

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078387.D
 Acq On : 24 Jun 2023 11:38
 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 26 01:45:51 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	418397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	738032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	654427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281192	50.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.820%	
35) Dibromofluoromethane	8.177	113	252876	54.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.380%	
50) Toluene-d8	10.571	98	916183	50.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.853	95	292738	52.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	203987	43.130	ug/l	98
3) Chloromethane	2.371	50	263381	59.543	ug/l	99
4) Vinyl Chloride	2.518	62	337269	54.459	ug/l	98
5) Bromomethane	2.948	94	220472	47.106	ug/l	100
6) Chloroethane	3.118	64	219499	51.992	ug/l	98
7) Trichlorofluoromethane	3.501	101	420570	50.078	ug/l	97
8) Diethyl Ether	3.971	74	145078	49.164	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	226654	51.138	ug/l	97
10) Methyl Iodide	4.600	142	292751	46.705	ug/l	96
11) Tert butyl alcohol	5.530	59	168675	218.980	ug/l	100
12) 1,1-Dichloroethene	4.353	96	221283	48.432	ug/l	94
13) Acrolein	4.189	56	256807	302.501	ug/l	96
14) Allyl chloride	5.036	41	291560	52.277	ug/l	93
15) Acrylonitrile	5.724	53	512553	258.097	ug/l	98
16) Acetone	4.436	43	406194	252.970	ug/l	98
17) Carbon Disulfide	4.718	76	612827	52.111	ug/l	99
18) Methyl Acetate	5.036	43	363060	49.111	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	747539	51.280	ug/l	98
20) Methylene Chloride	5.283	84	266984	50.316	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	251319	51.000	ug/l	90
22) Diisopropyl ether	6.677	45	714587	54.469	ug/l	95
23) Vinyl Acetate	6.612	43	2095503	268.706	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	459027	53.040	ug/l	98
25) 2-Butanone	7.489	43	646111	261.666	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	385698	60.359	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	293370	49.910	ug/l	93
28) Bromochloromethane	7.824	49	209360	52.688	ug/l	88
29) Tetrahydrofuran	7.847	42	427305	258.864	ug/l	85
30) Chloroform	7.971	83	502698	53.943	ug/l	93
31) Cyclohexane	8.265	56	343198	47.960	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	445926	54.504	ug/l	97
36) 1,1-Dichloropropene	8.377	75	369168	55.153	ug/l	97
37) Ethyl Acetate	7.571	43	277697	53.107	ug/l #	91
38) Carbon Tetrachloride	8.371	117	393456	55.670	ug/l	99
39) Methylcyclohexane	9.606	83	316257	45.592	ug/l	94
40) Benzene	8.612	78	1096850	54.889	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	147201	51.936	ug/l	91
42) 1,2-Dichloroethane	8.677	62	385035	56.197	ug/l	98
43) Isopropyl Acetate	8.694	43	485537	48.553	ug/l	96
44) Trichloroethene	9.359	130	282240	53.482	ug/l	99
45) 1,2-Dichloropropane	9.630	63	276396	55.593	ug/l	99
46) Dibromomethane	9.712	93	190947	52.142	ug/l	93
47) Bromodichloromethane	9.894	83	391800	57.598	ug/l	97
48) Methyl methacrylate	9.688	41	225370	53.703	ug/l	89
49) 1,4-Dioxane	9.700	88	84904	962.587	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1413866	268.490	ug/l	93
52) Toluene	10.635	92	684726	54.271	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	413181	58.323	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	453766	57.944	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	270715	56.721	ug/l	97
56) Ethyl methacrylate	10.877	69	377801	54.364	ug/l	91
57) 1,3-Dichloropropane	11.171	76	445429	55.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	754744	268.842	ug/l	93
59) 2-Hexanone	11.200	43	989082	269.750	ug/l	91
60) Dibromochloromethane	11.365	129	292359	55.979	ug/l	98
61) 1,2-Dibromoethane	11.471	107	272328	54.371	ug/l	99
64) Tetrachloroethene	11.106	164	231564	53.039	ug/l	99
65) Chlorobenzene	11.894	112	730398	52.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	279189	54.162	ug/l	98
67) Ethyl Benzene	11.971	91	1285908	53.175	ug/l	99
68) m/p-Xylenes	12.076	106	987820	107.185	ug/l	98
69) o-Xylene	12.406	106	480468	53.089	ug/l	98
70) Styrene	12.418	104	787124	55.245	ug/l	98
71) Bromoform	12.582	173	184093	55.341	ug/l #	99
73) Isopropylbenzene	12.700	105	1155512	47.835	ug/l	98
74) N-amyl acetate	12.500	43	390052	49.034	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	359133	54.263	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	440969	73.020	ug/l	74
77) Bromobenzene	12.982	156	277861	49.551	ug/l	98
78) n-propylbenzene	13.041	91	1314665	50.092	ug/l	100
79) 2-Chlorotoluene	13.129	91	828809	48.922	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	948575	48.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	105807	53.829	ug/l #	86
82) 4-Chlorotoluene	13.223	91	794197	50.230	ug/l	97
83) tert-Butylbenzene	13.441	119	773173	45.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	947565	49.974	ug/l	98
85) sec-Butylbenzene	13.623	105	972615	43.710	ug/l	99
86) p-Isopropyltoluene	13.735	119	808180	44.757	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467501	49.287	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	460448	50.307	ug/l	99
89) n-Butylbenzene	14.059	91	611795	42.956	ug/l	98
90) Hexachloroethane	14.335	117	147476	46.022	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	457081	49.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55615	46.481	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	135093	40.901	ug/l	95
94) Hexachlorobutadiene	15.512	225	73817	45.344	ug/l	97
95) Naphthalene	15.647	128	444902	40.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	153293	41.497	ug/l	99

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VSTDCCC050

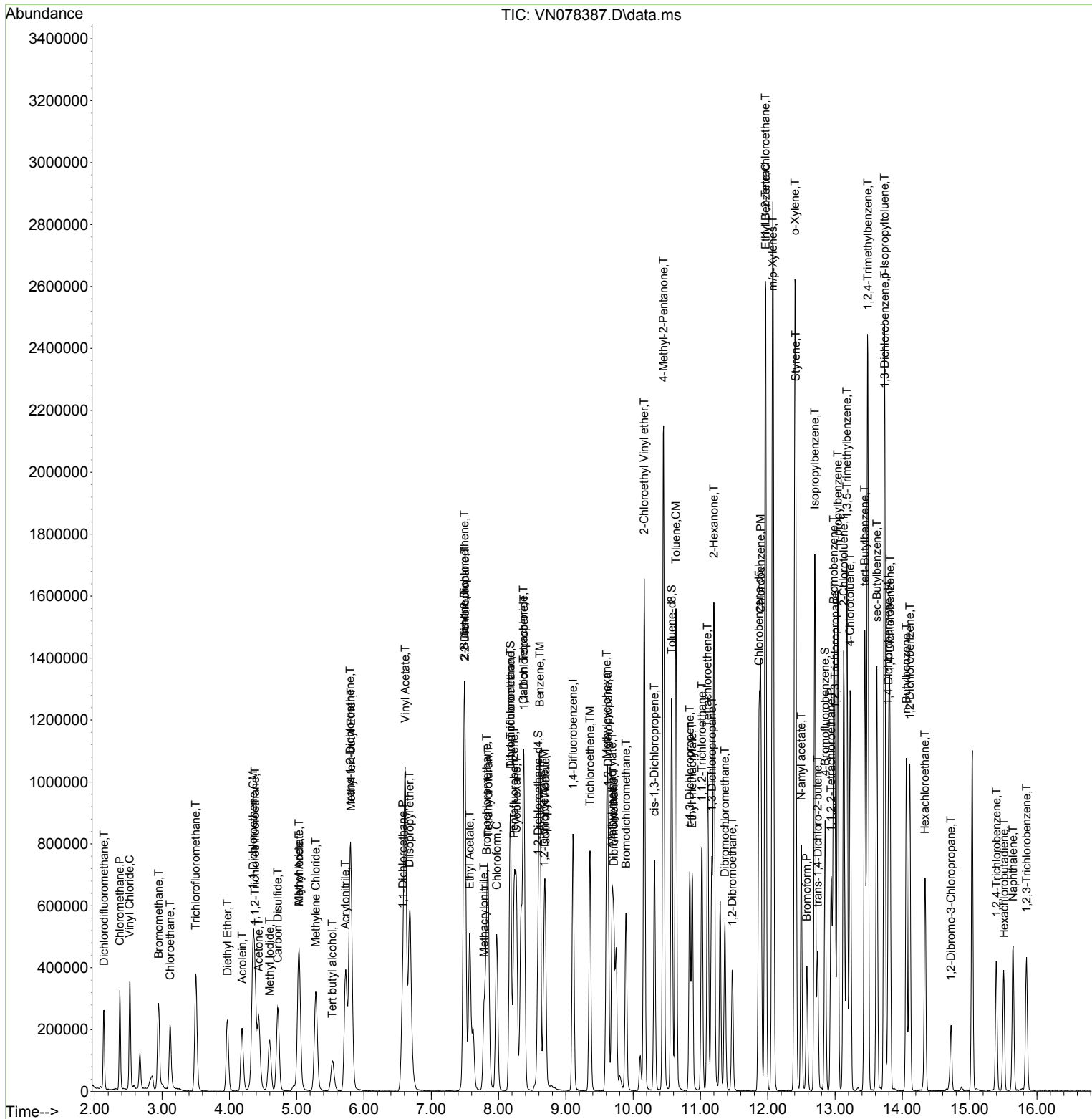
Quant Time: Jun 26 01:45:51 2023
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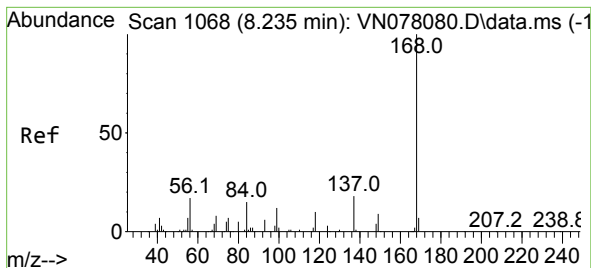
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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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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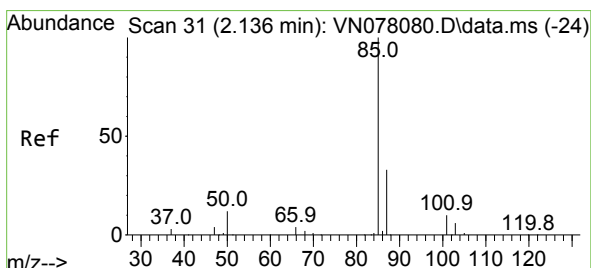
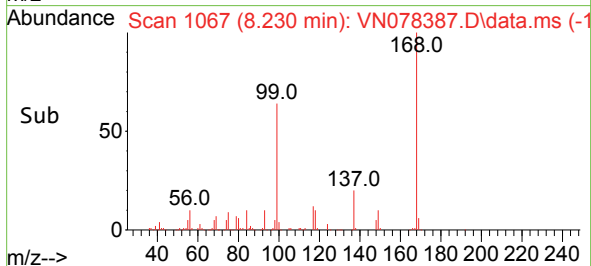
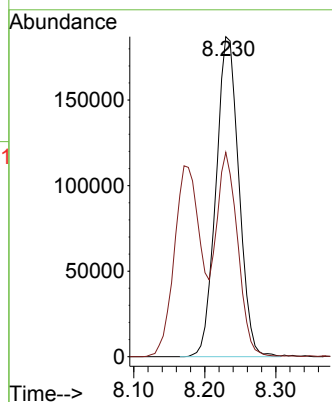
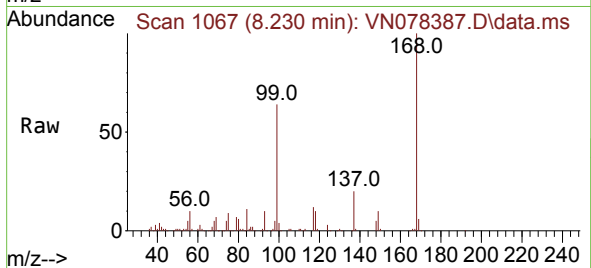
VSTDCCC050

