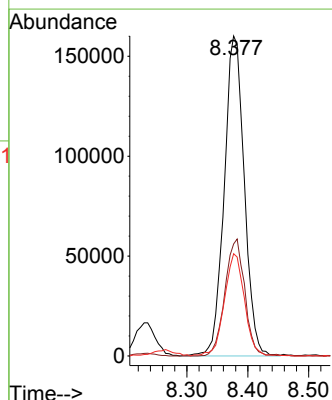
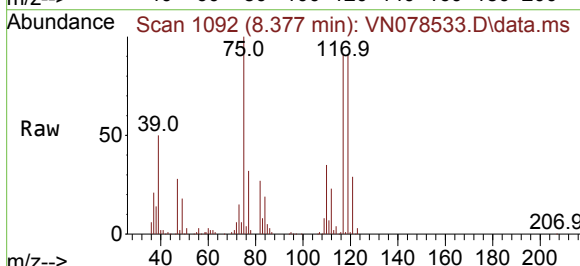
Tgt Ion: 75 Resp: 367947

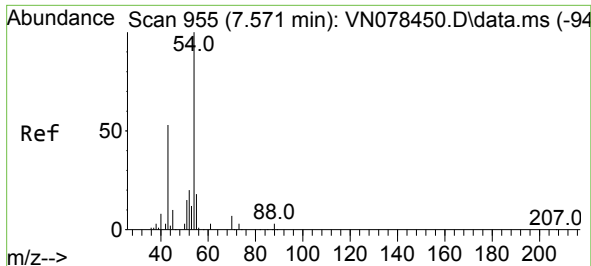
Ion Ratio Lower Upper

75 100

110 36.0 19.1 57.3

77 32.1 25.0 37.4

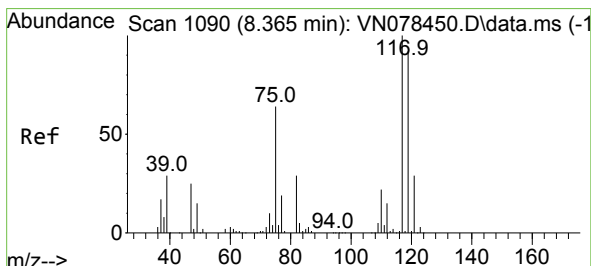
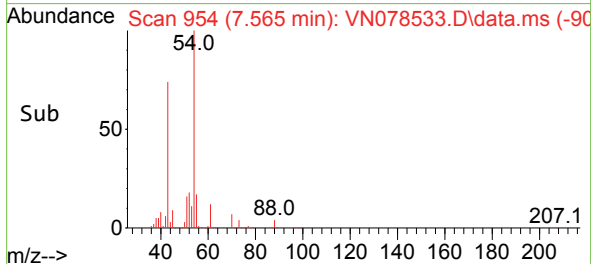
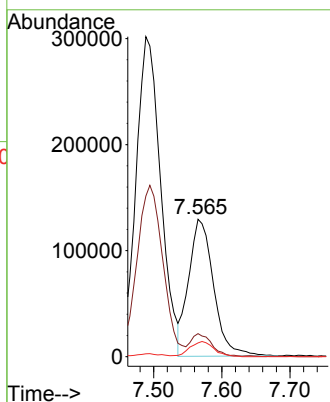
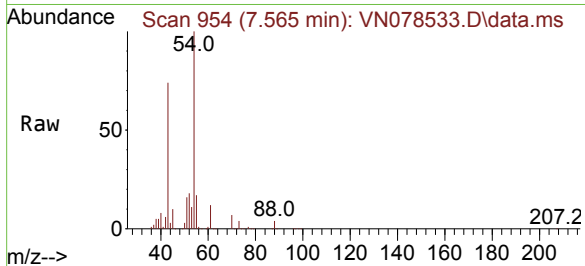




#37
Ethyl Acetate
Concen: 49.826 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

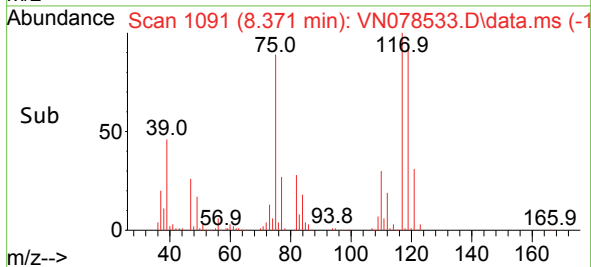
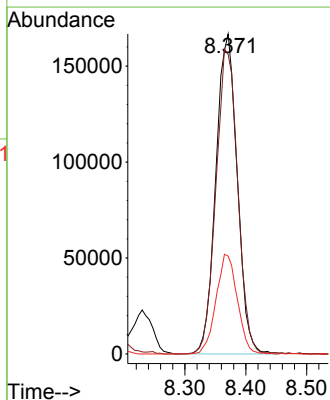
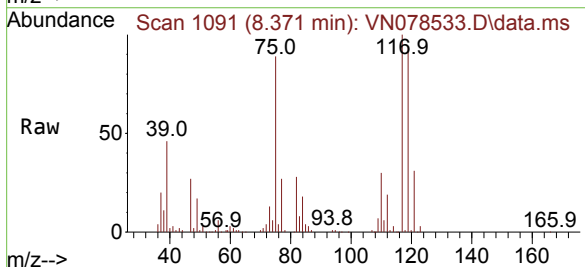
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

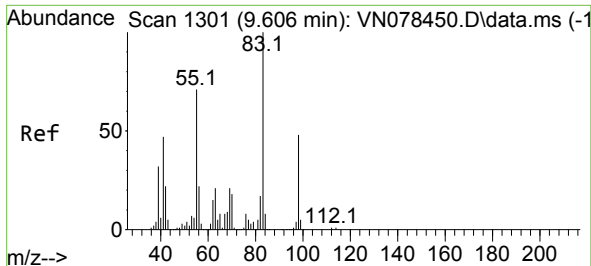
Tgt Ion: 43 Resp: 328092
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 10.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 47.425 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 117 Resp: 407142
Ion Ratio Lower Upper
117 100
119 93.6 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 47.934 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

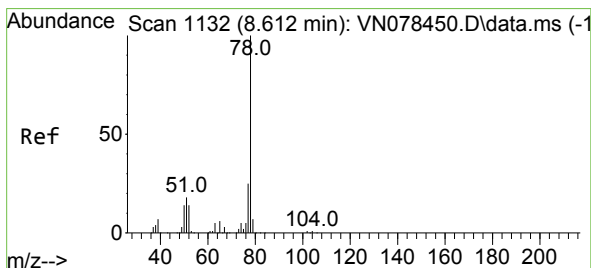
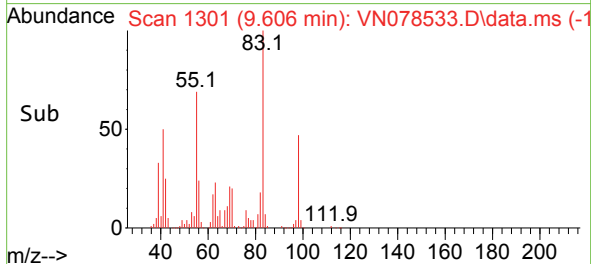
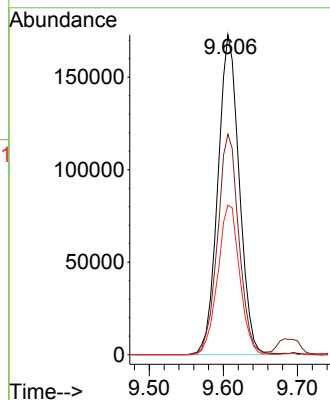
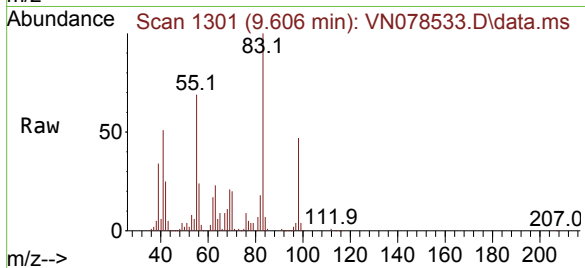
Tgt Ion: 83 Resp: 345611

Ion Ratio Lower Upper

83 100

55 68.9 49.1 73.7

98 46.7 40.6 61.0



#40

Benzene

Concen: 48.240 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078533.D

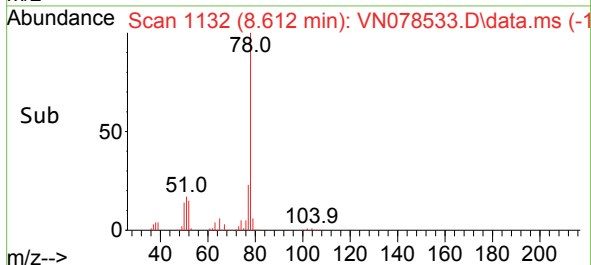
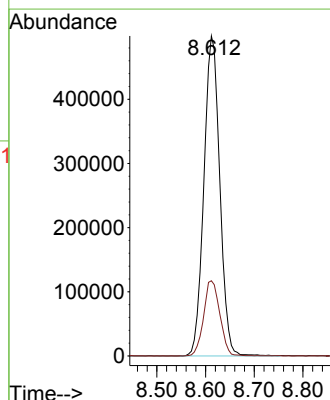
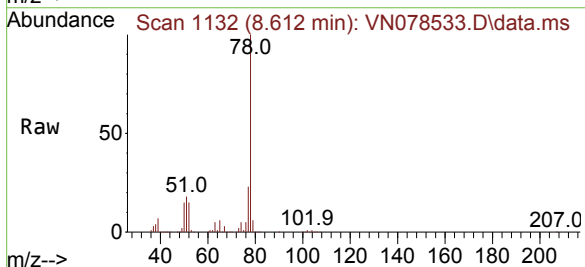
Acq: 17 Jul 2023 10:32

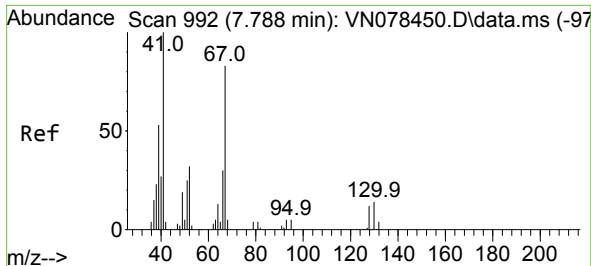
Tgt Ion: 78 Resp: 1128894

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

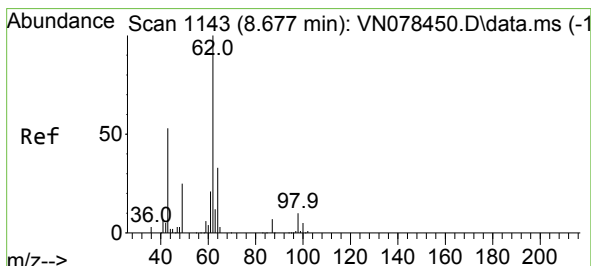
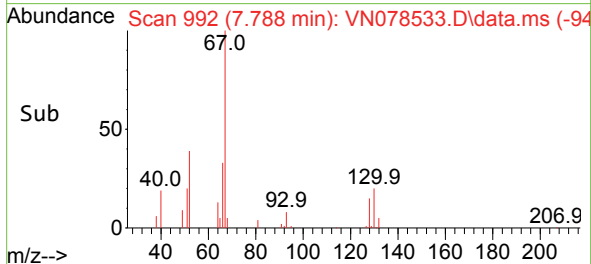
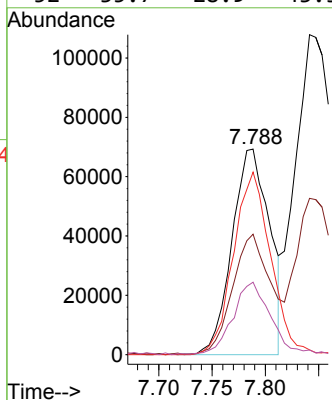
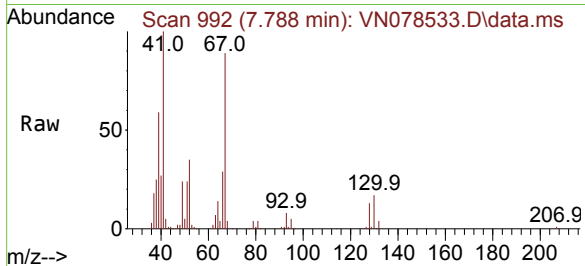




#41
Methacrylonitrile
Concen: 50.612 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

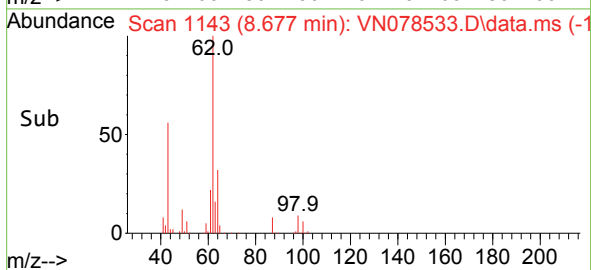
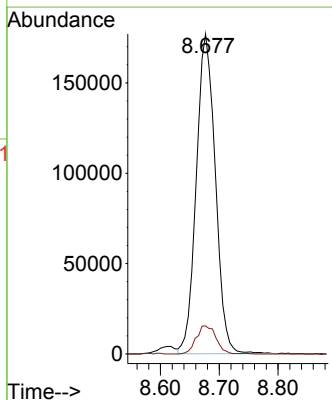
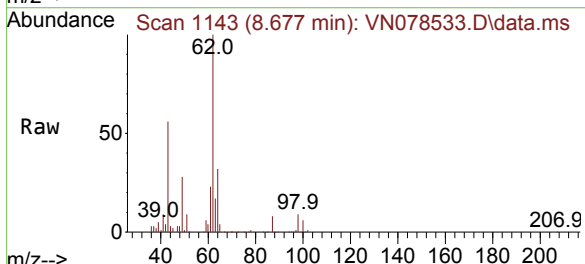
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

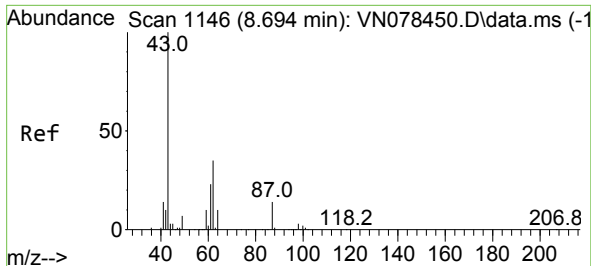
Tgt Ion:	41	Resp:	169898
Ion	Ratio	Lower	Upper
41	100		
39	61.1	42.6	64.0
67	88.2	77.5	116.3
52	35.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:	62	Resp:	397985
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8

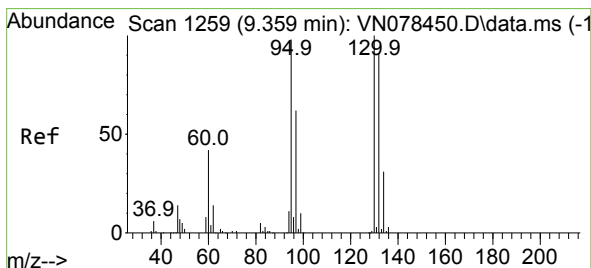
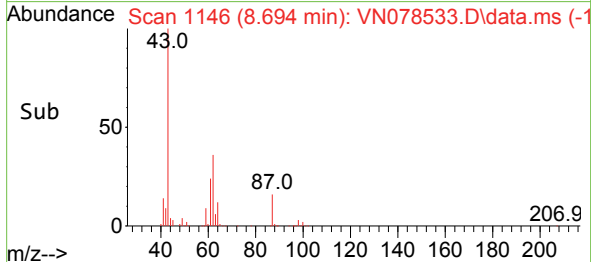
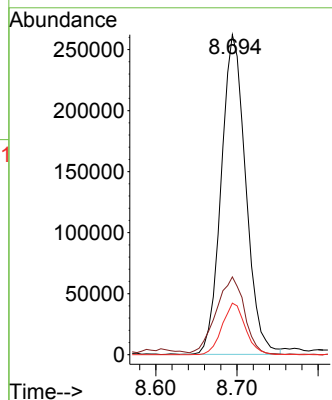
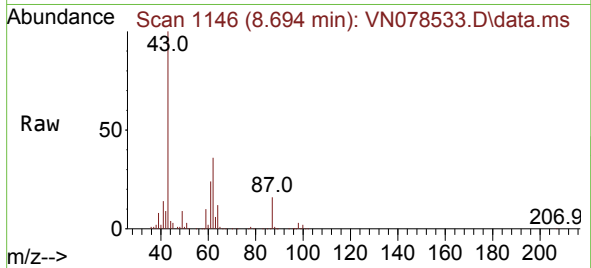




