

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078157.D
 Acq On : 12 Jun 2023 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 01:28:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	447751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	812188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	712168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	320310	53.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.300%	
35) Dibromofluoromethane	8.171	113	262649	51.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.300%	
50) Toluene-d8	10.571	98	1013438	51.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.853	95	332651	54.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	223835	44.224	ug/l	99
3) Chloromethane	2.371	50	236507	49.657	ug/l	98
4) Vinyl Chloride	2.518	62	310347	46.826	ug/l	100
5) Bromomethane	2.948	94	228323	45.585	ug/l	98
6) Chloroethane	3.118	64	213283	47.207	ug/l	97
7) Trichlorofluoromethane	3.501	101	414458	46.115	ug/l	95
8) Diethyl Ether	3.965	74	146866	46.507	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	230625	48.622	ug/l	98
10) Methyl Iodide	4.595	142	315267	47.000	ug/l	98
11) Tert butyl alcohol	5.530	59	205150	248.872	ug/l	98
12) 1,1-Dichloroethene	4.348	96	220169	45.029	ug/l	87
13) Acrolein	4.189	56	223256	245.740	ug/l	97
14) Allyl chloride	5.036	41	287630	48.191	ug/l	94
15) Acrylonitrile	5.730	53	553394	260.394	ug/l	98
16) Acetone	4.436	43	470691	273.920	ug/l	93
17) Carbon Disulfide	4.718	76	570515	45.333	ug/l	98
18) Methyl Acetate	5.030	43	394001	49.803	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	776757	49.792	ug/l	99
20) Methylene Chloride	5.289	84	264473	46.575	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	241254	45.748	ug/l	85
22) Diisopropyl ether	6.683	45	737574	52.536	ug/l	96
23) Vinyl Acetate	6.612	43	2175586	260.686	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	463801	50.078	ug/l	97
25) 2-Butanone	7.489	43	709492	268.497	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	403548	59.012	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	287574	45.716	ug/l	91
28) Bromochloromethane	7.824	49	226003	53.148	ug/l	88
29) Tetrahydrofuran	7.847	42	460229	260.532	ug/l #	85
30) Chloroform	7.971	83	498889	50.024	ug/l	90
31) Cyclohexane	8.265	56	371762	48.545	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	441812	50.461	ug/l	94
36) 1,1-Dichloropropene	8.377	75	363597	49.361	ug/l	98
37) Ethyl Acetate	7.565	43	296353	51.501	ug/l #	95
38) Carbon Tetrachloride	8.371	117	387381	49.806	ug/l	98
39) Methylcyclohexane	9.606	83	375798	49.229	ug/l	93
40) Benzene	8.612	78	1071456	48.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	157945	50.639	ug/l	93
42) 1,2-Dichloroethane	8.677	62	378098	50.146	ug/l	98
43) Isopropyl Acetate	8.694	43	514399	46.742	ug/l	94
44) Trichloroethene	9.359	130	273221	47.046	ug/l	98
45) 1,2-Dichloropropane	9.630	63	278393	50.882	ug/l	99
46) Dibromomethane	9.712	93	191646	47.555	ug/l	93
47) Bromodichloromethane	9.894	83	397484	53.098	ug/l	96
48) Methyl methacrylate	9.688	41	242215	52.447	ug/l	89
49) 1,4-Dioxane	9.700	88	99940	1029.603	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1521124	262.485	ug/l	93
52) Toluene	10.635	92	679546	48.943	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	415107	53.245	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	449533	52.162	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	272520	51.886	ug/l	95
56) Ethyl methacrylate	10.882	69	397340	51.955	ug/l	92
57) 1,3-Dichloropropane	11.171	76	457820	51.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	788163	255.113	ug/l	92
59) 2-Hexanone	11.200	43	1072293	265.743	ug/l	93
60) Dibromochloromethane	11.365	129	297495	51.762	ug/l	99
61) 1,2-Dibromoethane	11.477	107	274048	49.719	ug/l	98
64) Tetrachloroethene	11.112	164	242315	51.002	ug/l	98
65) Chlorobenzene	11.900	112	722644	47.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	275019	49.028	ug/l	97
67) Ethyl Benzene	11.971	91	1306846	49.659	ug/l	96
68) m/p-Xylenes	12.077	106	996536	99.364	ug/l	97
69) o-Xylene	12.406	106	487066	49.454	ug/l	96
70) Styrene	12.418	104	791701	51.061	ug/l	98
71) Bromoform	12.582	173	191632	52.936	ug/l #	100
73) Isopropylbenzene	12.700	105	1236404	45.505	ug/l	99
74) N-amyl acetate	12.500	43	414513	46.328	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	373144	49.929	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	459472	67.644	ug/l	72
77) Bromobenzene	12.982	156	280516	44.475	ug/l	99
78) n-propylbenzene	13.041	91	1423094	48.208	ug/l	100
79) 2-Chlorotoluene	13.129	91	851175	44.669	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1027759	46.721	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	115454	52.221	ug/l	93
82) 4-Chlorotoluene	13.224	91	818722	46.036	ug/l	97
83) tert-Butylbenzene	13.441	119	860413	44.996	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1008222	47.274	ug/l	99
85) sec-Butylbenzene	13.623	105	1153783	46.100	ug/l	99
86) p-Isopropyltoluene	13.735	119	955154	47.029	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	489801	45.909	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	479835	46.609	ug/l	99
89) n-Butylbenzene	14.065	91	753132	47.013	ug/l	98
90) Hexachloroethane	14.341	117	175586	48.715	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	475179	45.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62602	46.516	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	180458	48.575	ug/l	97
94) Hexachlorobutadiene	15.506	225	88321	48.415	ug/l	98
95) Naphthalene	15.647	128	572185	45.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	191550	46.101	ug/l	99

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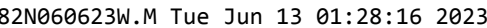
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

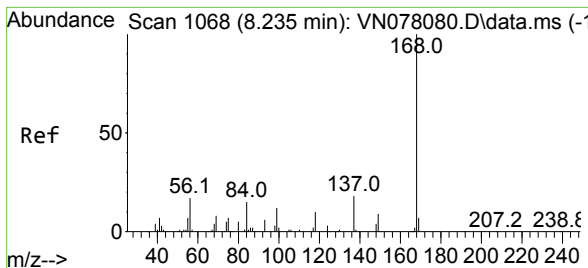
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QLast Update : Wed Jun 07 05:05:00 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.005 min

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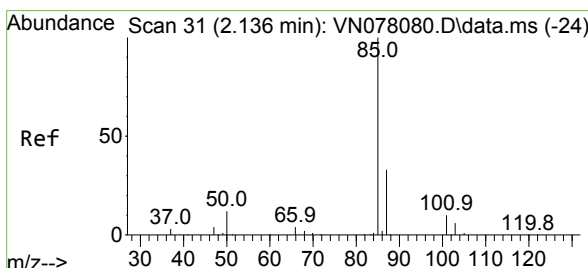
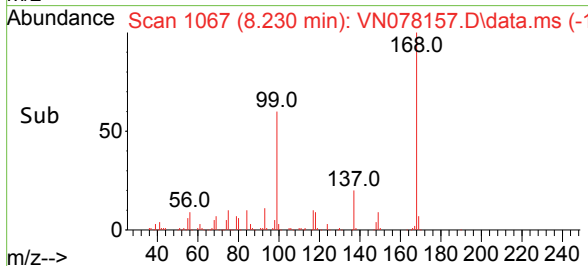
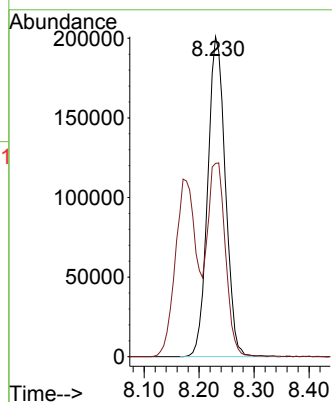
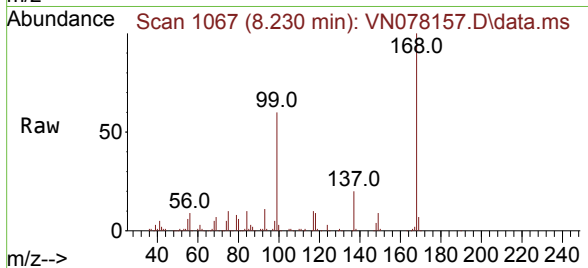
VSTDCCC050

Tgt Ion:168 Resp: 447751

Ion Ratio Lower Upper

168 100

99 60.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 44.224 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078157.D

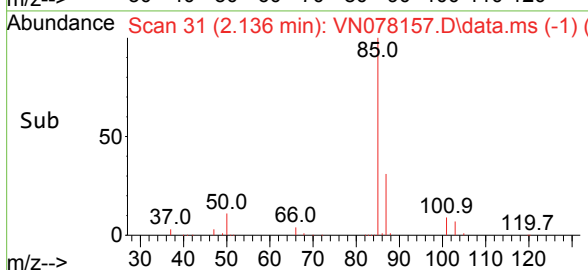
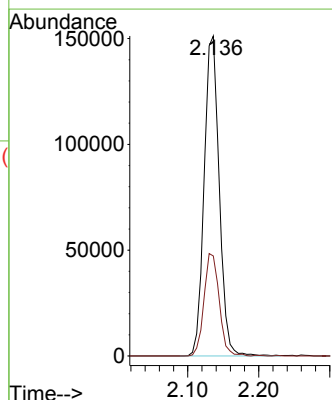
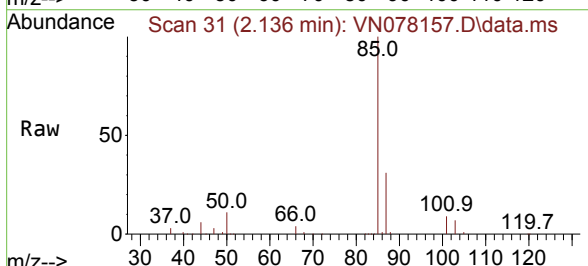
Acq: 12 Jun 2023 10:19

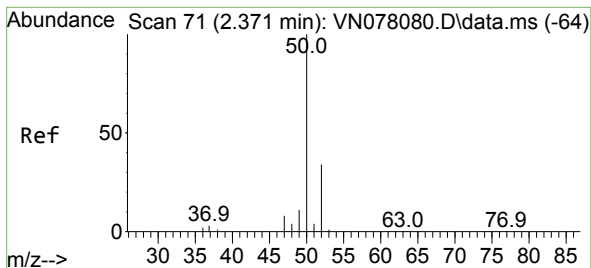
Tgt Ion: 85 Resp: 223835

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4





#3

Chloromethane

Concen: 49.657 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

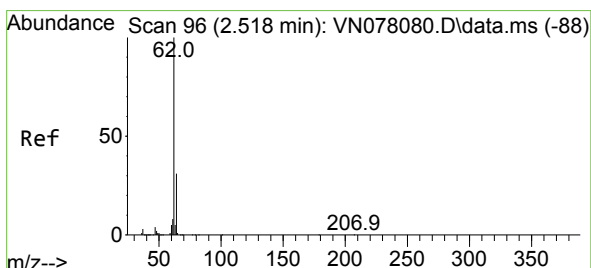
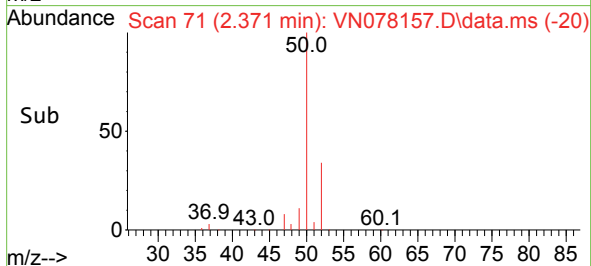
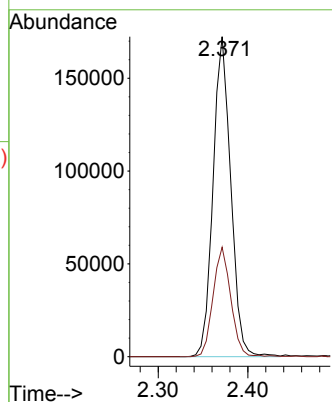
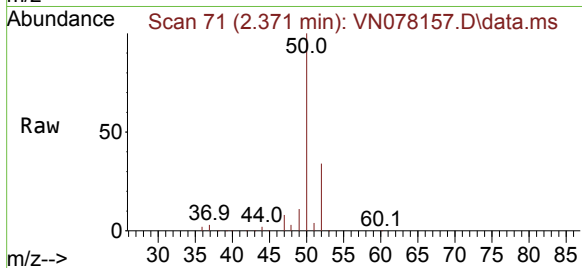
VSTDCCC050

Tgt Ion: 50 Resp: 236507

Ion Ratio Lower Upper

50 100

52 34.2 26.5 39.7



#4

Vinyl Chloride

Concen: 46.826 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078157.D

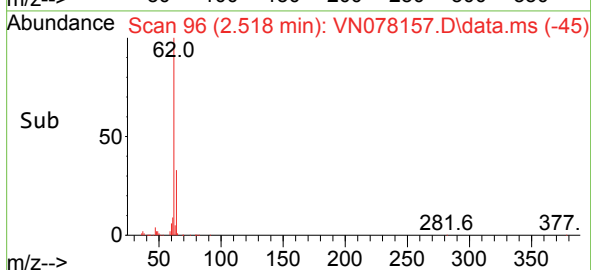
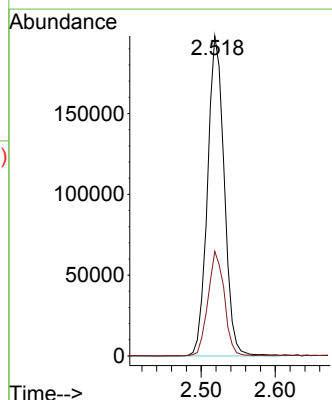
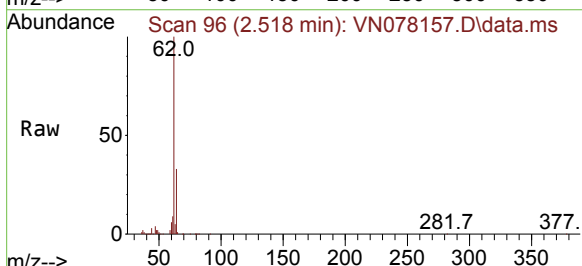
Acq: 12 Jun 2023 10:19

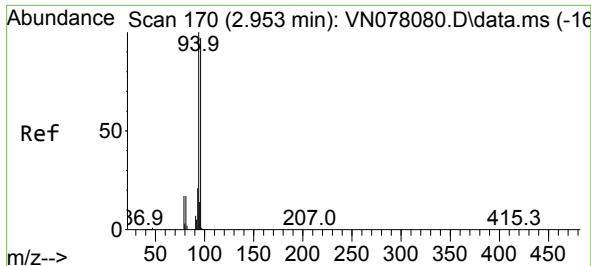
Tgt Ion: 62 Resp: 310347

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2

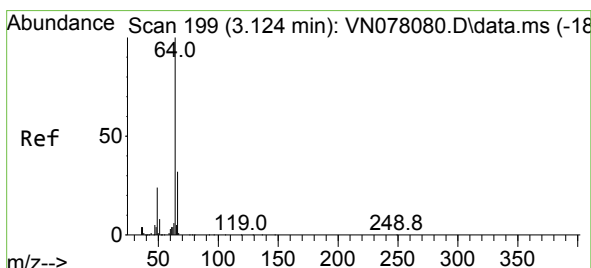
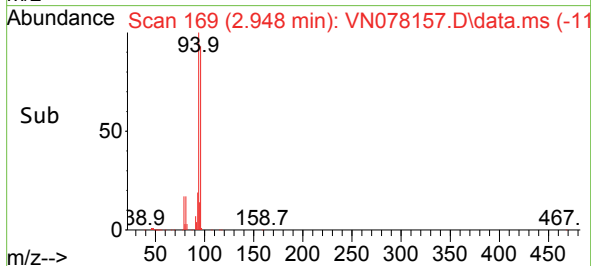
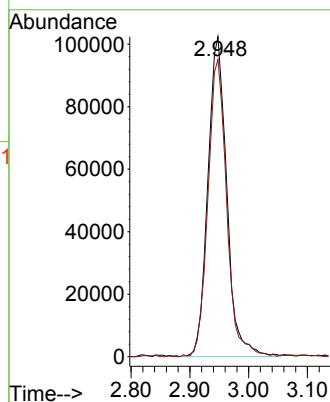
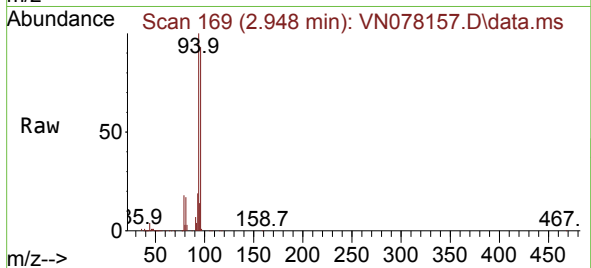




#5
Bromomethane
Concen: 45.585 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078157.D
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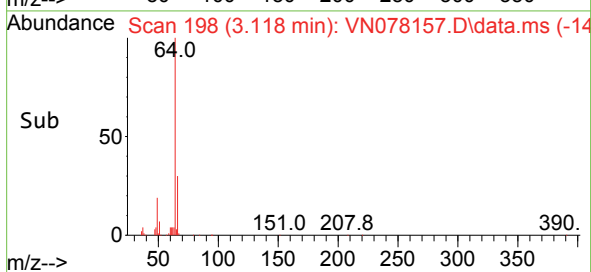
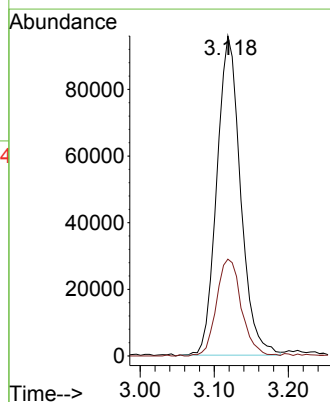
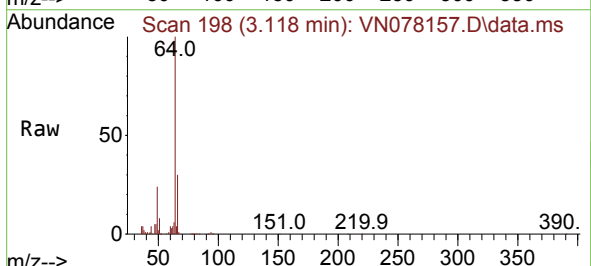
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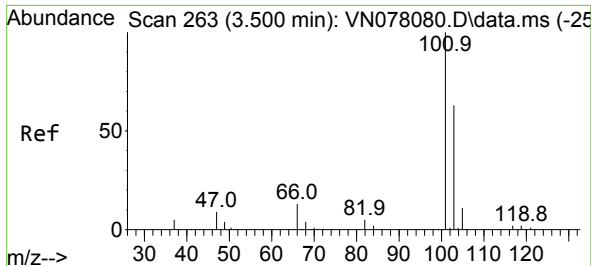
Tgt Ion: 94 Resp: 228323
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7



#6
Chloroethane
Concen: 47.207 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 64 Resp: 213283
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2

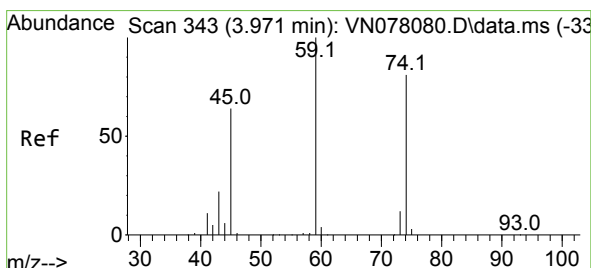
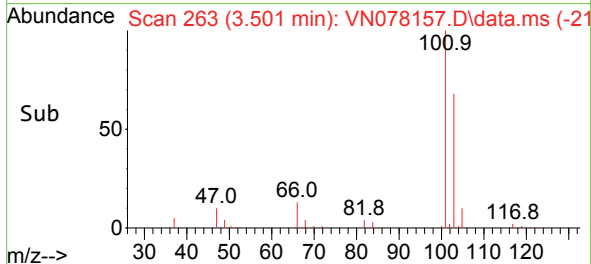
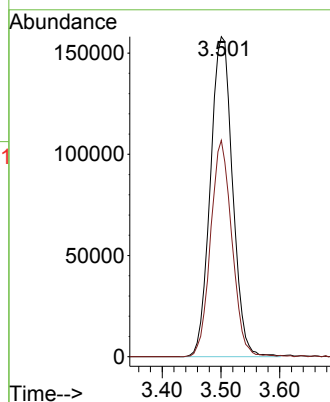
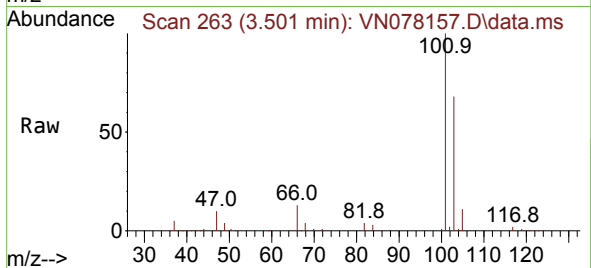




#7
Trichlorofluoromethane
Concen: 46.115 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078157.D
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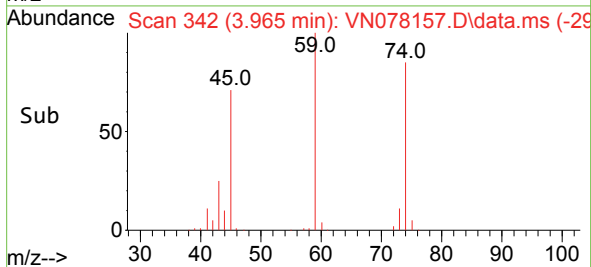
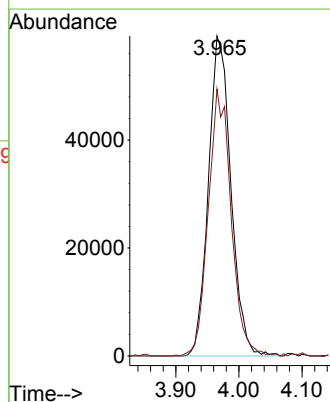
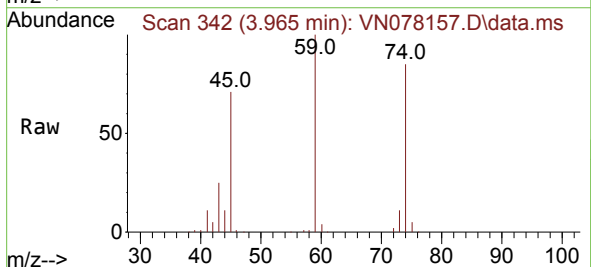
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VSTDCCC050

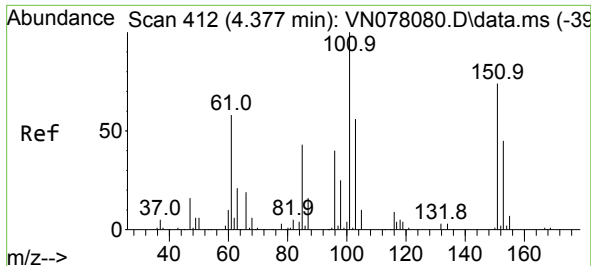
Tgt Ion:101 Resp: 414458
Ion Ratio Lower Upper
101 100
103 67.6 50.7 76.1



#8
Diethyl Ether
Concen: 46.507 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 146866
Ion Ratio Lower Upper
74 100
45 84.7 34.4 103.3

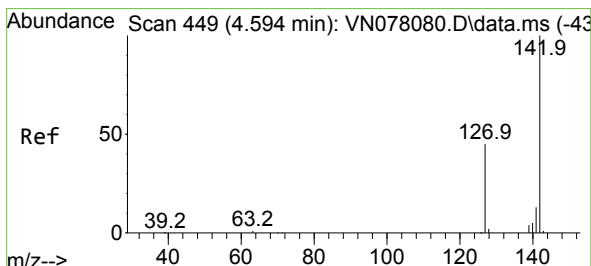
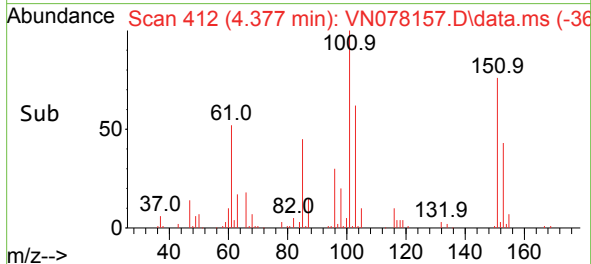
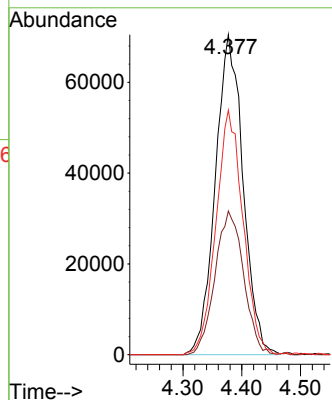
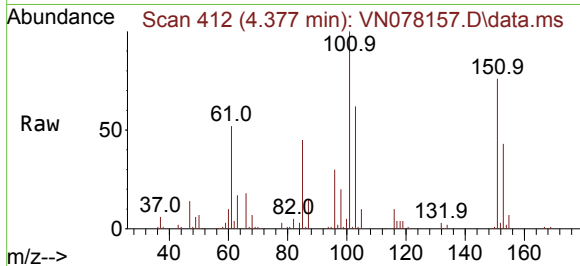




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.622 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
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Acq: 12 Jun 2023 10:19

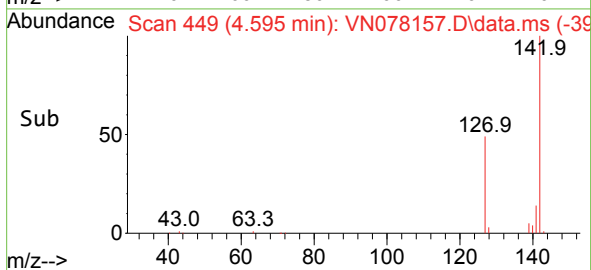
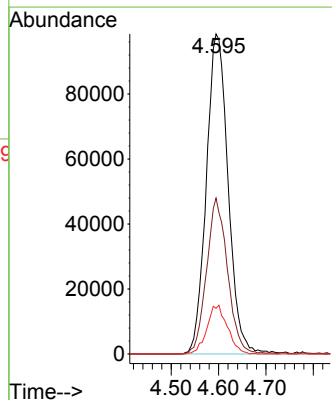
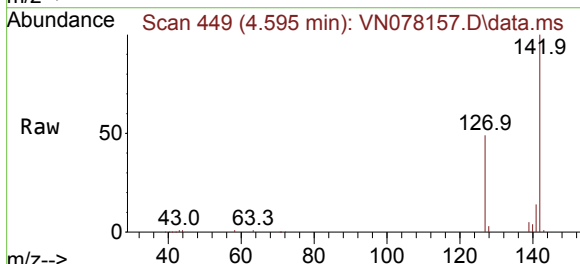
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