Tgt Ion:168 Resp: 418397

Ion Ratio Lower Upper

168 100

99 63.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 43.130 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078387.D

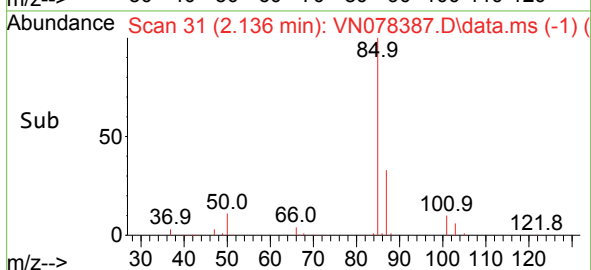
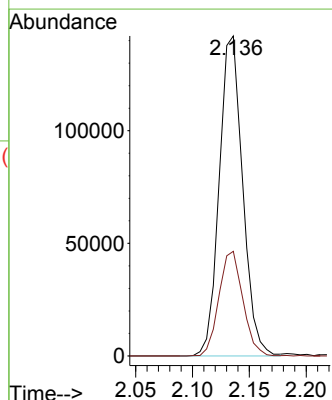
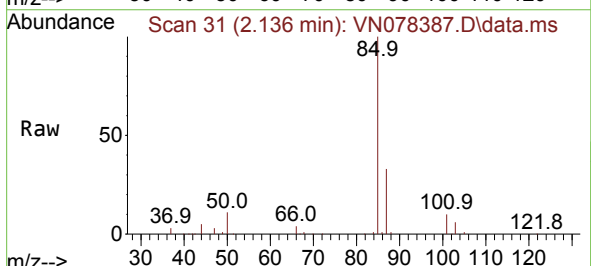
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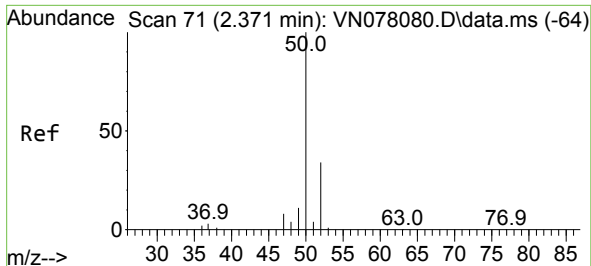
Tgt Ion: 85 Resp: 203987

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4

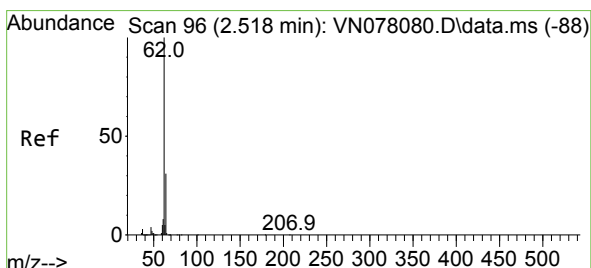
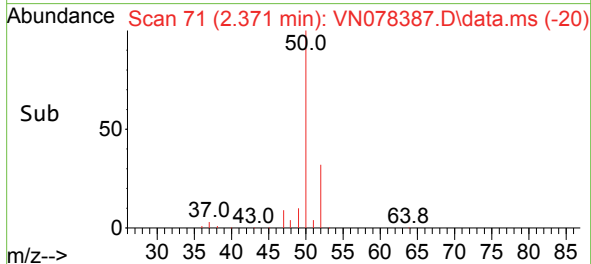
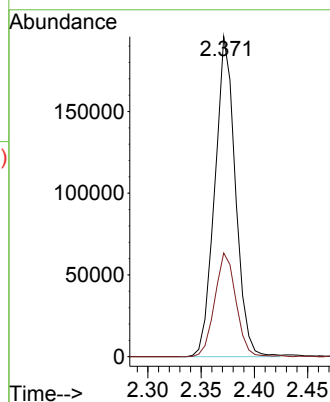
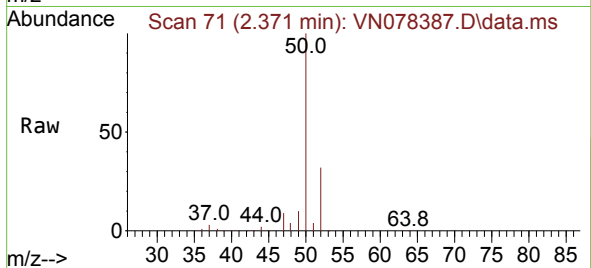




#3
Chloromethane
Concen: 59.543 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078387.D
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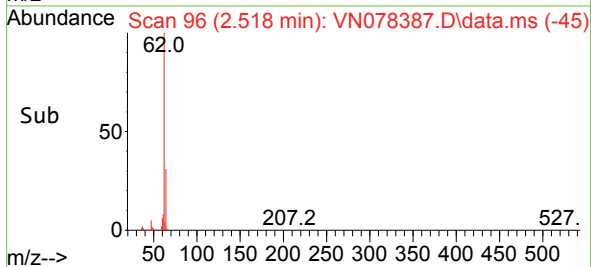
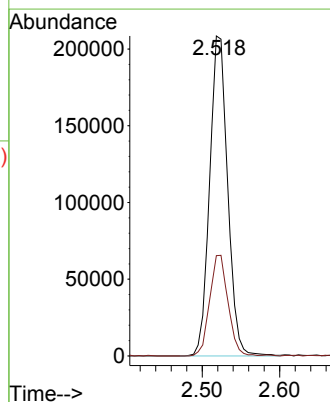
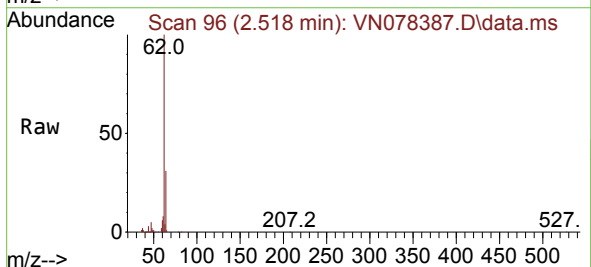
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ClientSampleId :
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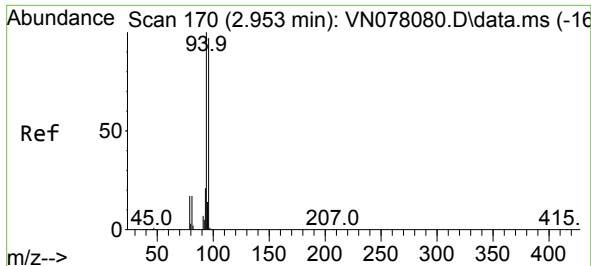
Tgt Ion: 50 Resp: 263381
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 54.459 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 62 Resp: 337269
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

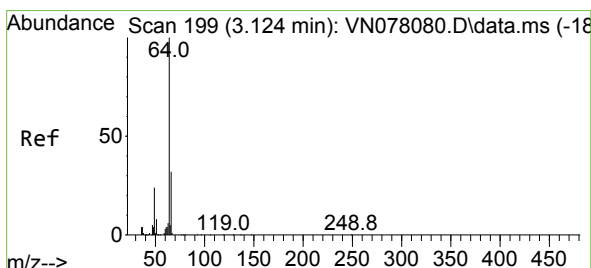
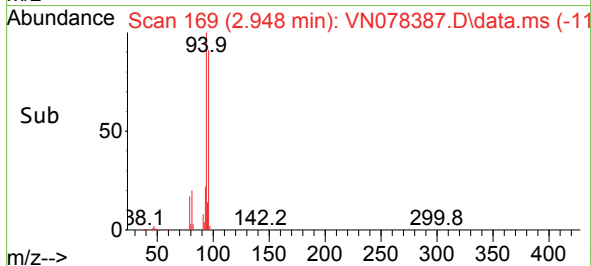
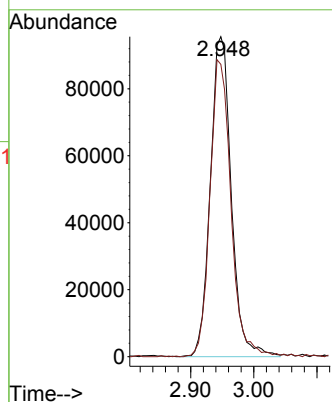
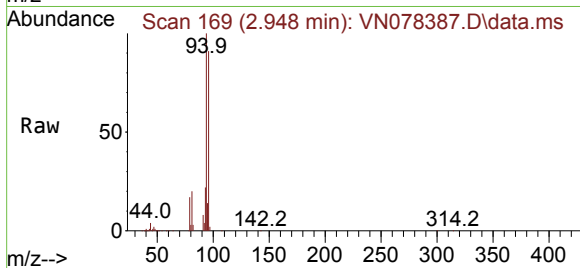