#43
Isopropyl Acetate
Concen: 50.737 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

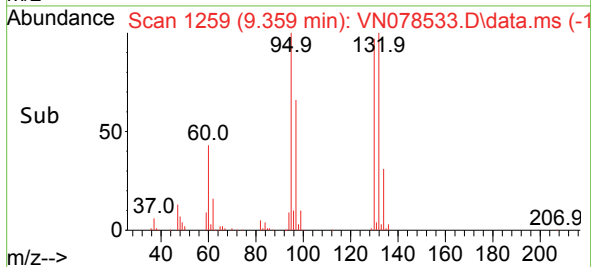
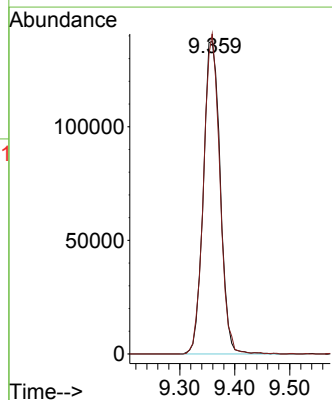
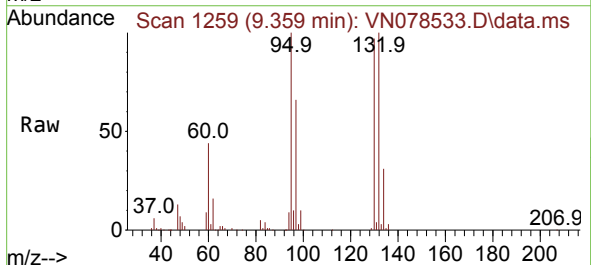
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

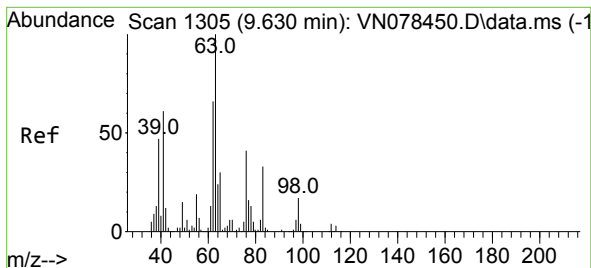
Tgt Ion: 43 Resp: 550049
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 15.3 14.6 21.8



#44
Trichloroethene
Concen: 46.448 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:130 Resp: 292954
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.542 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

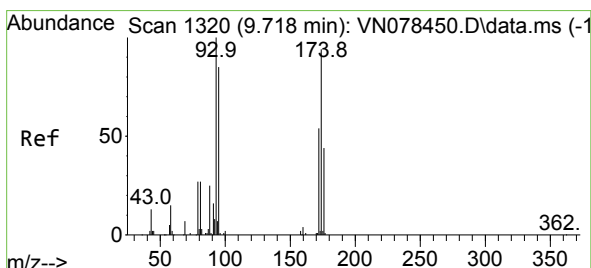
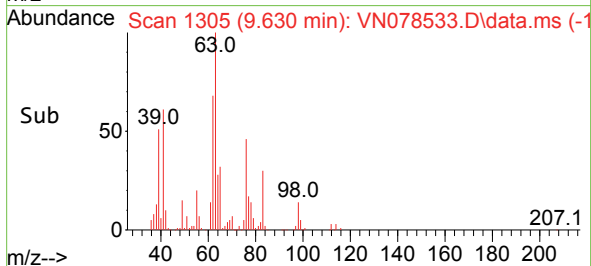
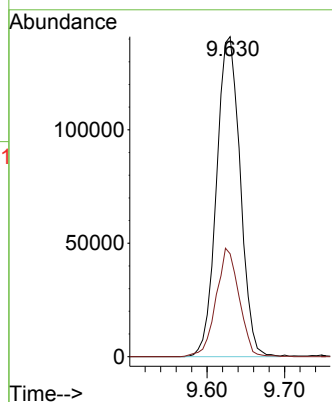
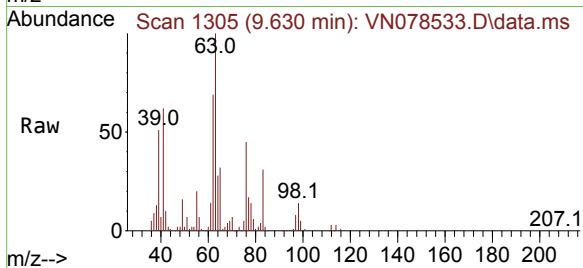
VSTDCCC050

Tgt Ion: 63 Resp: 299563

Ion Ratio Lower Upper

63 100

65 32.1 23.9 35.9



#46

Dibromomethane

Concen: 50.092 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

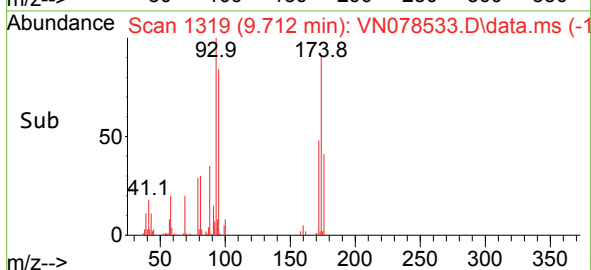
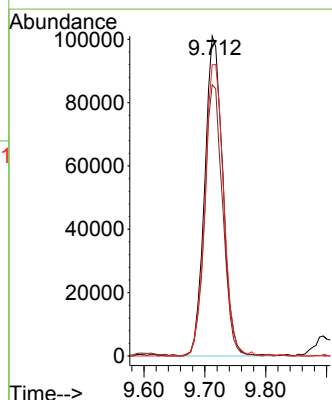
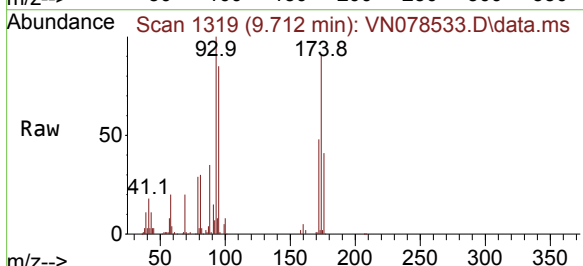
Tgt Ion: 93 Resp: 208963

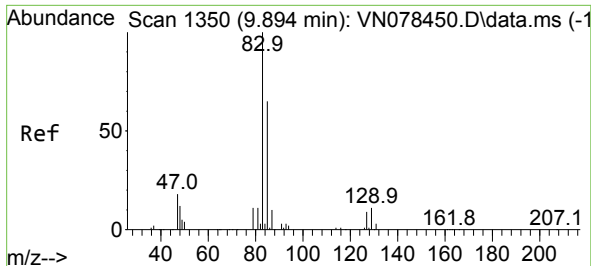
Ion Ratio Lower Upper

93 100

95 84.1 63.8 95.8

174 94.1 65.6 98.4

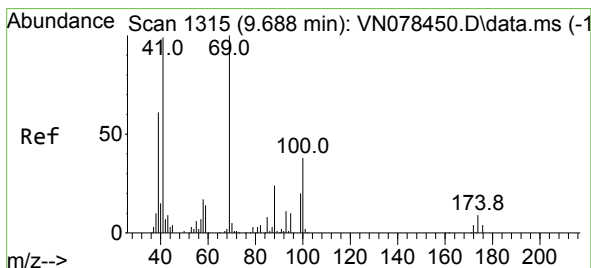
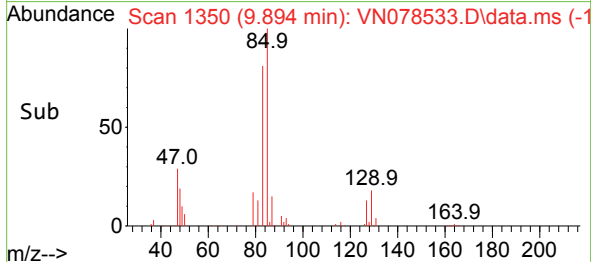
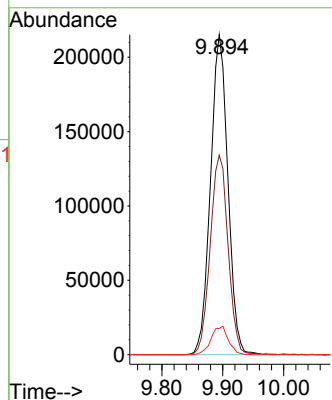
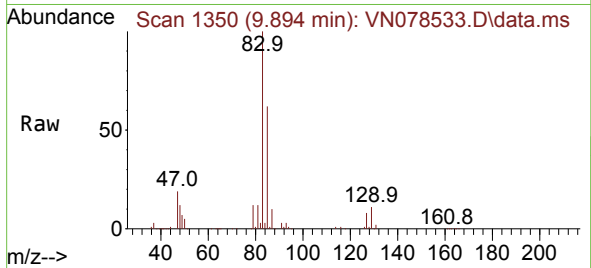




#47
Bromodichloromethane
Concen: 50.969 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

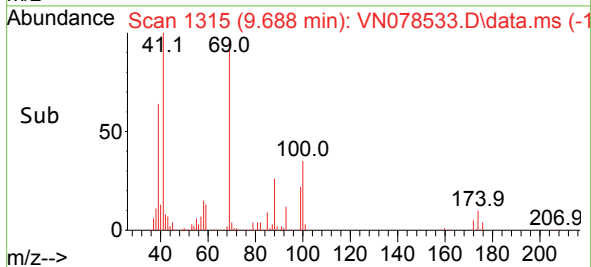
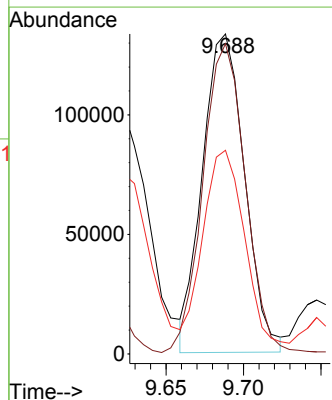
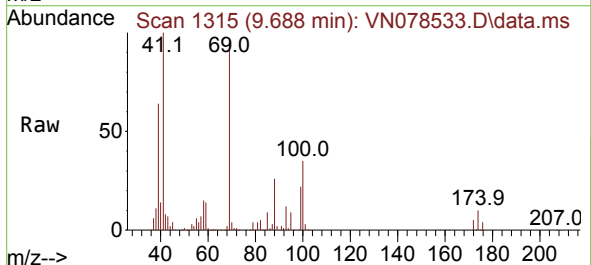
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

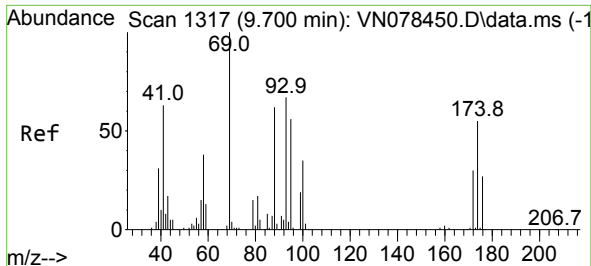
Tgt Ion: 83 Resp: 426221
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 50.226 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 41 Resp: 252263
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 64.8 54.6 81.8





#49

1,4-Dioxane

Concen: 993.872 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

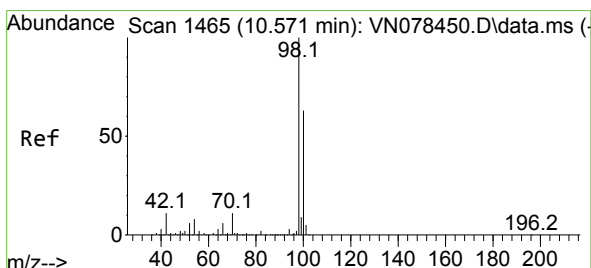
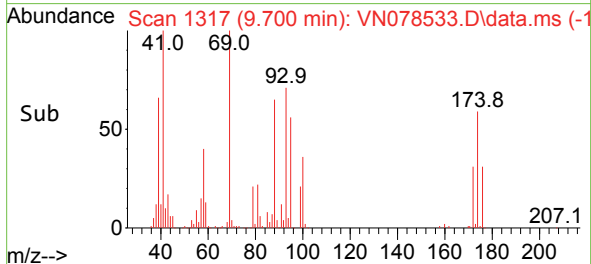
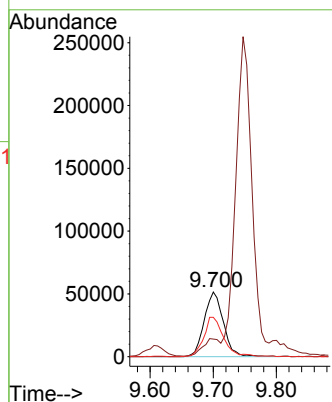
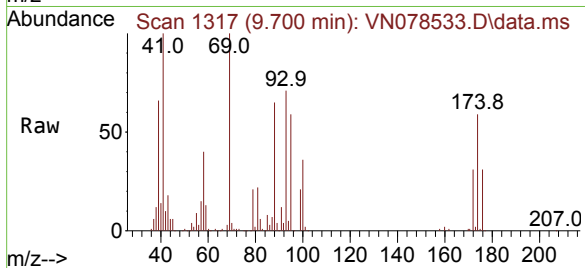
Tgt Ion: 88 Resp: 108861

Ion Ratio Lower Upper

88 100

43 24.5 17.0 25.6

58 63.8 47.0 70.4



#50

Toluene-d8

Concen: 48.820 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078533.D

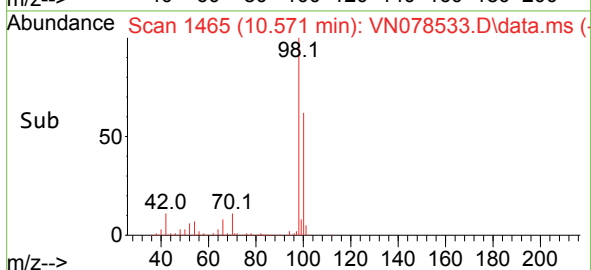
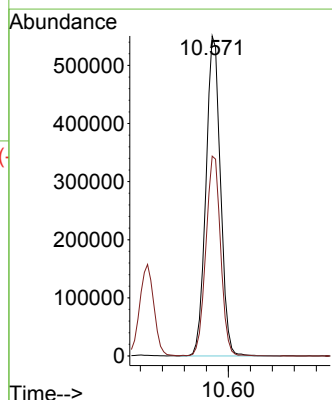
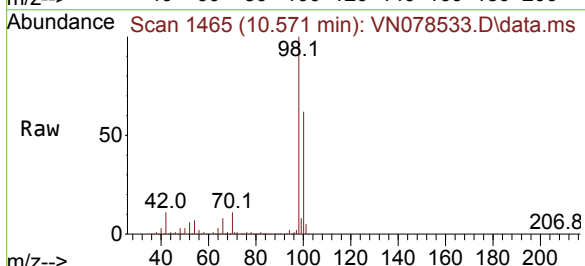
Acq: 17 Jul 2023 10:32