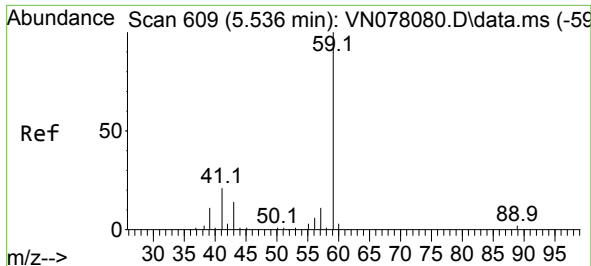
Tgt Ion:101 Resp: 230625
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 47.000 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:142 Resp: 315267
Ion Ratio Lower Upper
142 100
127 48.7 37.6 56.4
141 14.3 11.4 17.0

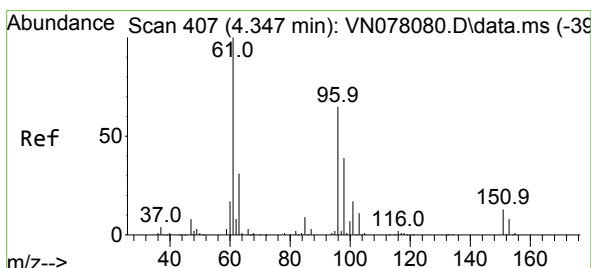
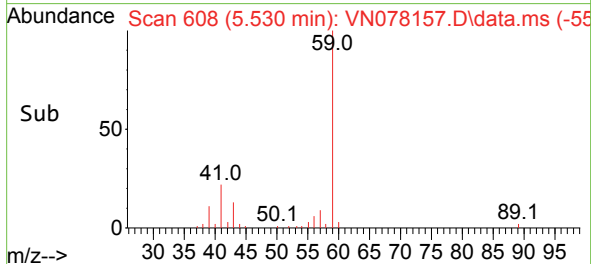
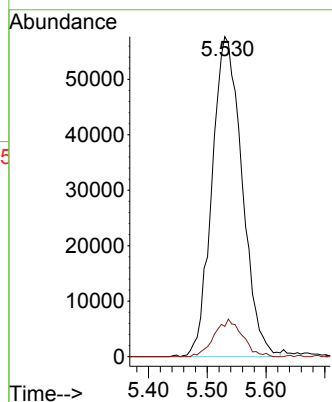
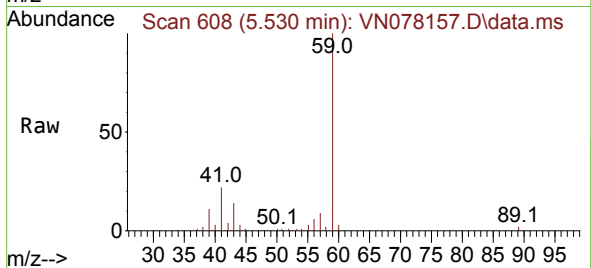




#11
Tert butyl alcohol
Concen: 248.872 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

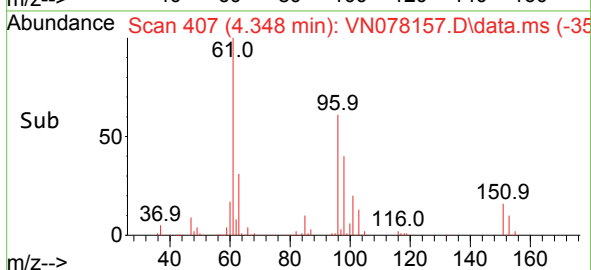
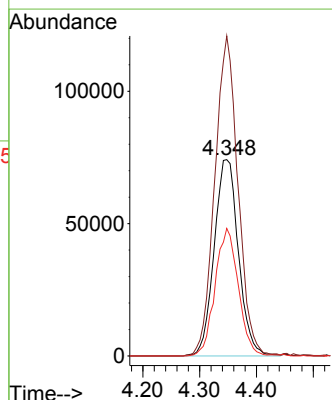
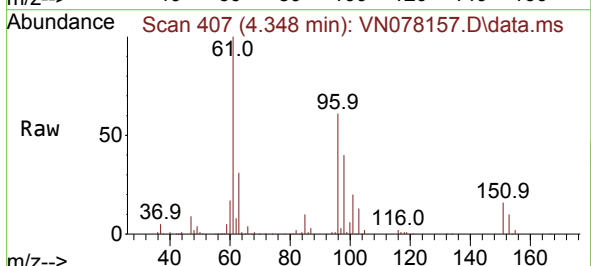
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

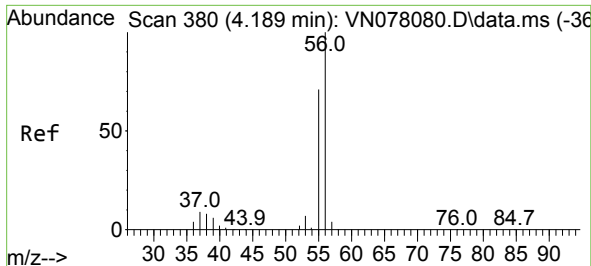
Tgt Ion: 59 Resp: 205150
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.029 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 96 Resp: 220169
Ion Ratio Lower Upper
96 100
61 163.0 112.7 169.1
98 64.9 51.2 76.8





#13

Acrolein

Concen: 245.740 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

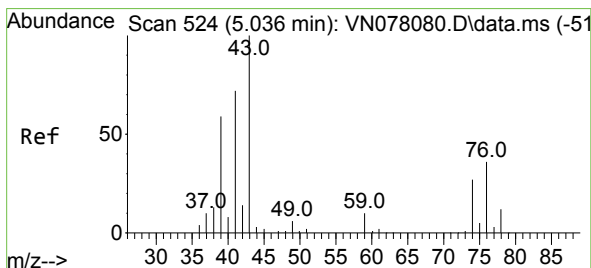
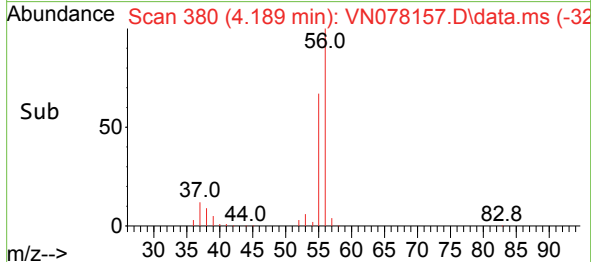
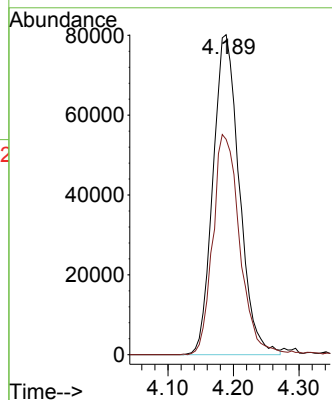
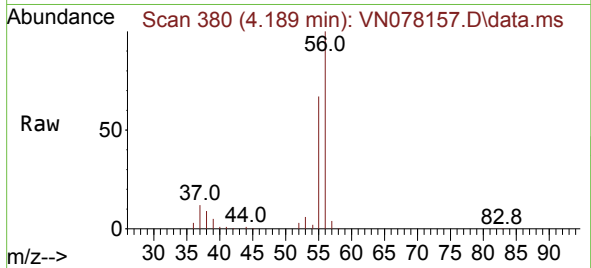
VSTDCCC050

Tgt Ion: 56 Resp: 223256

Ion Ratio Lower Upper

56 100

55 70.1 54.5 81.7



#14

Allyl chloride

Concen: 48.191 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

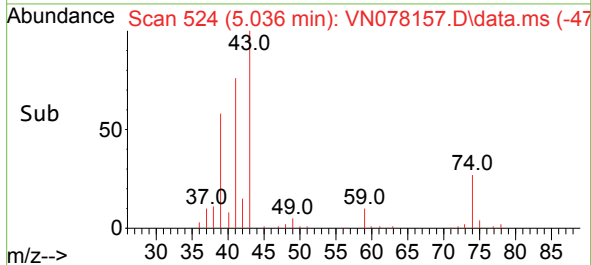
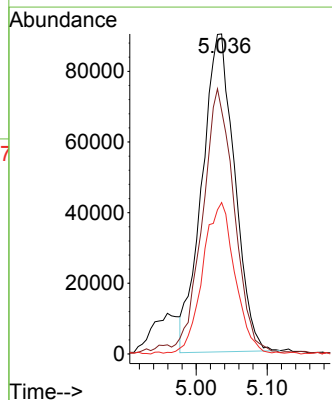
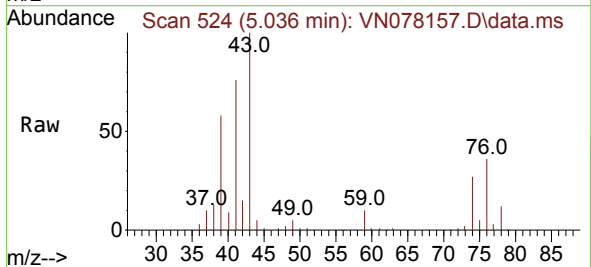
Tgt Ion: 41 Resp: 287630

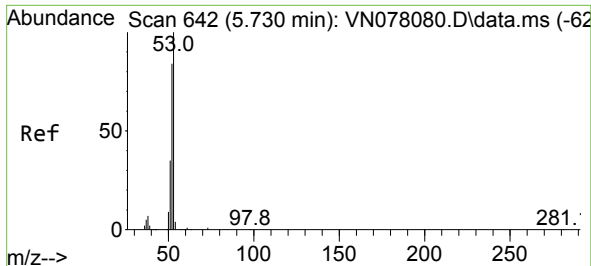
Ion Ratio Lower Upper

41 100

39 80.1 58.8 88.2

76 46.4 39.1 58.7

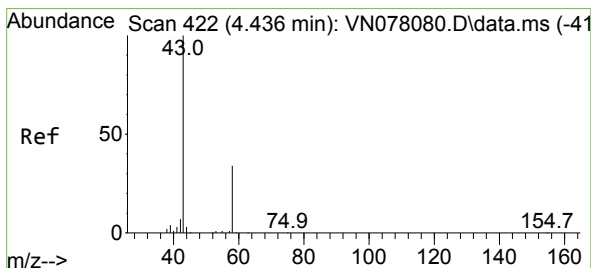
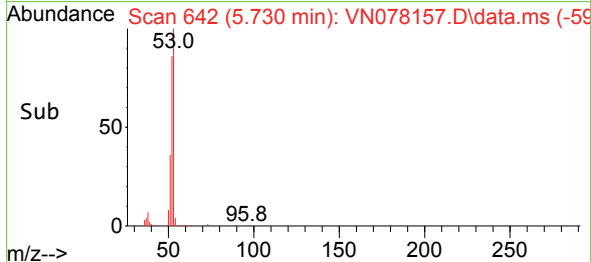
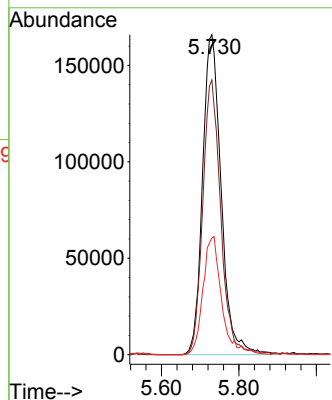
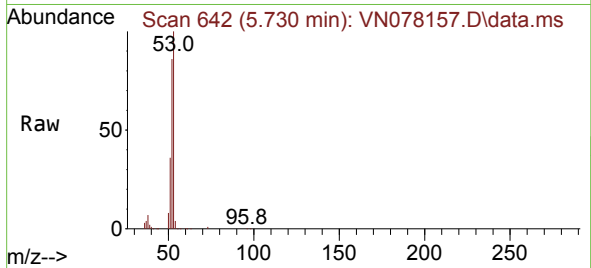




#15
Acrylonitrile
Concen: 260.394 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

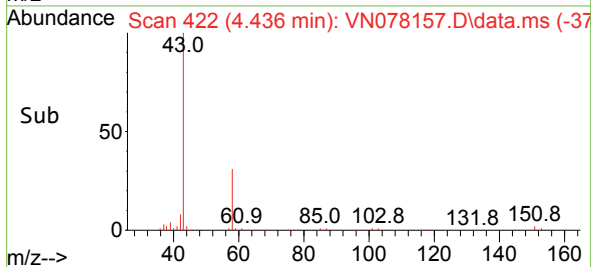
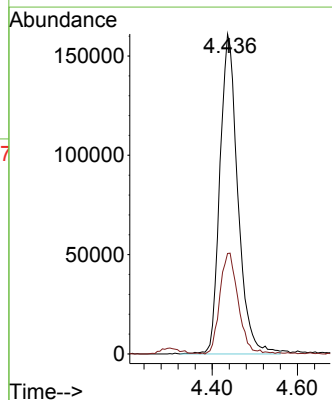
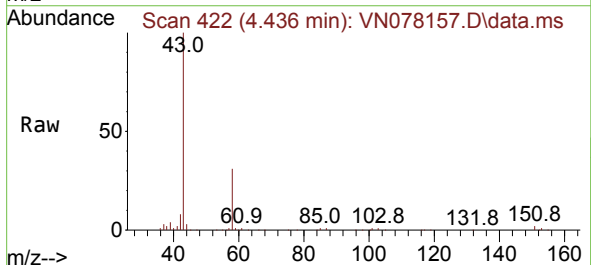
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

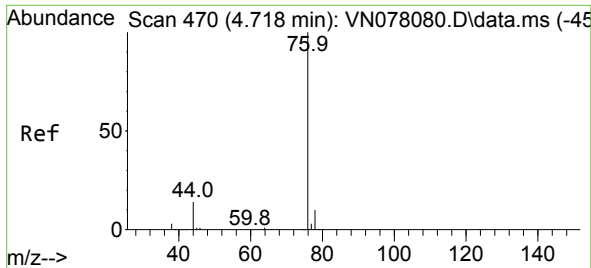
Tgt Ion: 53 Resp: 553394
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 37.0 28.9 43.3



#16
Acetone
Concen: 273.920 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 43 Resp: 470691
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

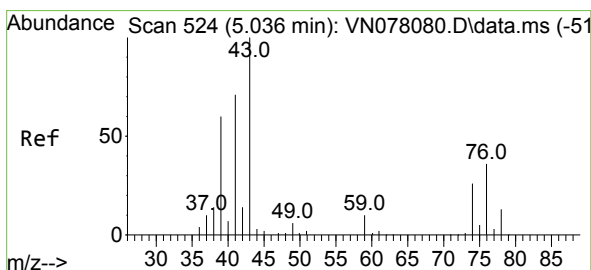
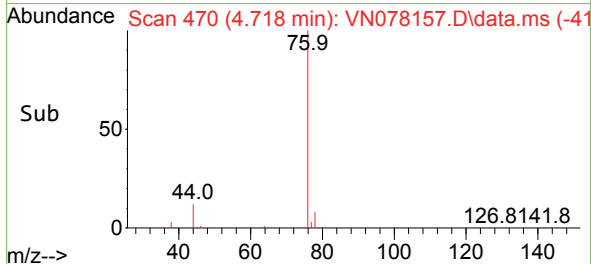
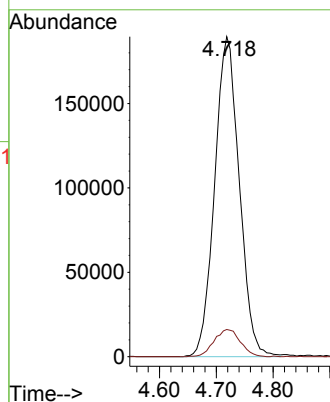
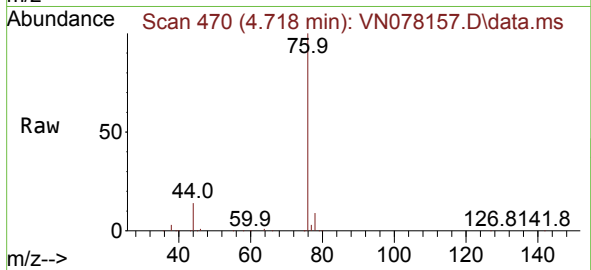




#17
Carbon Disulfide
Concen: 45.333 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

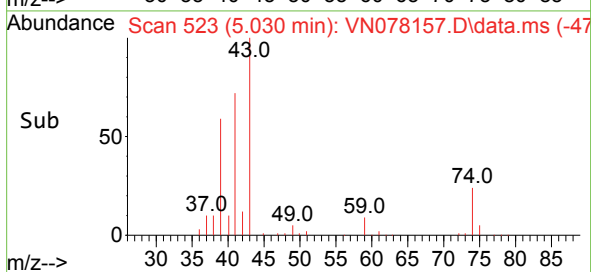
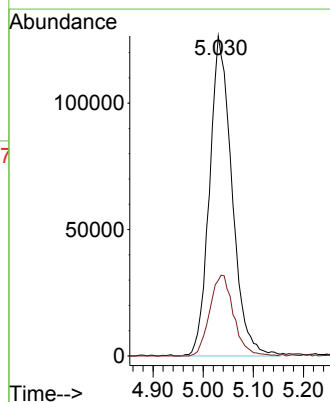
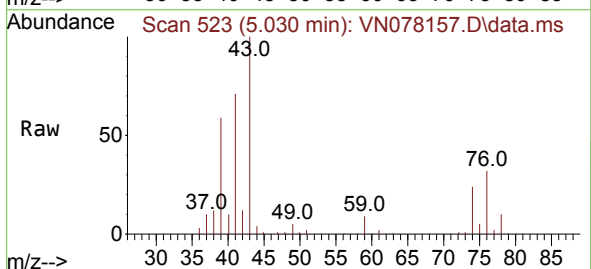
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

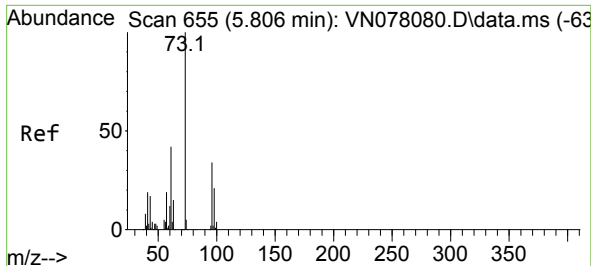
Tgt Ion: 76 Resp: 570515
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 49.803 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 43 Resp: 394001
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4

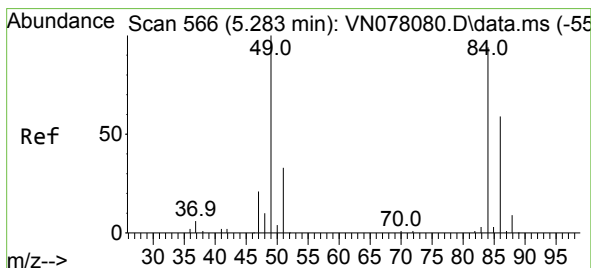
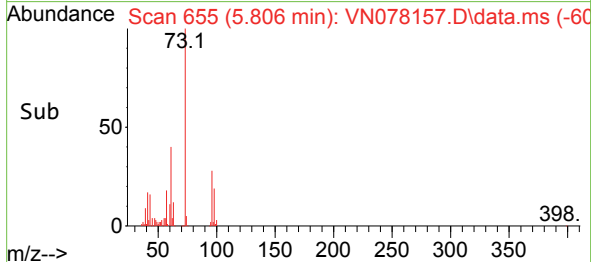
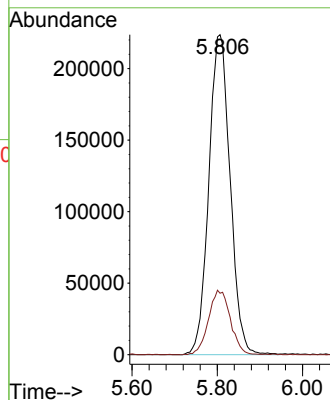
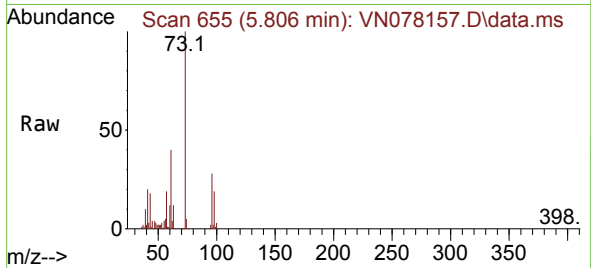




#19
Methyl tert-butyl Ether
Concen: 49.792 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

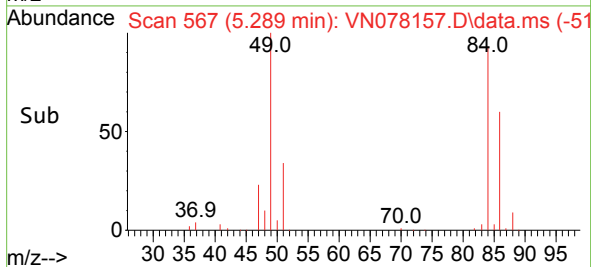
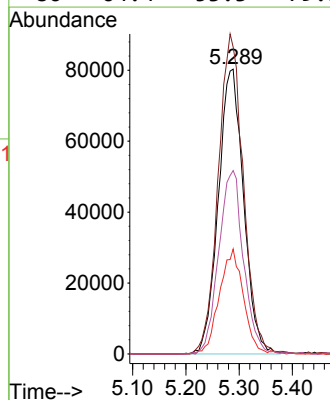
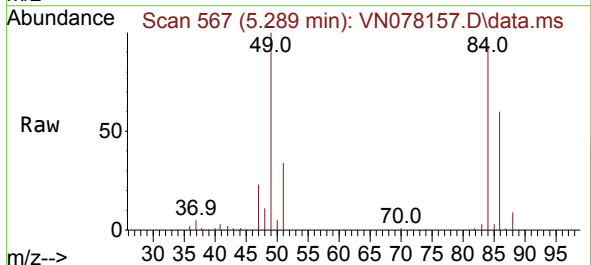
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

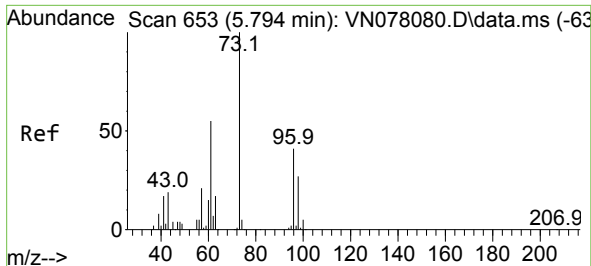
Tgt Ion: 73 Resp: 776757
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4



#20
Methylene Chloride
Concen: 46.575 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 84 Resp: 264473
Ion Ratio Lower Upper
84 100
49 107.7 79.7 119.5
51 36.8 25.2 37.8
86 64.4 53.3 79.9

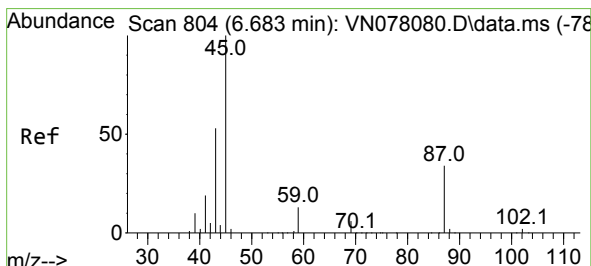
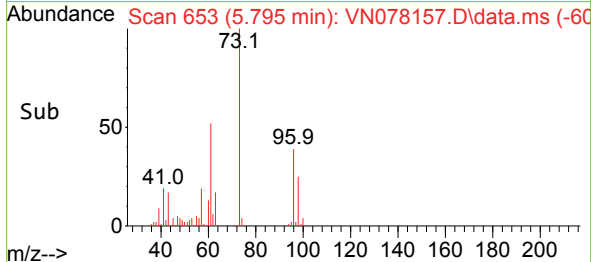
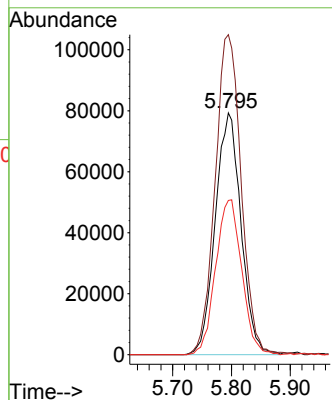
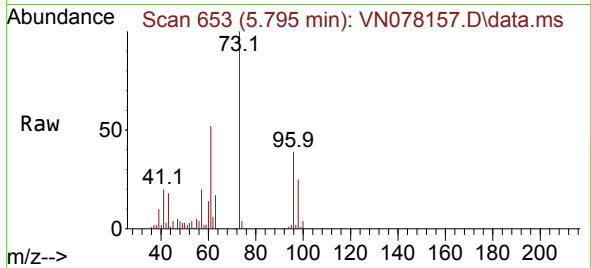




#21
trans-1,2-Dichloroethene
Concen: 45.748 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

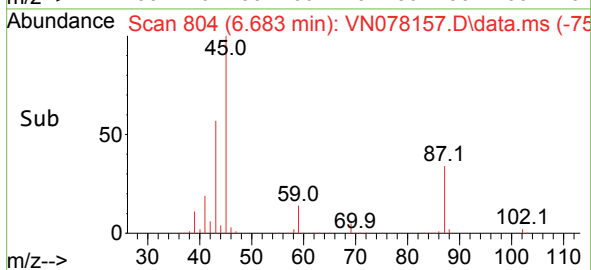
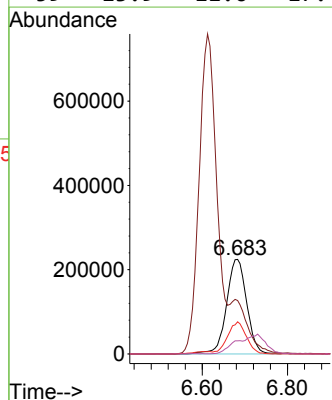
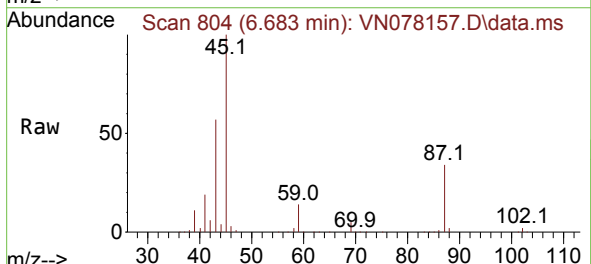
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