#5
Bromomethane
Concen: 47.106 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078387.D
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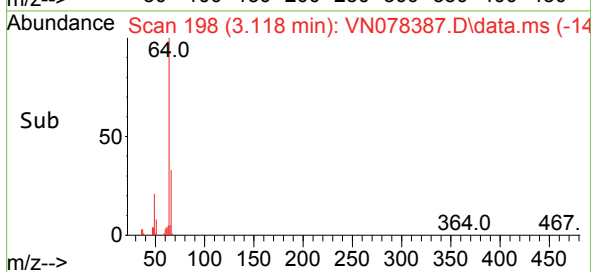
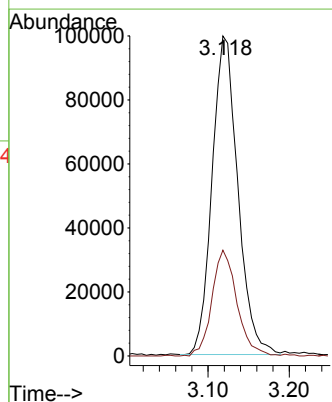
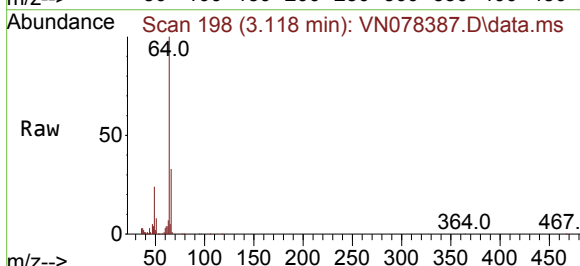
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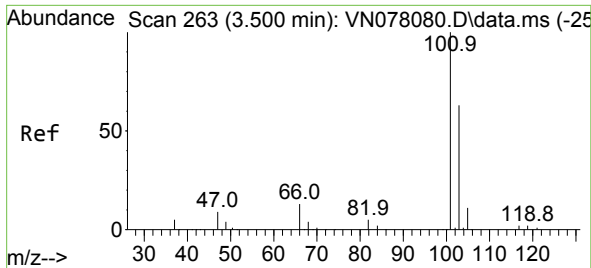
Tgt Ion: 94 Resp: 220472
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7



#6
Chloroethane
Concen: 51.992 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 64 Resp: 219499
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2

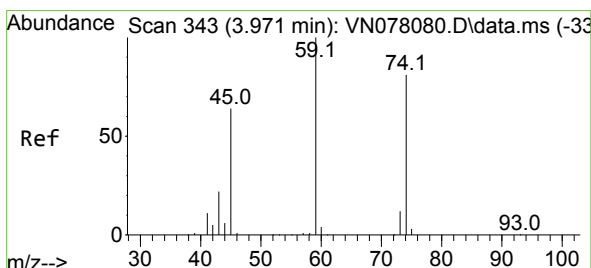
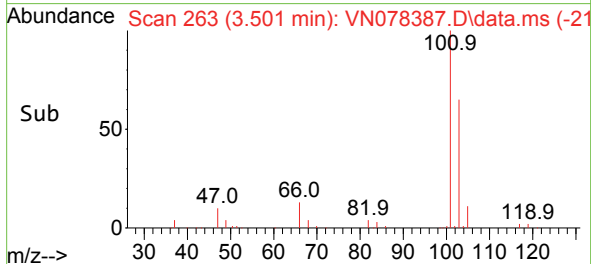
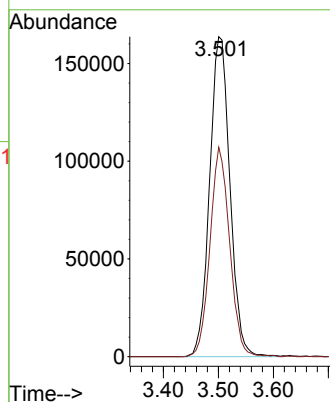
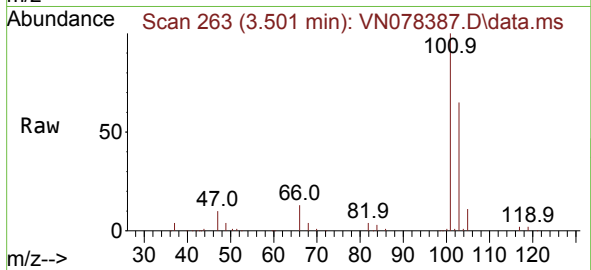




#7
 Trichlorofluoromethane
 Concen: 50.078 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

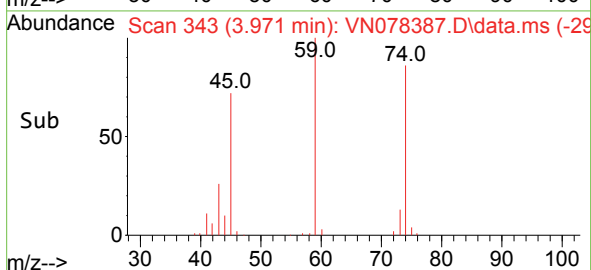
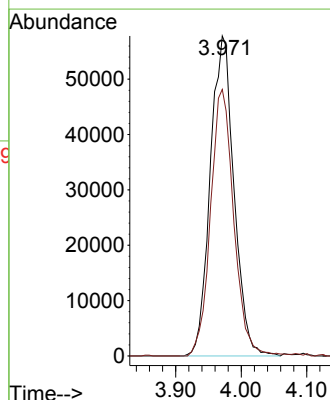
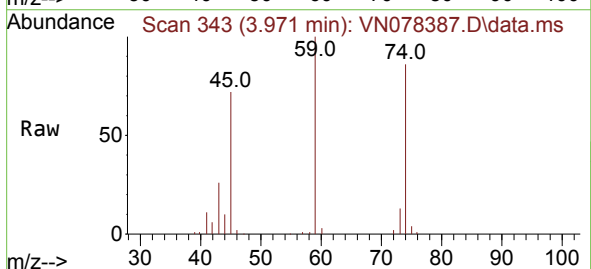
Instrument :
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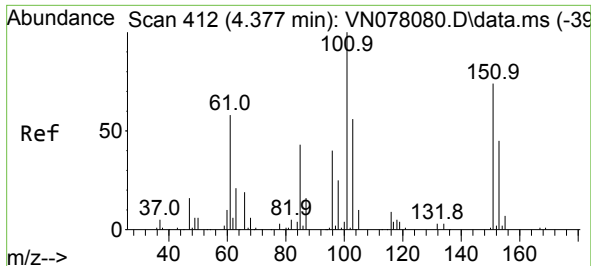
Tgt Ion:101 Resp: 420570
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.164 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 145078
 Ion Ratio Lower Upper
 74 100
 45 81.5 34.4 103.3

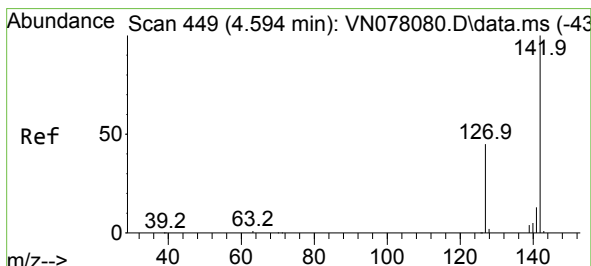
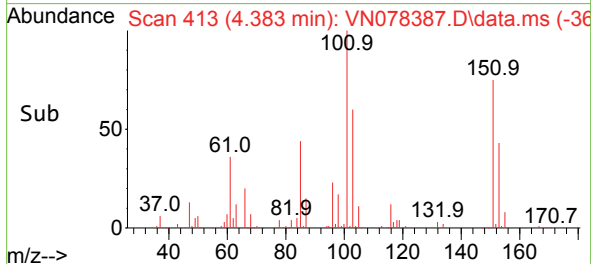
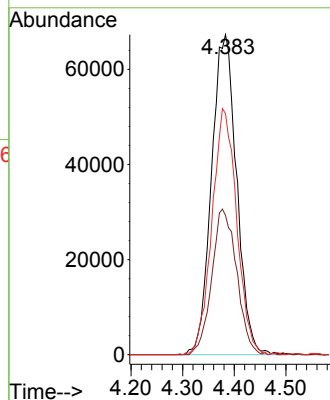
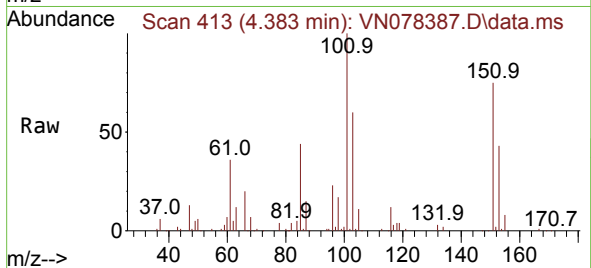




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.138 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

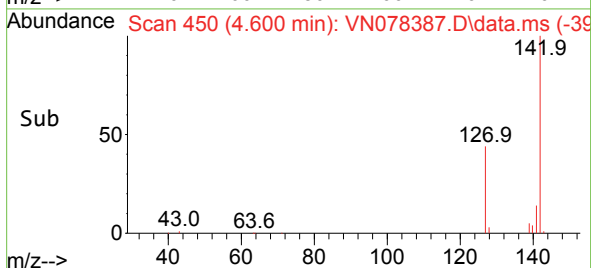
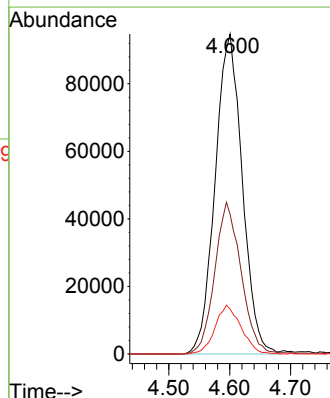
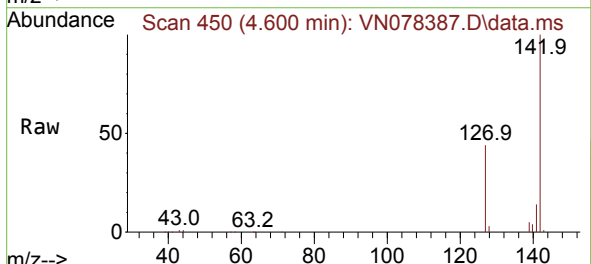
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

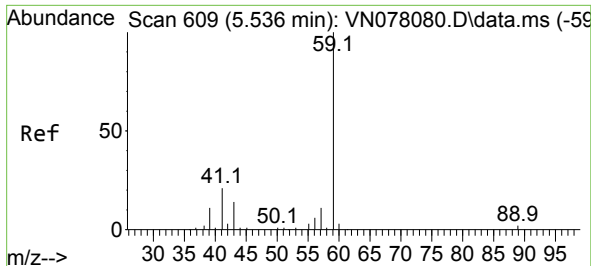
Tgt Ion:101 Resp: 226654
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 75.9 57.6 86.4



#10
Methyl Iodide
Concen: 46.705 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:142 Resp: 292751
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 14.0 11.4 17.0