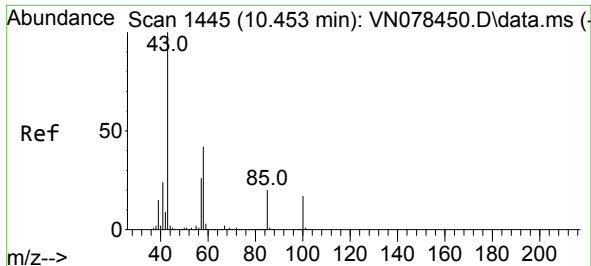
Tgt Ion: 98 Resp: 1008933

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

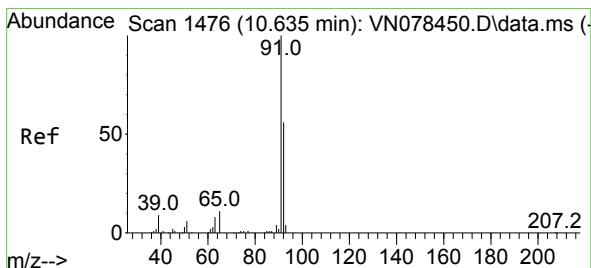
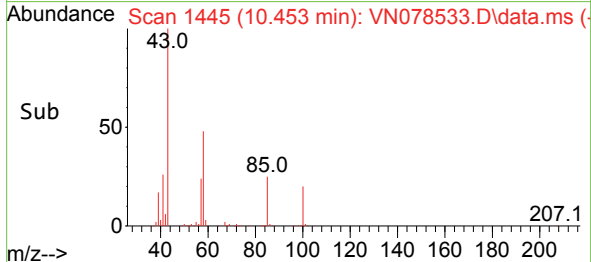
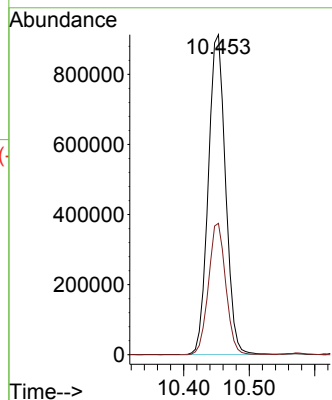
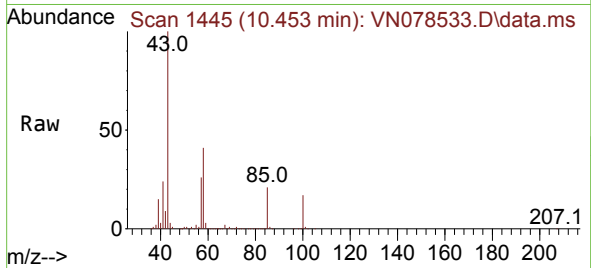




#51
4-Methyl-2-Pentanone
Concen: 259.193 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

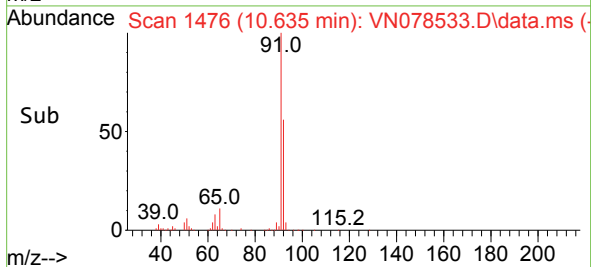
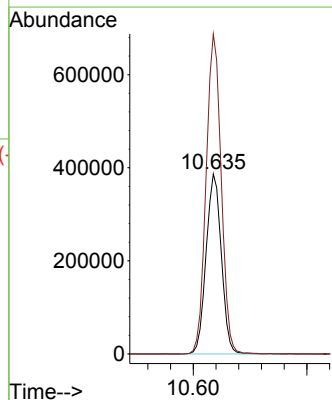
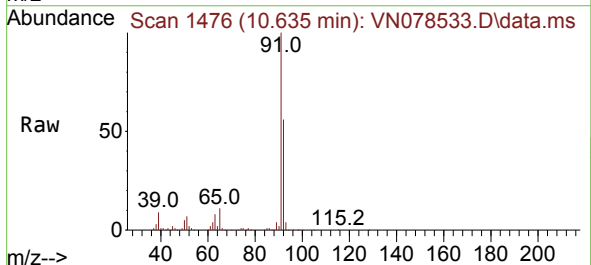
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

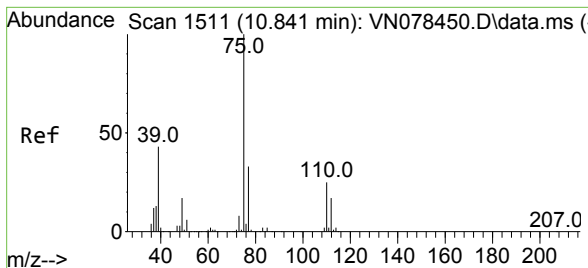
Tgt Ion: 43 Resp: 1671373
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 49.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 92 Resp: 716637
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

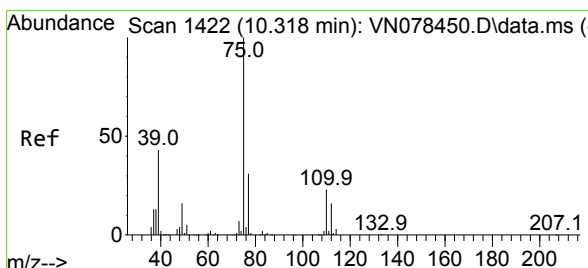
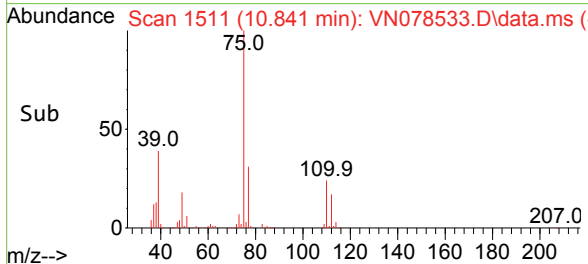
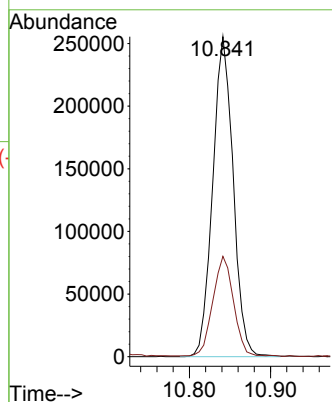
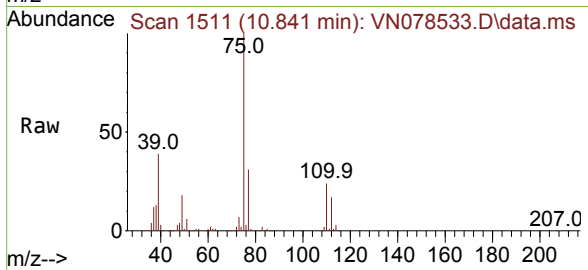




#53
 t-1,3-Dichloropropene
 Concen: 52.138 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

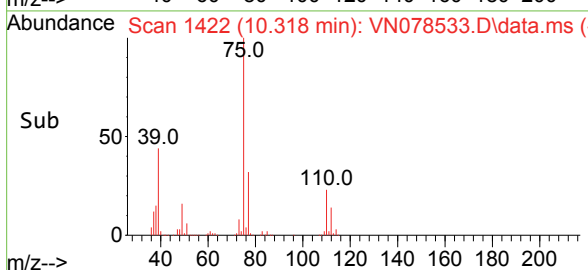
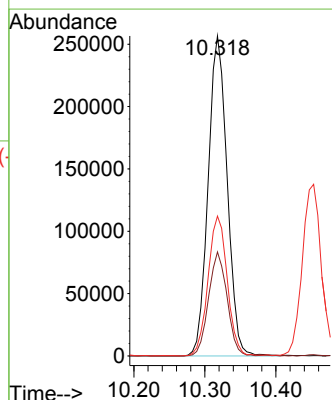
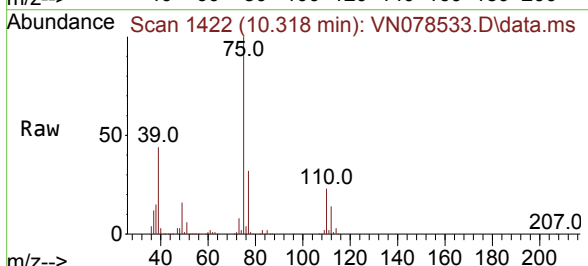
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

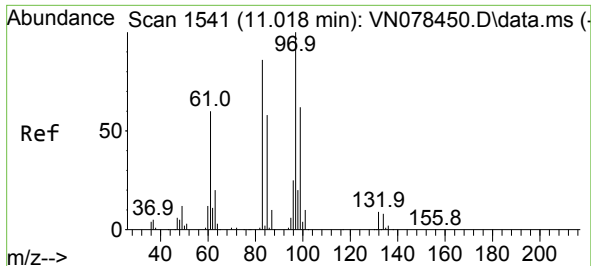
Tgt Ion: 75 Resp: 446659
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.345 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

Tgt Ion: 75 Resp: 478005
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.1 39.1
 39 43.7 31.6 47.4

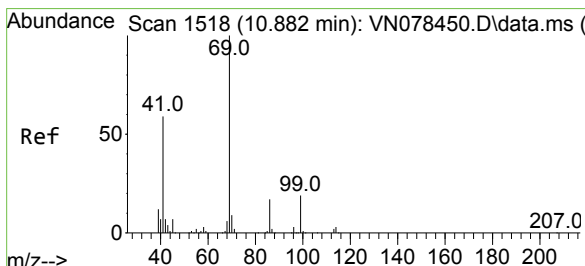
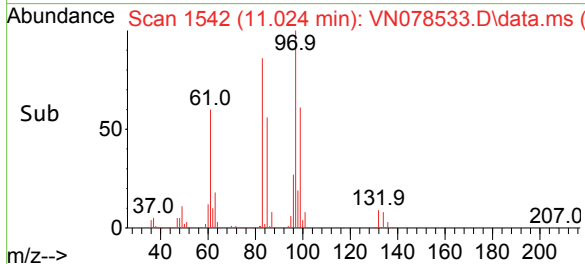
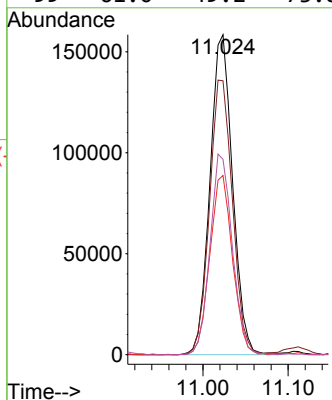
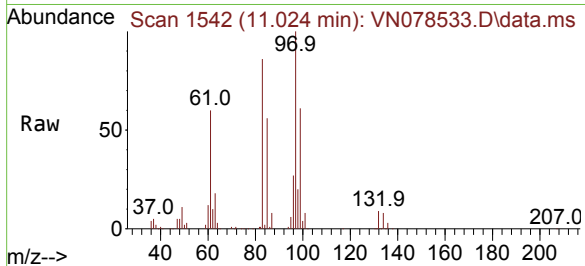




#55
1,1,2-Trichloroethane
Concen: 51.209 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

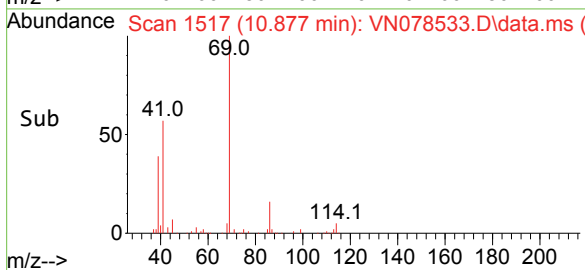
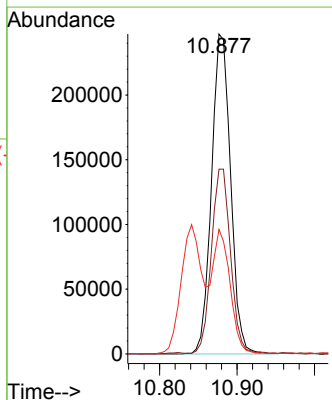
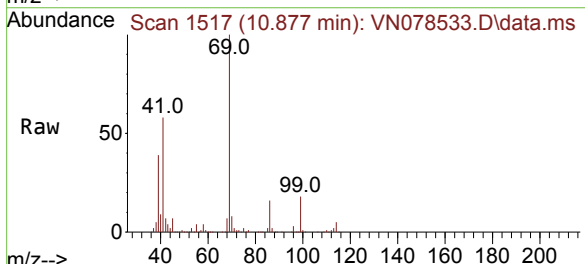
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

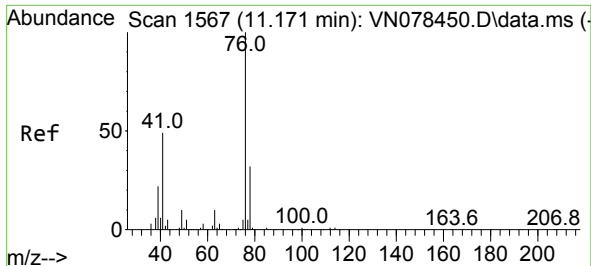
Tgt Ion:	97	Resp:	292629
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.1	97.7
85	56.0	43.4	65.2
99	61.0	49.2	73.8



#56
Ethyl methacrylate
Concen: 52.913 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:	69	Resp:	422671
Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.6	59.4
39	37.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 49.604 ug/l

RT: 11.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

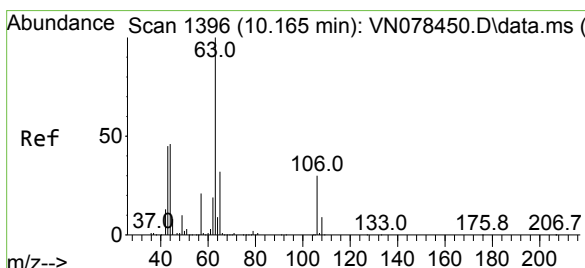
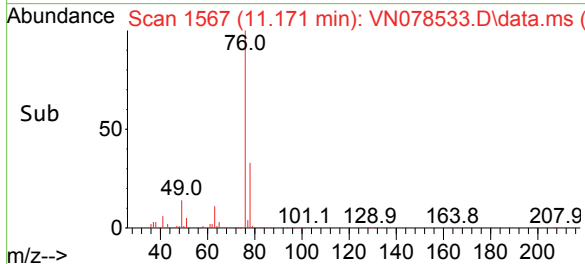
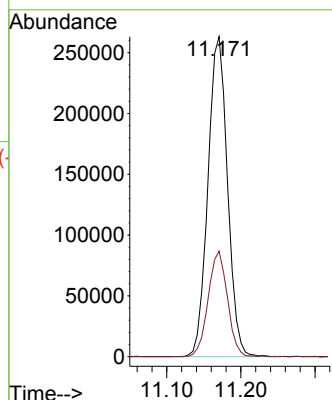
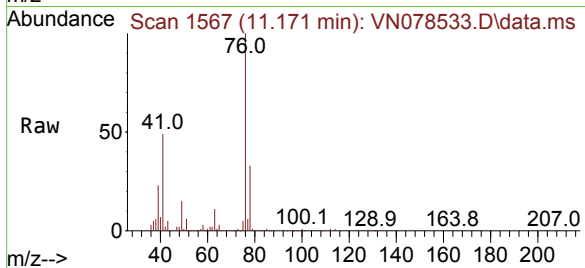
VSTDCCC050

Tgt Ion: 76 Resp: 481969

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 270.484 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078533.D

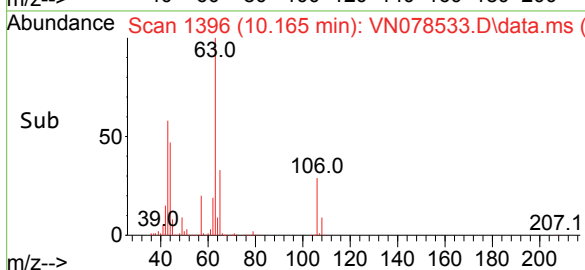
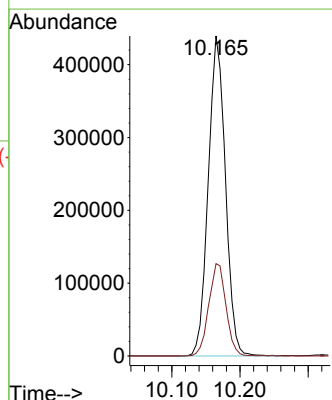
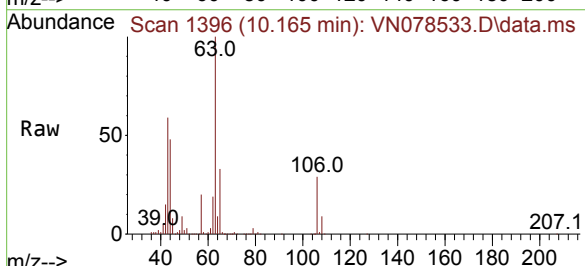
Acq: 17 Jul 2023 10:32