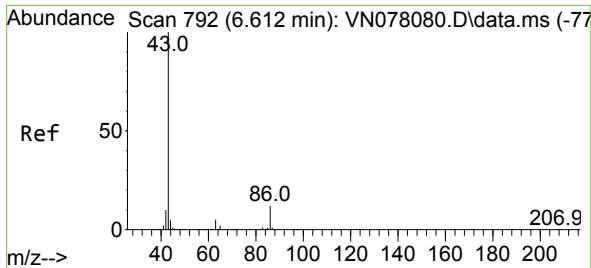
Tgt Ion: 96 Resp: 241254
Ion Ratio Lower Upper
96 100
61 132.4 90.1 135.1
98 63.8 46.4 69.6



#22
Diisopropyl ether
Concen: 52.536 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 45 Resp: 737574
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 34.0 31.8 47.8
59 13.9 11.6 17.4

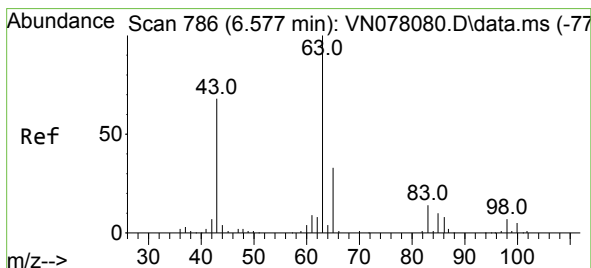
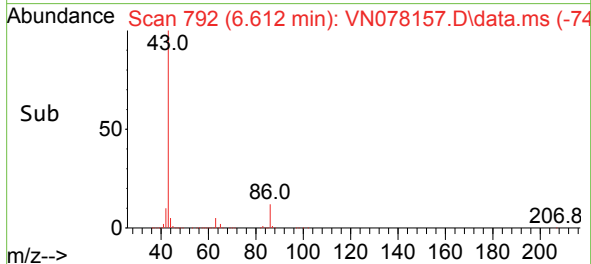
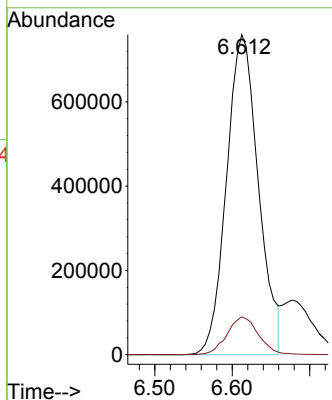
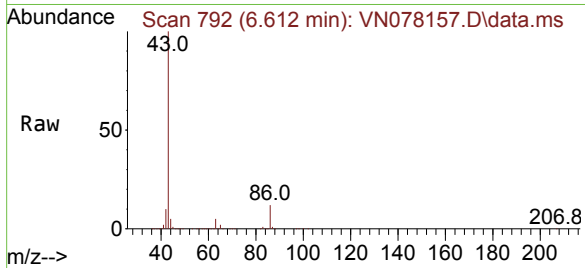




#23
 Vinyl Acetate
 Concen: 260.686 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

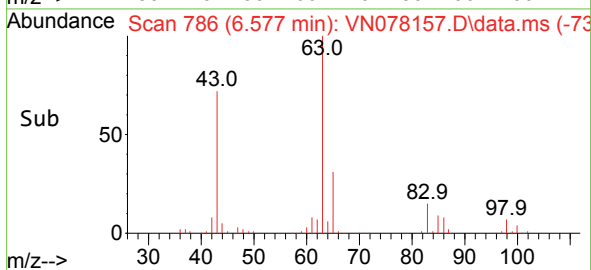
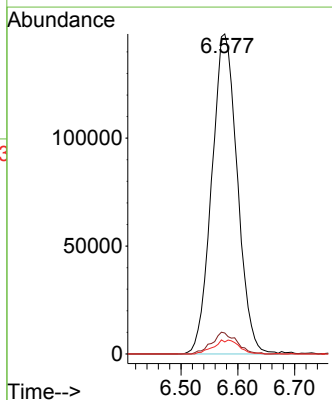
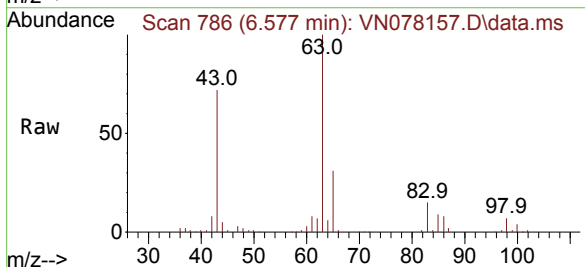
Instrument :
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 VSTDCCC050

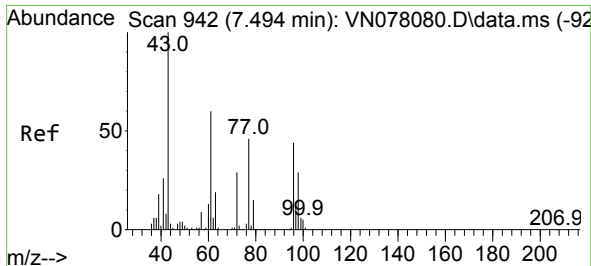
Tgt Ion: 43 Resp: 2175586
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.078 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

Tgt Ion: 63 Resp: 463801
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.8 2.5 7.4

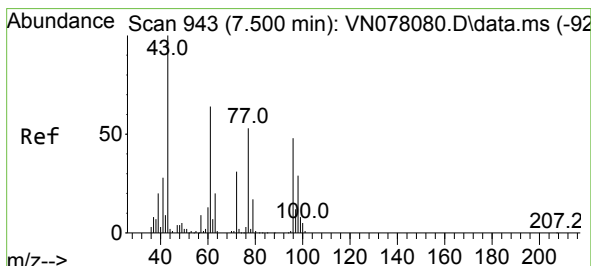
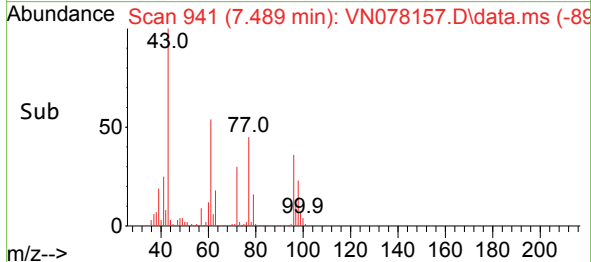
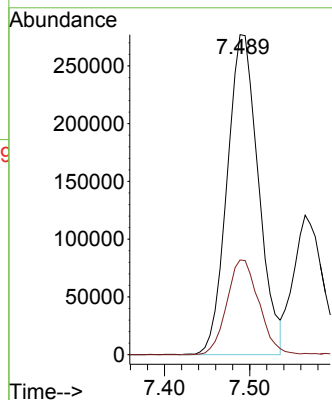
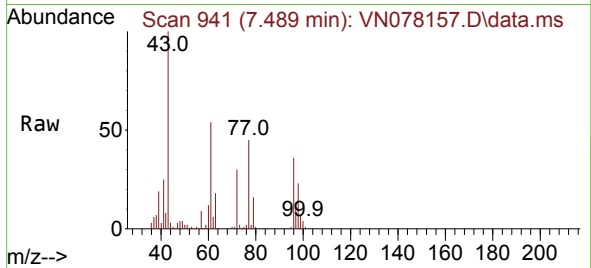




#25
2-Butanone
Concen: 268.497 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

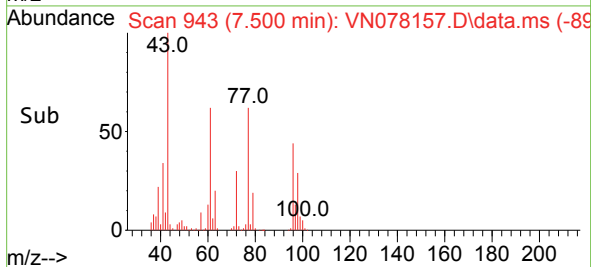
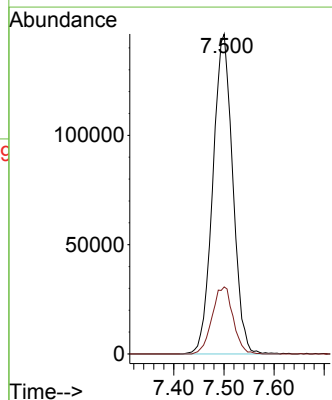
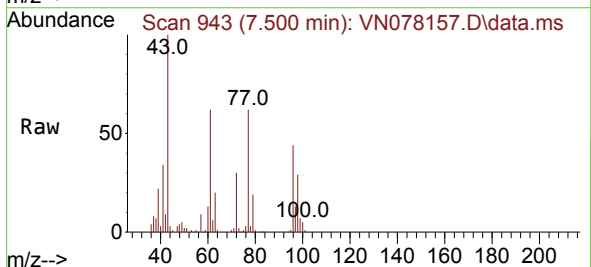
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

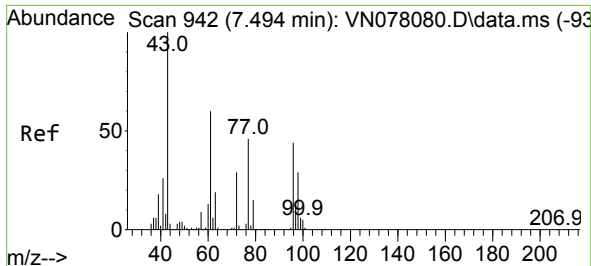
Tgt Ion: 43 Resp: 709492
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 59.012 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 77 Resp: 403548
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

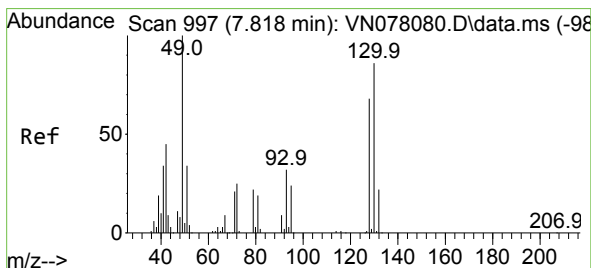
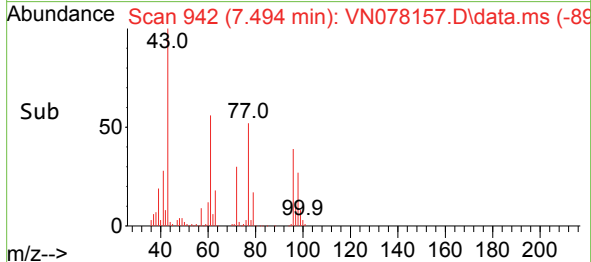
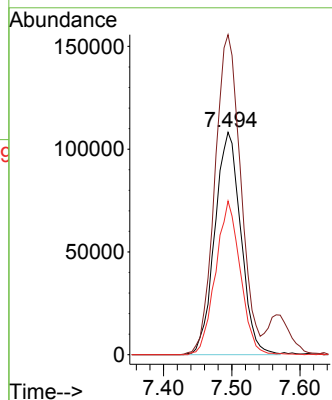
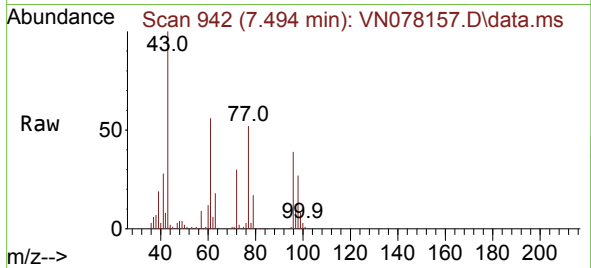




#27
 cis-1,2-Dichloroethene
 Concen: 45.716 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

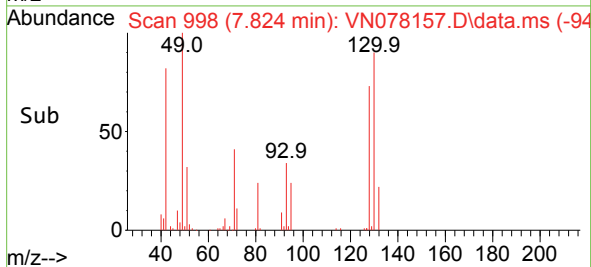
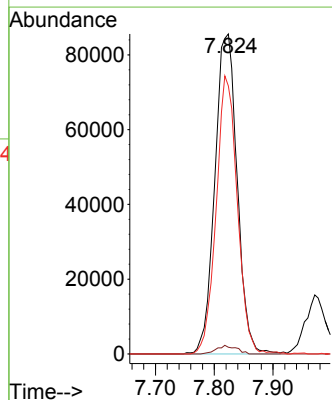
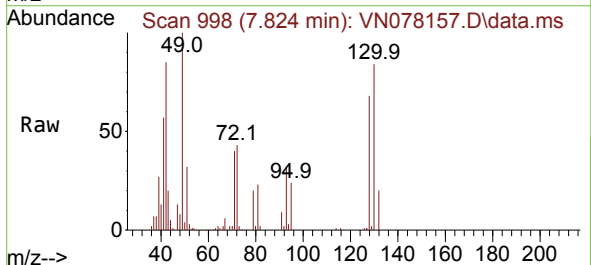
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

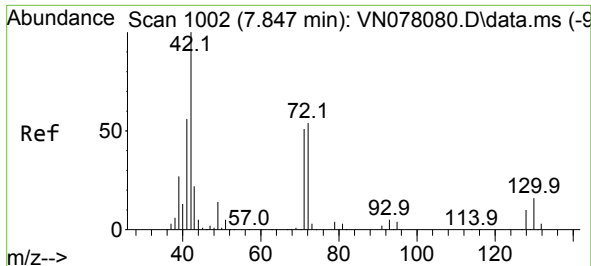
Tgt Ion: 96 Resp: 287574
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 255.2
 98 65.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.148 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

Tgt Ion: 49 Resp: 226003
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 82.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 260.532 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

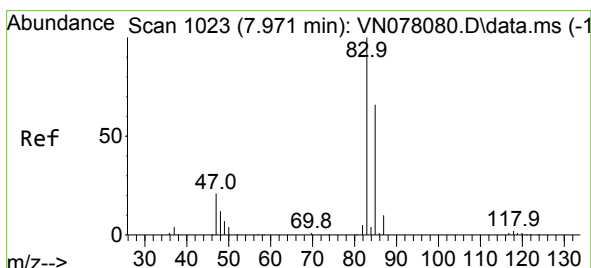
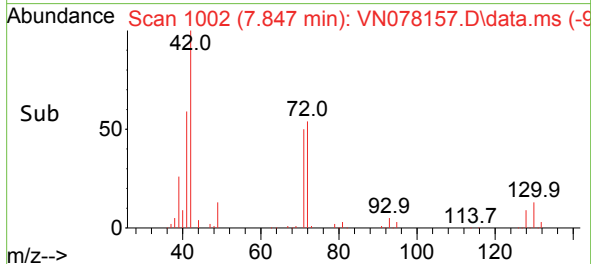
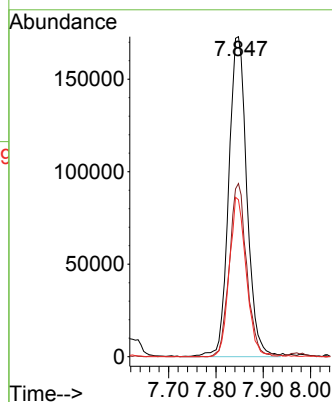
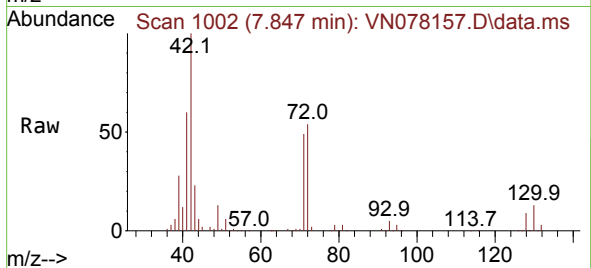
Tgt Ion: 42 Resp: 460229

Ion Ratio Lower Upper

42 100

72 51.9 49.8 74.6

71 46.5 47.4 71.2#



#30

Chloroform

Concen: 50.024 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078157.D

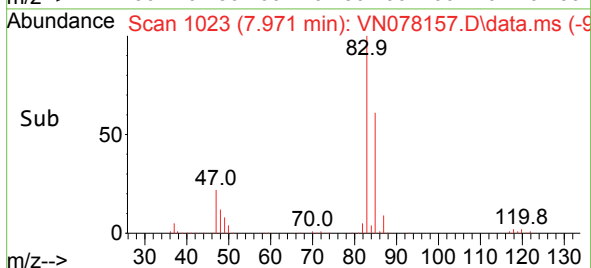
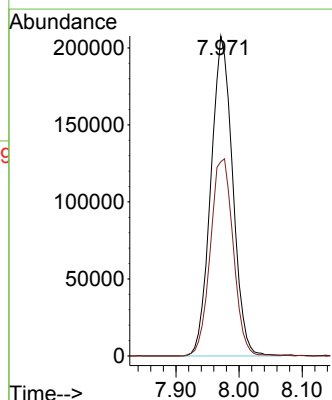
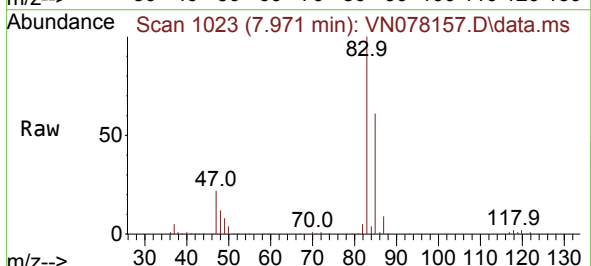
Acq: 12 Jun 2023 10:19

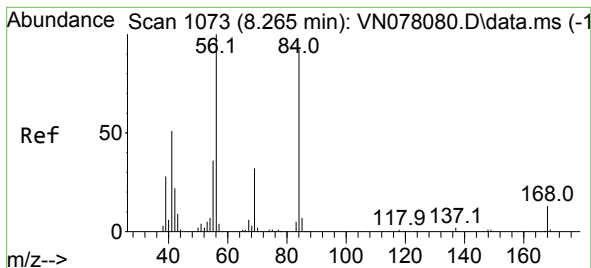
Tgt Ion: 83 Resp: 498889

Ion Ratio Lower Upper

83 100

85 60.7 55.4 83.0





#31

Cyclohexane

Concen: 48.545 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

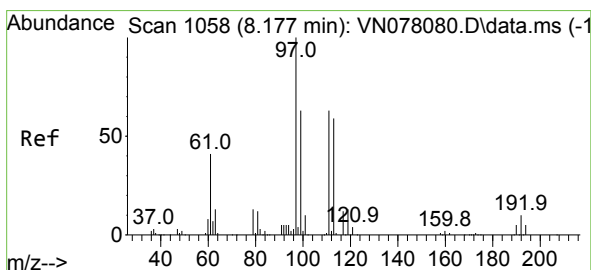
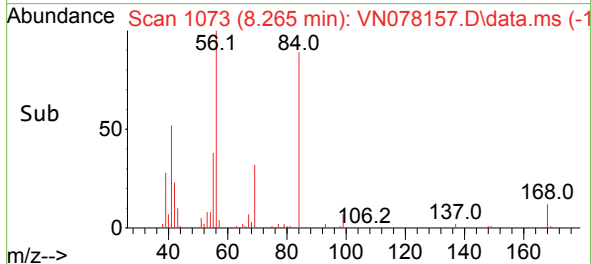
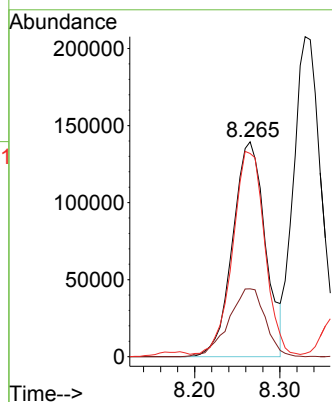
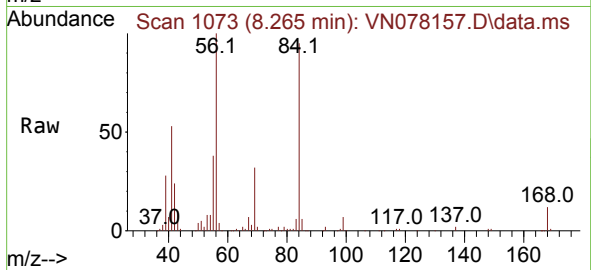
Tgt Ion: 56 Resp: 371762

Ion Ratio Lower Upper

56 100

69 31.6 26.8 40.2

84 92.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 50.461 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

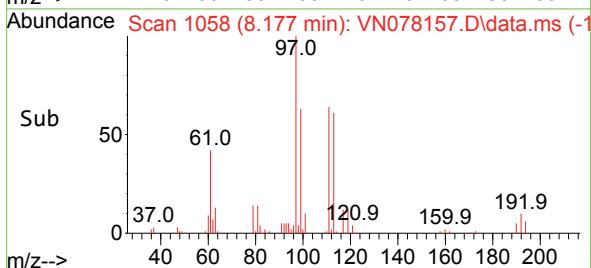
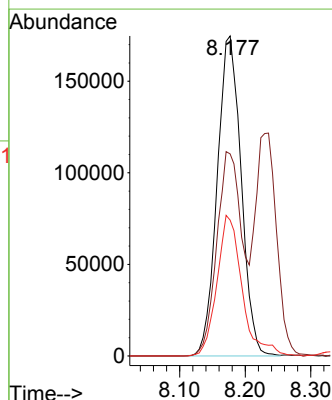
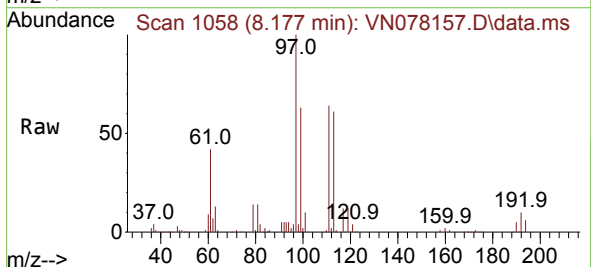
Tgt Ion: 97 Resp: 441812

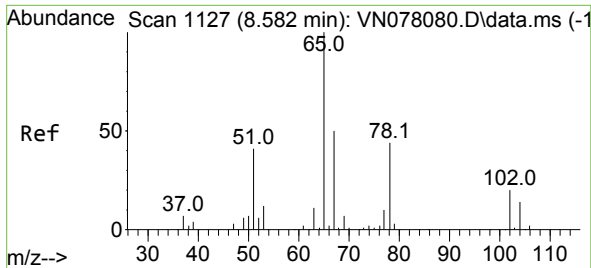
Ion Ratio Lower Upper

97 100

99 68.0 50.3 75.5

61 46.2 34.7 52.1

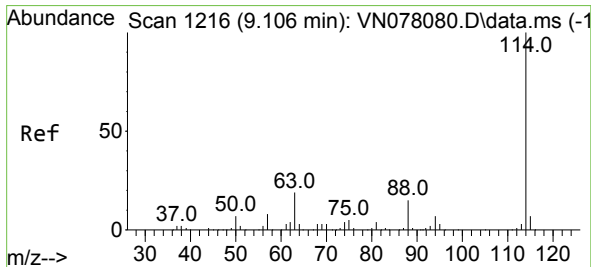
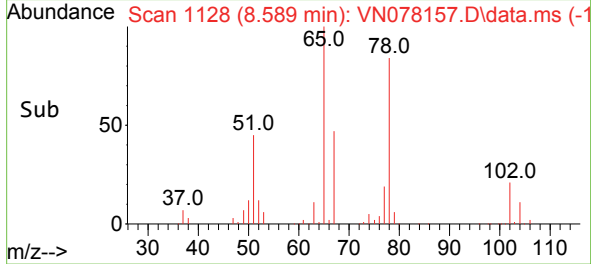
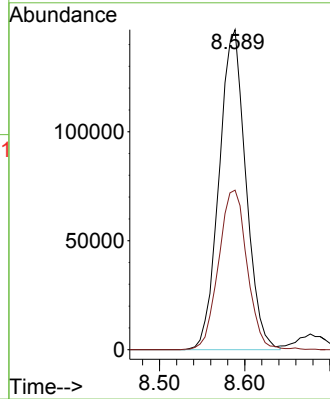
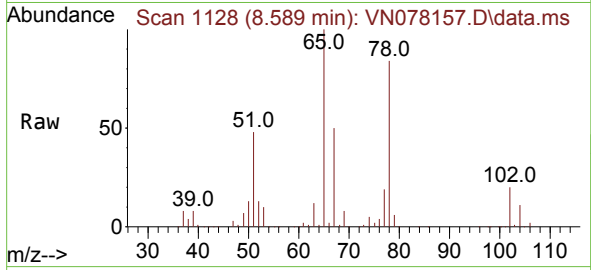




#33
1,2-Dichloroethane-d4
Concen: 53.654 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

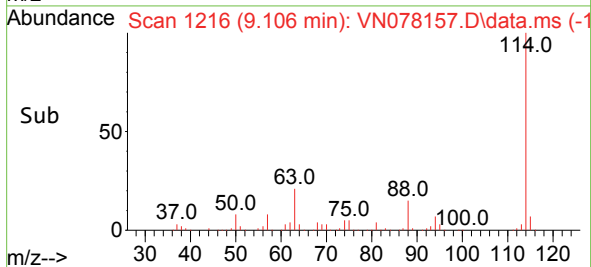
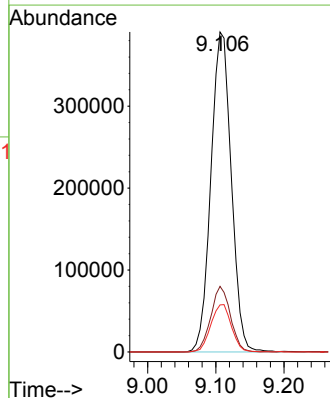
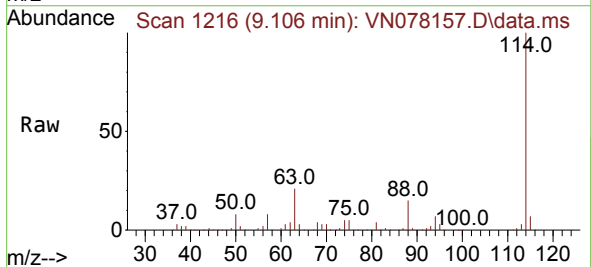
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