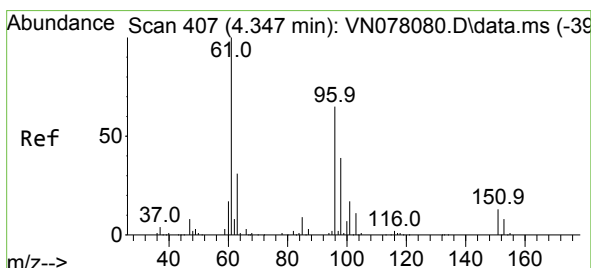
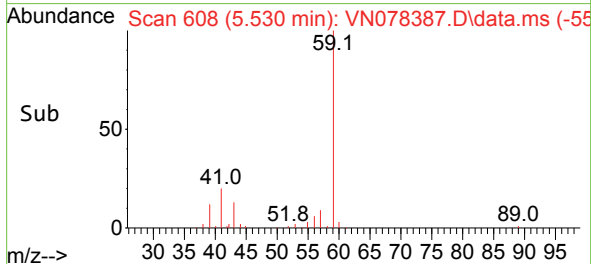
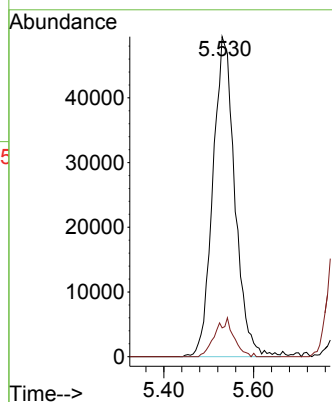
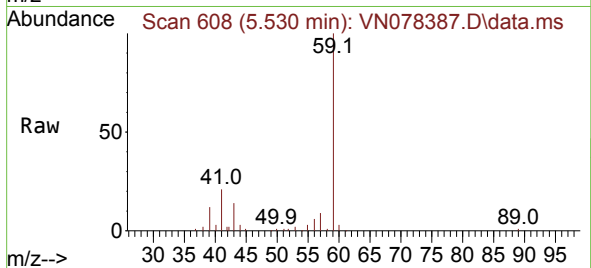




#11
Tert butyl alcohol
Concen: 218.980 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

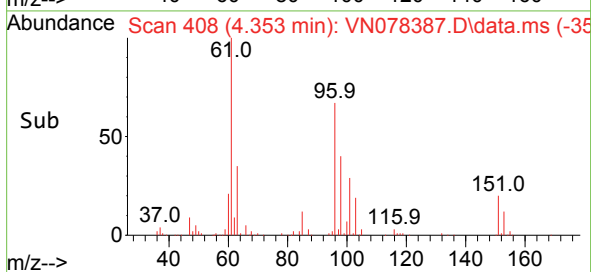
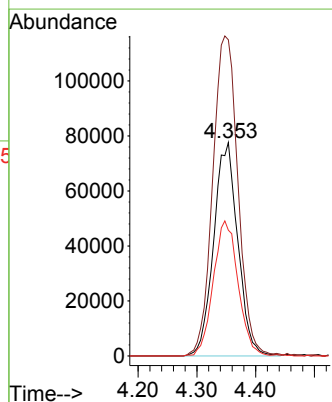
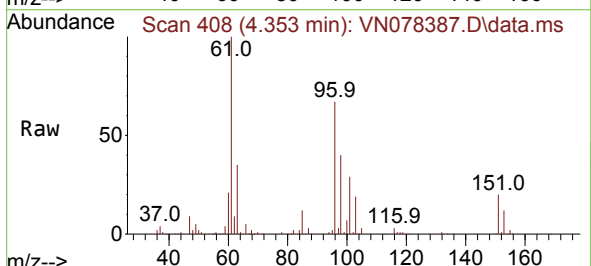
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

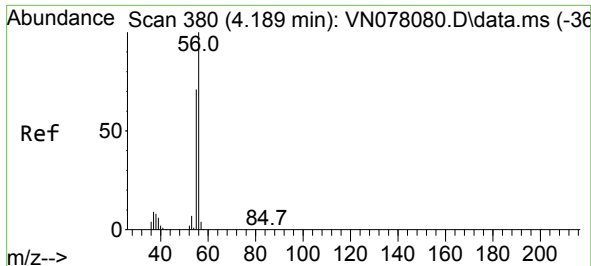
Tgt Ion: 59 Resp: 168675
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.432 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 96 Resp: 221283
Ion Ratio Lower Upper
96 100
61 148.2 112.7 169.1
98 59.0 51.2 76.8





#13

Acrolein

Concen: 302.501 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

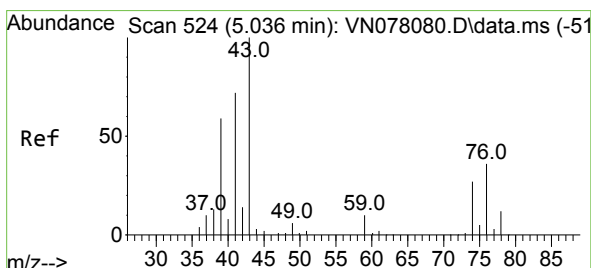
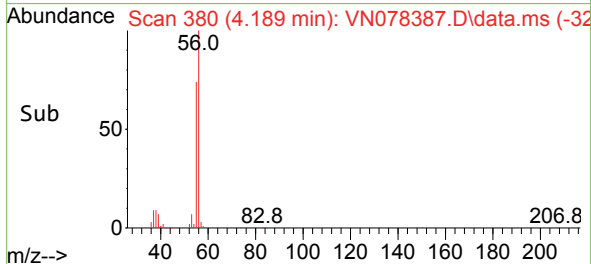
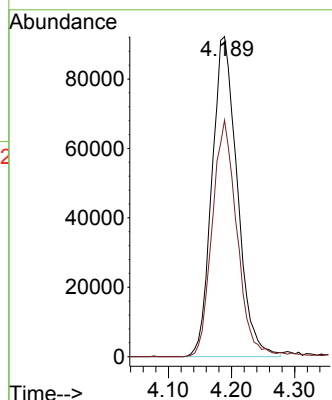
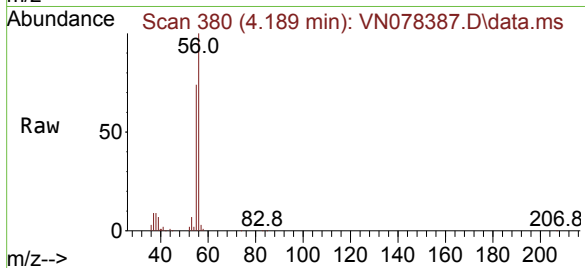
VSTDCCC050

Tgt Ion: 56 Resp: 256807

Ion Ratio Lower Upper

56 100

55 71.7 54.5 81.7



#14

Allyl chloride

Concen: 52.277 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

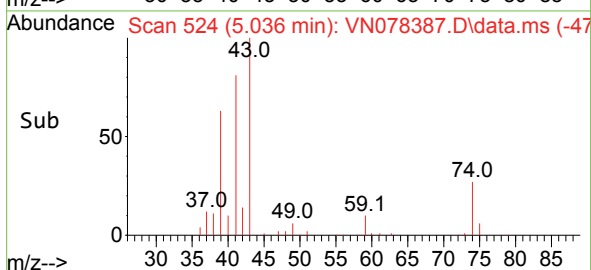
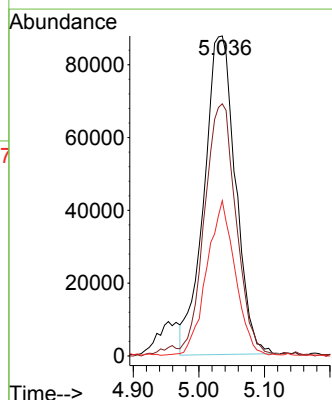
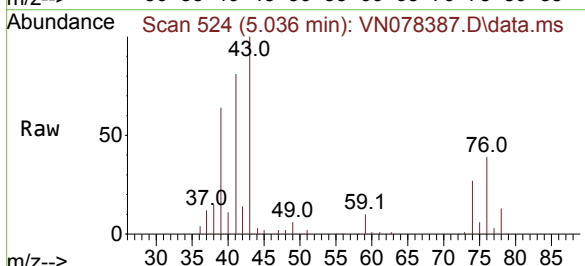
Tgt Ion: 41 Resp: 291560

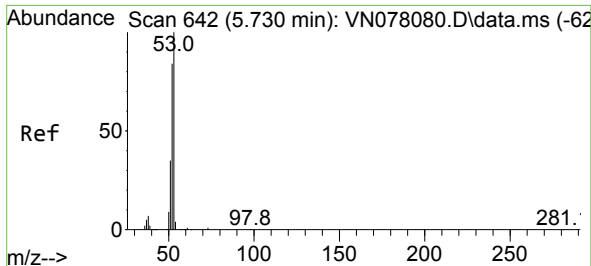
Ion Ratio Lower Upper

41 100

39 78.8 58.8 88.2

76 44.0 39.1 58.7

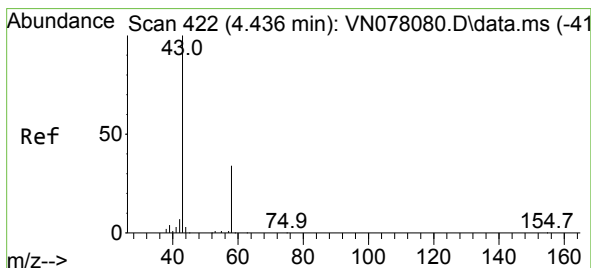
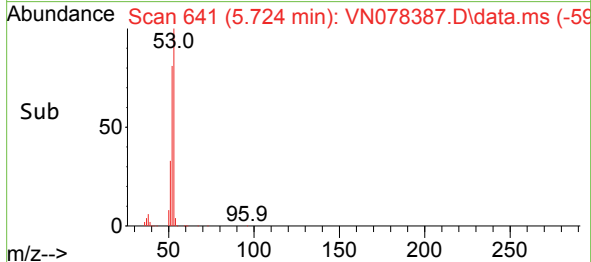
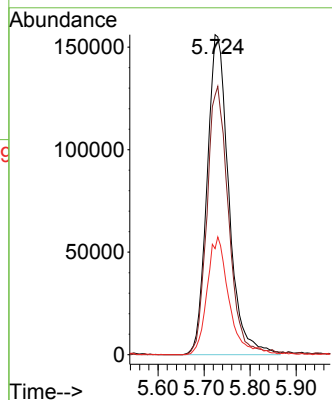
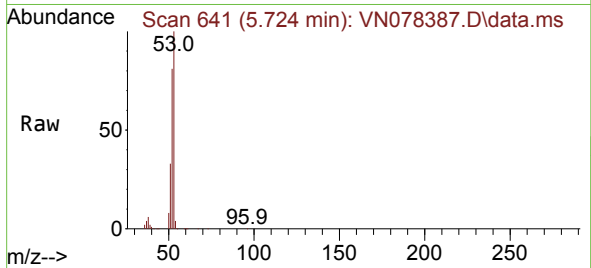




#15
Acrylonitrile
Concen: 258.097 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