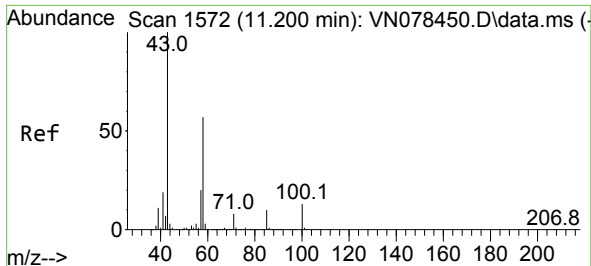
Tgt Ion: 63 Resp: 769999

Ion Ratio Lower Upper

63 100

106 29.0 26.2 39.4

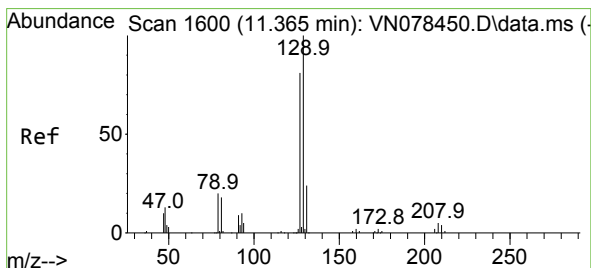
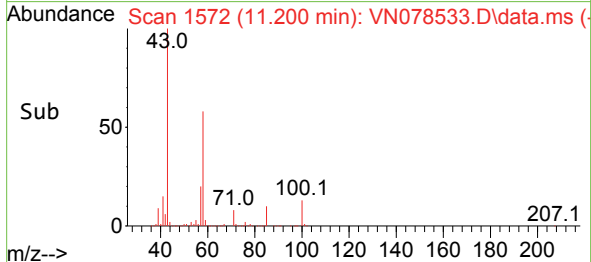
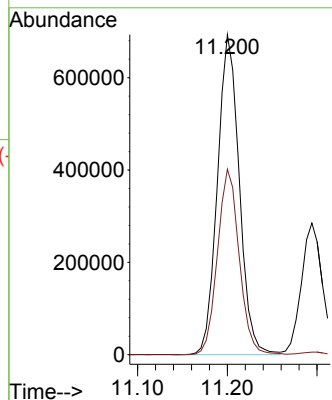
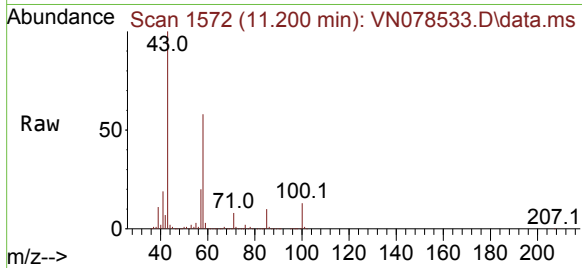




#59
2-Hexanone
Concen: 255.793 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

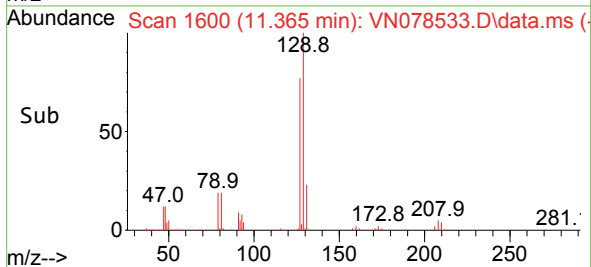
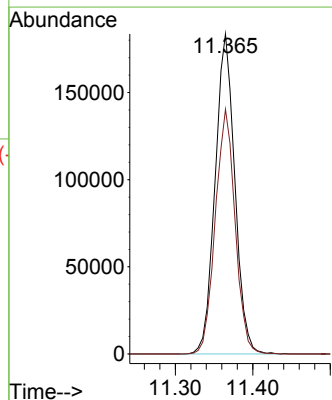
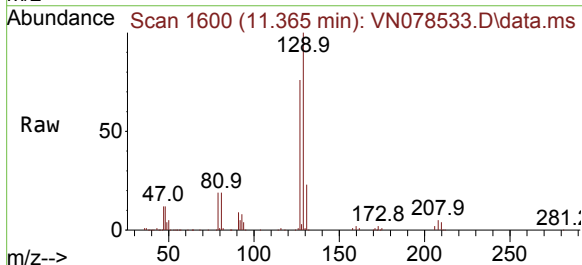
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

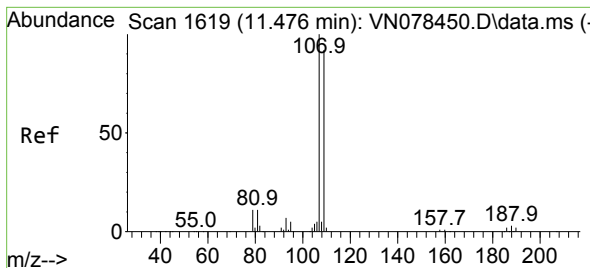
Tgt Ion: 43 Resp: 1172282
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1



#60
Dibromochloromethane
Concen: 51.508 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:129 Resp: 324941
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

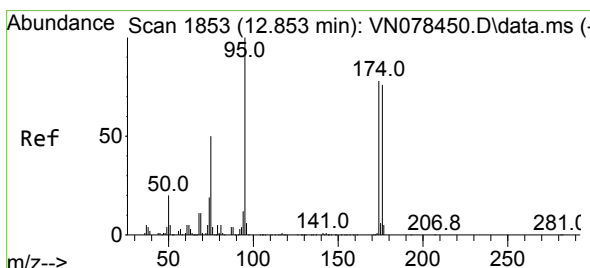
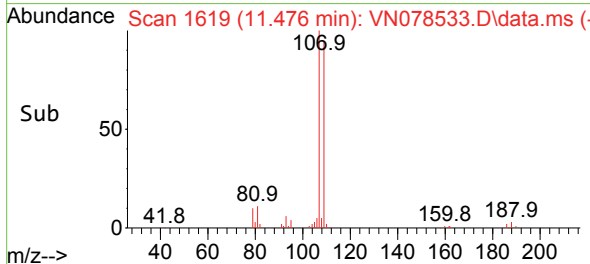
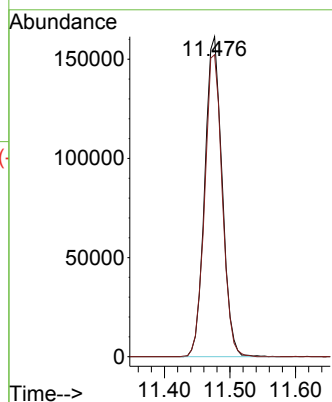
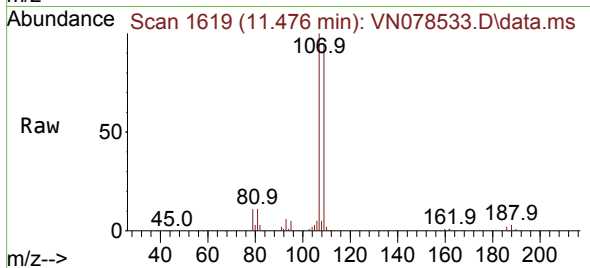




#61
1,2-Dibromoethane
Concen: 50.468 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

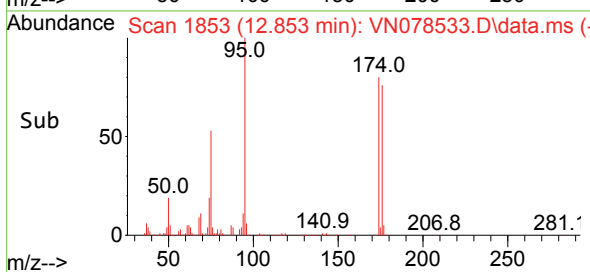
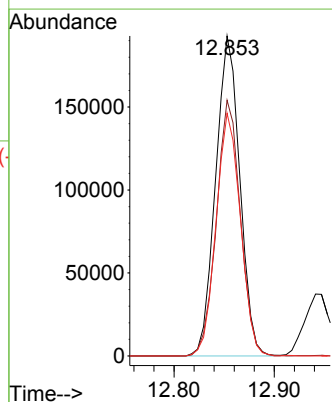
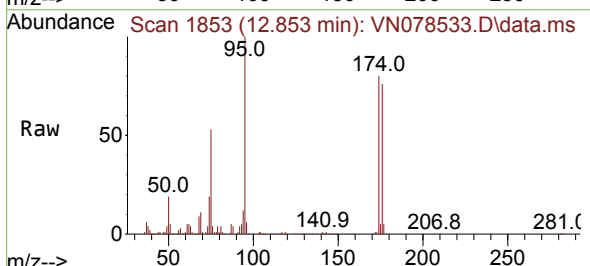
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

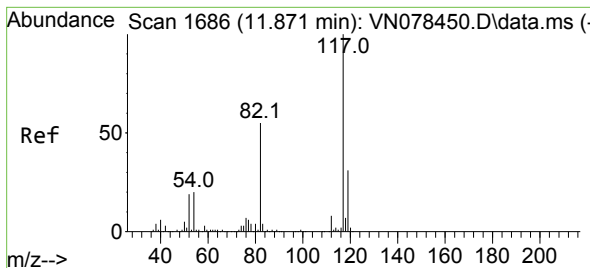
Tgt Ion:107 Resp: 297084
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 95 Resp: 322184
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 76.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

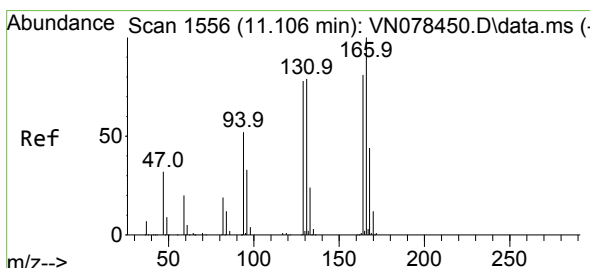
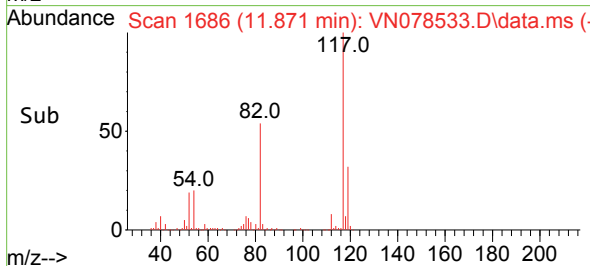
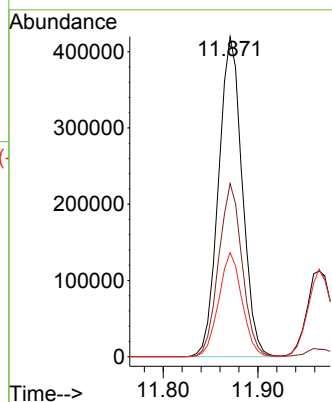
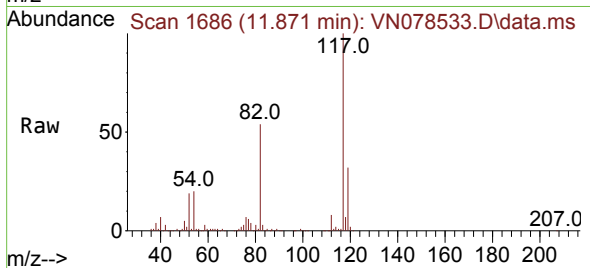
Tgt Ion:117 Resp: 727834

Ion Ratio Lower Upper

117 100

82 54.1 44.0 66.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 45.918 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Tgt Ion:164 Resp: 251266

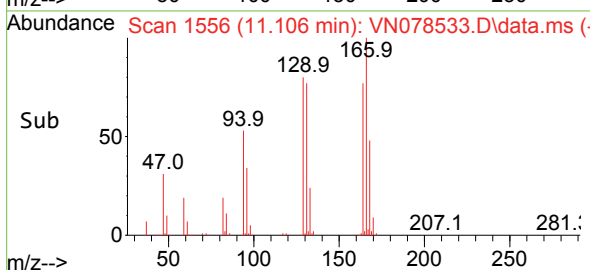
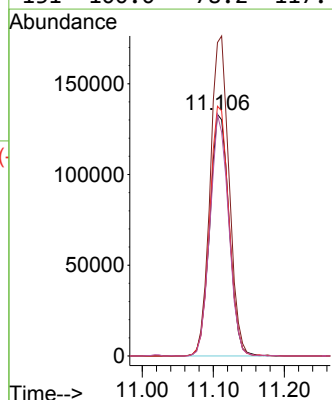
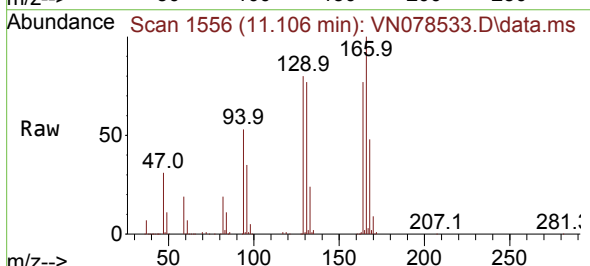
Ion Ratio Lower Upper

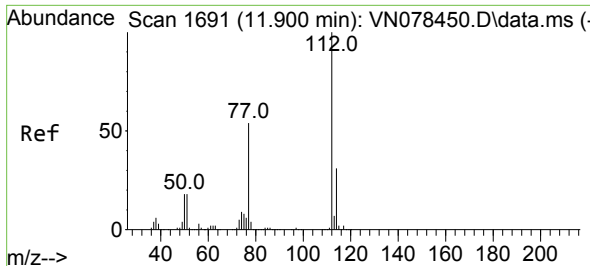
164 100

166 129.8 101.4 152.0

129 103.4 82.4 123.6

131 100.0 78.2 117.4

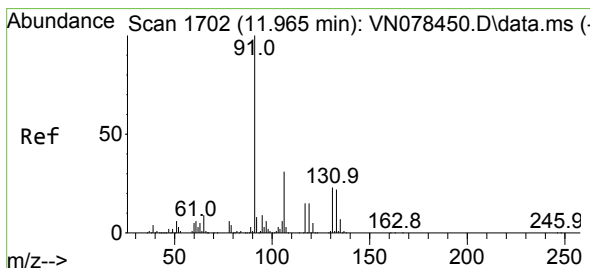
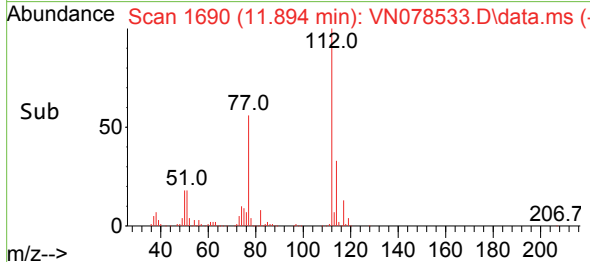
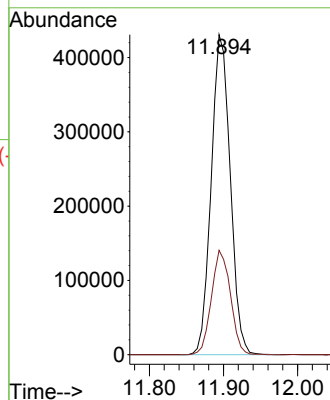
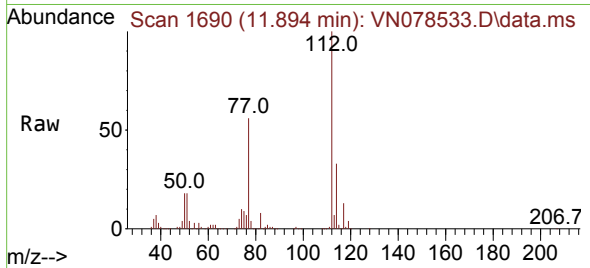




#65
Chlorobenzene
Concen: 47.271 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