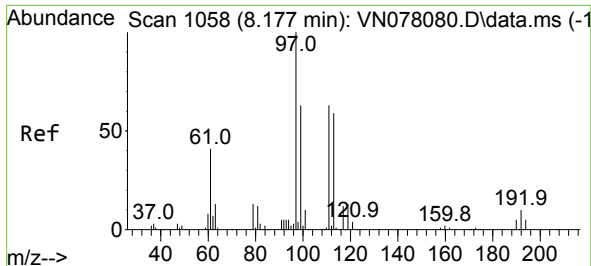
Tgt Ion: 65 Resp: 320310
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 114 Resp: 812188
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 14.7 0.0 30.6

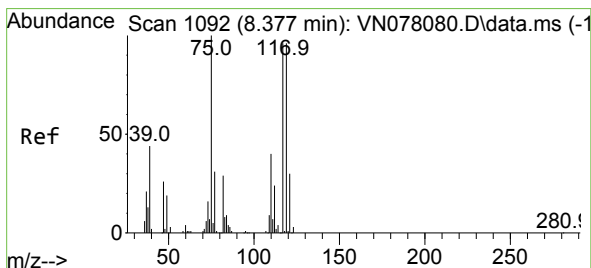
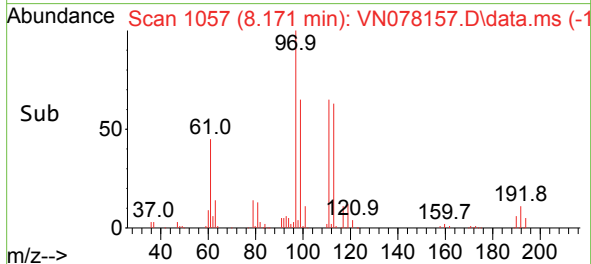
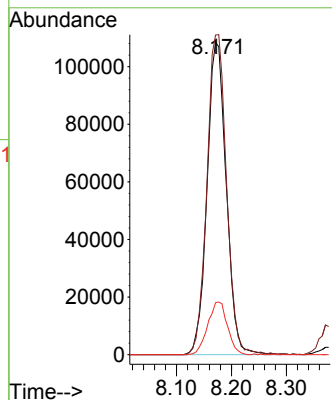
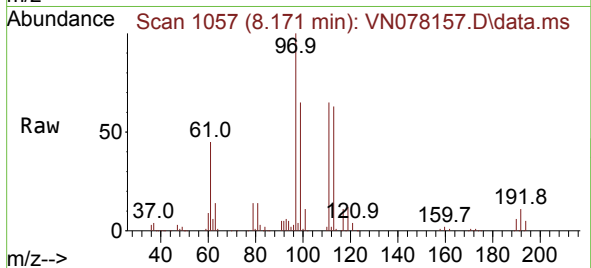




#35
Dibromofluoromethane
Concen: 51.145 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

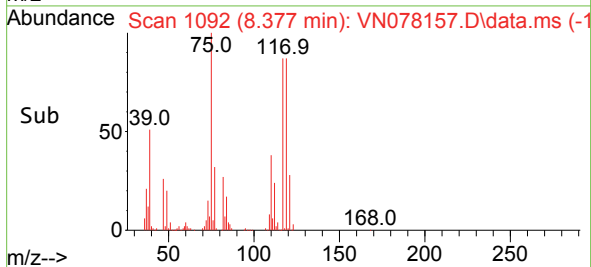
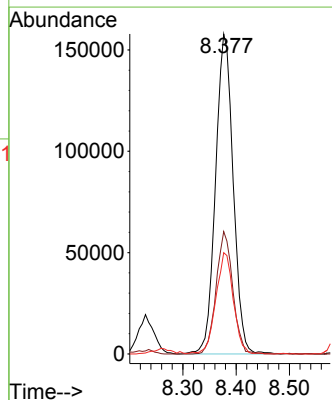
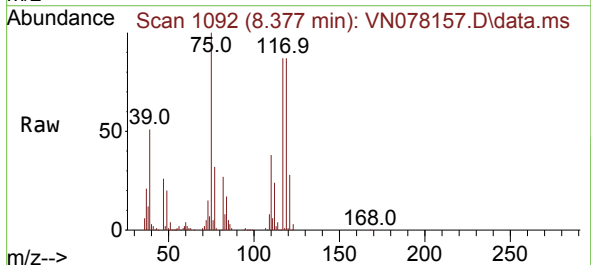
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

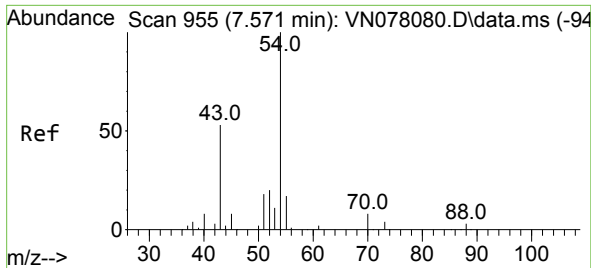
Tgt Ion:113 Resp: 262649
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 49.361 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 75 Resp: 363597
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 31.4 25.0 37.4

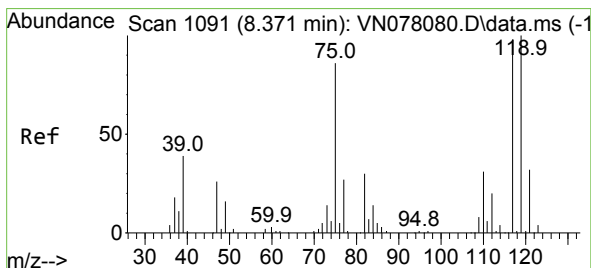
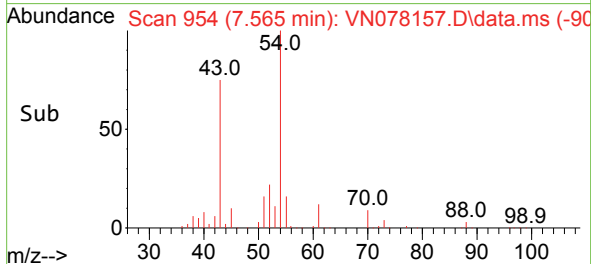
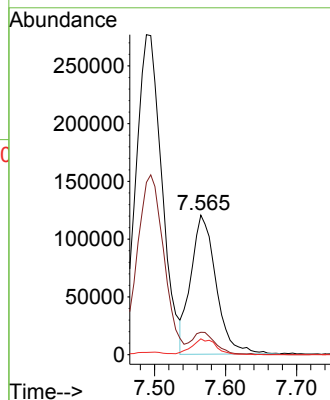
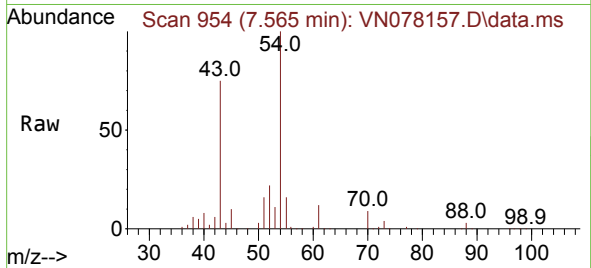




#37
Ethyl Acetate
Concen: 51.501 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

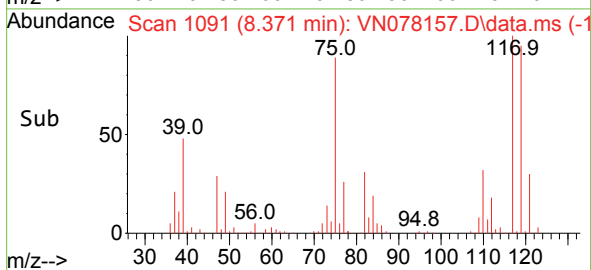
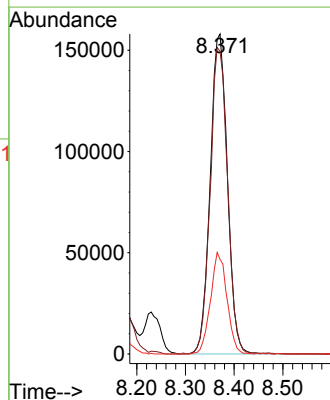
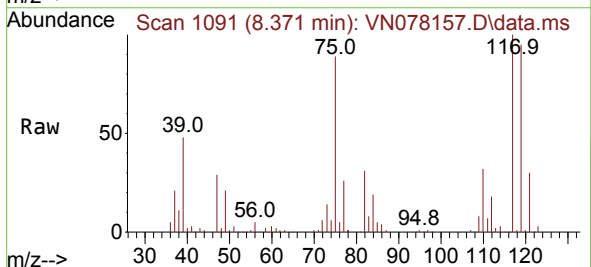
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

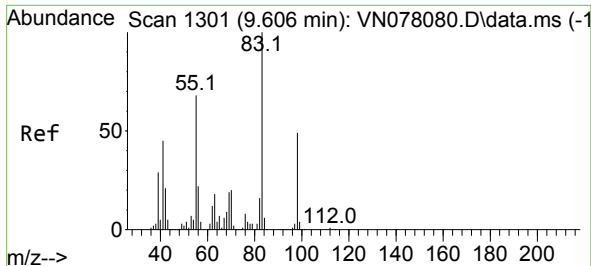
Tgt Ion: 43 Resp: 296353
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 11.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 49.806 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 117 Resp: 387381
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 49.229 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

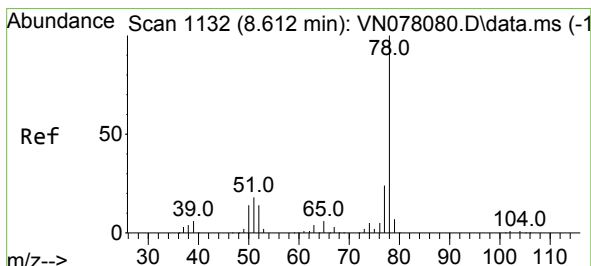
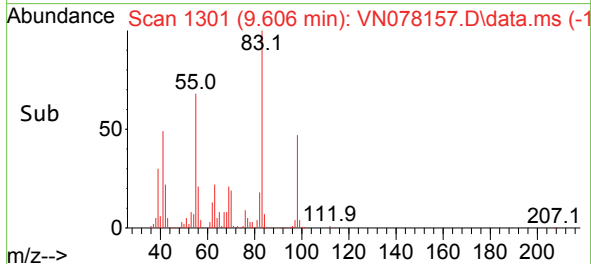
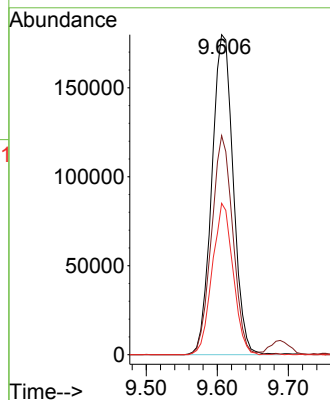
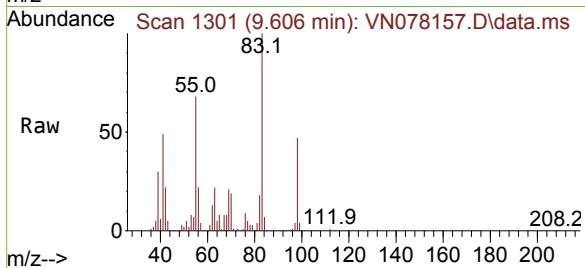
Tgt Ion: 83 Resp: 375798

Ion Ratio Lower Upper

83 100

55 68.5 49.1 73.7

98 47.3 40.6 61.0



#40

Benzene

Concen: 48.723 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078157.D

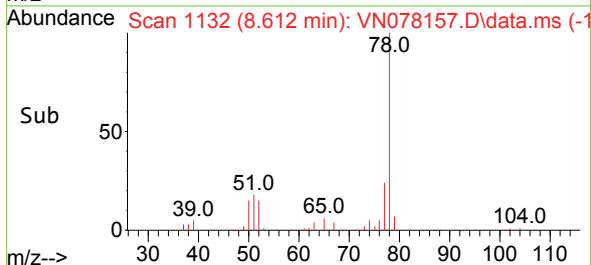
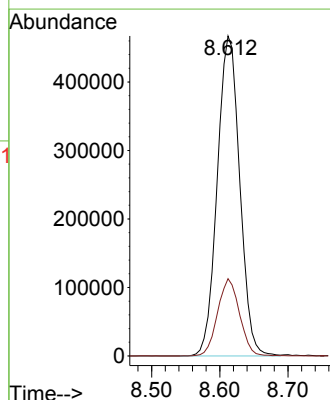
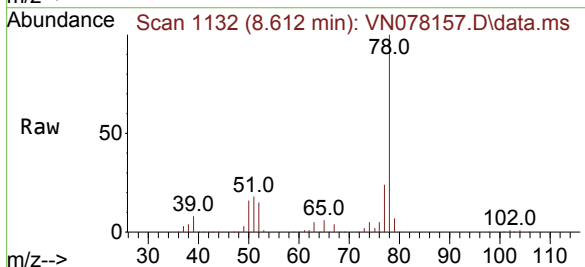
Acq: 12 Jun 2023 10:19

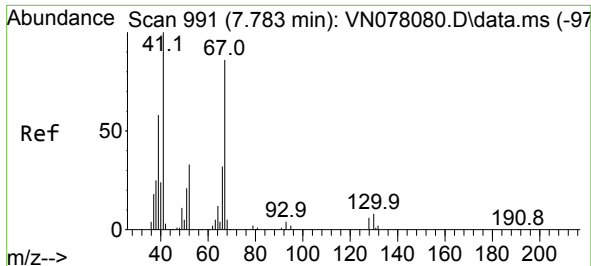
Tgt Ion: 78 Resp: 1071456

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

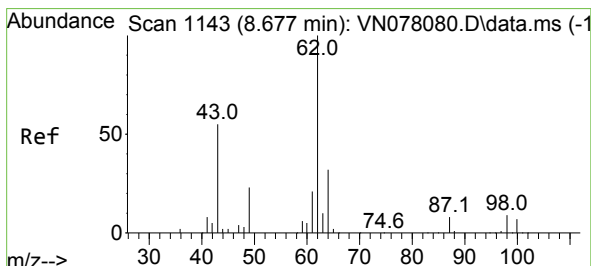
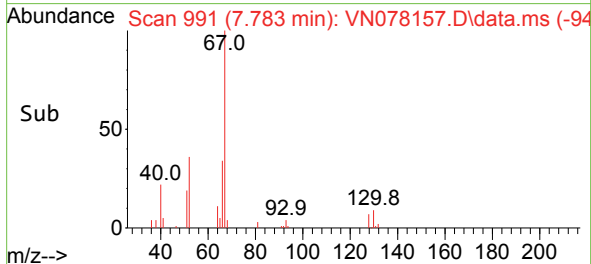
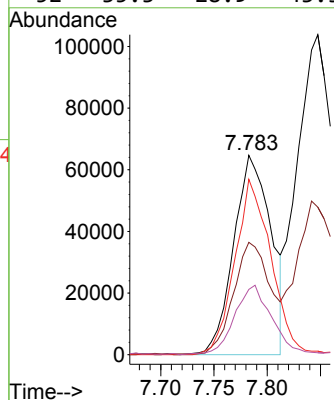
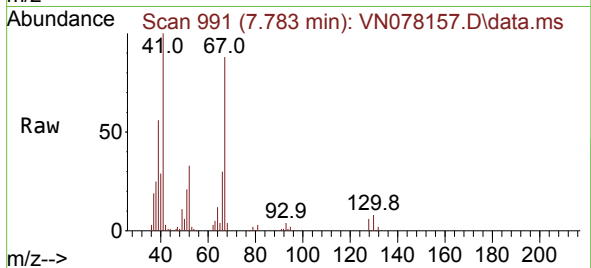




#41
Methacrylonitrile
Concen: 50.639 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

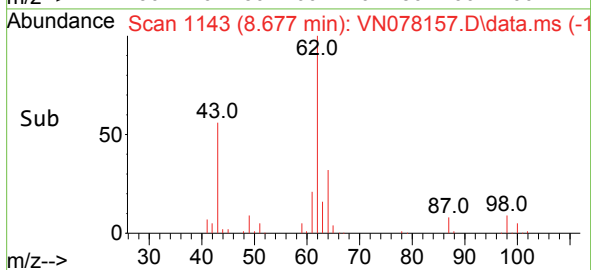
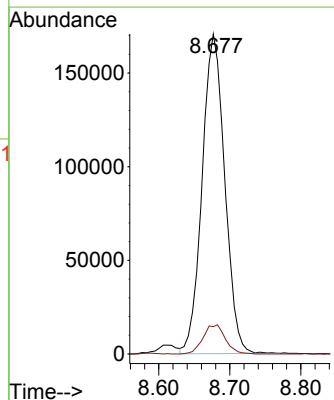
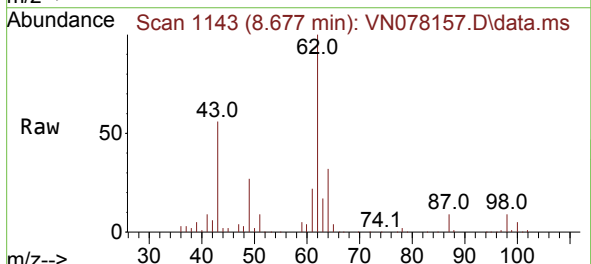
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

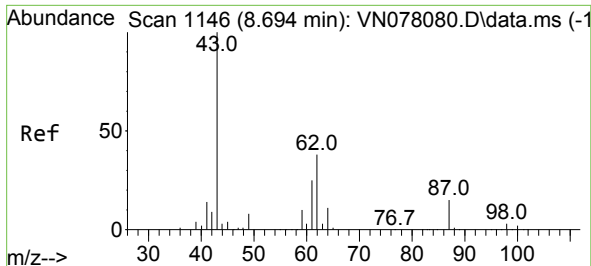
Tgt Ion:	41	Resp:	157945
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.6	64.0
67	85.8	77.5	116.3
52	35.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.146 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:	62	Resp:	378098
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

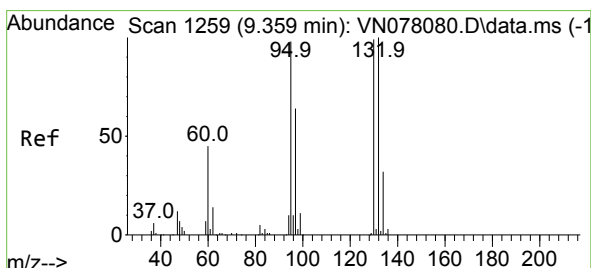
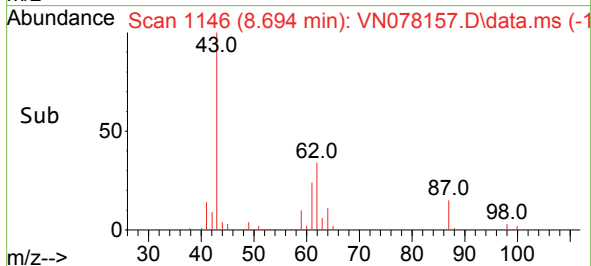
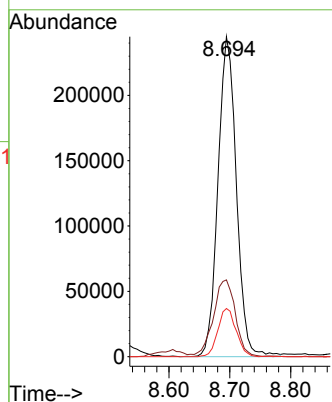
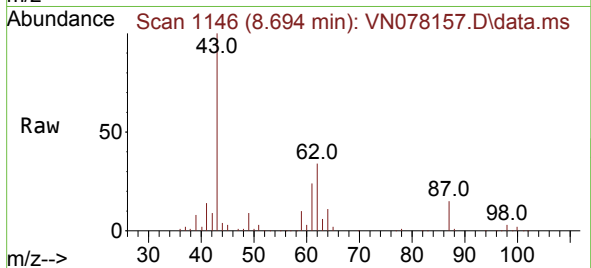




#43
Isopropyl Acetate
Concen: 46.742 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

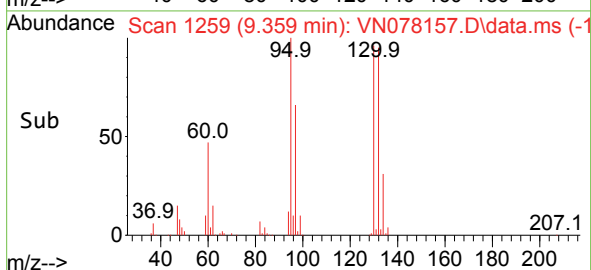
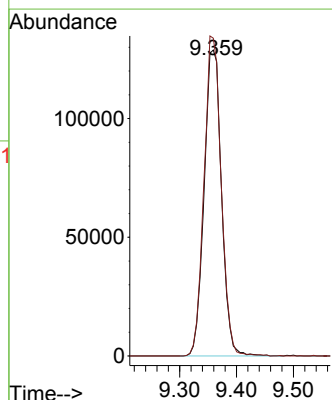
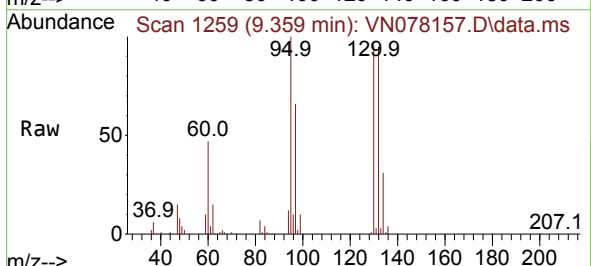
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

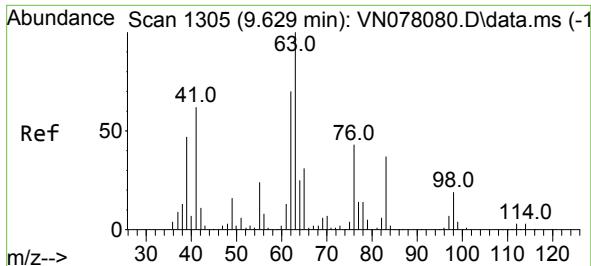
Tgt Ion: 43 Resp: 514399
Ion Ratio Lower Upper
43 100
61 28.3 24.7 37.1
87 14.9 14.6 21.8



#44
Trichloroethene
Concen: 47.046 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:130 Resp: 273221
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6

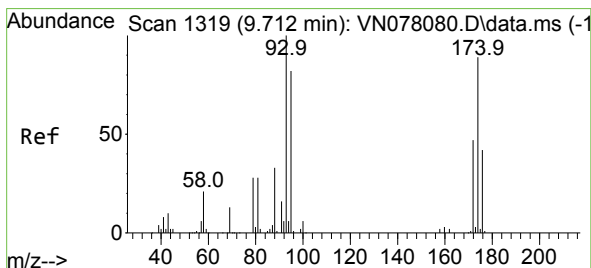
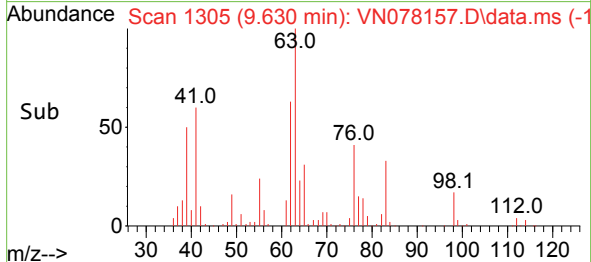
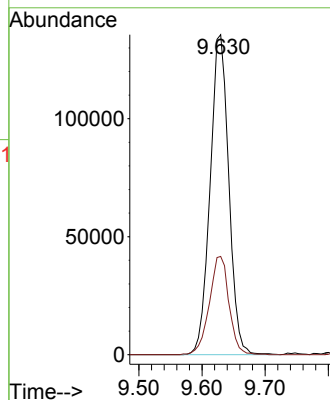
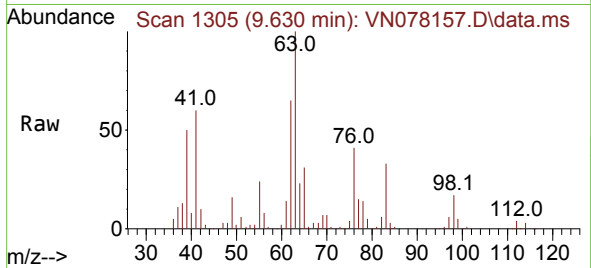




#45
1,2-Dichloropropane
Concen: 50.882 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

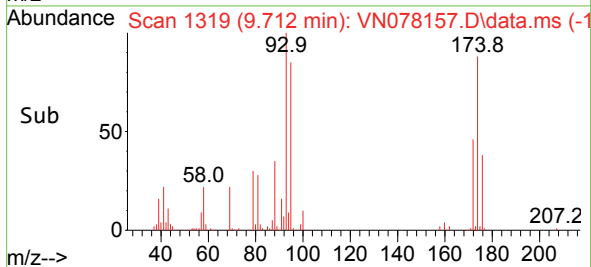
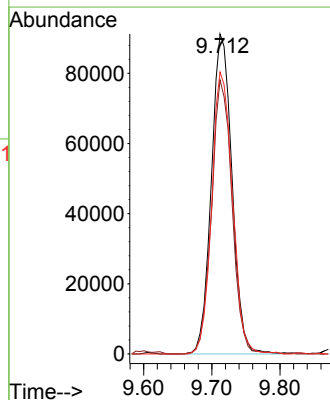
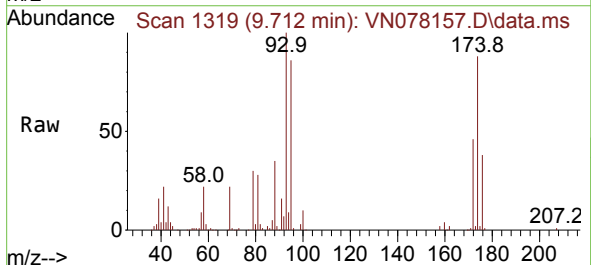
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

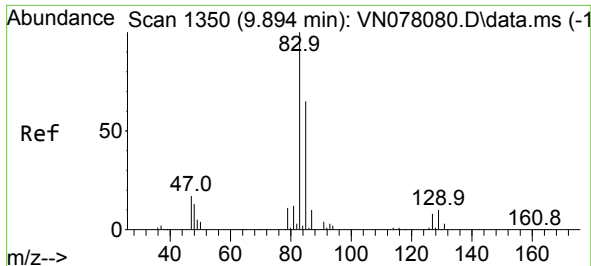
Tgt Ion: 63 Resp: 278393
Ion Ratio Lower Upper
63 100
65 30.7 23.9 35.9



#46
Dibromomethane
Concen: 47.555 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 93 Resp: 191646
Ion Ratio Lower Upper
93 100
95 85.0 63.8 95.8
174 88.9 65.6 98.4