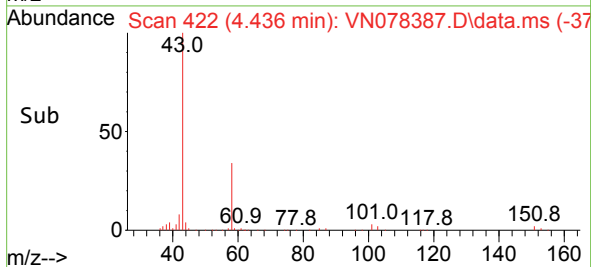
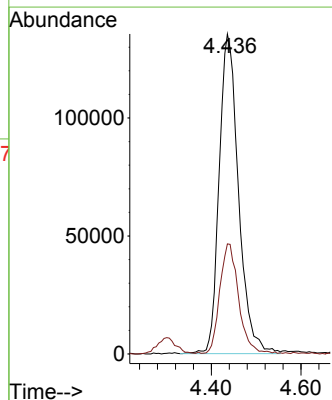
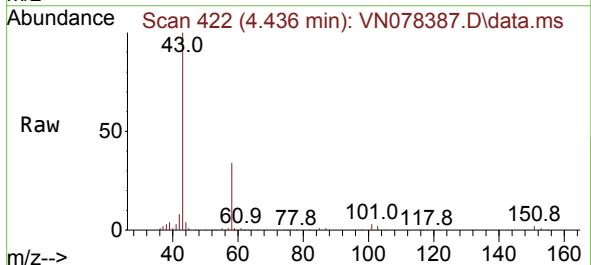
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

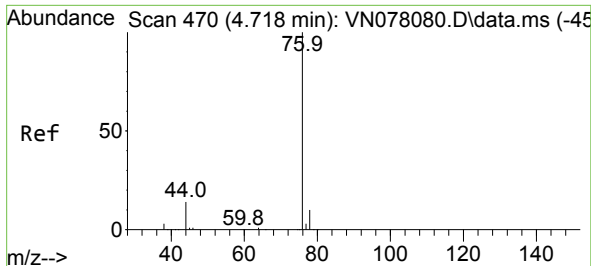
Tgt Ion: 53 Resp: 512553
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.1 28.9 43.3



#16
Acetone
Concen: 252.970 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 43 Resp: 406194
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0

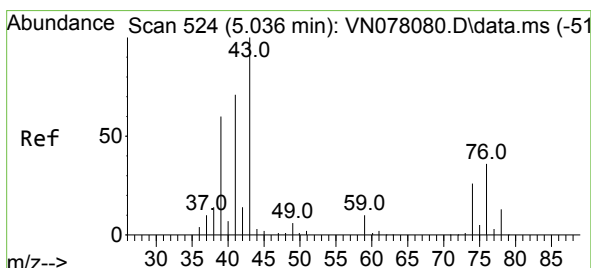
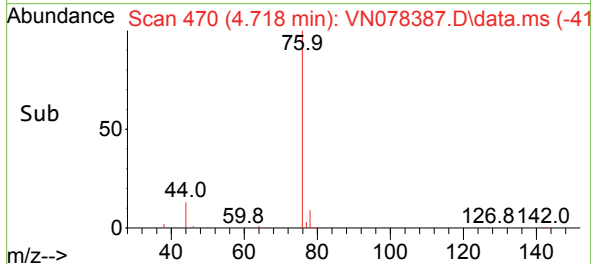
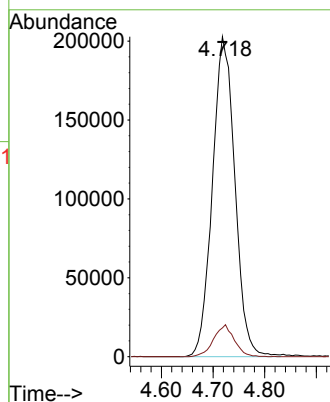
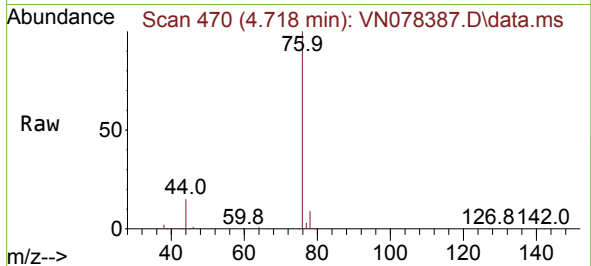




#17
Carbon Disulfide
Concen: 52.111 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

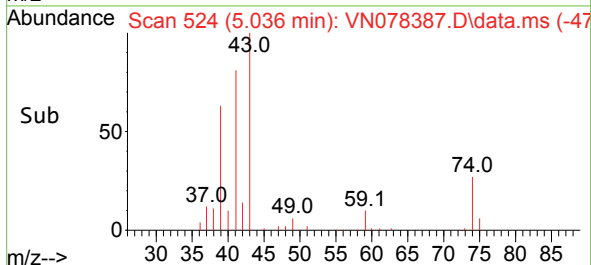
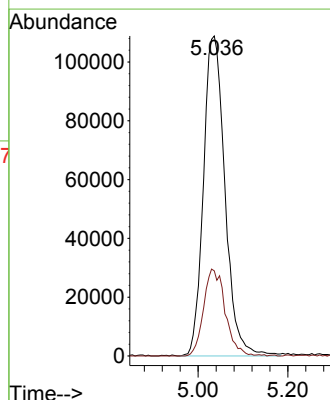
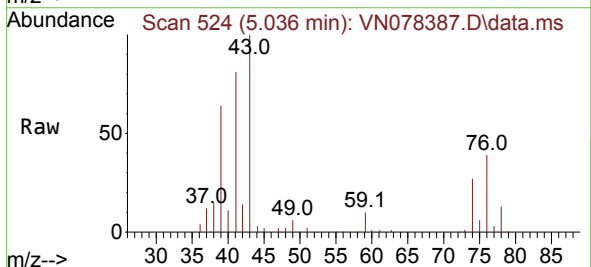
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

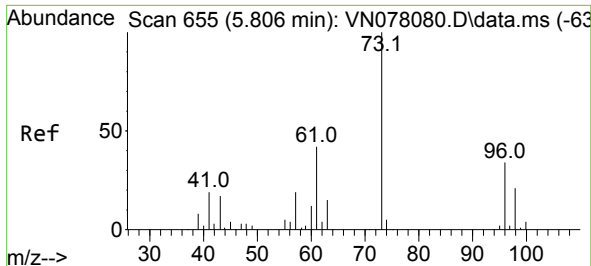
Tgt Ion: 76 Resp: 612827
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 49.111 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 43 Resp: 363060
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4

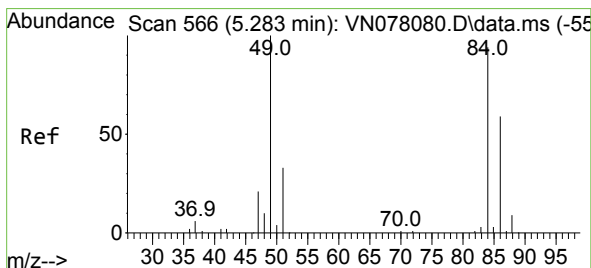
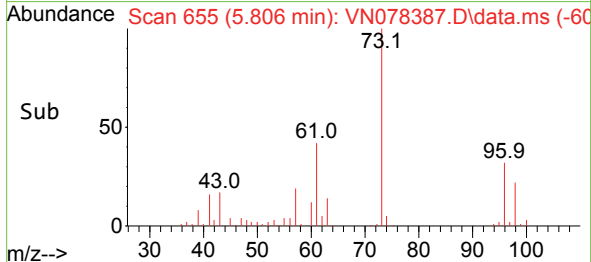
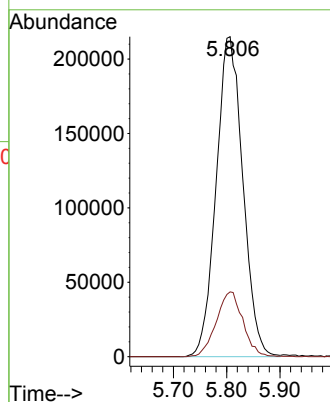
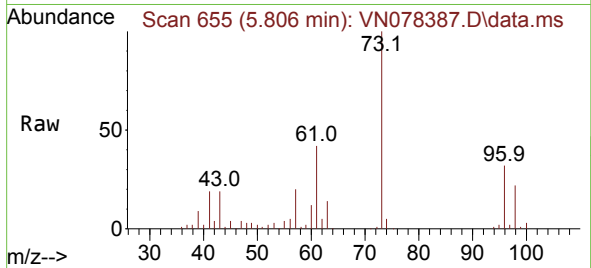




#19
Methyl tert-butyl Ether
Concen: 51.280 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

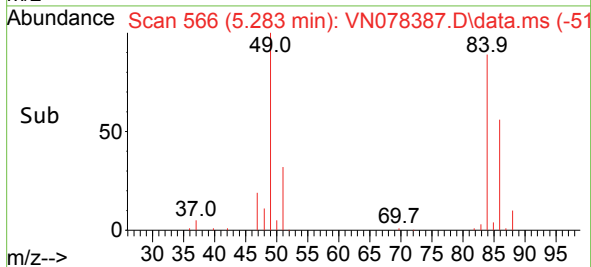
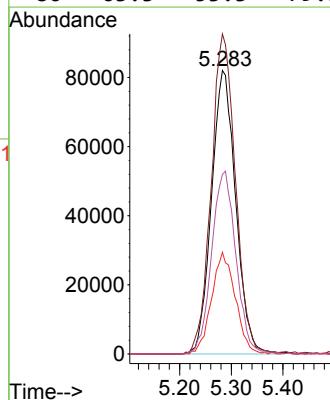
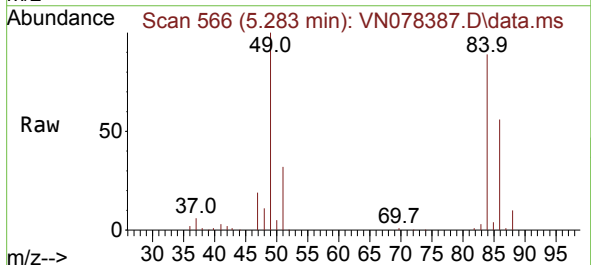
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

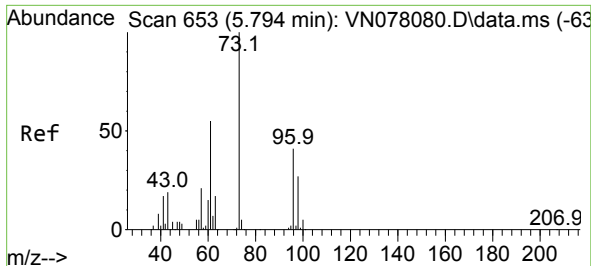
Tgt Ion: 73 Resp: 747539
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4



#20
Methylene Chloride
Concen: 50.316 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 84 Resp: 266984
Ion Ratio Lower Upper
84 100
49 112.9 79.7 119.5
51 35.9 25.2 37.8
86 63.3 53.3 79.9