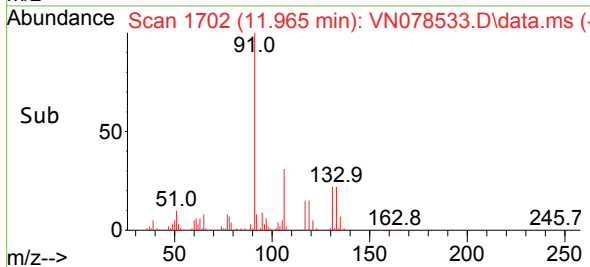
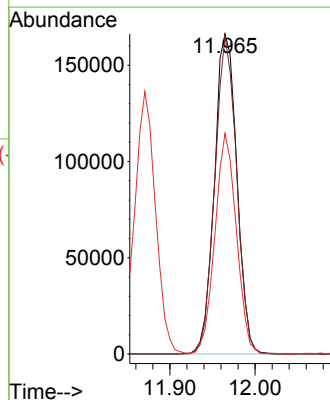
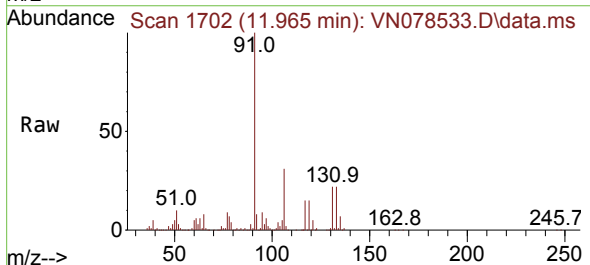
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

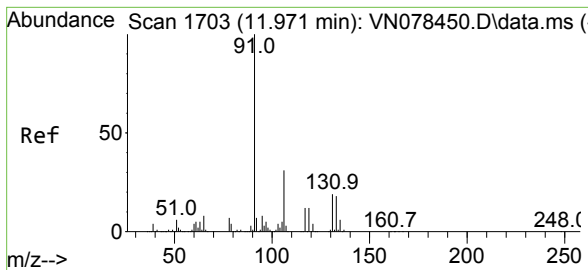
Tgt Ion:112 Resp: 769041
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.582 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:131 Resp: 304058
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 65.6 34.1 102.2

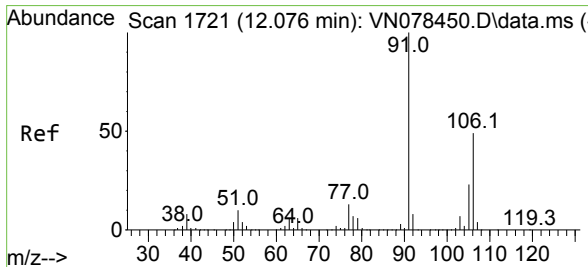
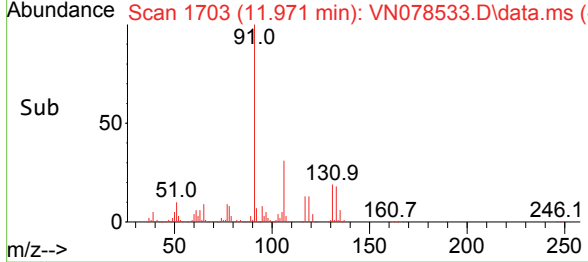
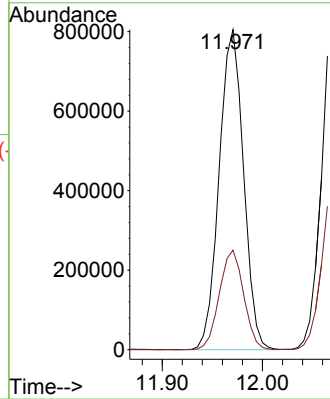
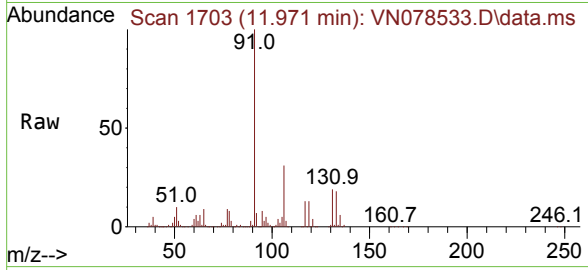




#67
Ethyl Benzene
Concen: 49.283 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

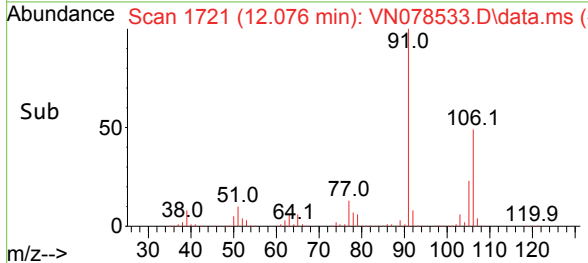
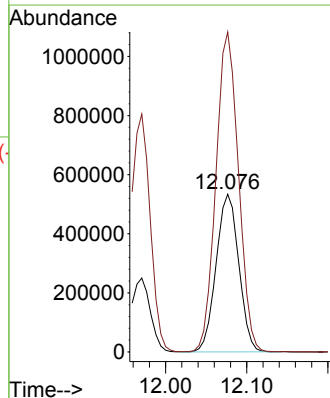
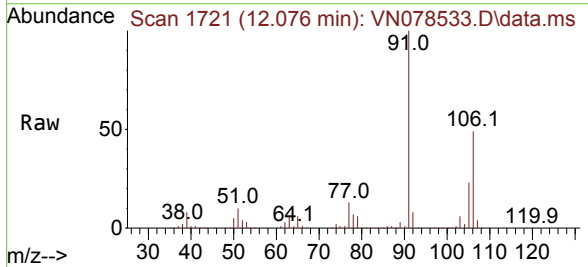
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

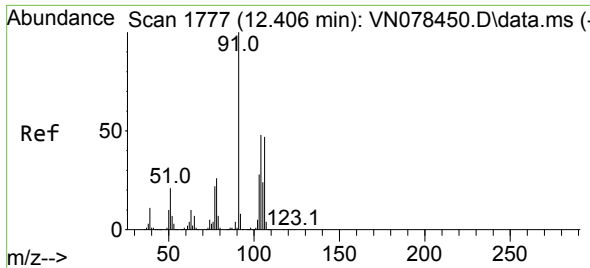
Tgt Ion: 91 Resp: 1355265
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 101.833 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:106 Resp: 1035380
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4

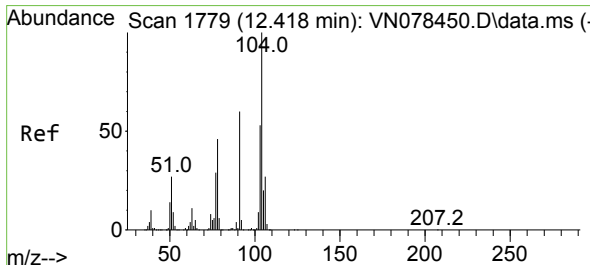
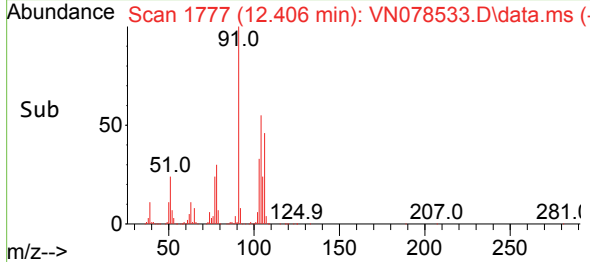
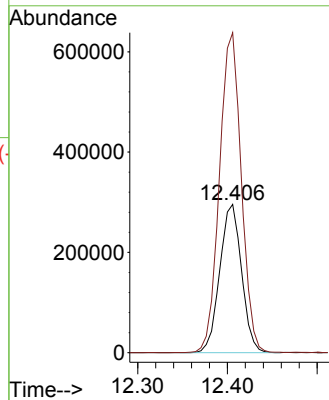
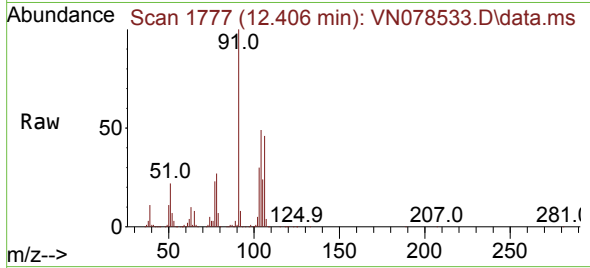




#69
o-Xylene
Concen: 48.574 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

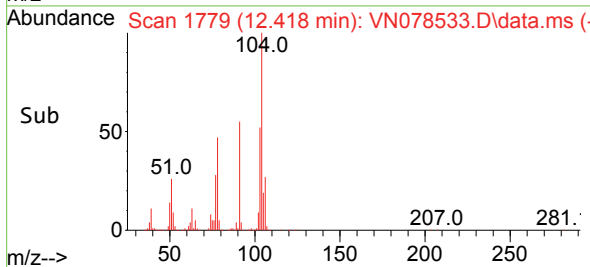
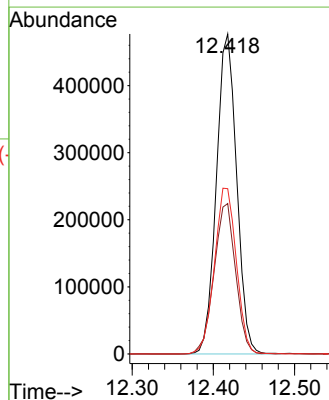
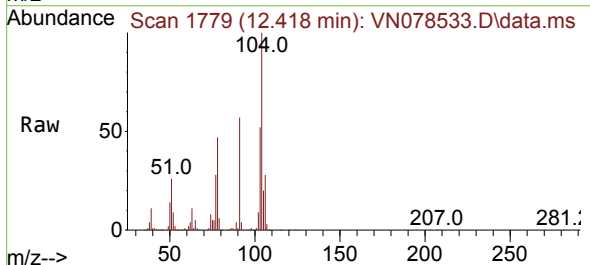
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

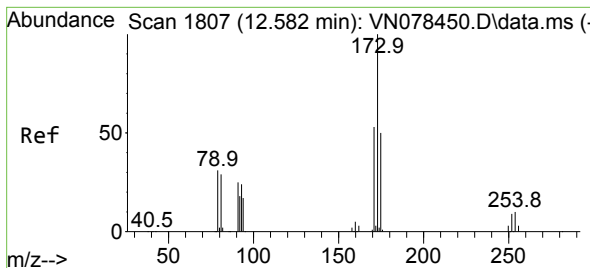
Tgt Ion:106 Resp: 498834
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5



#70
Styrene
Concen: 51.491 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:104 Resp: 827277
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 51.921 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

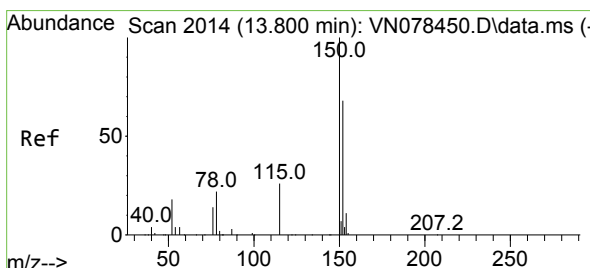
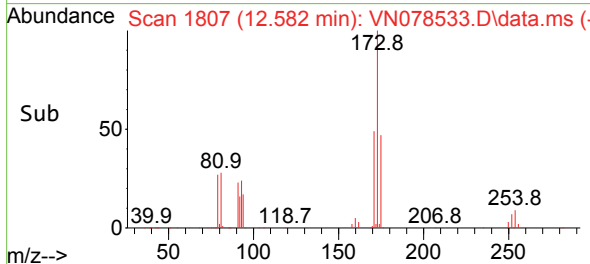
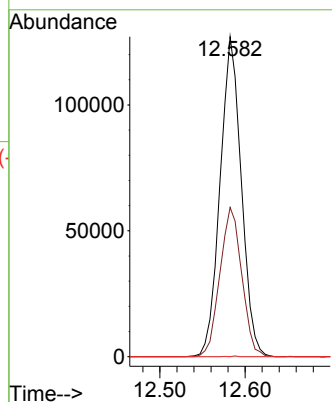
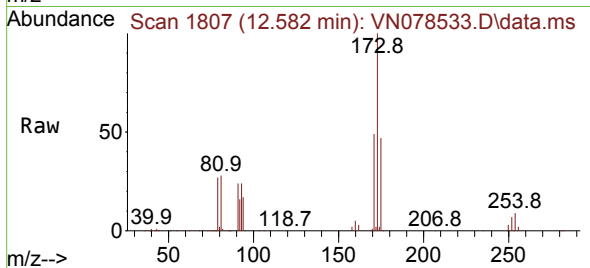
Tgt Ion:173 Resp: 220077

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

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. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

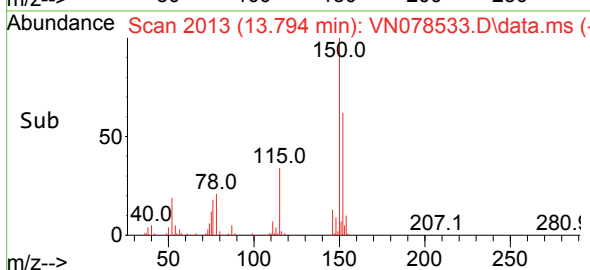
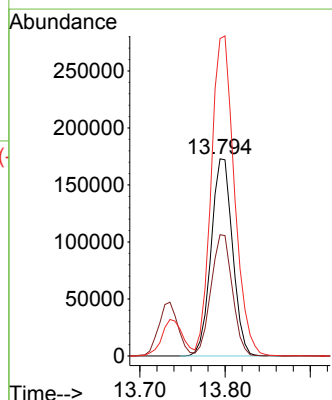
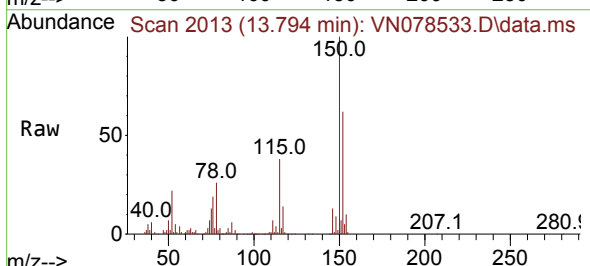
Tgt Ion:152 Resp: 302367

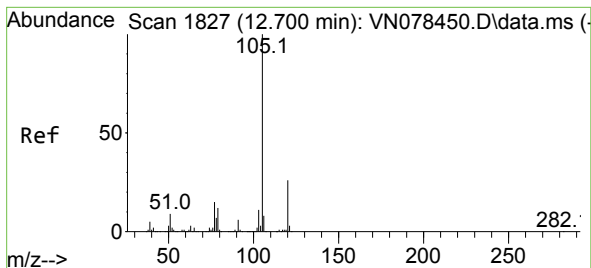
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 175.5 0.0 355.8





#73

Isopropylbenzene

Concen: 44.119 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

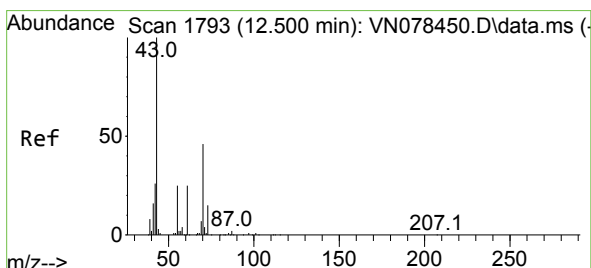
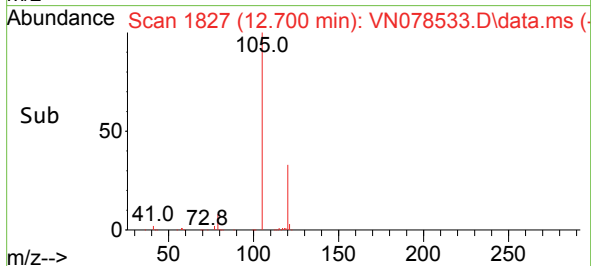
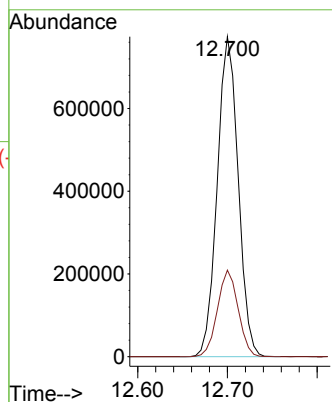
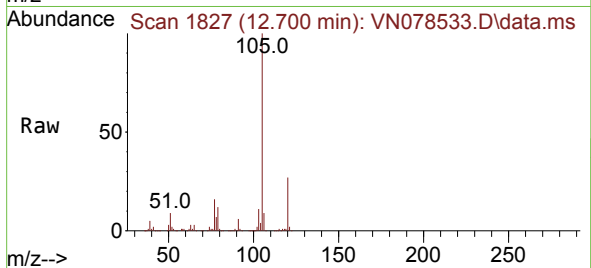
VSTDCCC050