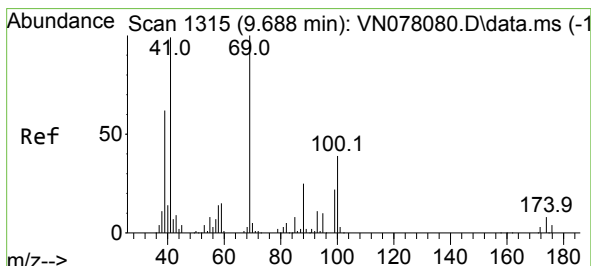
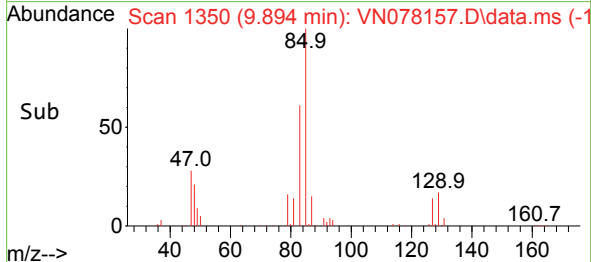
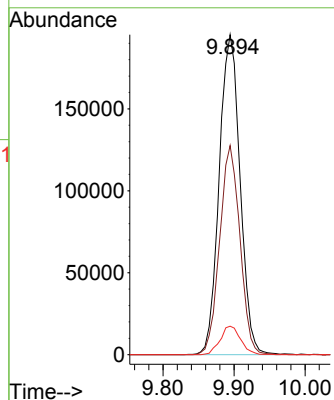
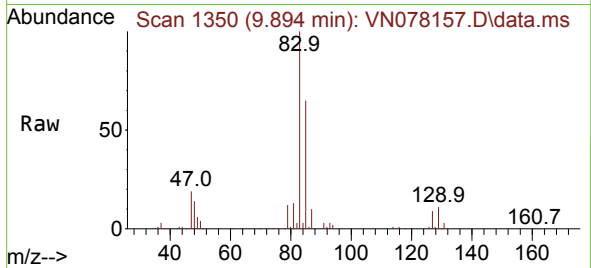




#47
Bromodichloromethane
Concen: 53.098 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

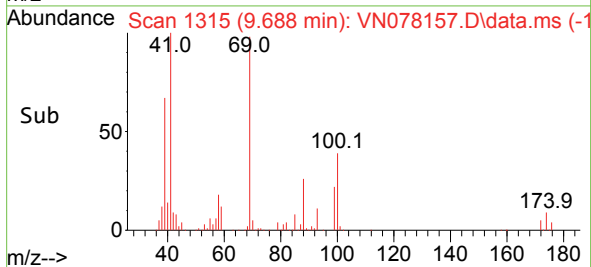
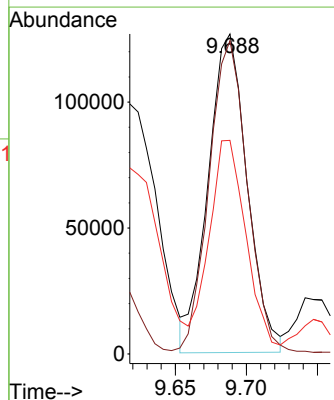
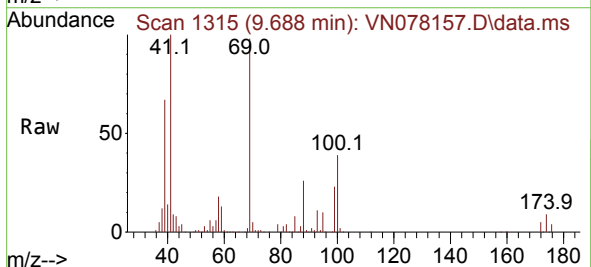
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

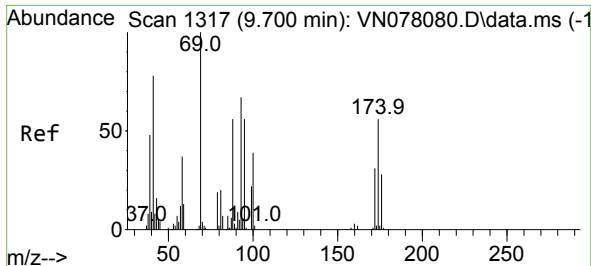
Tgt Ion: 83 Resp: 397484
Ion Ratio Lower Upper
83 100
85 65.4 49.6 74.4
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 52.447 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 41 Resp: 242215
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1029.603 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

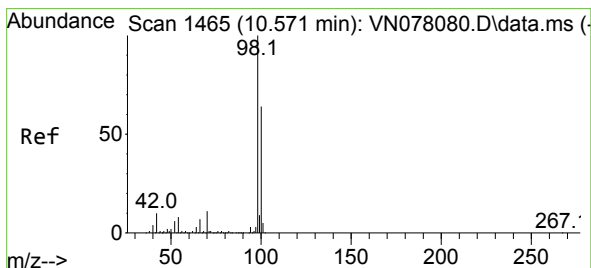
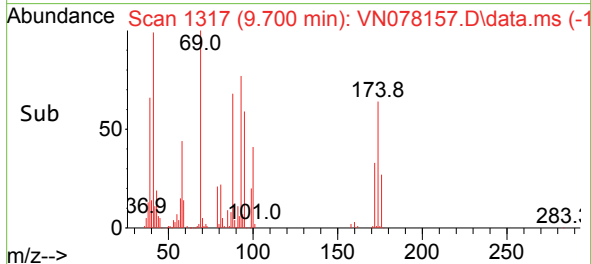
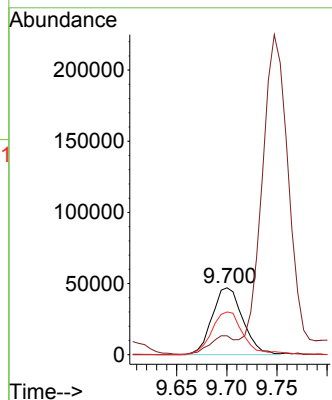
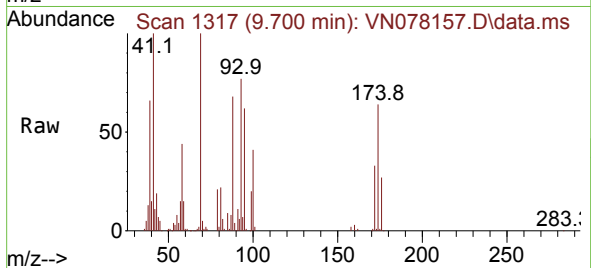
Tgt Ion: 88 Resp: 99940

Ion Ratio Lower Upper

88 100

43 21.1 17.0 25.6

58 66.5 47.0 70.4



#50

Toluene-d8

Concen: 51.191 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078157.D

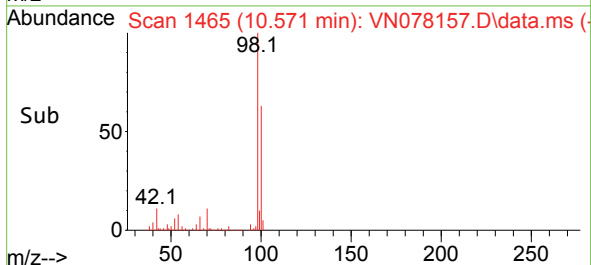
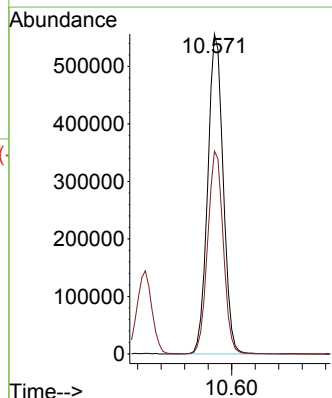
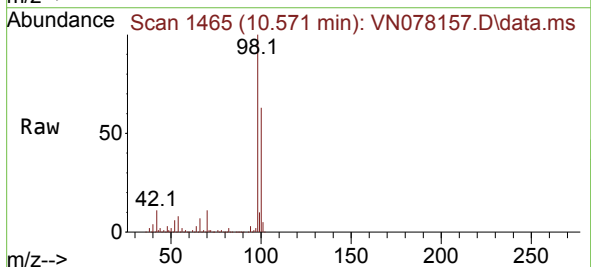
Acq: 12 Jun 2023 10:19

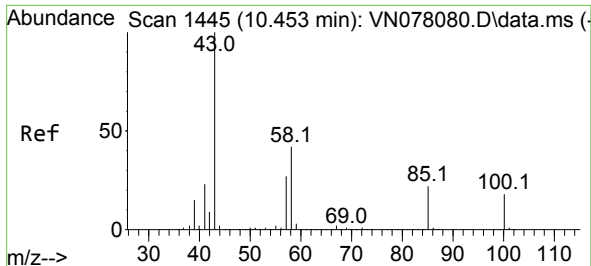
Tgt Ion: 98 Resp: 1013438

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

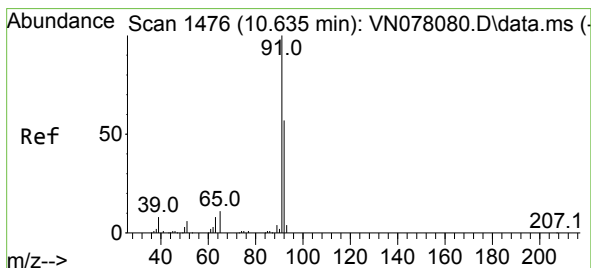
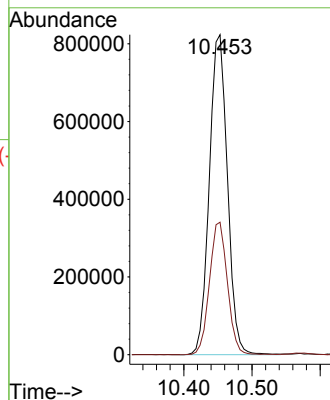
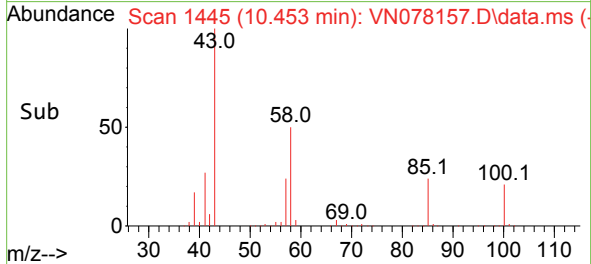
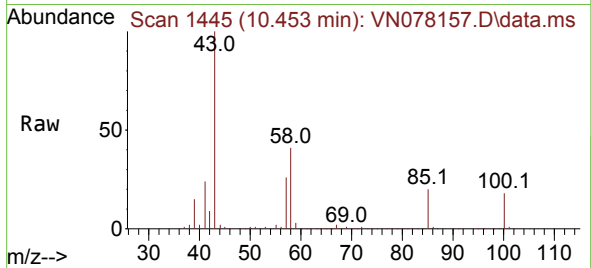




#51
4-Methyl-2-Pentanone
Concen: 262.485 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

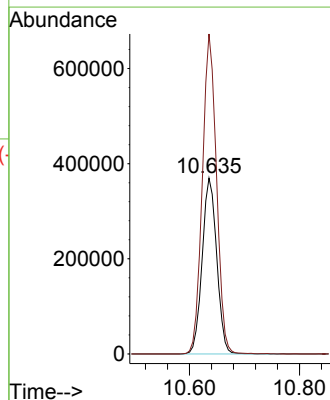
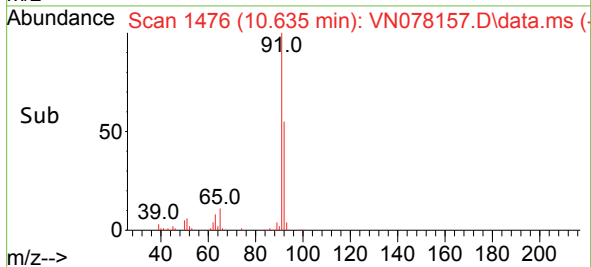
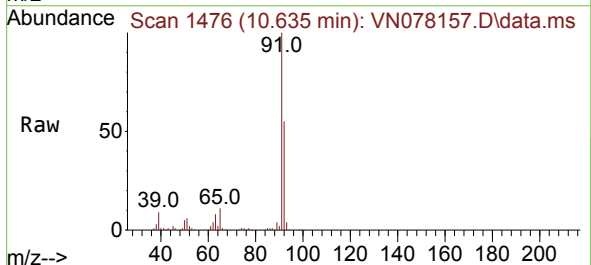
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

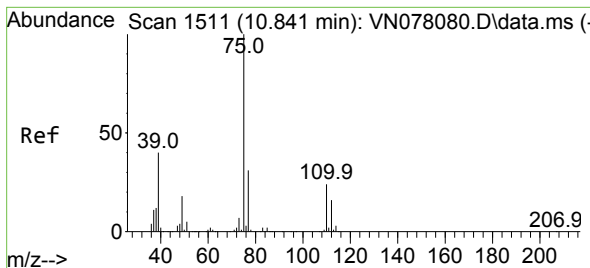
Tgt Ion: 43 Resp: 1521124
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8



#52
Toluene
Concen: 48.943 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 92 Resp: 679546
Ion Ratio Lower Upper
92 100
91 177.3 137.4 206.0

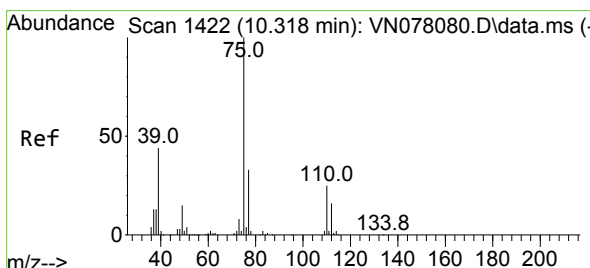
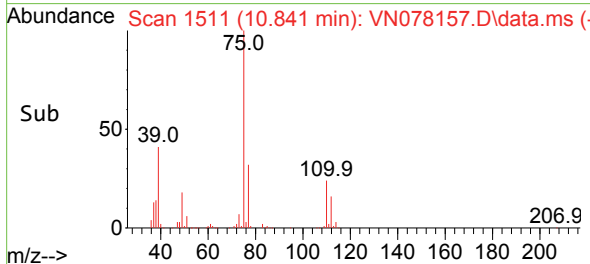
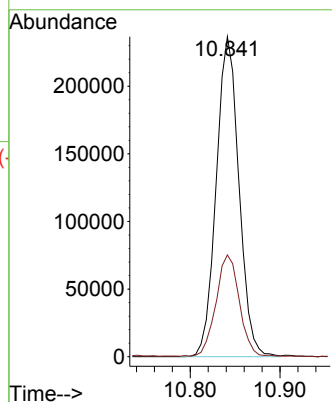
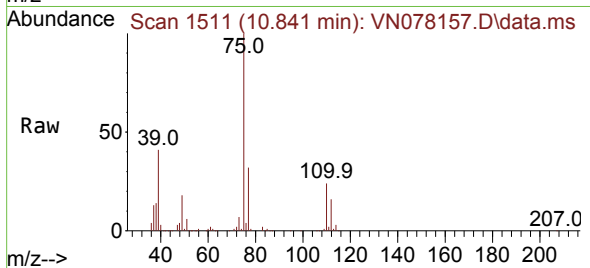




#53
 t-1,3-Dichloropropene
 Concen: 53.245 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

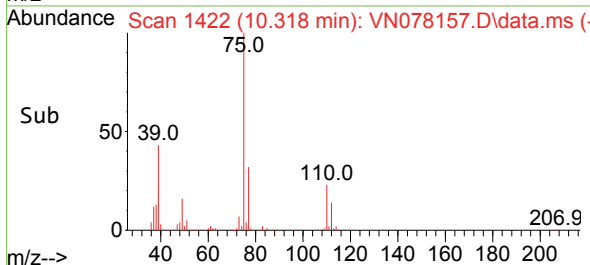
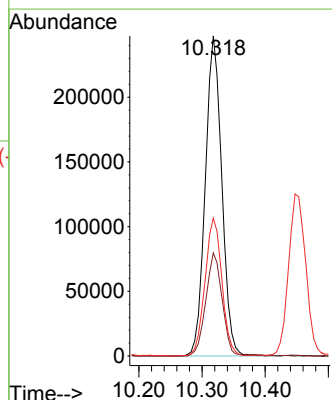
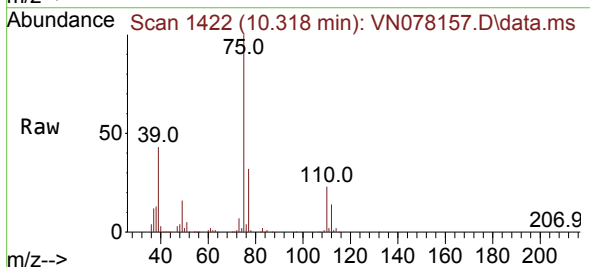
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

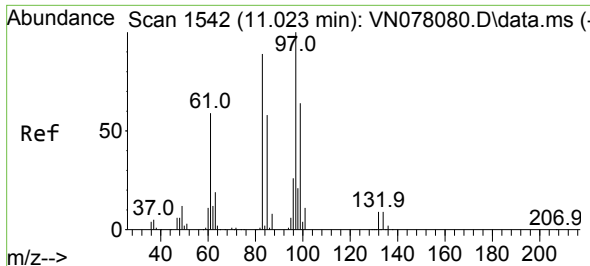
Tgt Ion: 75 Resp: 415107
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.162 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

Tgt Ion: 75 Resp: 449533
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 43.0 31.6 47.4



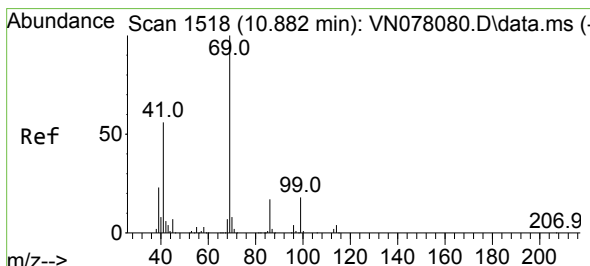
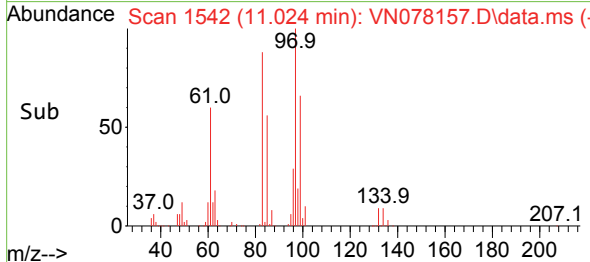
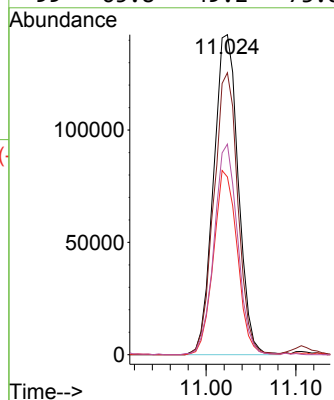
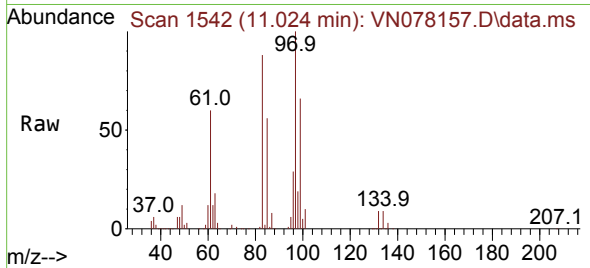


#55
1,1,2-Trichloroethane
Concen: 51.886 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 272520

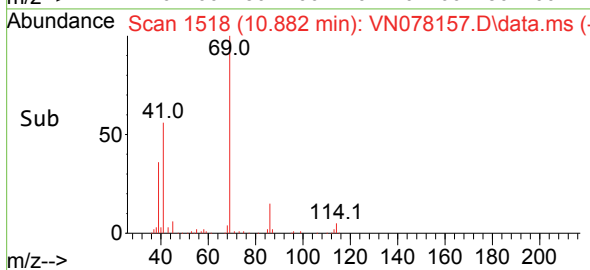
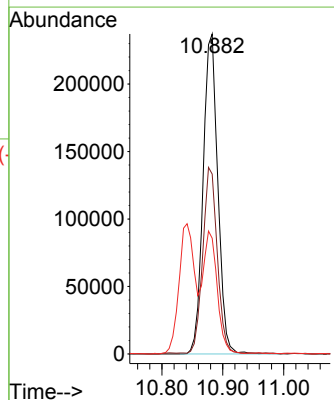
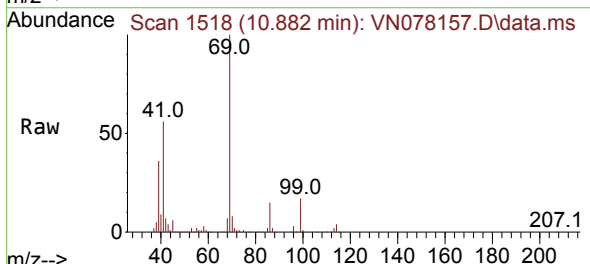
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.1	97.7
85	55.6	43.4	65.2
99	65.8	49.2	73.8

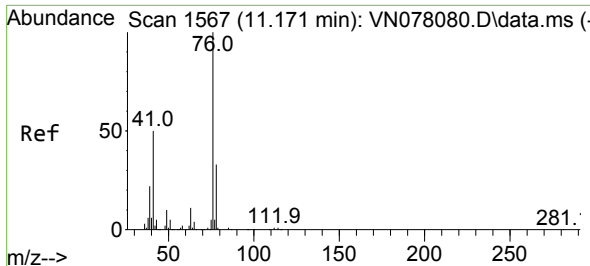


#56
Ethyl methacrylate
Concen: 51.955 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 69 Resp: 397340

Ion	Ratio	Lower	Upper
69	100		
41	57.4	39.6	59.4
39	37.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.639 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

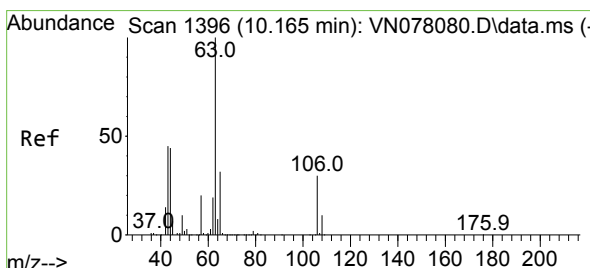
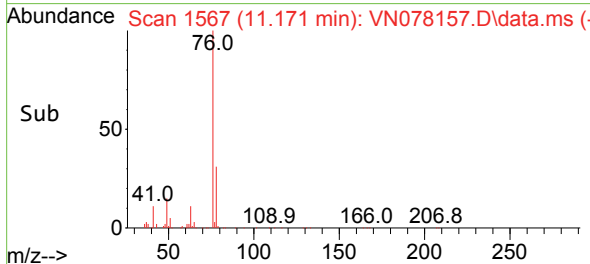
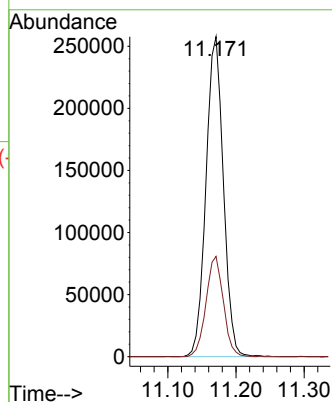
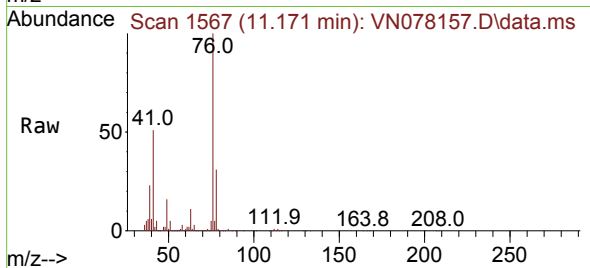
VSTDCCC050

Tgt Ion: 76 Resp: 457820

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 255.113 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078157.D

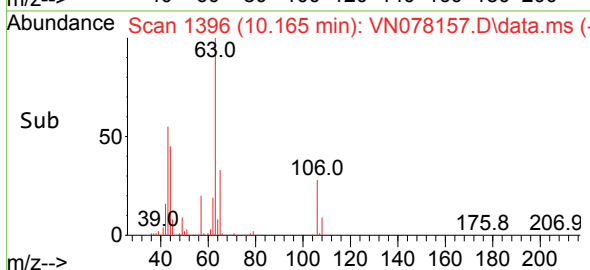
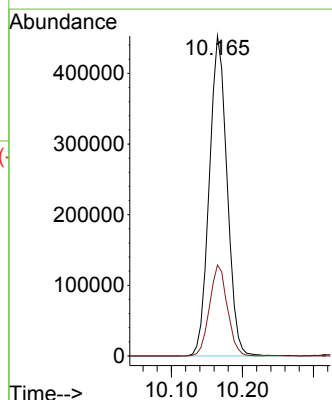
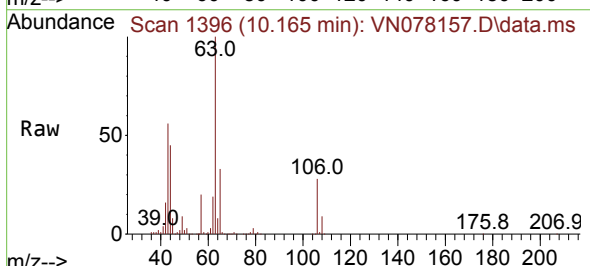
Acq: 12 Jun 2023 10:19