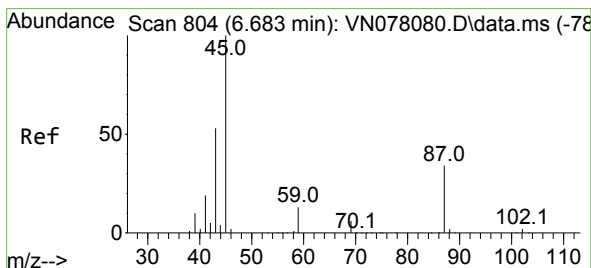
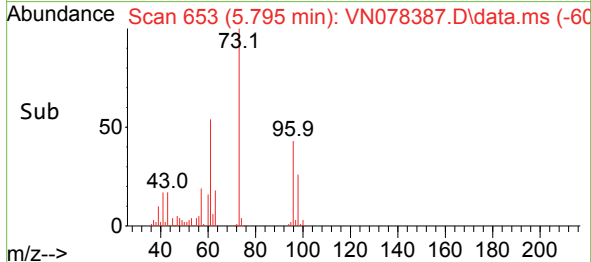
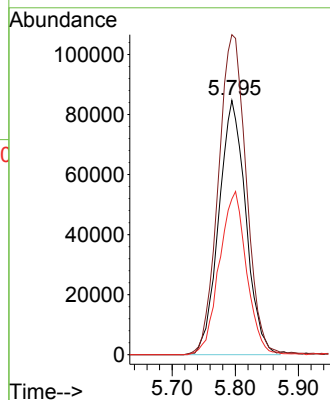
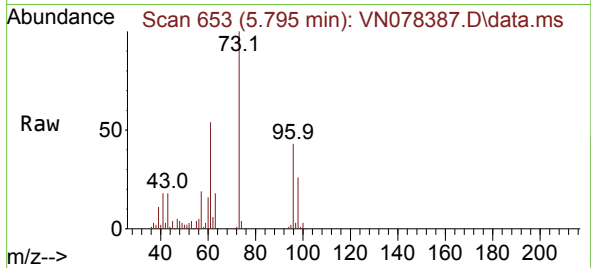




#21
trans-1,2-Dichloroethene
Concen: 51.000 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

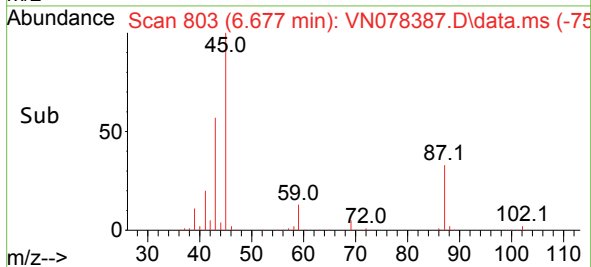
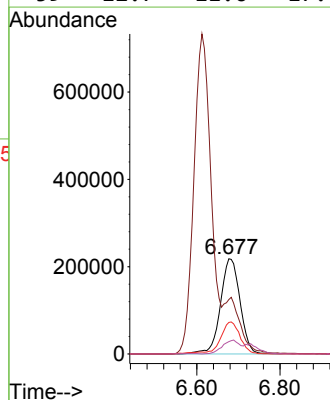
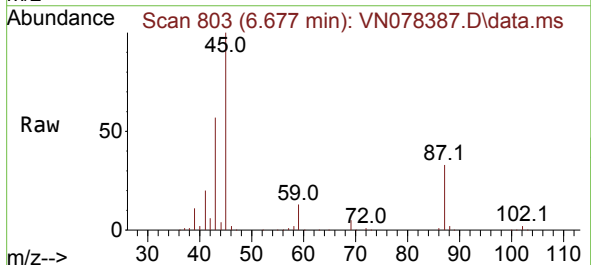
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 251319
Ion Ratio Lower Upper
96 100
61 125.9 90.1 135.1
98 61.2 46.4 69.6



#22
Diisopropyl ether
Concen: 54.469 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 45 Resp: 714587
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 33.1 31.8 47.8
59 12.7 11.6 17.4

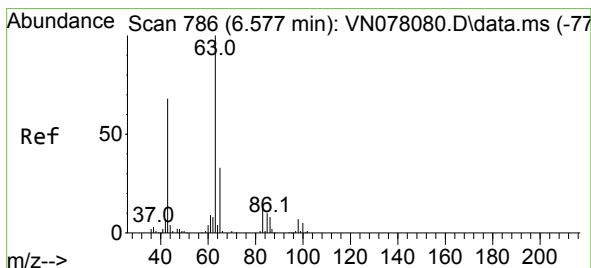
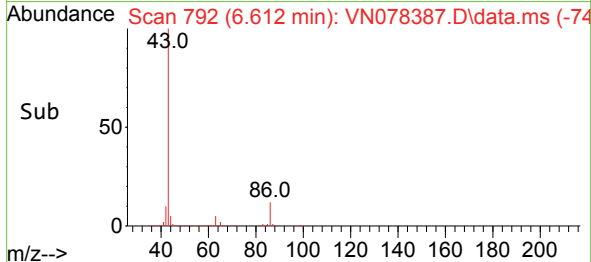
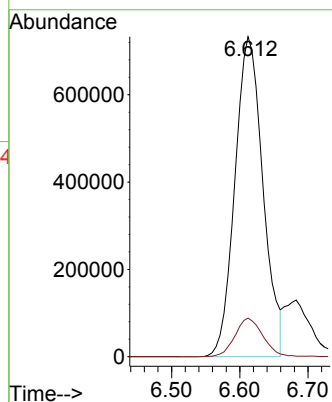
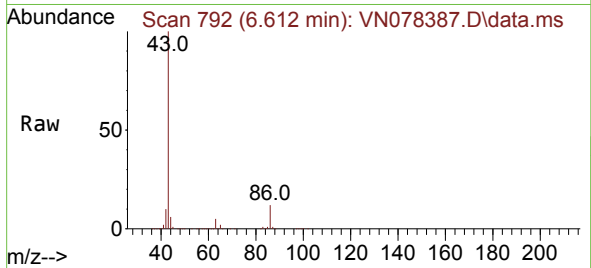




#23
 Vinyl Acetate
 Concen: 268.706 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

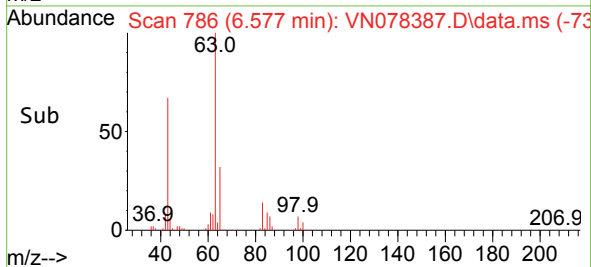
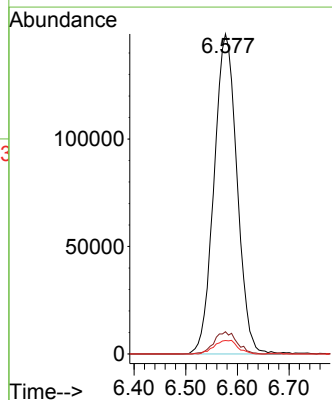
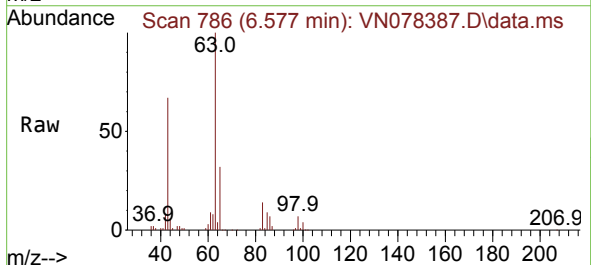
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

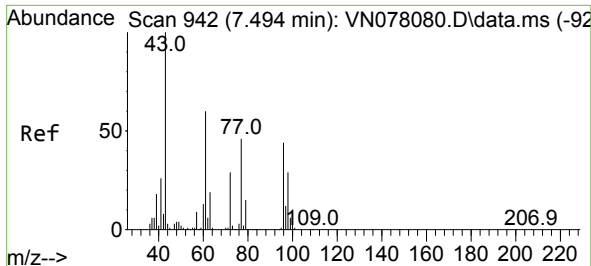
Tgt Ion: 43 Resp: 2095503
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.040 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

Tgt Ion: 63 Resp: 459027
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.2 2.5 7.4

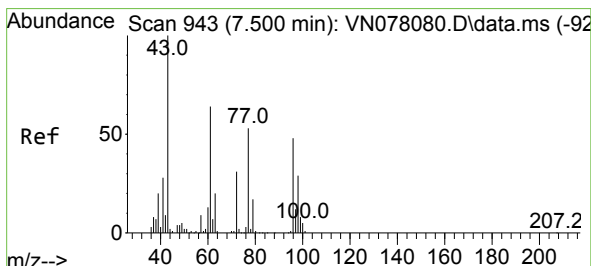
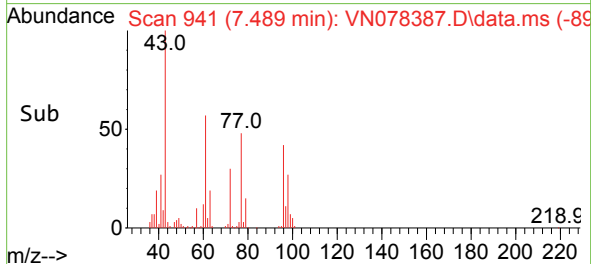
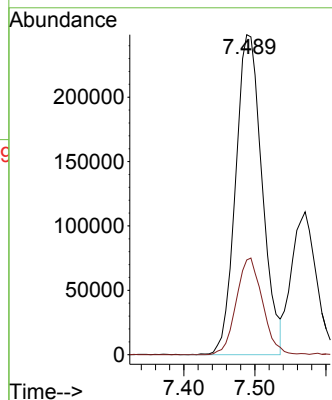
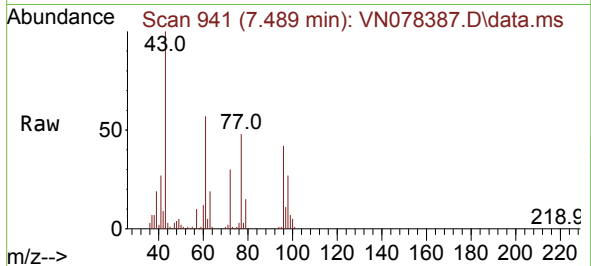




#25
2-Butanone
Concen: 261.666 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