Tgt Ion:105 Resp: 1253491

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



#74

N-ethyl acetate

Concen: 44.206 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Tgt Ion: 43 Resp: 432827

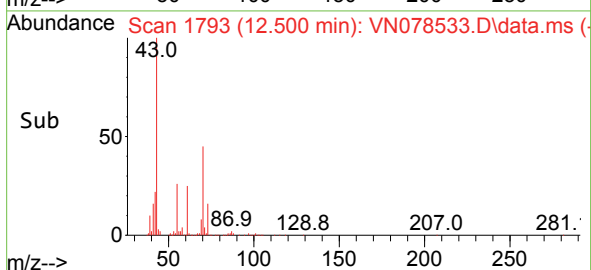
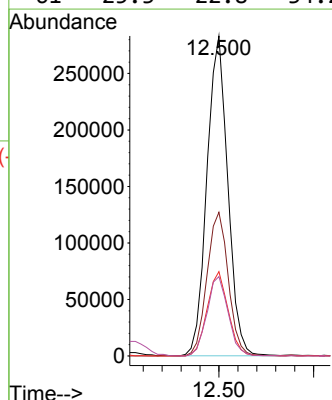
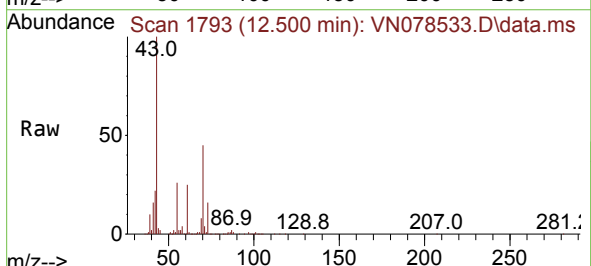
Ion Ratio Lower Upper

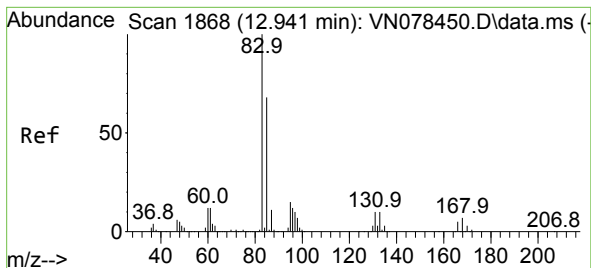
43 100

70 45.9 43.4 65.2

55 26.6 21.4 32.0

61 25.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.946 ug/l

RT: 12.941 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

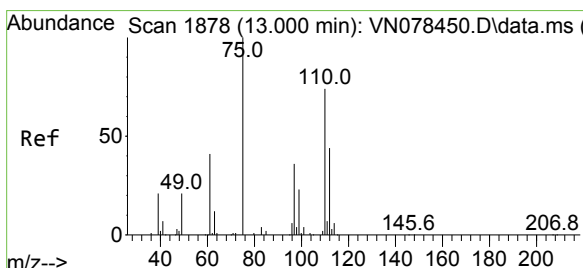
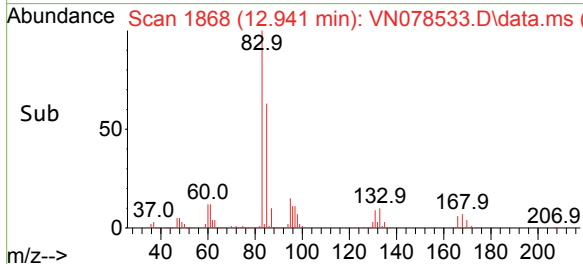
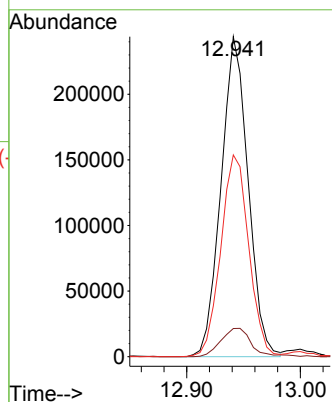
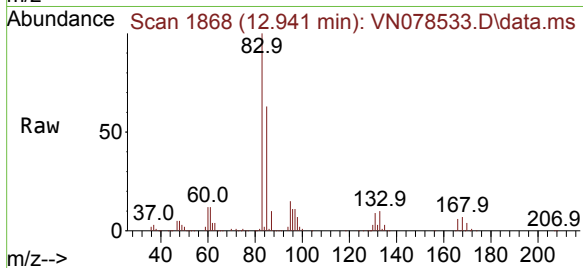
Tgt Ion: 83 Resp: 403814

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 65.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 67.918 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN078533.D

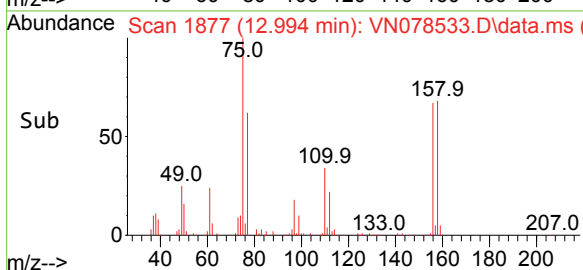
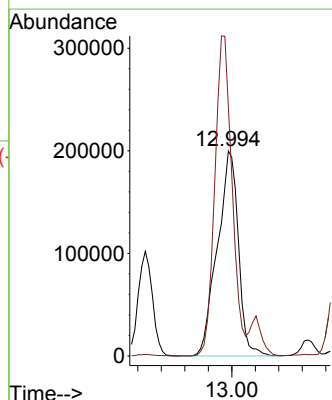
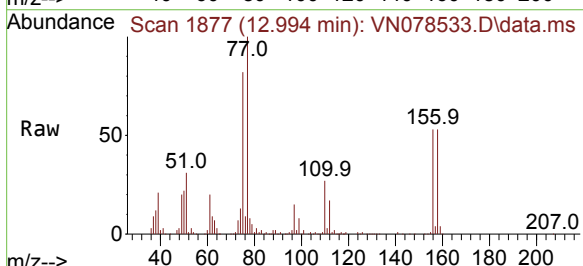
Acq: 17 Jul 2023 10:32

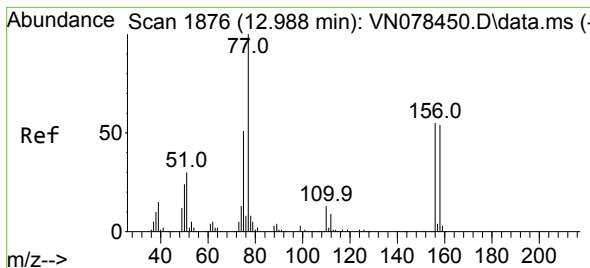
Tgt Ion: 75 Resp: 496383

Ion Ratio Lower Upper

75 100

77 127.7 84.5 253.5





#77

Bromobenzene

Concen: 49.035 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

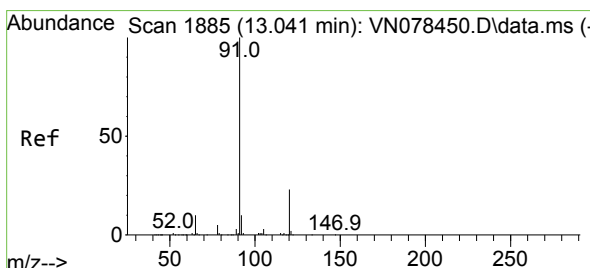
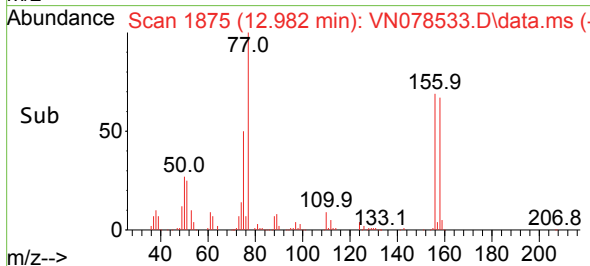
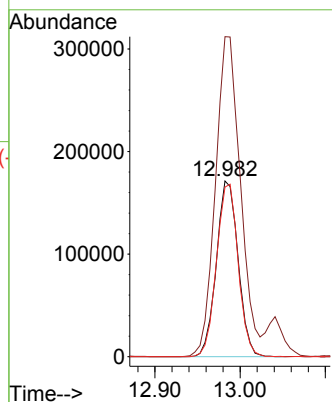
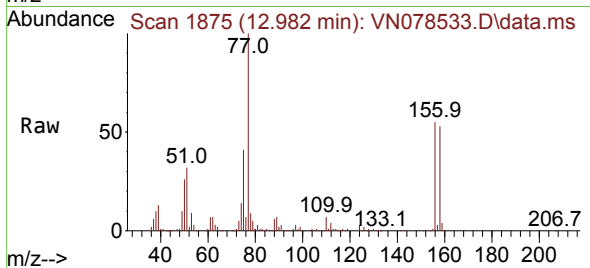
Tgt Ion:156 Resp: 303152

Ion Ratio Lower Upper

156 100

77 209.0 107.7 323.3

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 47.295 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078533.D

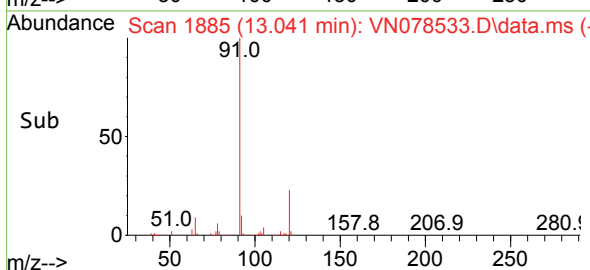
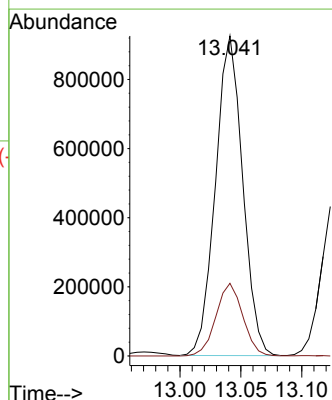
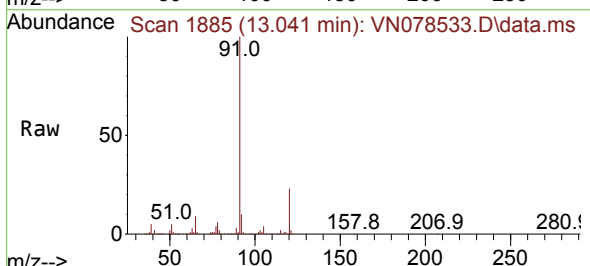
Acq: 17 Jul 2023 10:32

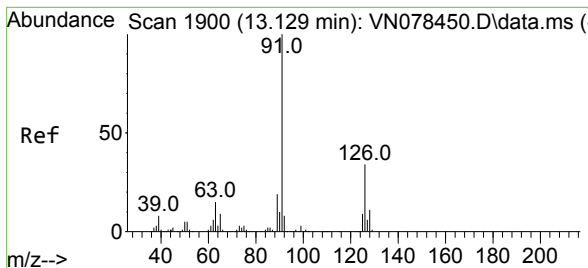
Tgt Ion: 91 Resp: 1437048

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

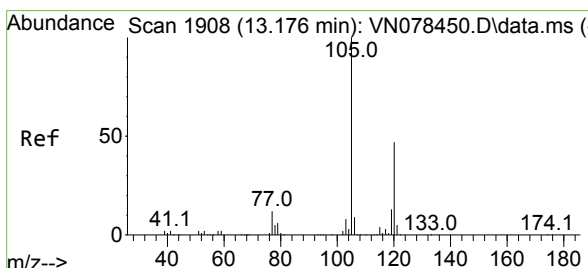
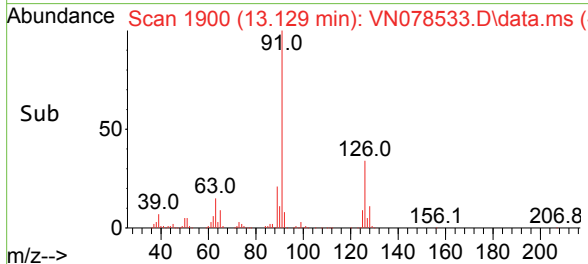
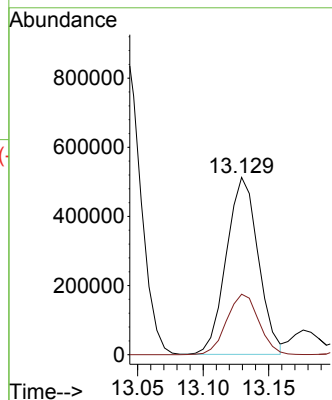
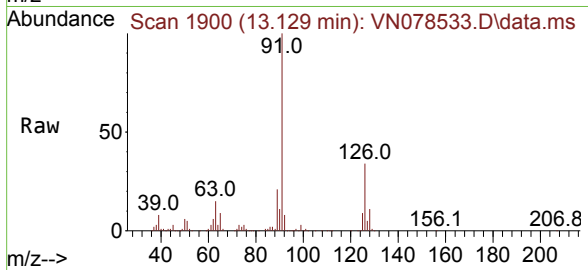




#79
2-Chlorotoluene
Concen: 43.658 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

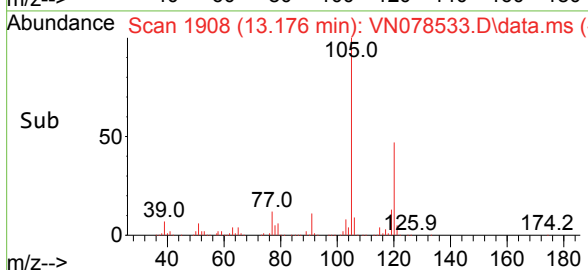
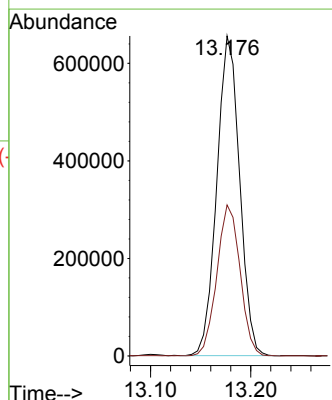
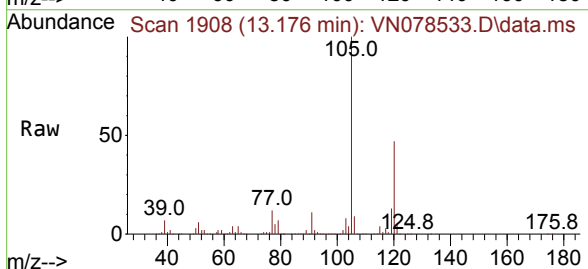
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

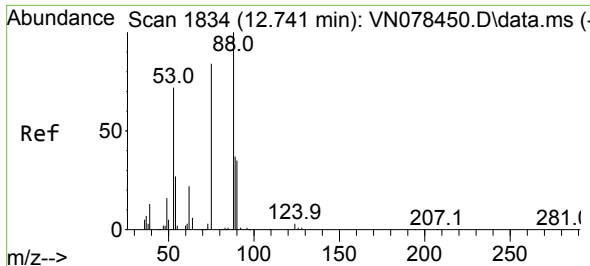
Tgt Ion: 91 Resp: 868906
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.123 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 105 Resp: 1035403
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3