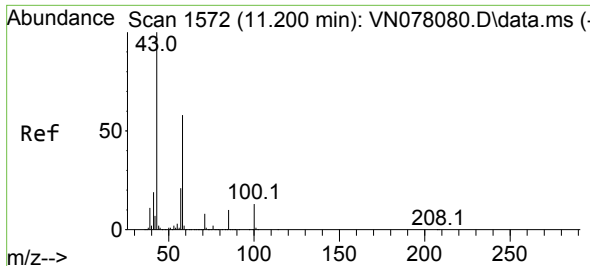
Tgt Ion: 63 Resp: 788163

Ion Ratio Lower Upper

63 100

106 28.4 26.2 39.4

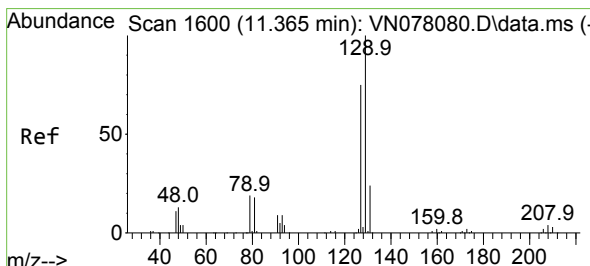
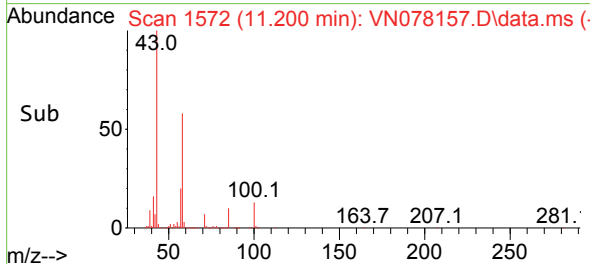
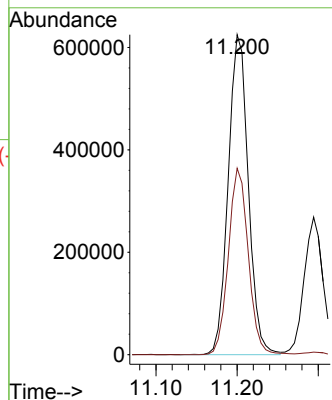
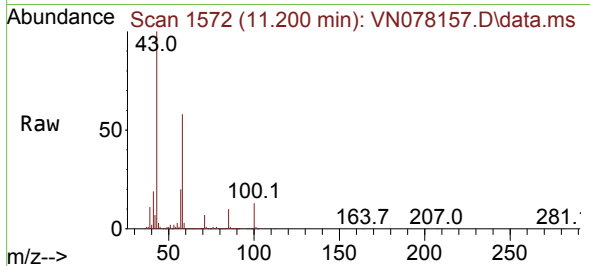




#59
2-Hexanone
Concen: 265.743 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

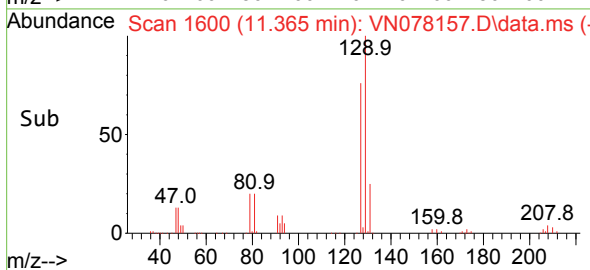
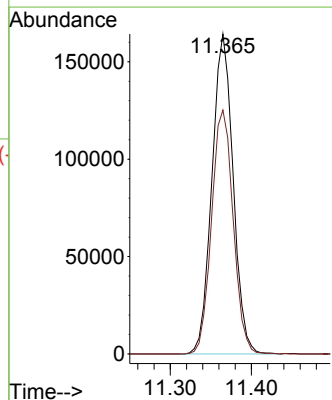
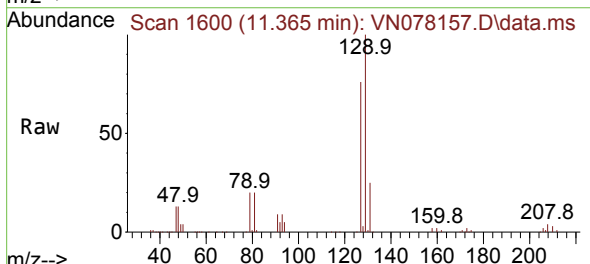
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

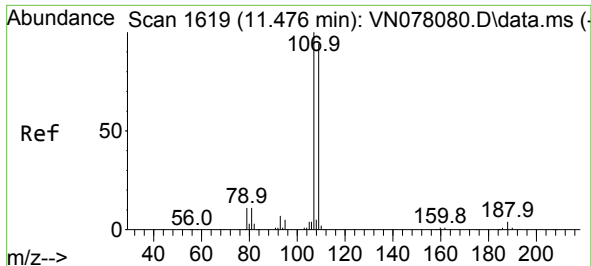
Tgt Ion: 43 Resp: 1072293
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1



#60
Dibromochloromethane
Concen: 51.762 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 129 Resp: 297495
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

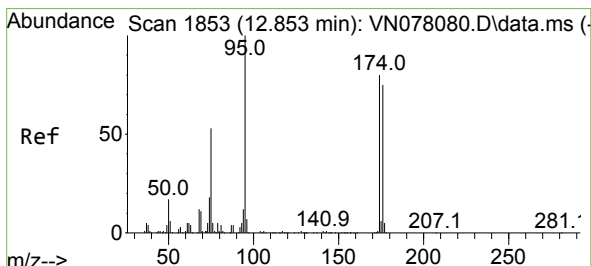
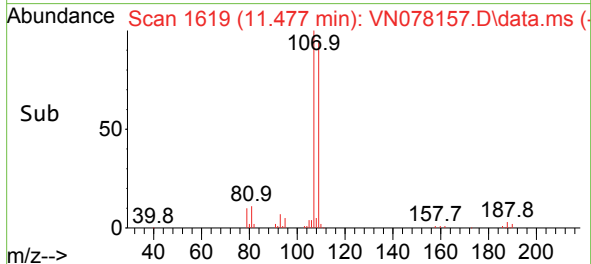
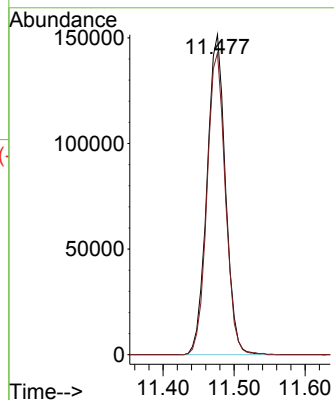
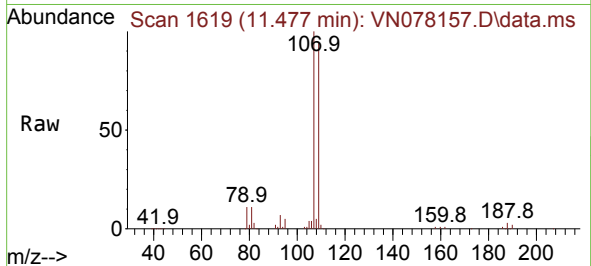




#61
1,2-Dibromoethane
Concen: 49.719 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

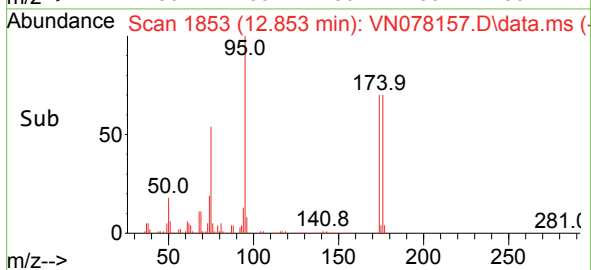
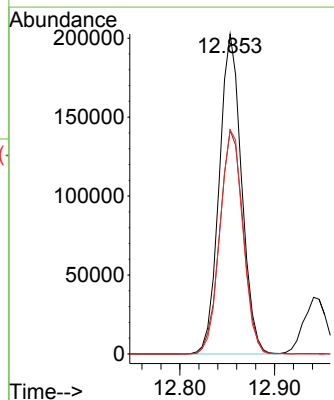
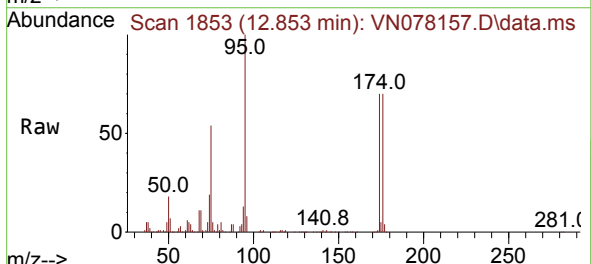
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

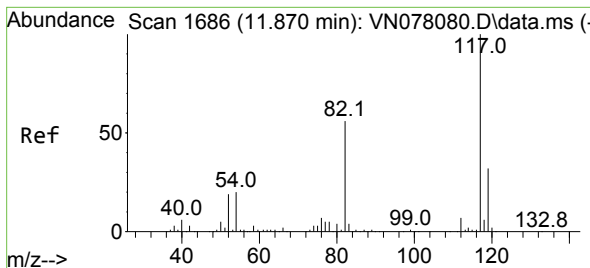
Tgt Ion:107 Resp: 274048
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.050 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 95 Resp: 332651
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 72.1 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: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

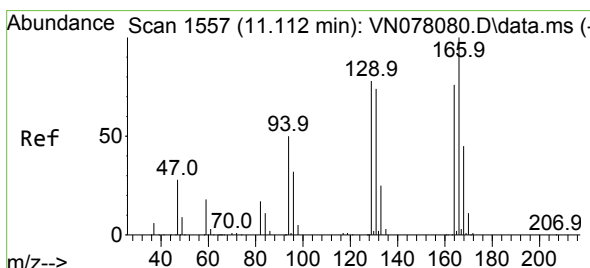
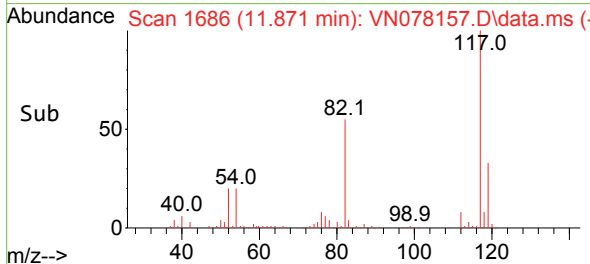
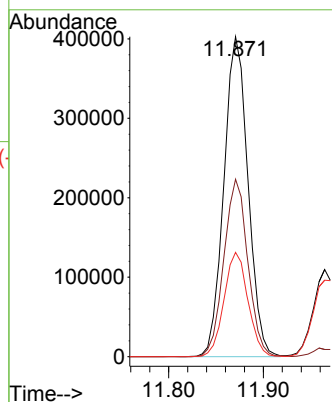
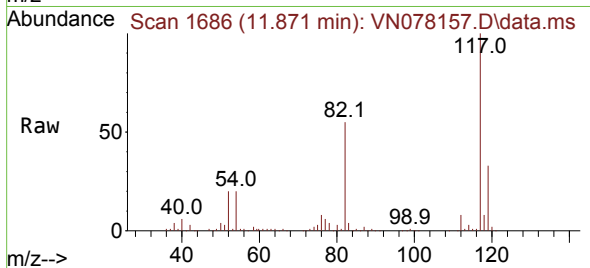
Tgt Ion:117 Resp: 712168

Ion Ratio Lower Upper

117 100

82 55.5 44.0 66.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 51.002 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Tgt Ion:164 Resp: 242315

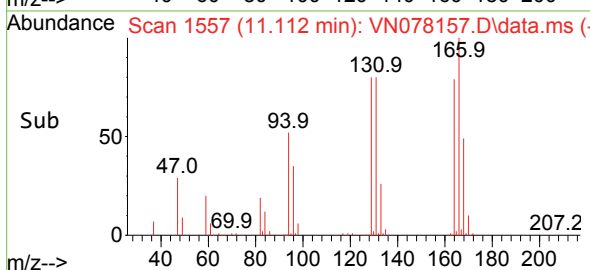
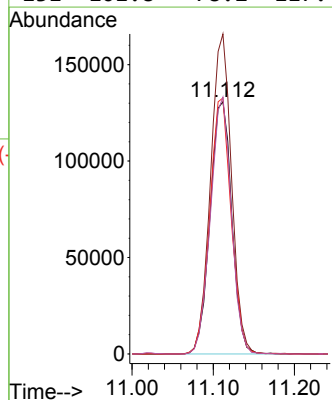
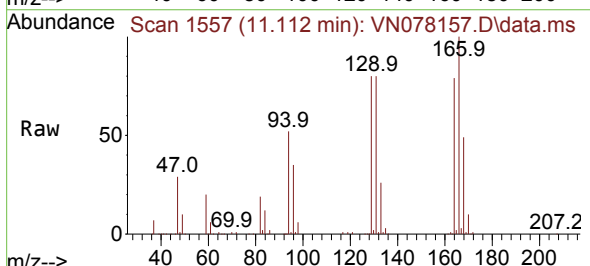
Ion Ratio Lower Upper

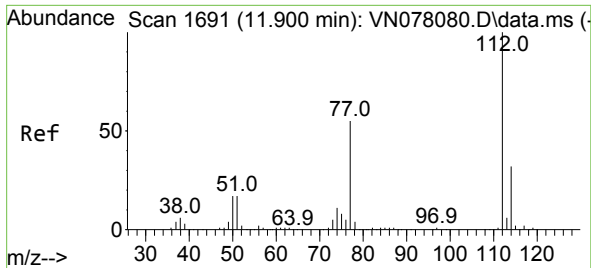
164 100

166 126.9 101.4 152.0

129 101.5 82.4 123.6

131 101.8 78.2 117.4

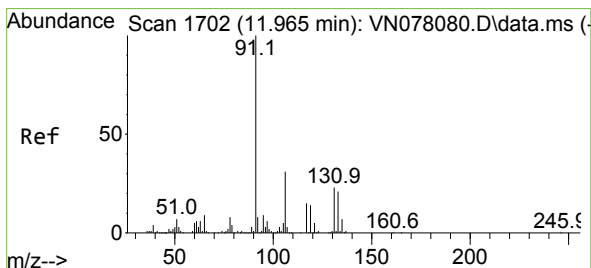
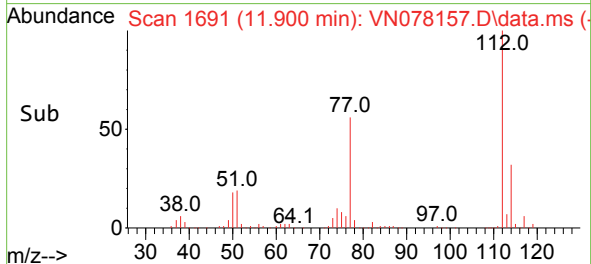
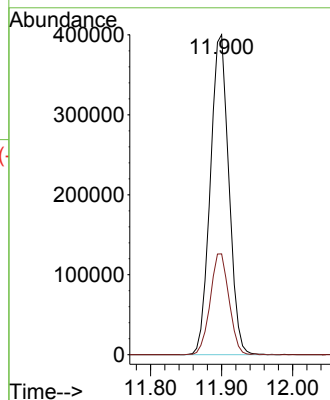
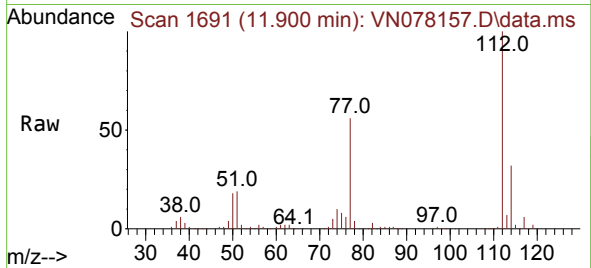




#65
Chlorobenzene
Concen: 47.382 ug/l
RT: 11.900 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

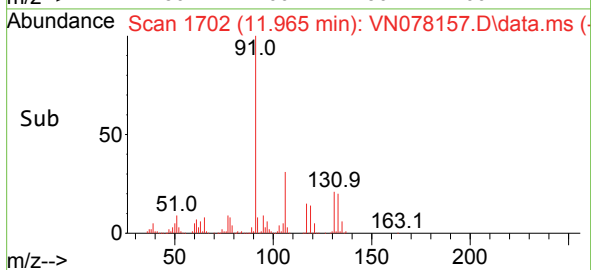
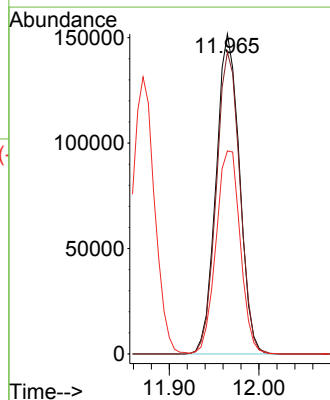
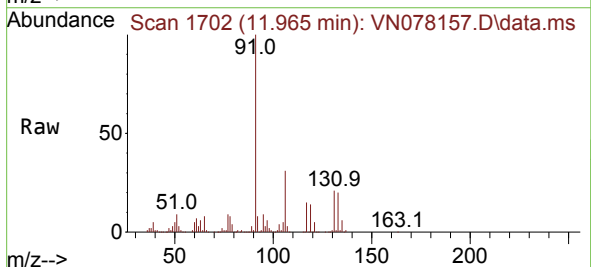
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

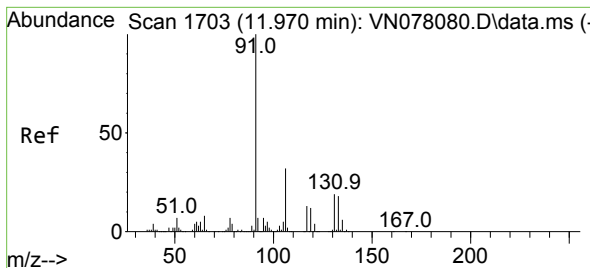
Tgt Ion:112 Resp: 722644
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.028 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:131 Resp: 275019
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 65.7 34.1 102.2





#67

Ethyl Benzene

Concen: 49.659 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

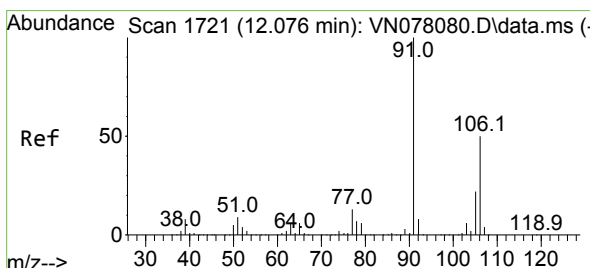
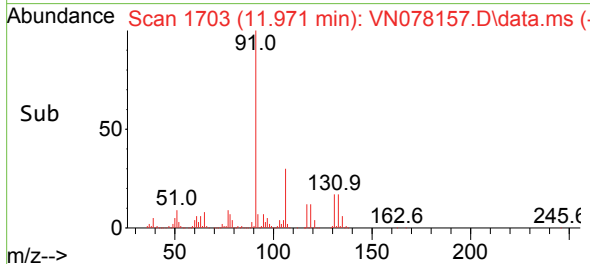
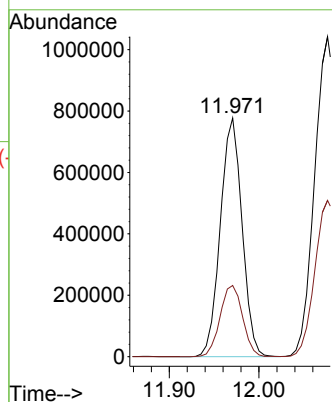
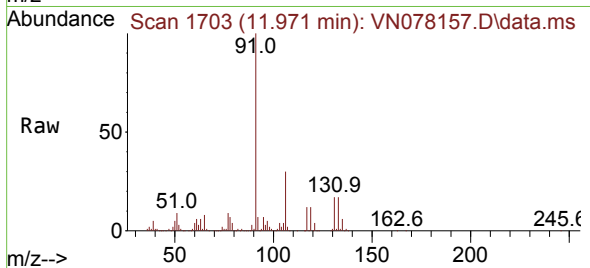
VSTDCCC050

Tgt Ion: 91 Resp: 1306846

Ion Ratio Lower Upper

91 100

106 29.8 25.6 38.4



#68

m/p-Xylenes

Concen: 99.364 ug/l

RT: 12.077 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078157.D

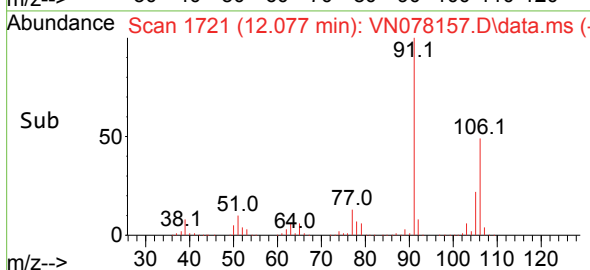
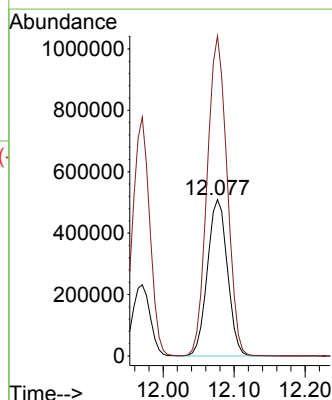
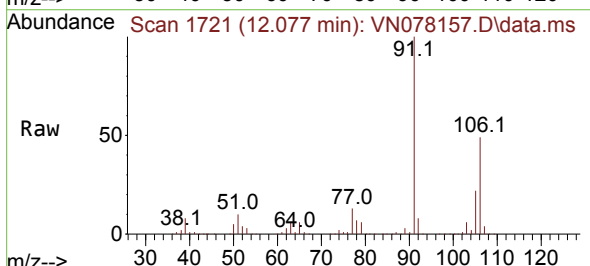
Acq: 12 Jun 2023 10:19

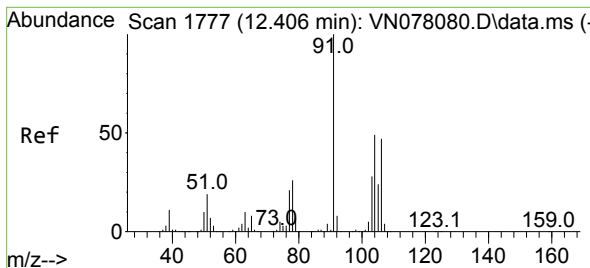
Tgt Ion:106 Resp: 996536

Ion Ratio Lower Upper

106 100

91 203.5 159.6 239.4

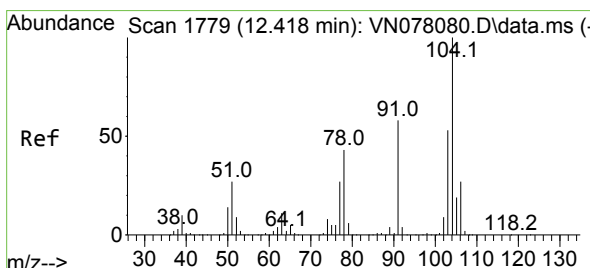
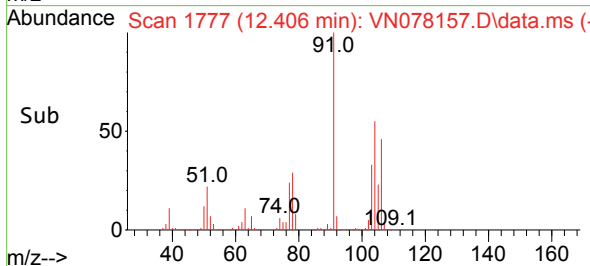
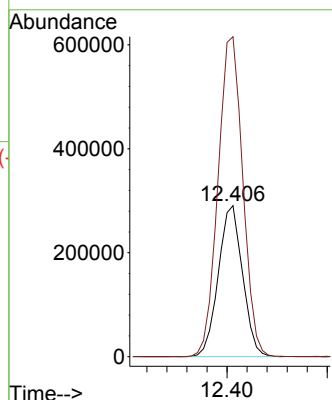
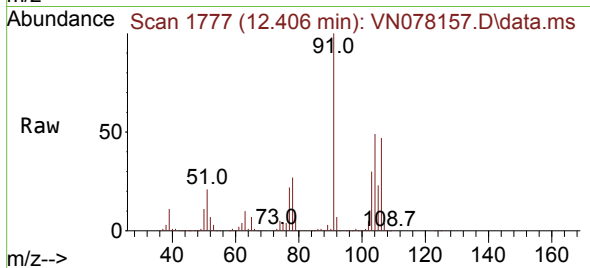




#69
o-Xylene
Concen: 49.454 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

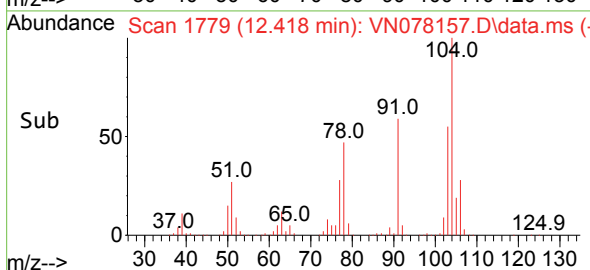
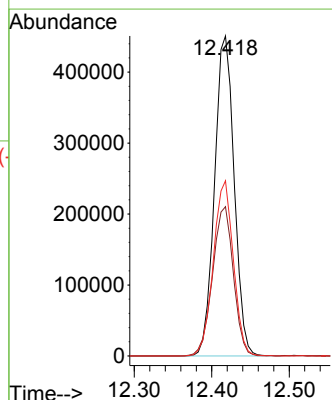
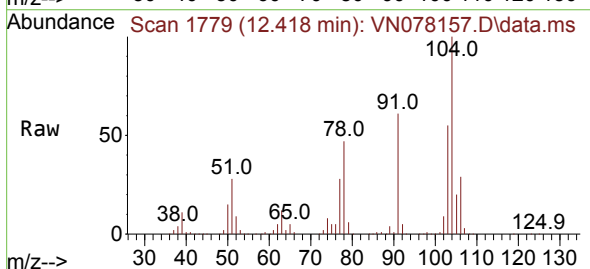
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

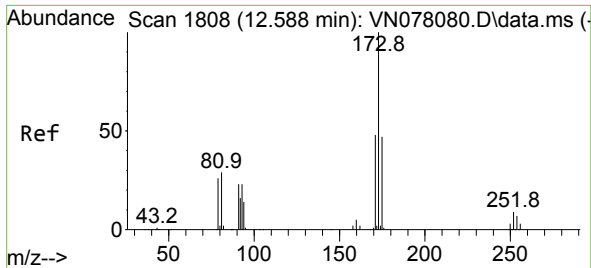
Tgt Ion:106 Resp: 487066
Ion Ratio Lower Upper
106 100
91 216.9 105.2 315.5



#70
Styrene
Concen: 51.061 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:104 Resp: 791701
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 56.0 43.2 64.8