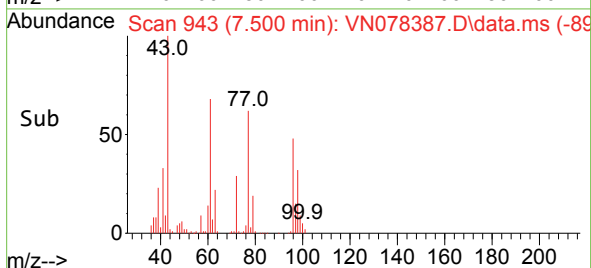
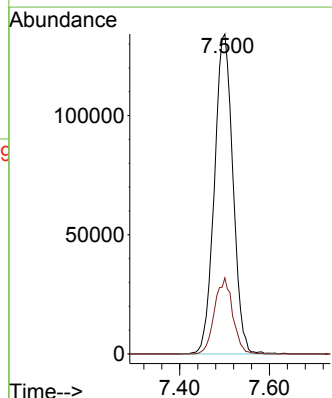
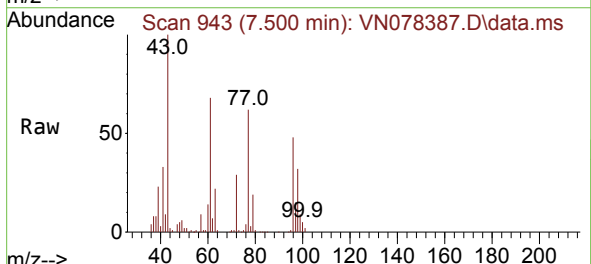
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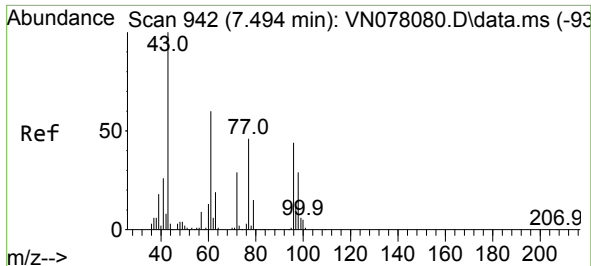
Tgt Ion: 43 Resp: 646111
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 60.359 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 77 Resp: 385698
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6

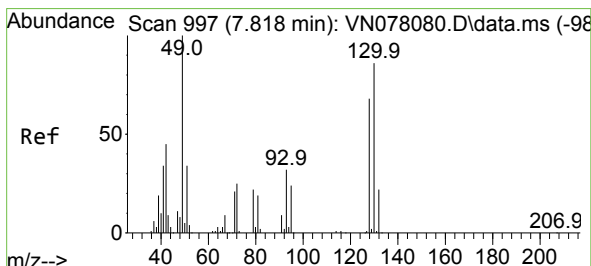
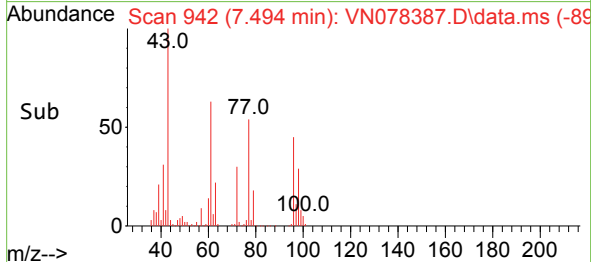
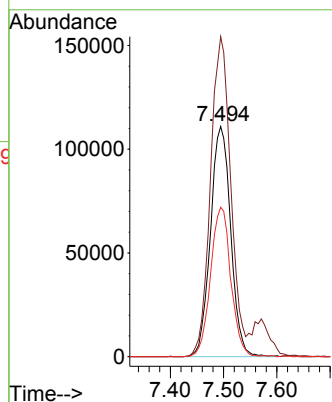
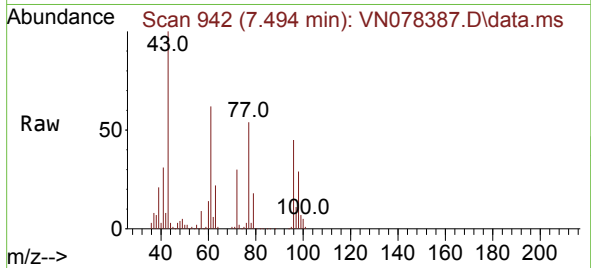




#27
cis-1,2-Dichloroethene
Concen: 49.910 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

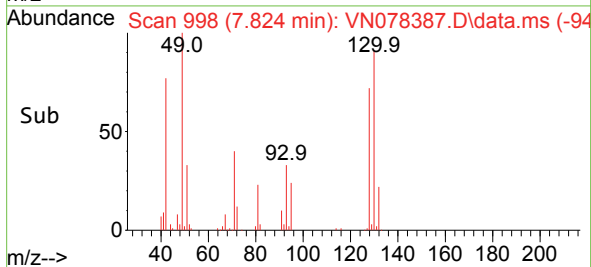
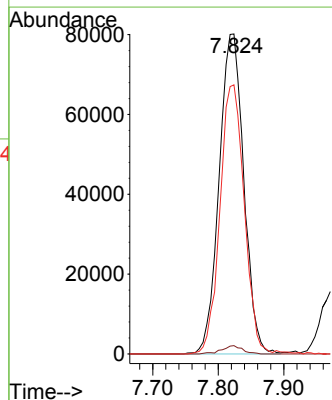
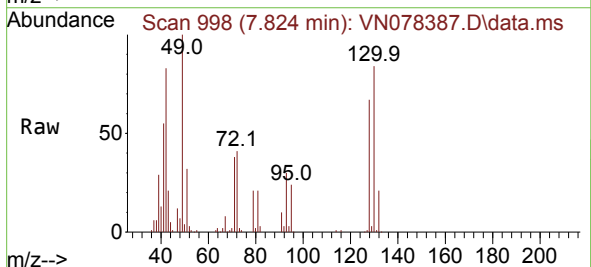
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

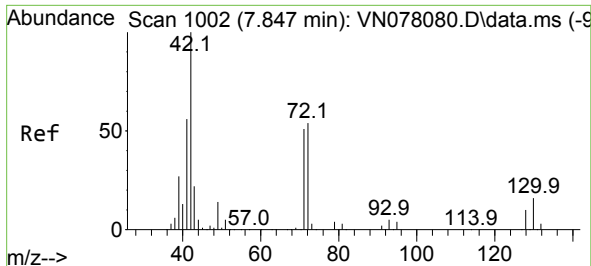
Tgt Ion: 96 Resp: 293370
Ion Ratio Lower Upper
96 100
61 138.7 0.0 255.2
98 64.9 0.0 128.8



#28
Bromochloromethane
Concen: 52.688 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 49 Resp: 209360
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 82.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 258.864 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

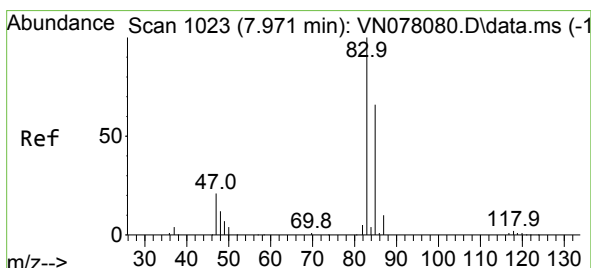
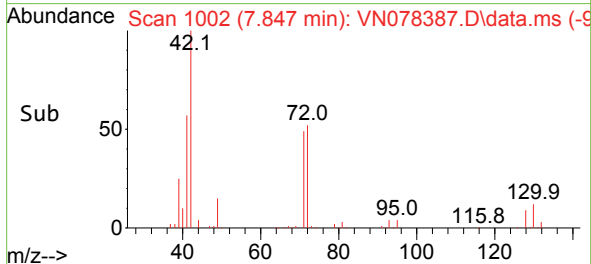
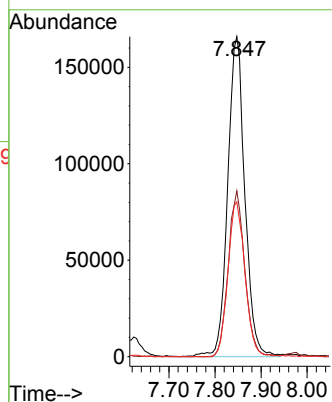
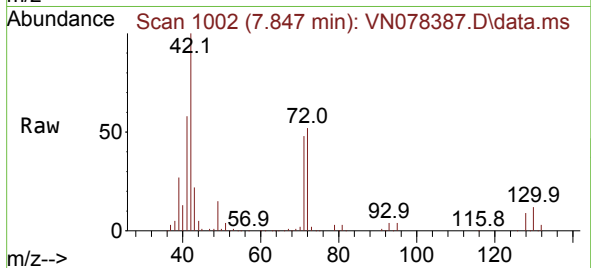
Tgt Ion: 42 Resp: 427305

Ion Ratio Lower Upper

42 100

72 50.3 49.8 74.6

71 48.3 47.4 71.2



#30

Chloroform

Concen: 53.943 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078387.D

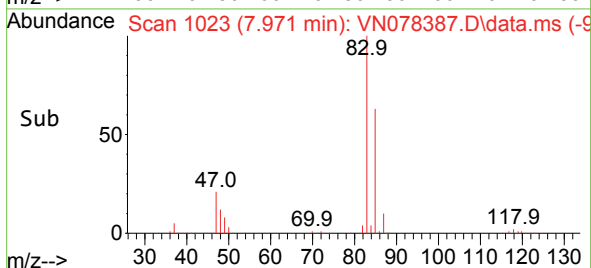
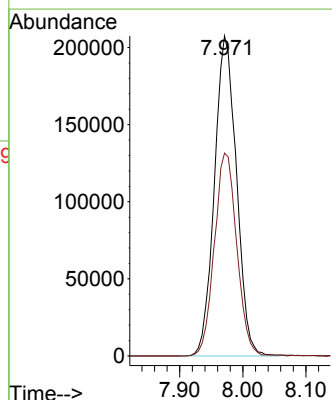
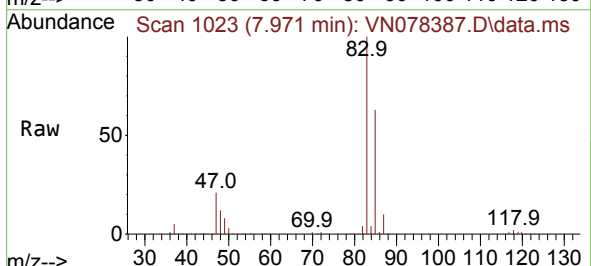
Acq: 24 Jun 2023 11:38