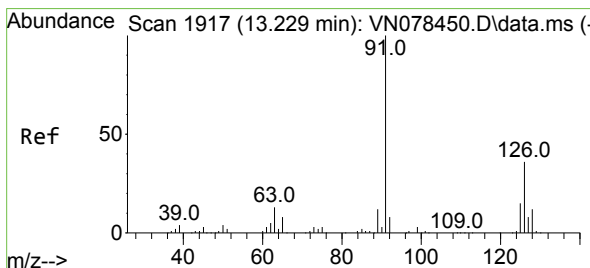
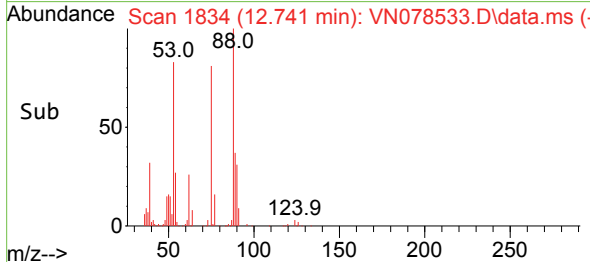
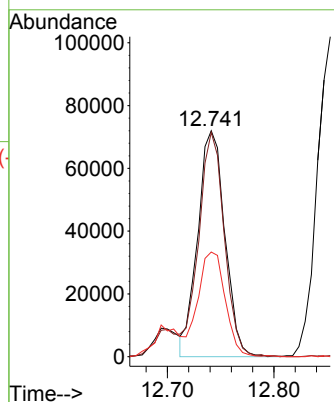
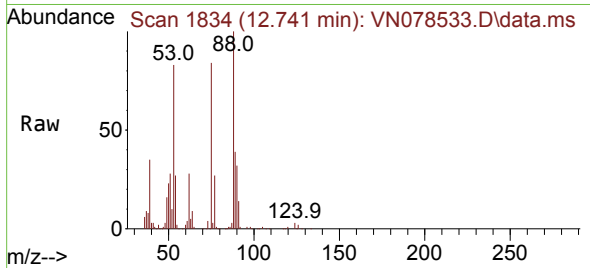




#81
trans-1,4-Dichloro-2-butene
Concen: 45.844 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

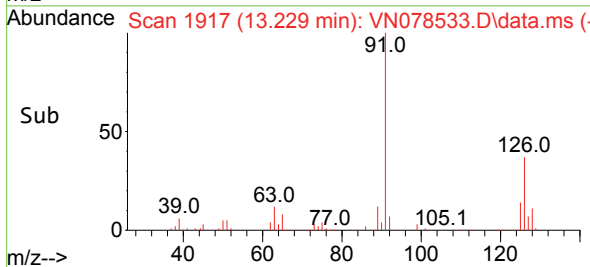
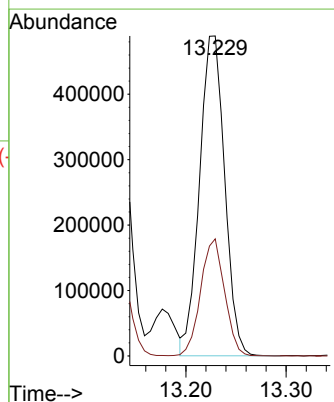
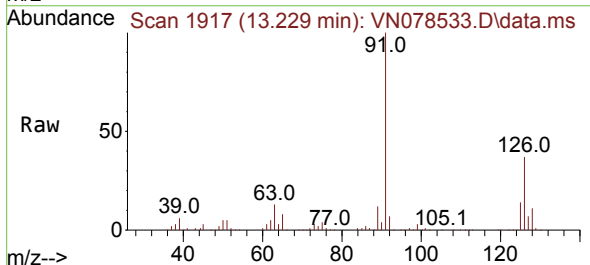
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

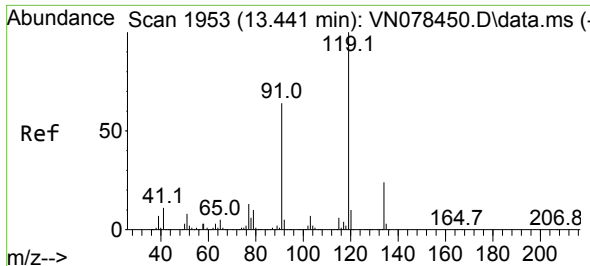
Tgt Ion: 75 Resp: 127503
Ion Ratio Lower Upper
75 100
53 93.7 67.4 101.2
89 45.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.934 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 91 Resp: 852833
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0

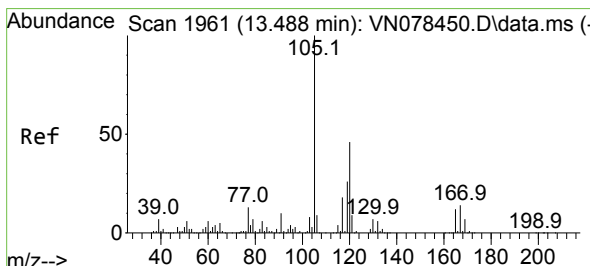
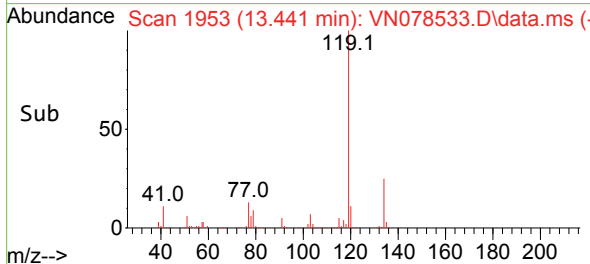
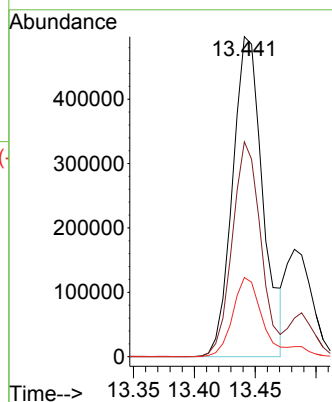
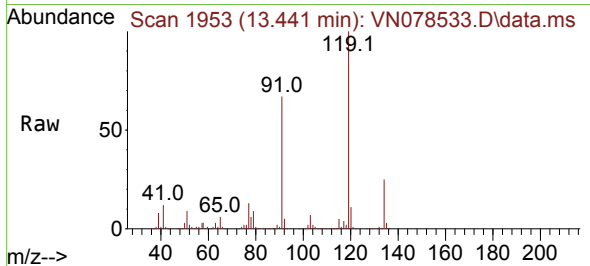




#83
tert-Butylbenzene
Concen: 45.124 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

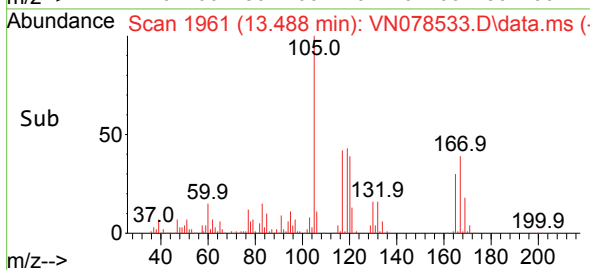
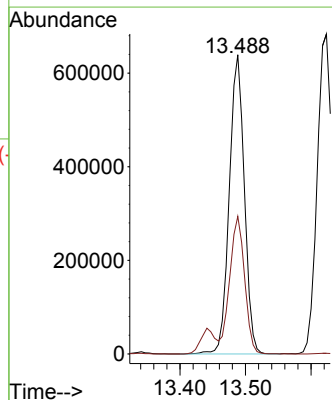
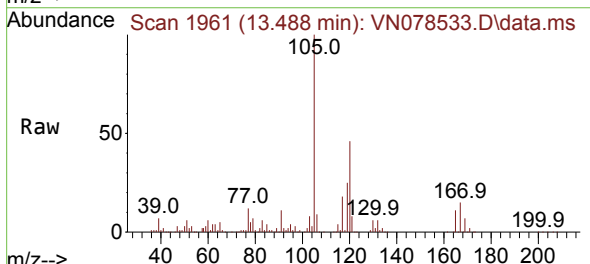
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

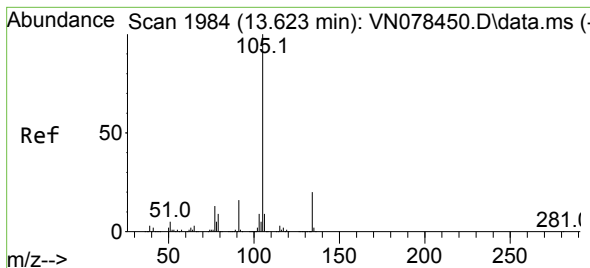
Tgt Ion:119 Resp: 860031
Ion Ratio Lower Upper
119 100
91 63.4 33.9 101.7
134 25.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 46.822 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:105 Resp: 1020956
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.160 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

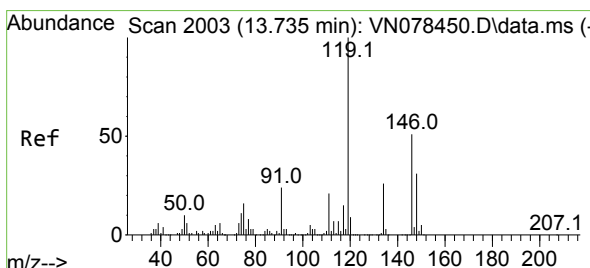
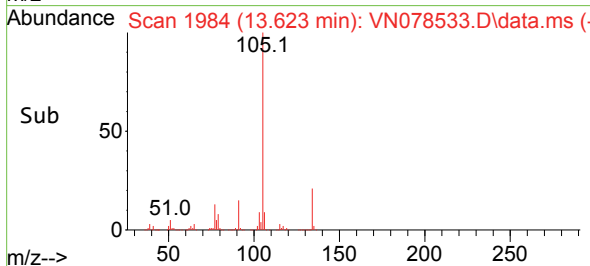
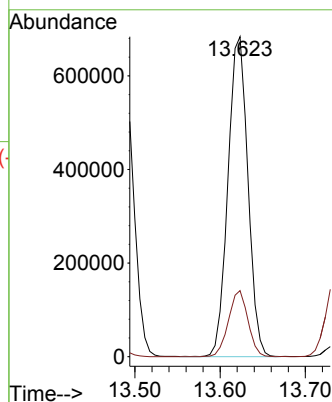
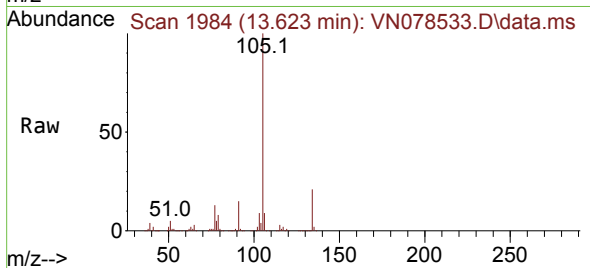
VSTDCCC050

Tgt Ion:105 Resp: 1112023

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.323 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

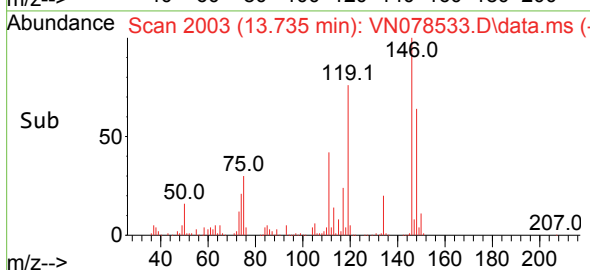
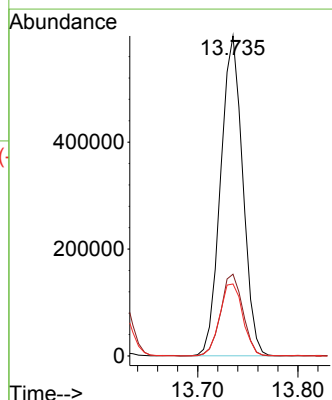
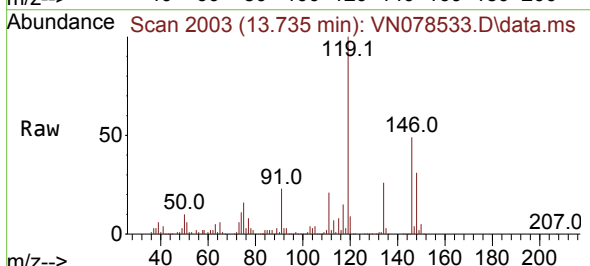
Tgt Ion:119 Resp: 915410

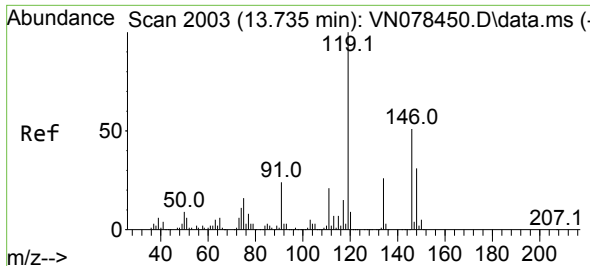
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 23.7 12.4 37.2

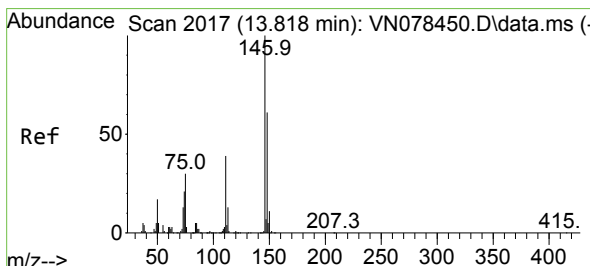
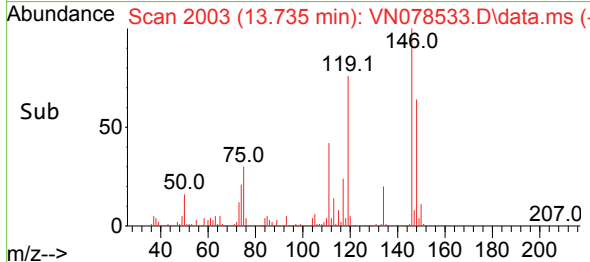
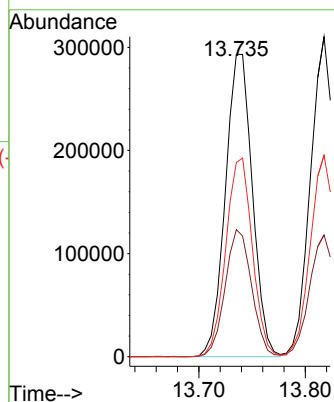
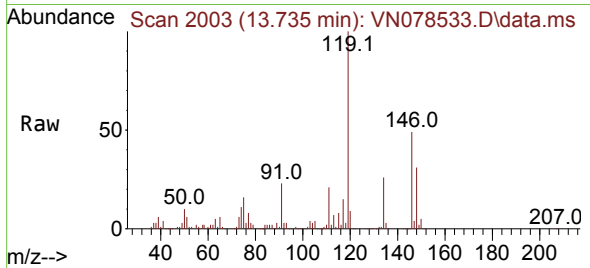




#87
1,3-Dichlorobenzene
Concen: 47.425 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

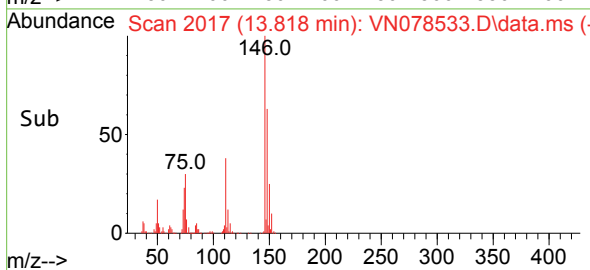
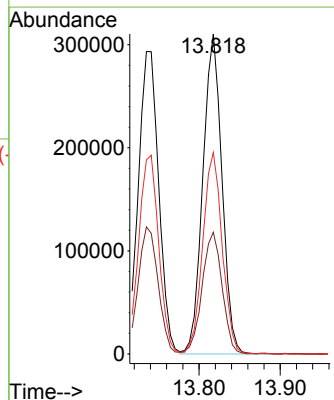
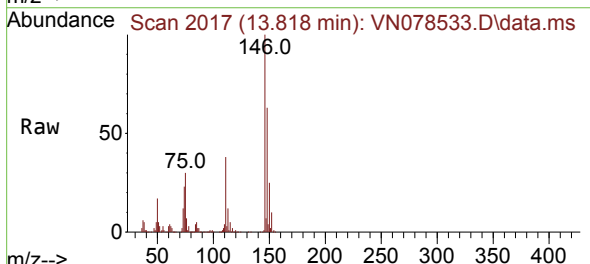
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