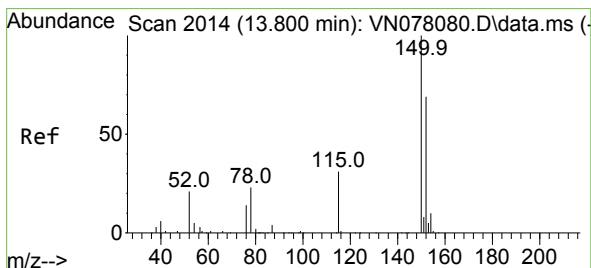
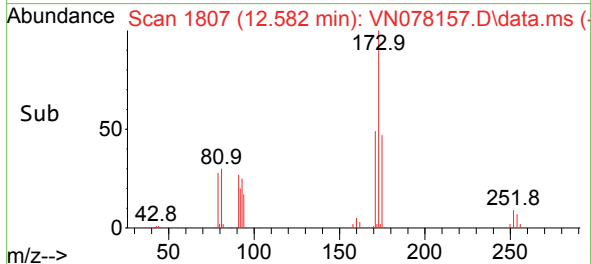
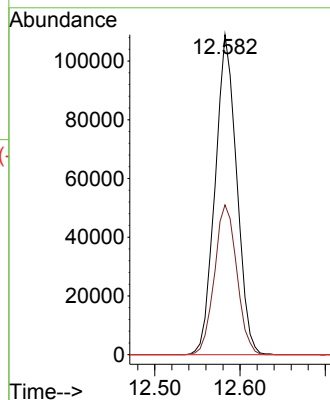
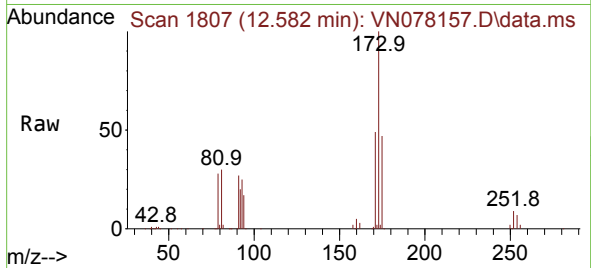




#71
Bromoform
Concen: 52.936 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

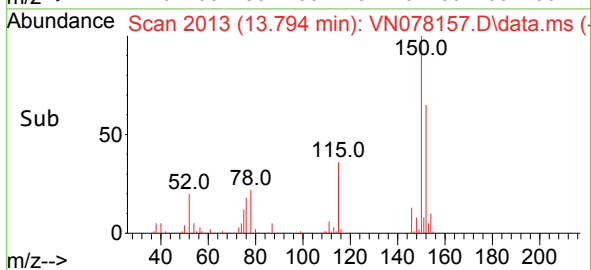
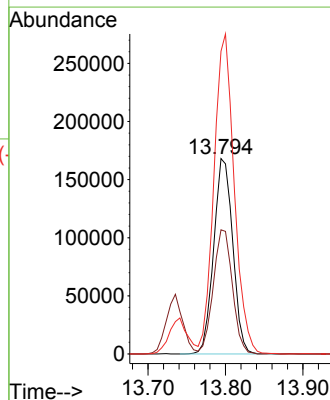
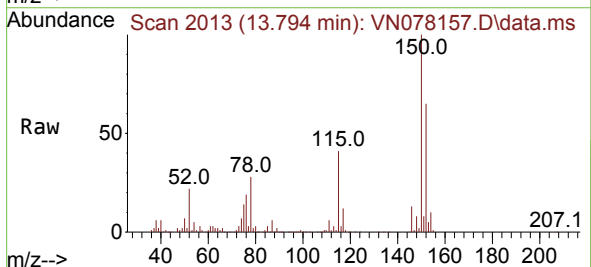
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

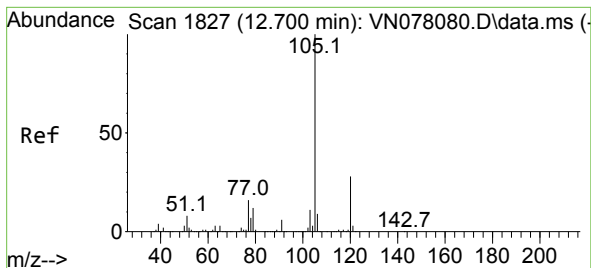
Tgt Ion:173 Resp: 191632
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:152 Resp: 287327
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 174.0 0.0 355.8





#73

Isopropylbenzene

Concen: 45.505 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

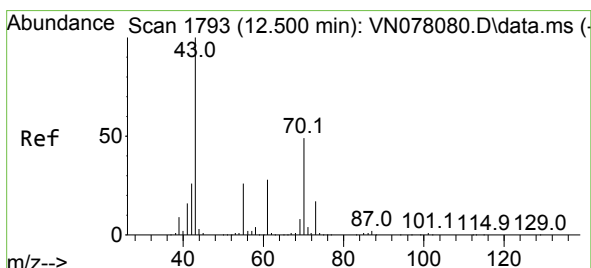
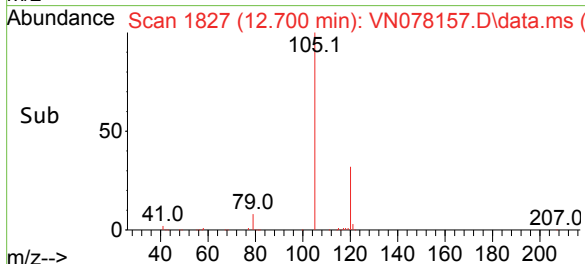
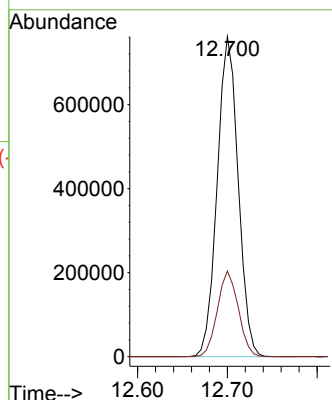
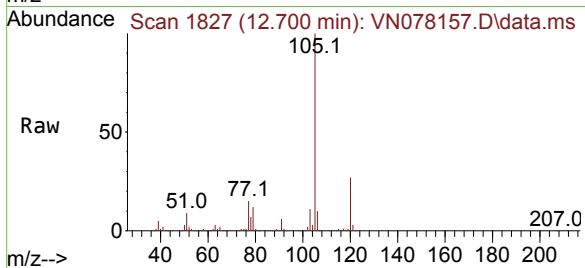
VSTDCCC050

Tgt Ion:105 Resp: 1236404

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 46.328 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Tgt Ion: 43 Resp: 414513

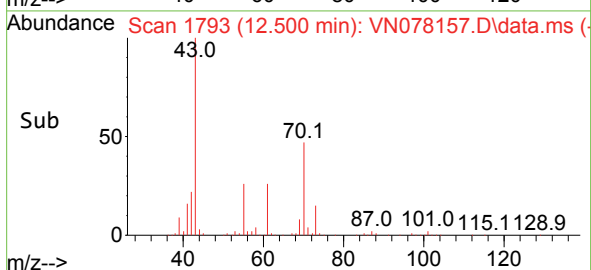
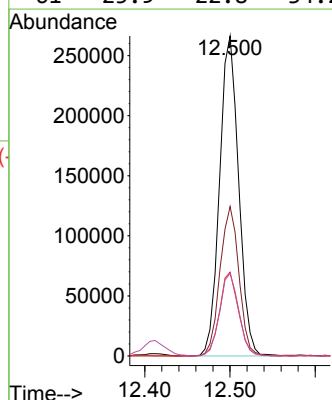
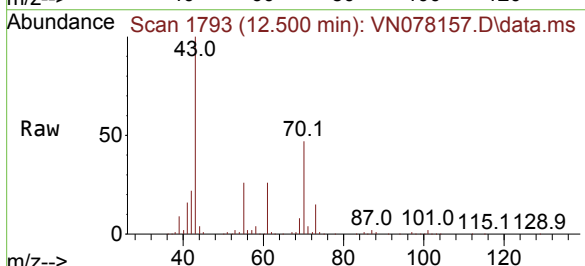
Ion Ratio Lower Upper

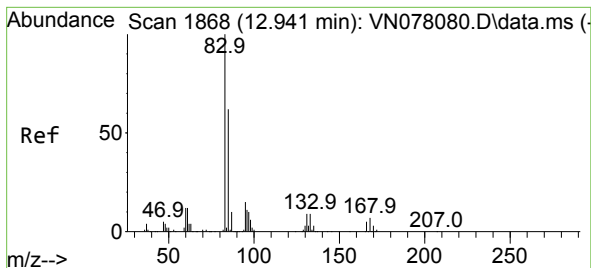
43 100

70 46.3 43.4 65.2

55 26.0 21.4 32.0

61 25.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.929 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

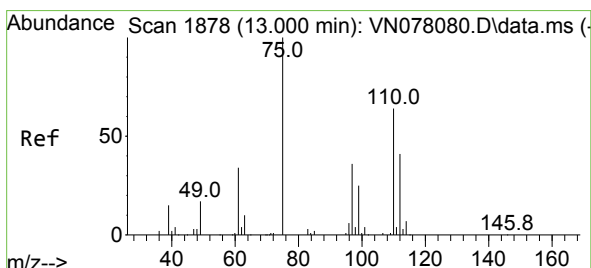
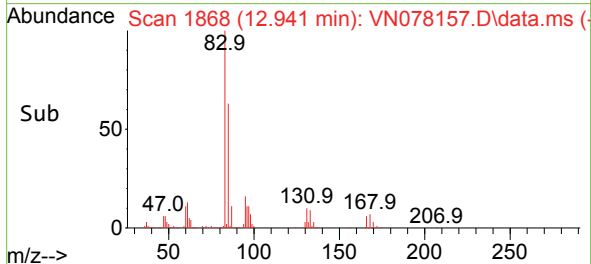
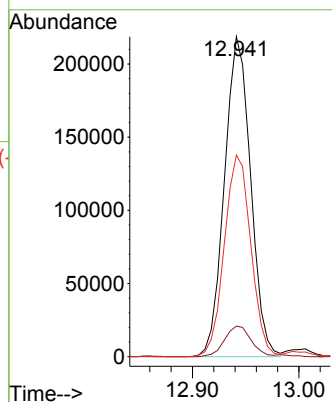
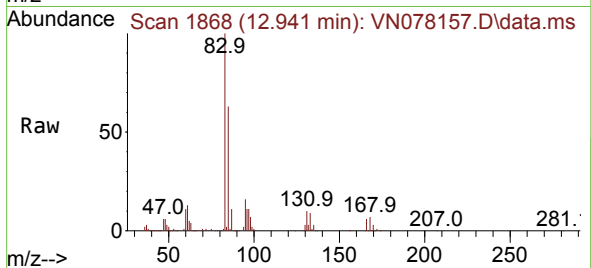
Tgt Ion: 83 Resp: 373144

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 63.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 67.644 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN078157.D

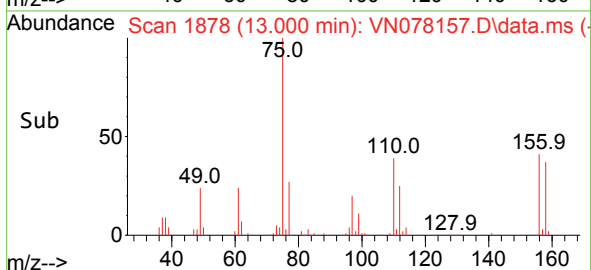
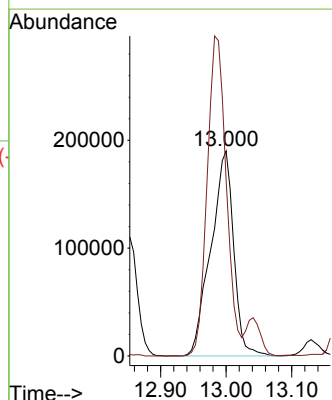
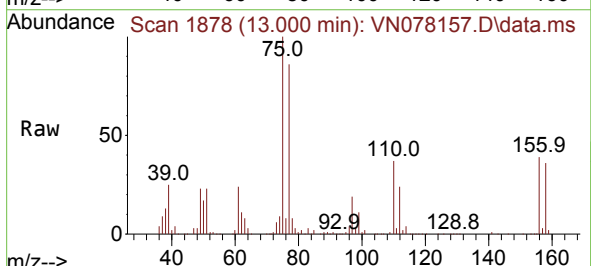
Acq: 12 Jun 2023 10:19

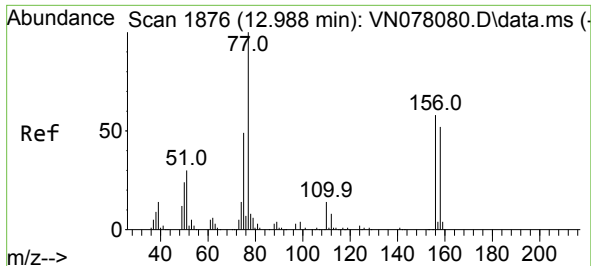
Tgt Ion: 75 Resp: 459472

Ion Ratio Lower Upper

75 100

77 131.1 84.5 253.5

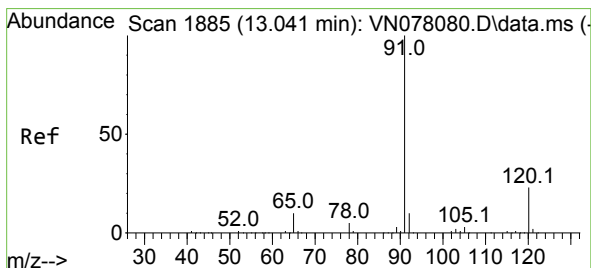
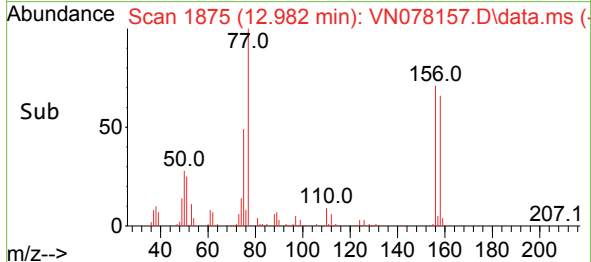
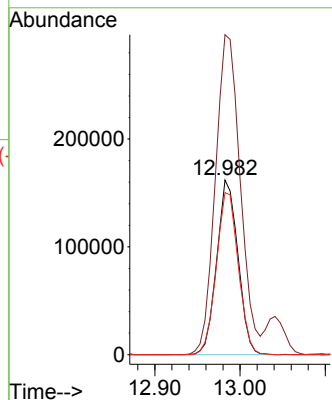
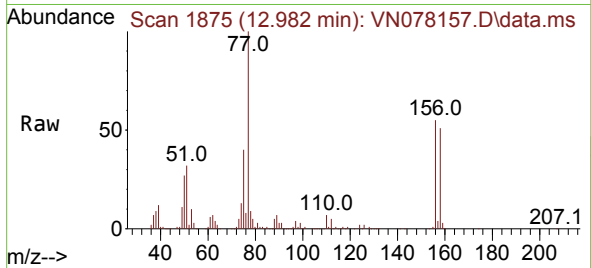




#77
Bromobenzene
Concen: 44.475 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

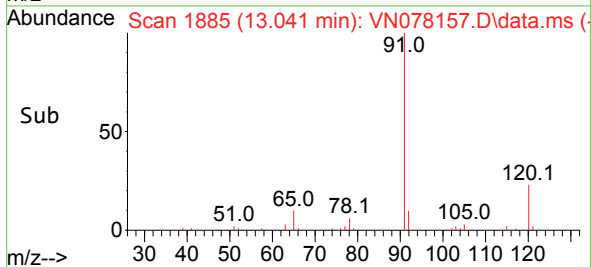
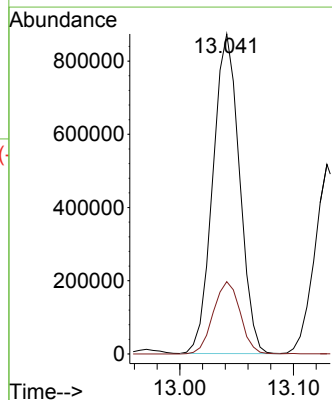
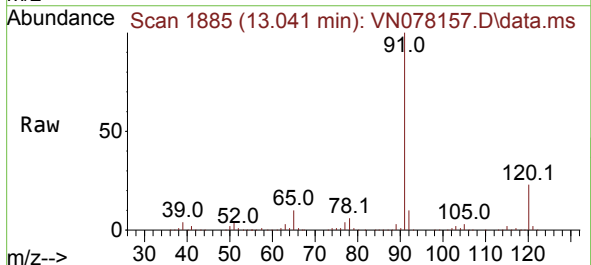
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

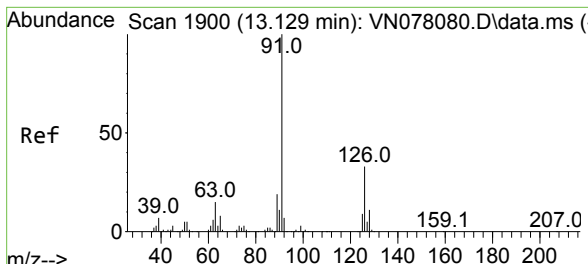
Tgt Ion:156 Resp: 280516
Ion Ratio Lower Upper
156 100
77 214.7 107.7 323.3
158 96.0 48.4 145.3



#78
n-propylbenzene
Concen: 48.208 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 91 Resp: 1423094
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



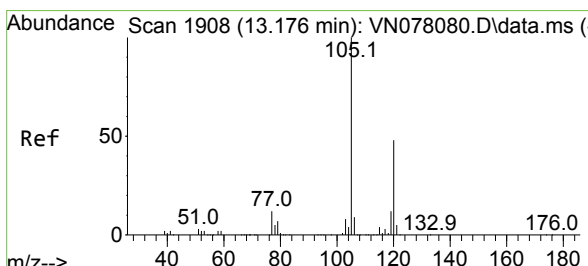
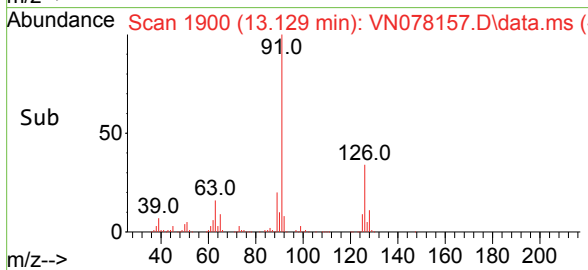
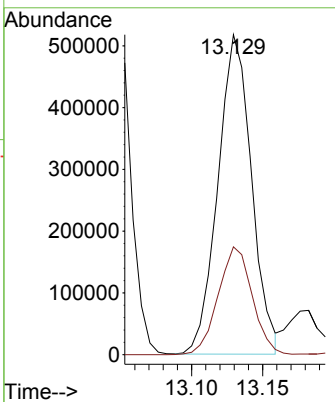
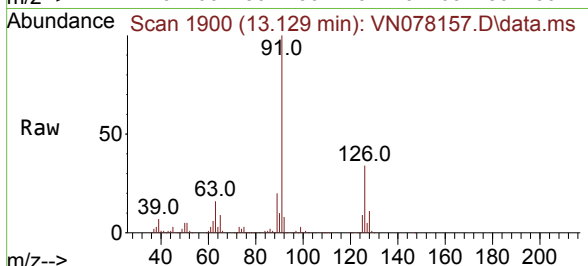


#79
 2-Chlorotoluene
 Concen: 44.669 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 851175

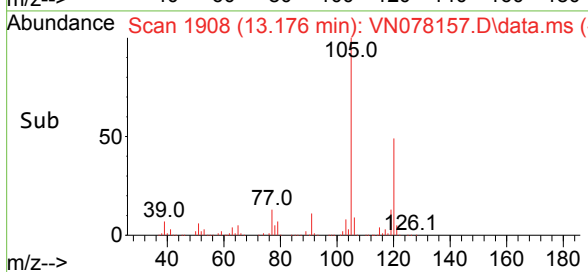
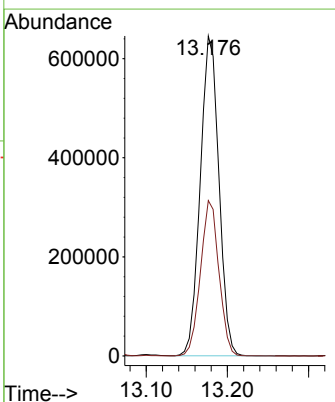
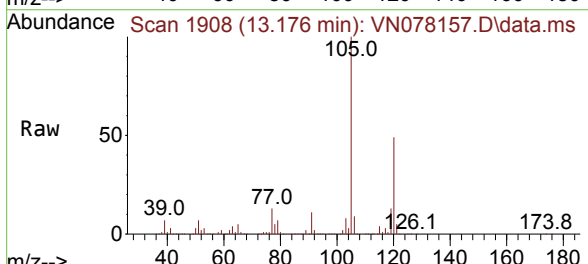
Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.3	48.8

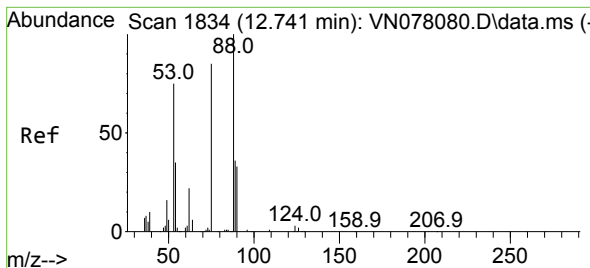


#80
 1,3,5-Trimethylbenzene
 Concen: 46.721 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

Tgt Ion: 105 Resp: 1027759

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.3

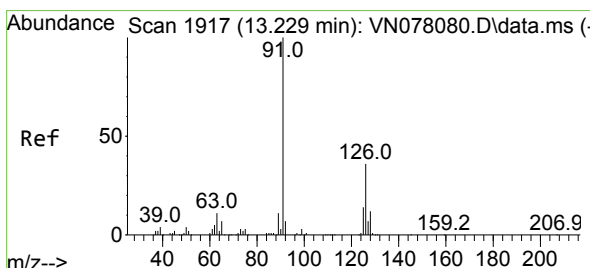
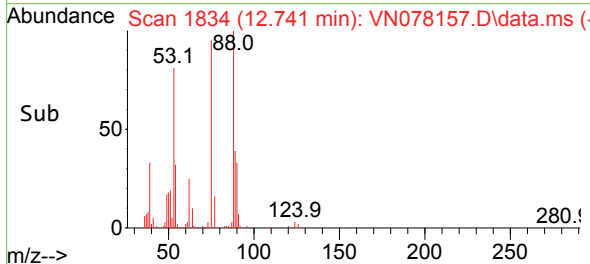
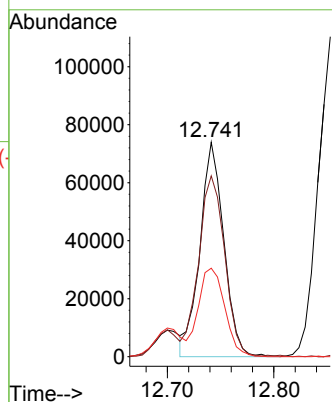
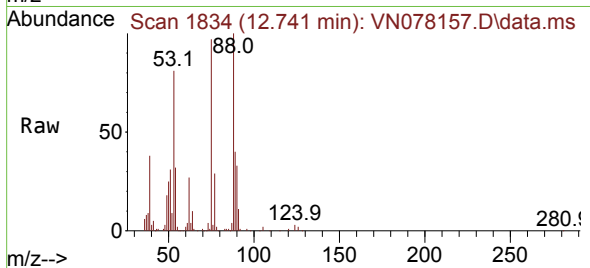




#81
trans-1,4-Dichloro-2-butene
Concen: 52.221 ug/l
RT: 12.741 min Scan# 115454
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

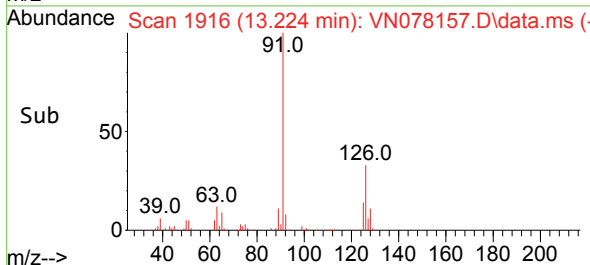
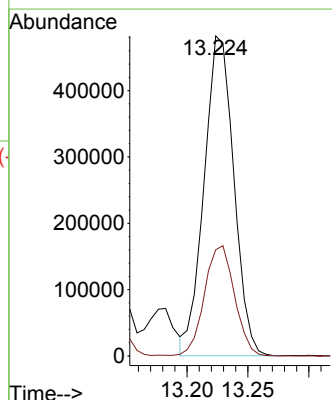
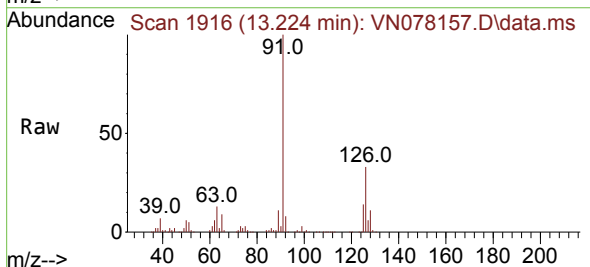
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

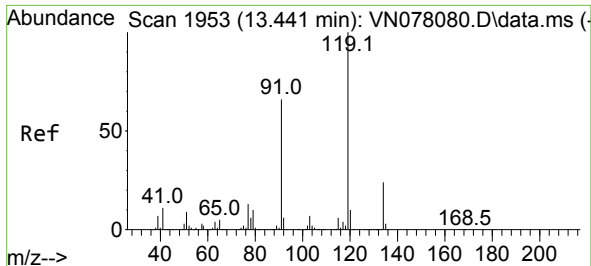
Tgt Ion: 75 Resp: 115454
Ion Ratio Lower Upper
75 100
53 91.7 67.4 101.2
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.036 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 91 Resp: 818722
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0

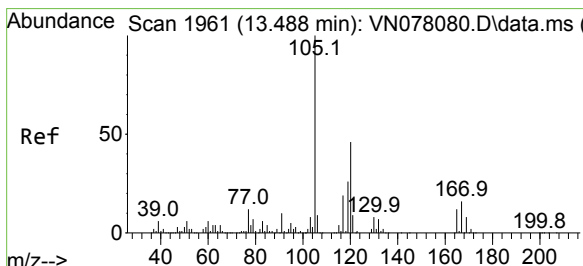
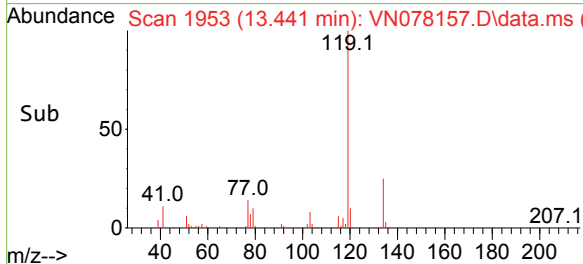
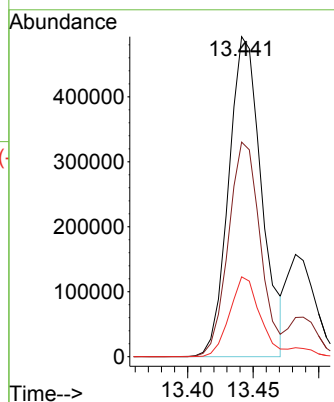
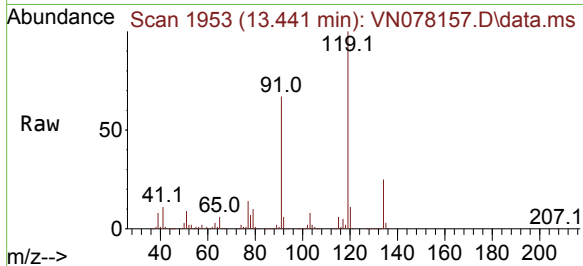




#83
 tert-Butylbenzene
 Concen: 44.996 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

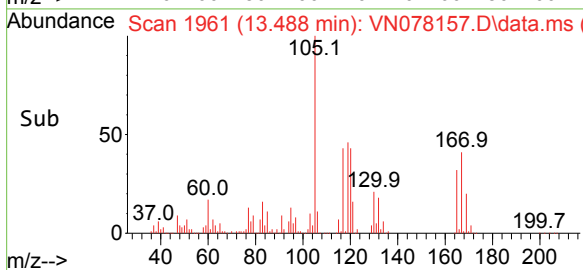
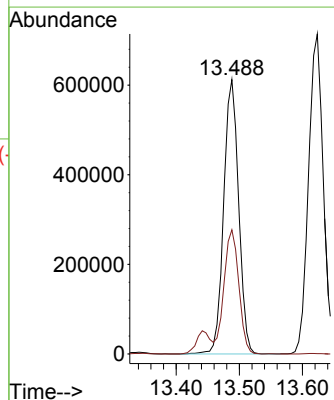
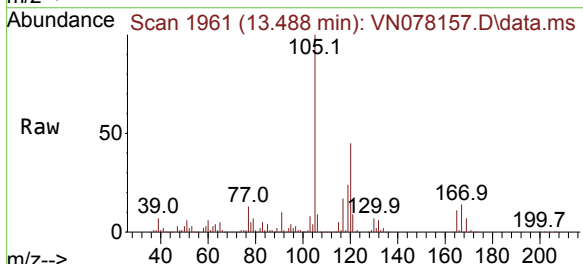
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

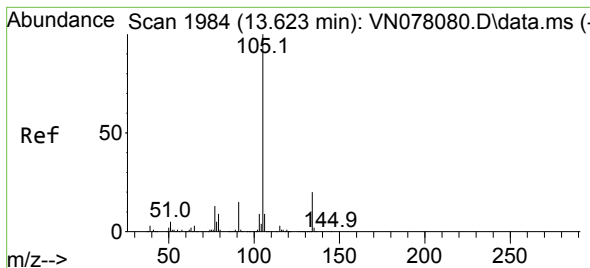
Tgt Ion:119 Resp: 860413
 Ion Ratio Lower Upper
 119 100
 91 65.1 33.9 101.7
 134 23.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.274 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078157.D
 Acq: 12 Jun 2023 10:19

Tgt Ion:105 Resp: 1008222
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.100 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

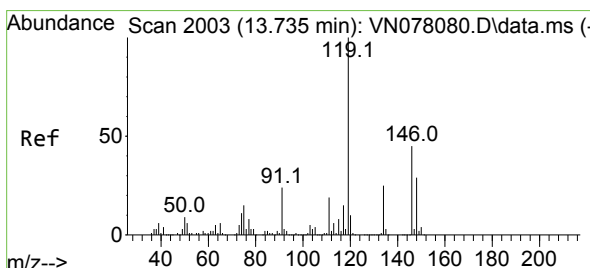
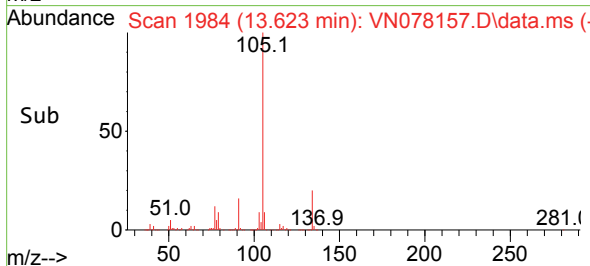
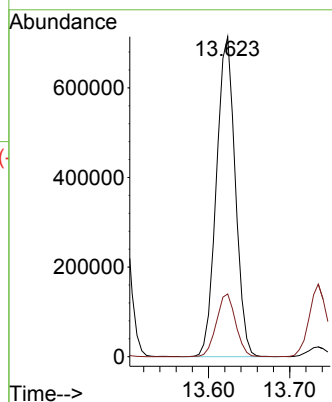
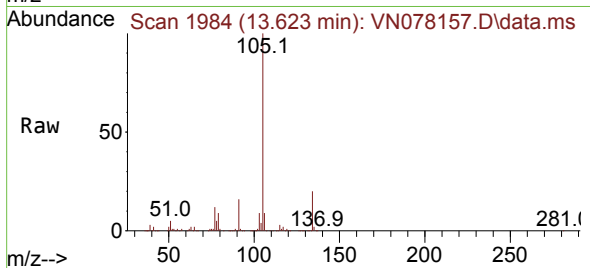
VSTDCCC050

Tgt Ion:105 Resp: 1153783

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.029 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

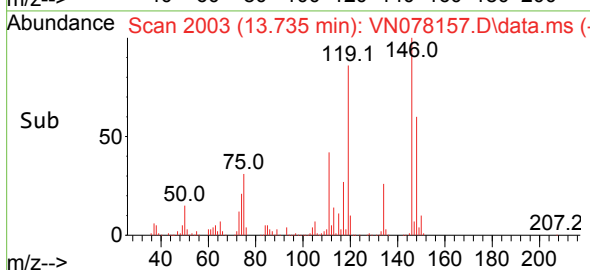
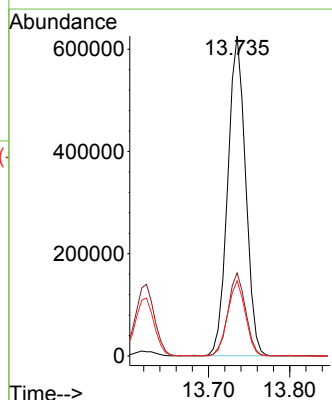
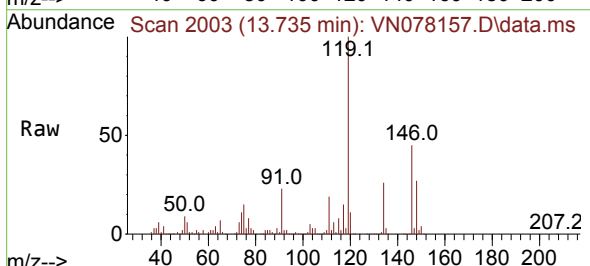
Tgt Ion:119 Resp: 955154

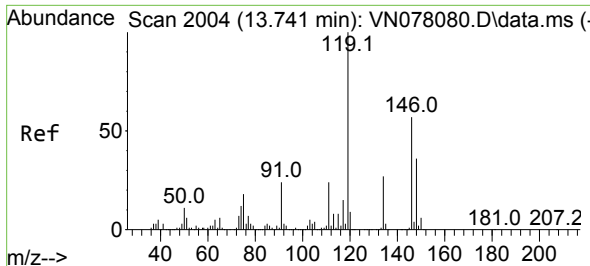
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 23.3 12.4 37.2

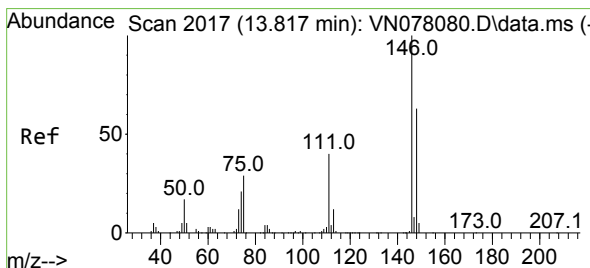
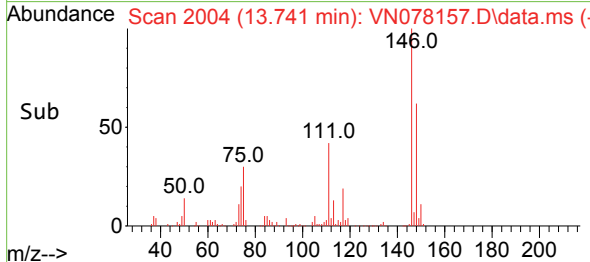
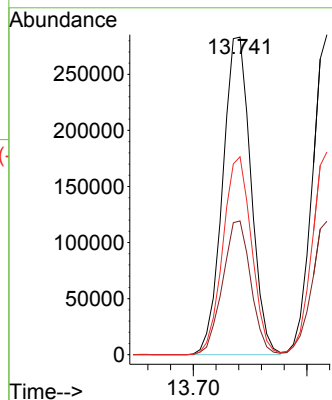
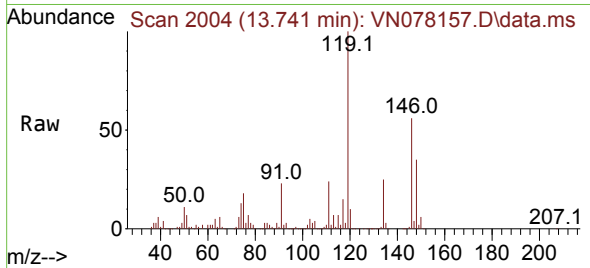




#87
1,3-Dichlorobenzene
Concen: 45.909 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

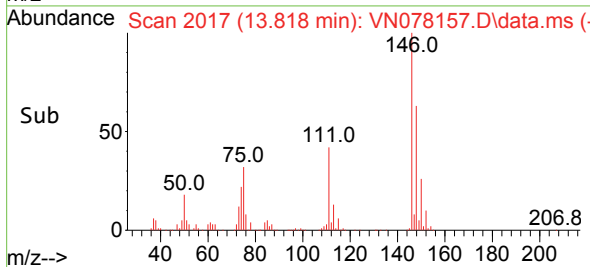
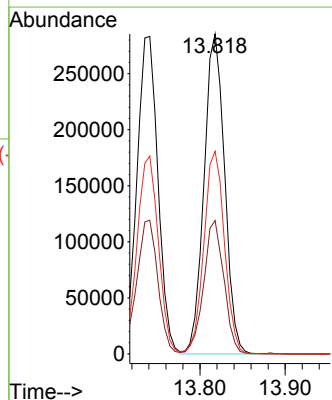
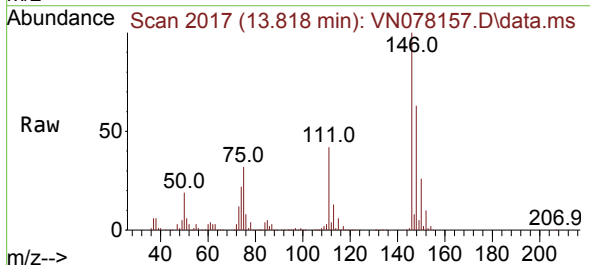
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

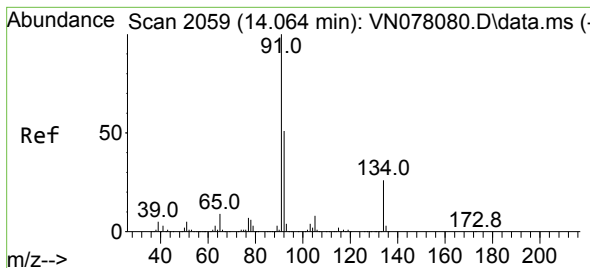
Tgt Ion:146 Resp: 489801
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 46.609 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion:146 Resp: 479835
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 47.013 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

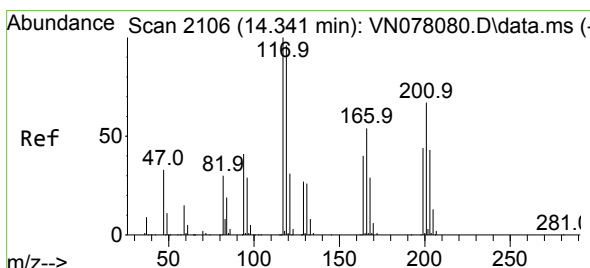
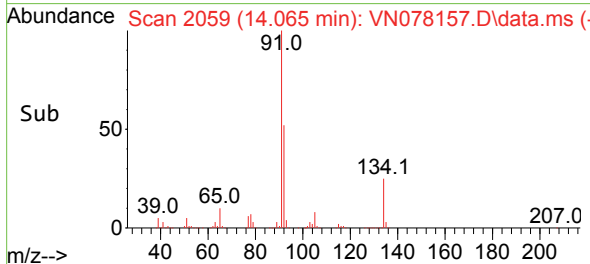
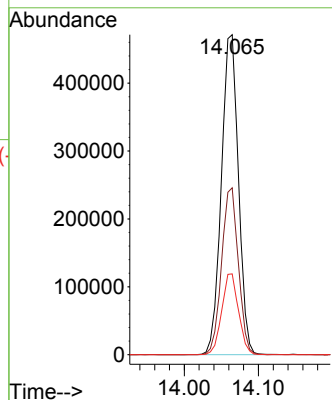
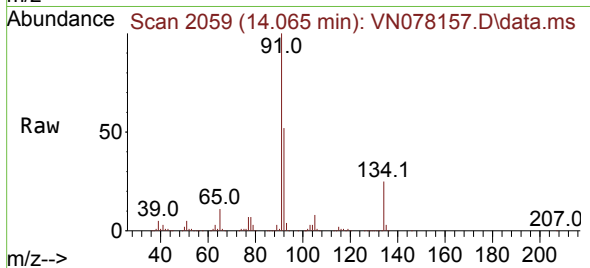
Tgt Ion: 91 Resp: 753132

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 48.715 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN078157.D

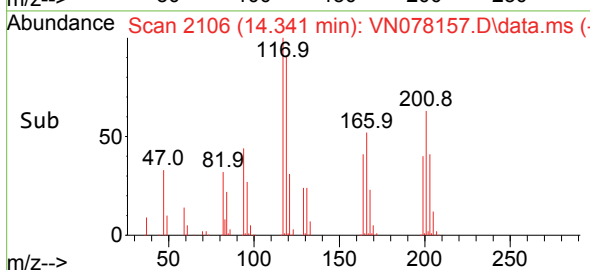
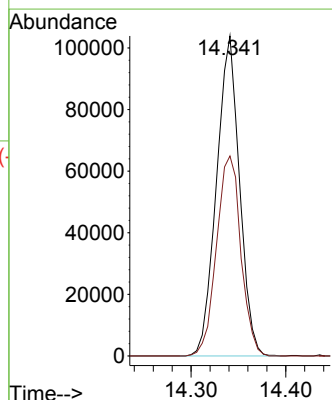
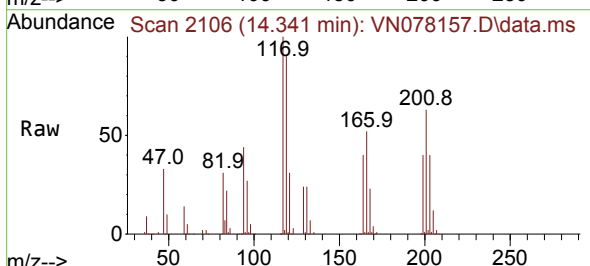
Acq: 12 Jun 2023 10:19

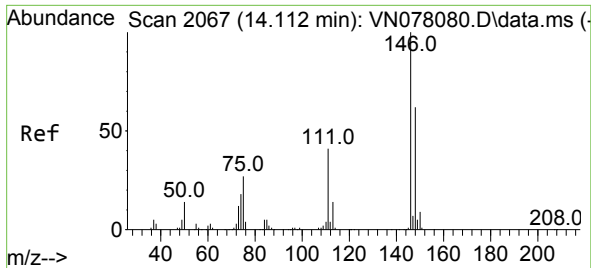
Tgt Ion: 117 Resp: 175586

Ion Ratio Lower Upper

117 100

201 66.0 29.3 88.0

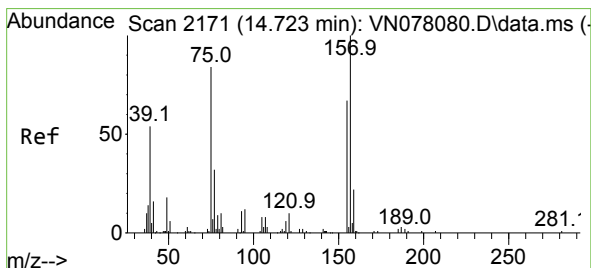
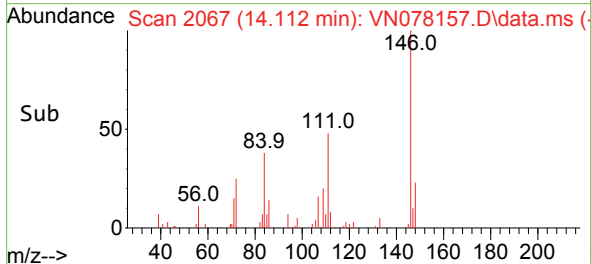
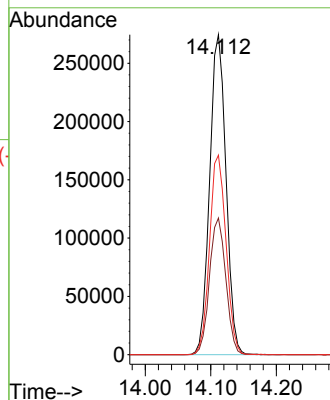
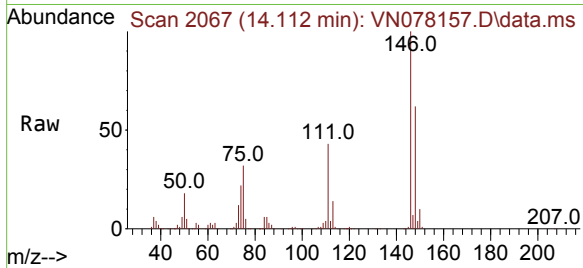




#91
1,2-Dichlorobenzene
Concen: 45.572 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

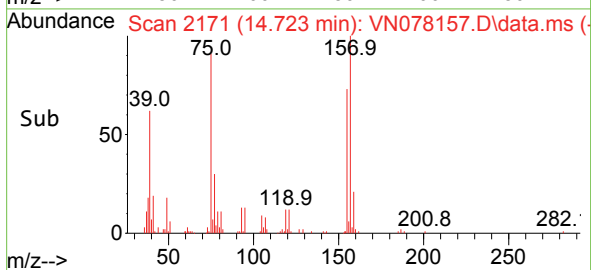
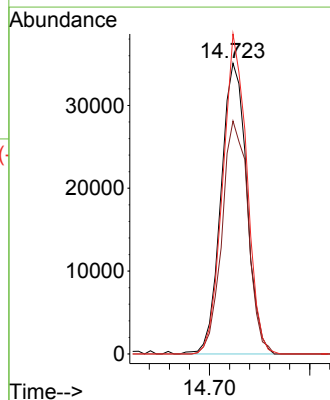
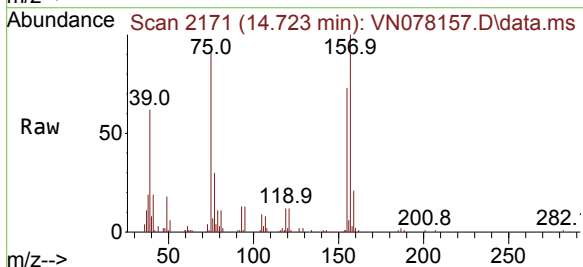
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

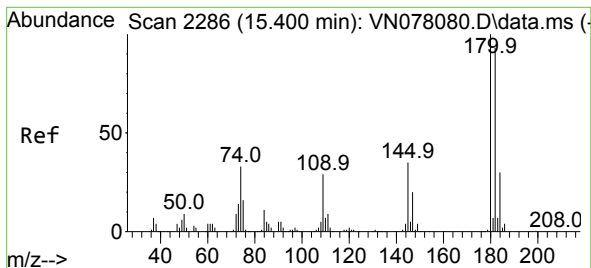
Tgt Ion:146 Resp: 475179
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 63.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.516 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078157.D
Acq: 12 Jun 2023 10:19

Tgt Ion: 75 Resp: 62602
Ion Ratio Lower Upper
75 100
155 80.8 39.1 117.2
157 102.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.575 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

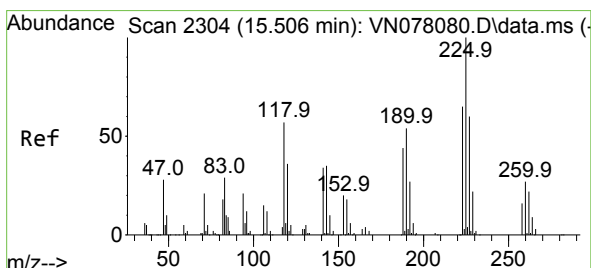
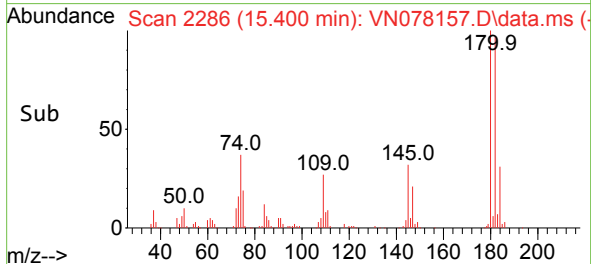
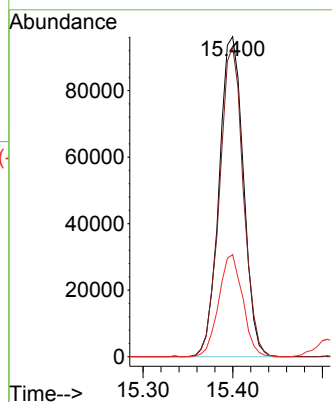
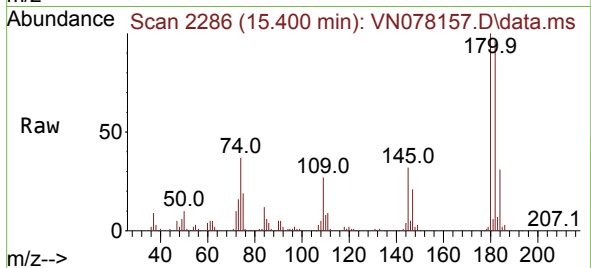
Tgt Ion:180 Resp: 180458

Ion Ratio Lower Upper

180 100

182 95.3 46.1 138.2

145 31.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 48.415 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

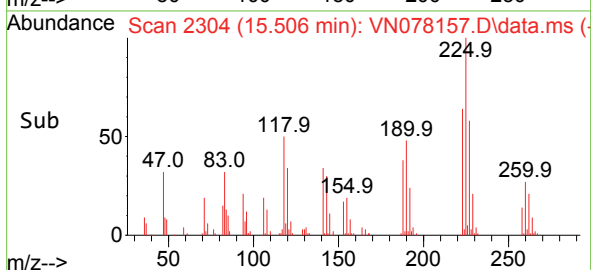
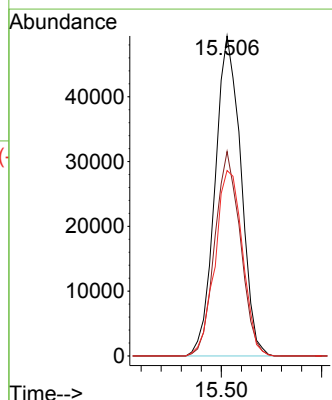
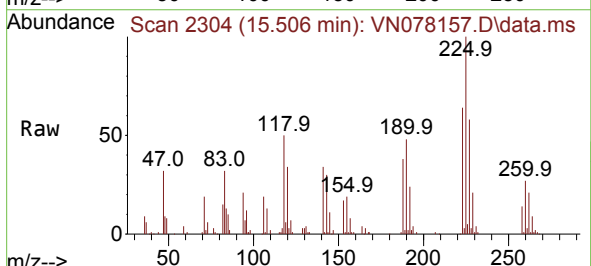
Tgt Ion:225 Resp: 88321

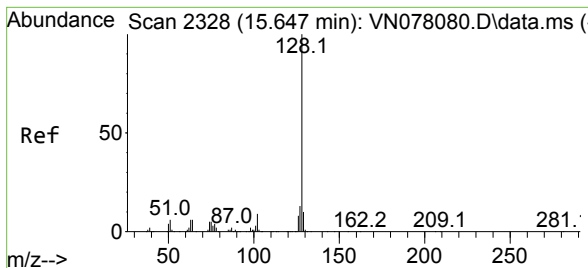
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

227 61.7 31.9 95.9





#95

Naphthalene

Concen: 45.787 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

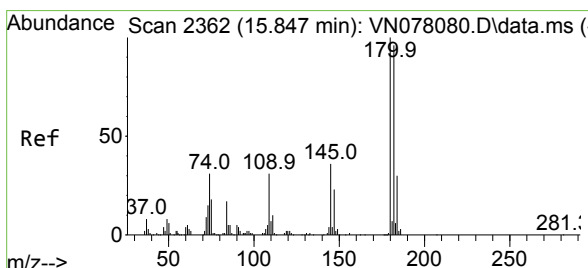
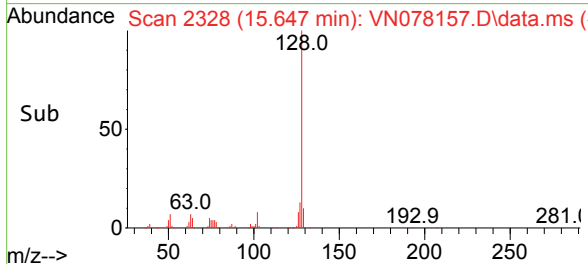
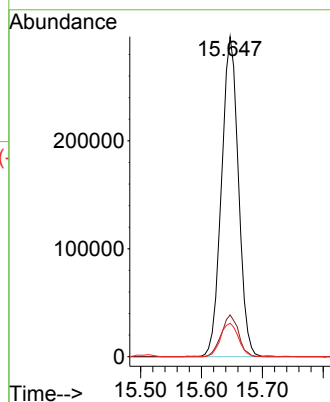
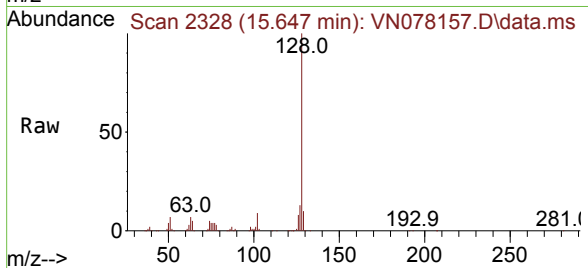
Tgt Ion:128 Resp: 572185

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.101 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078157.D

Acq: 12 Jun 2023 10:19

Tgt Ion:180 Resp: 191550

Ion Ratio Lower Upper

180 100

182 93.0 46.2 138.6

145 34.4 17.5 52.6