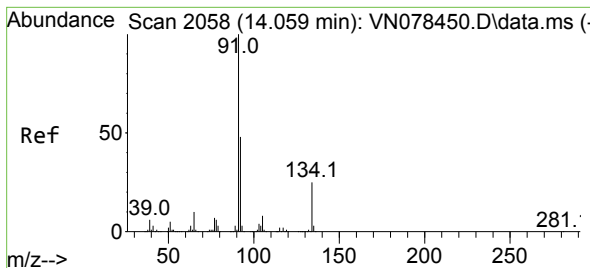
Tgt Ion:146 Resp: 517272
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 64.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 46.142 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:146 Resp: 506926
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 64.3 31.6 94.8

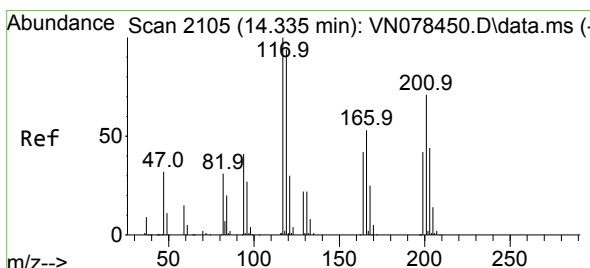
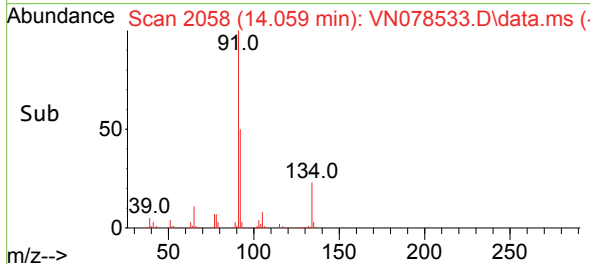
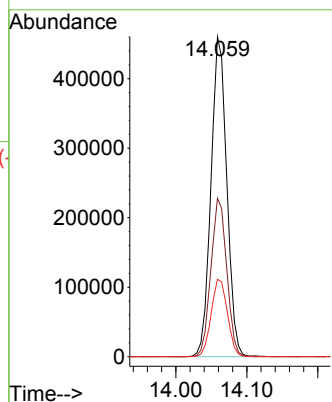
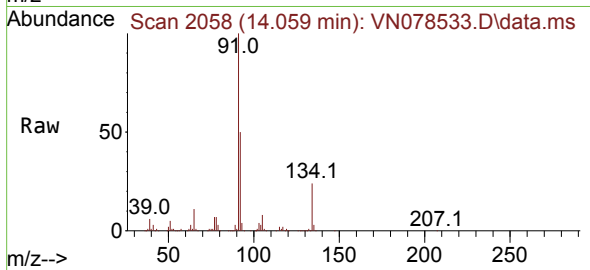




#89
n-Butylbenzene
Concen: 51.448 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

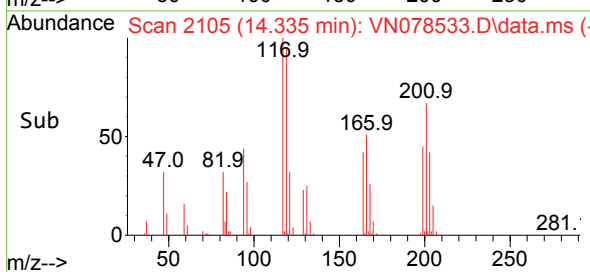
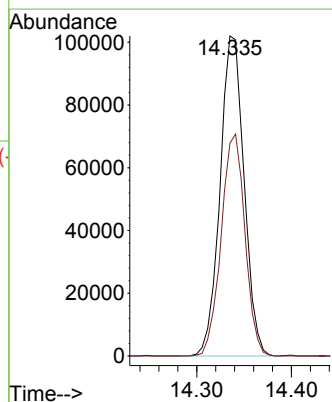
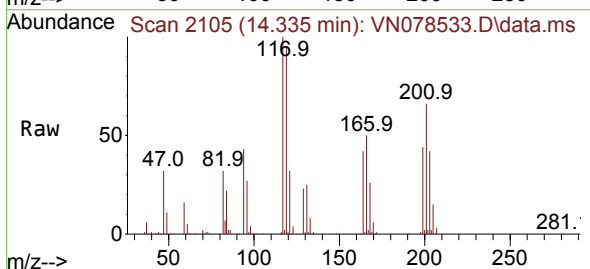
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

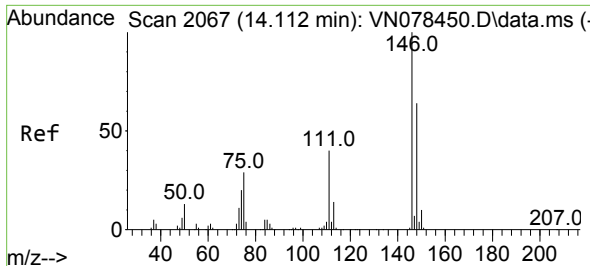
Tgt Ion: 91 Resp: 712083
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 24.9 12.6 37.6



#90
Hexachloroethane
Concen: 50.550 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 117 Resp: 179695
Ion Ratio Lower Upper
117 100
201 68.5 29.3 88.0

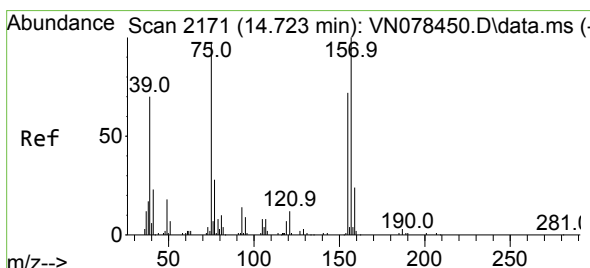
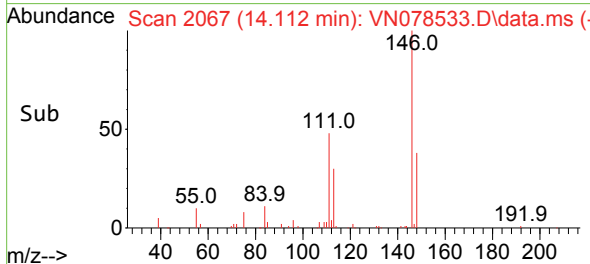
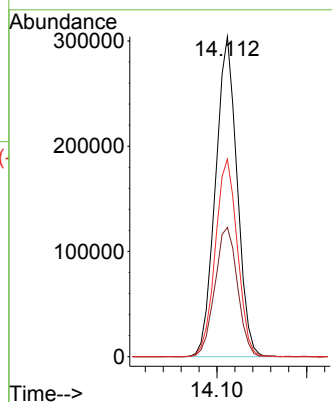
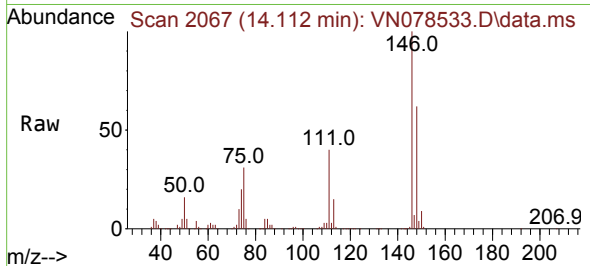




#91
1,2-Dichlorobenzene
Concen: 46.803 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

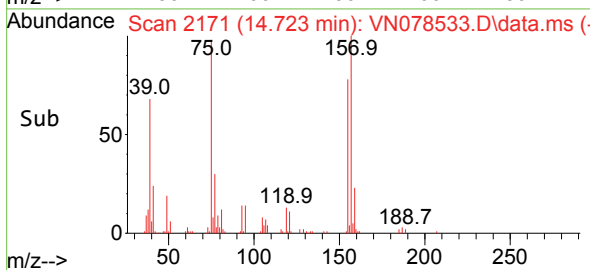
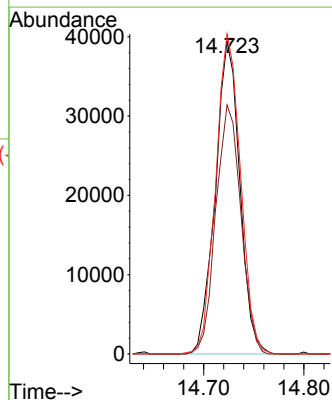
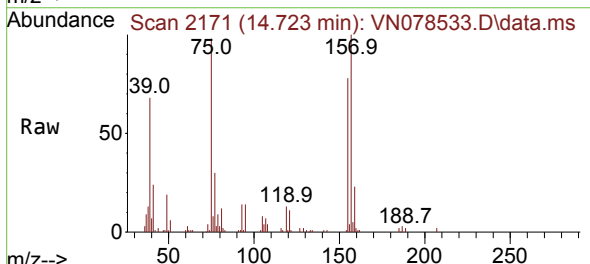
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

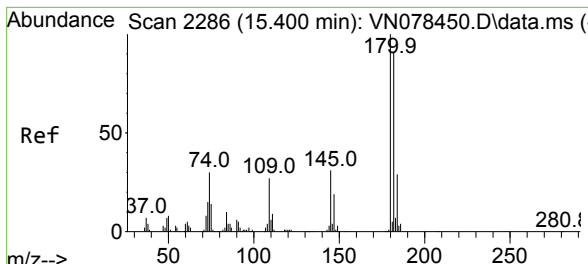
Tgt Ion:146 Resp: 508023
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.952 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 75 Resp: 66638
Ion Ratio Lower Upper
75 100
155 81.6 39.1 117.2
157 104.0 50.3 150.9



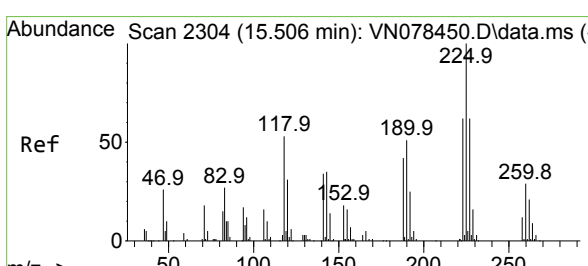
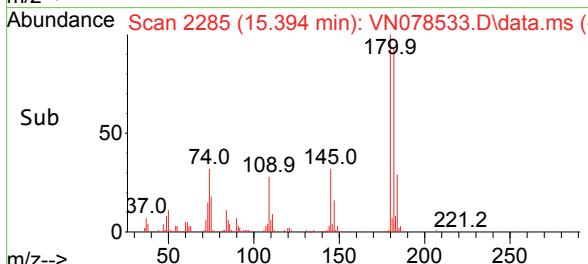
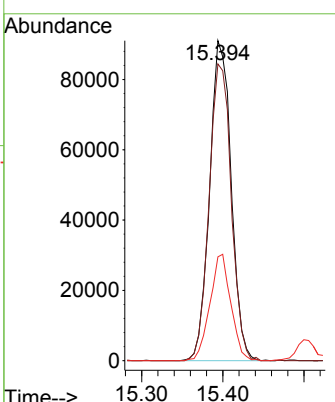
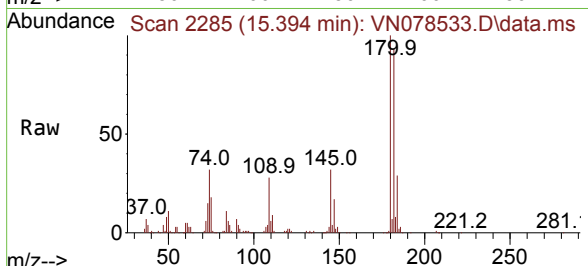


#93
 1,2,4-Trichlorobenzene
 Concen: 48.473 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 167923

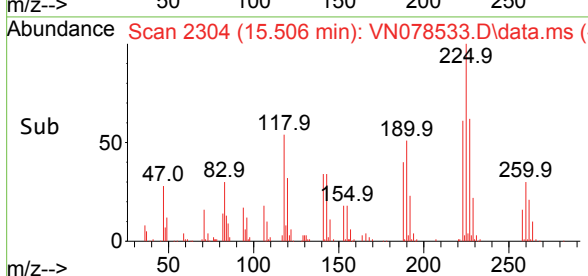
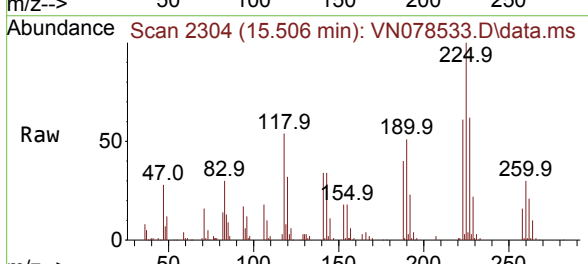
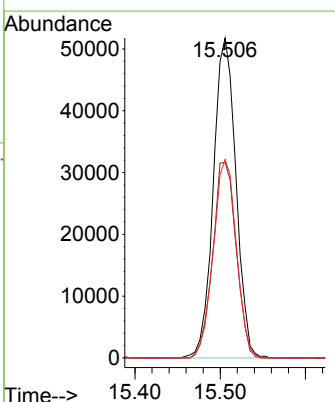
Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.1	138.2
145	32.3	16.6	49.8

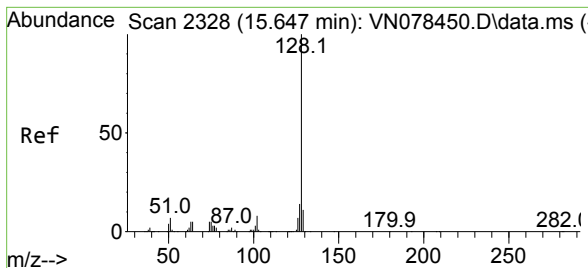


#94
 Hexachlorobutadiene
 Concen: 53.389 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

Tgt Ion:225 Resp: 95177

Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.8
227	63.5	31.9	95.9

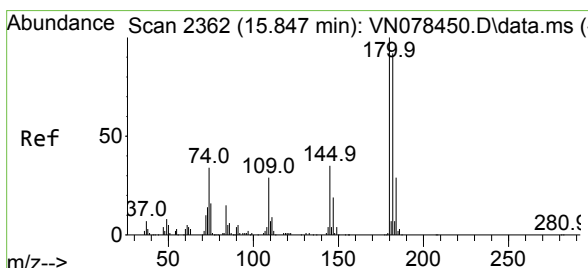
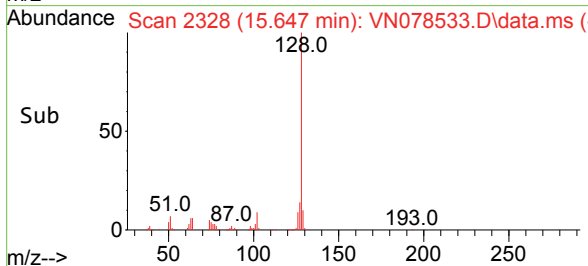
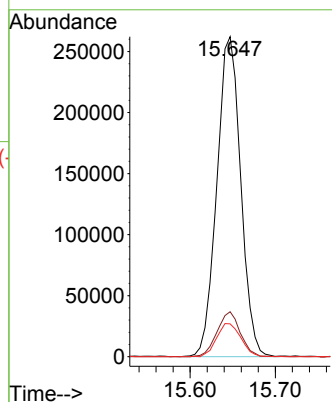
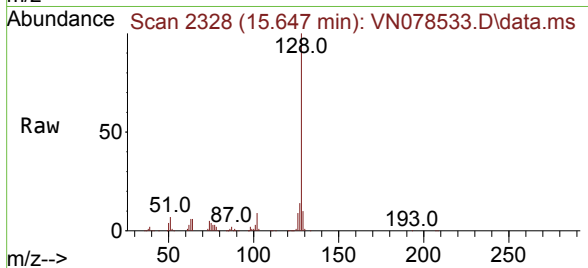




#95
Naphthalene
Concen: 43.025 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 509555
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.177 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:180 Resp: 187922
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 33.3 17.5 52.6