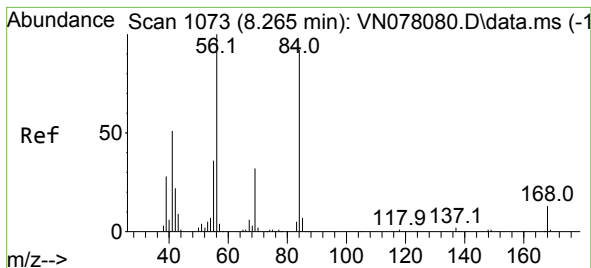
Tgt Ion: 83 Resp: 502698

Ion Ratio Lower Upper

83 100

85 63.4 55.4 83.0





#31

Cyclohexane

Concen: 47.960 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

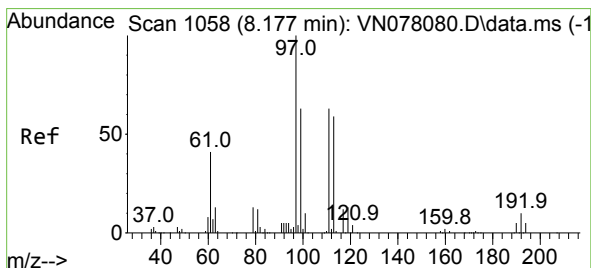
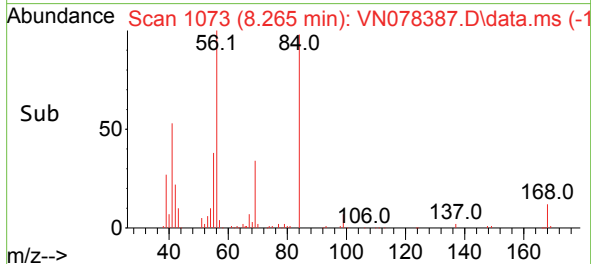
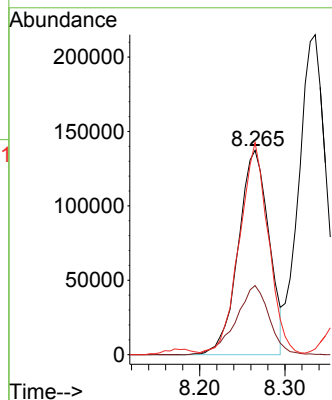
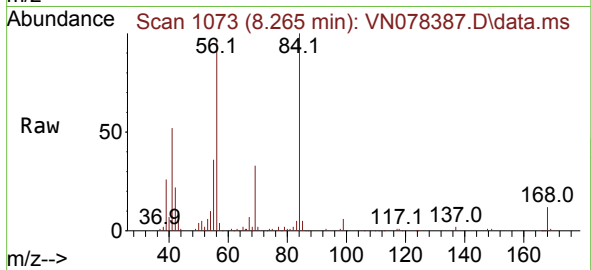
Tgt Ion: 56 Resp: 343198

Ion Ratio Lower Upper

56 100

69 33.8 26.8 40.2

84 101.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 54.504 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

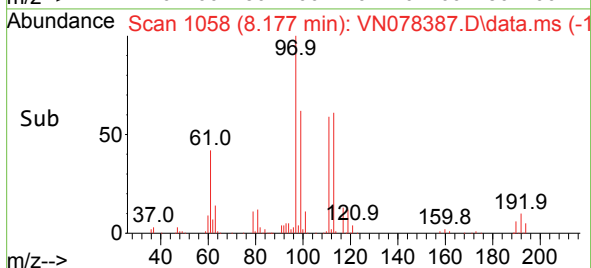
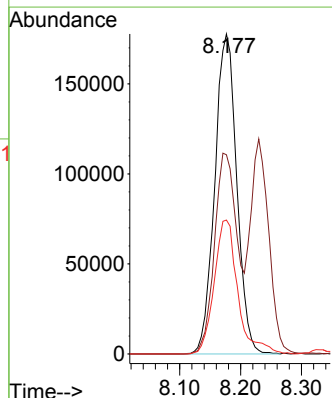
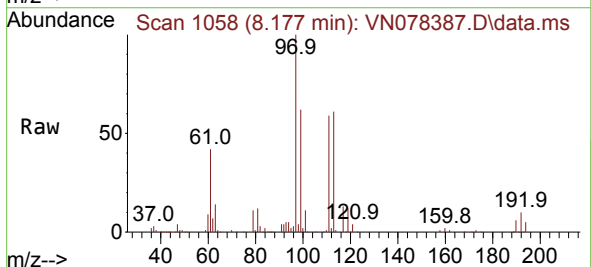
Tgt Ion: 97 Resp: 445926

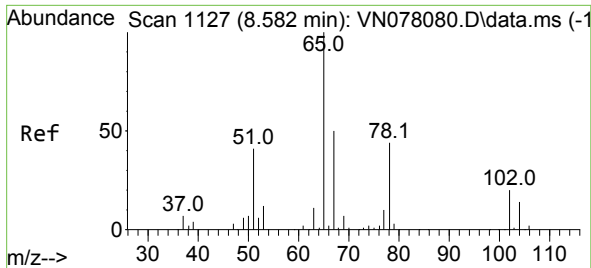
Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

61 45.0 34.7 52.1

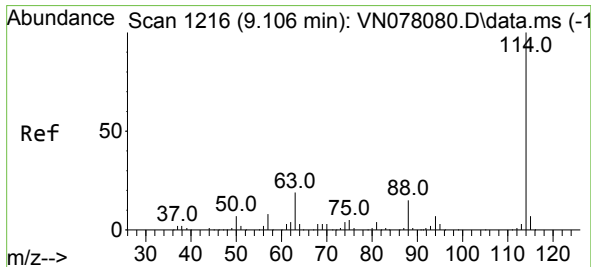
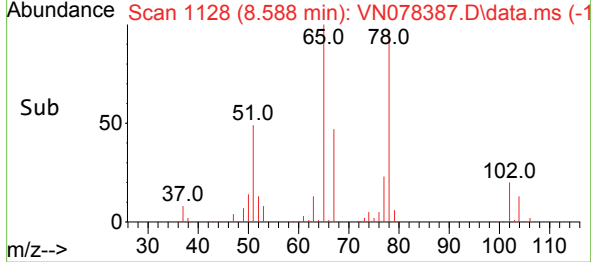
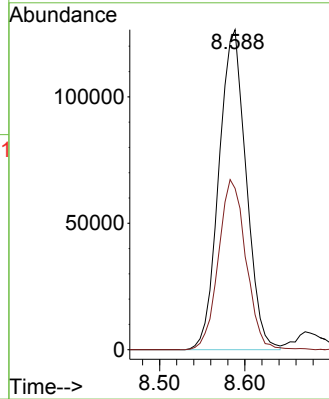
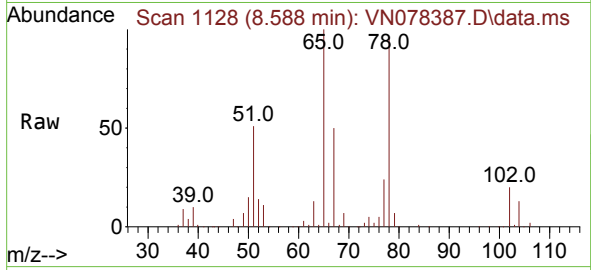




#33
1,2-Dichloroethane-d4
Concen: 50.406 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

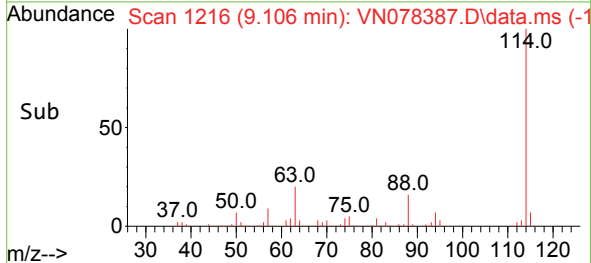
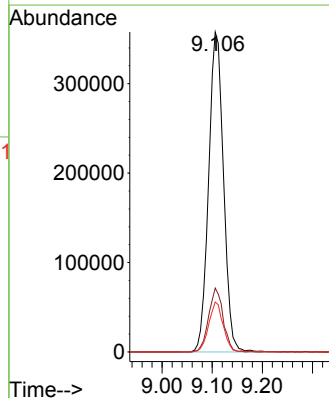
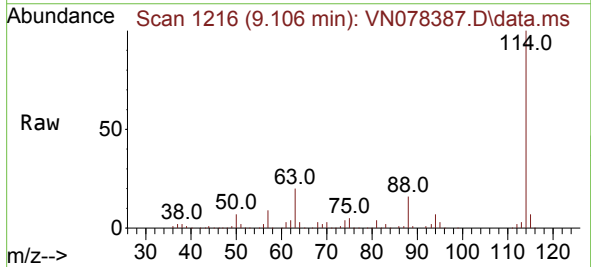
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

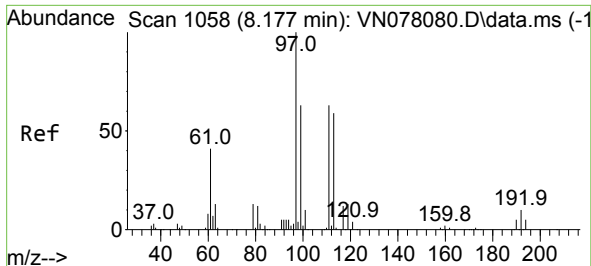
Tgt Ion: 65 Resp: 281192
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 114 Resp: 738032
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.190 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

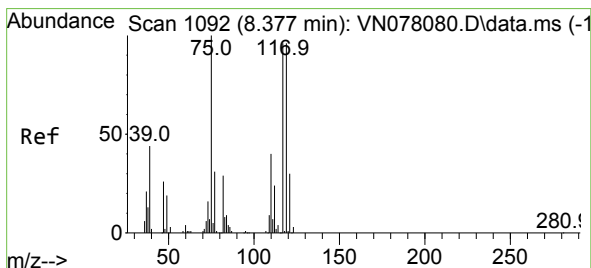
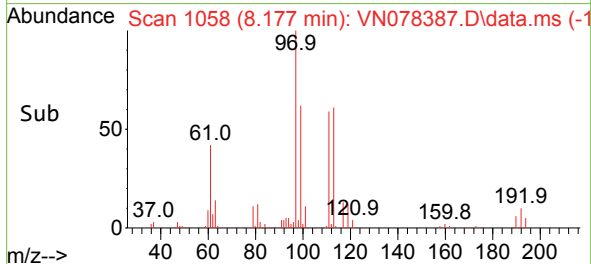
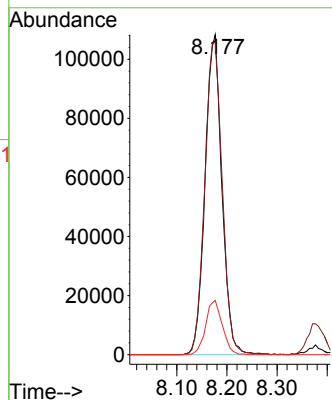
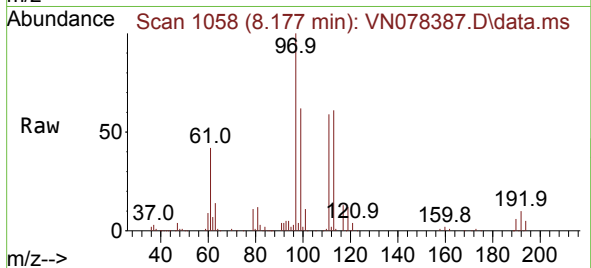
Tgt Ion:113 Resp: 252876

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 55.153 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

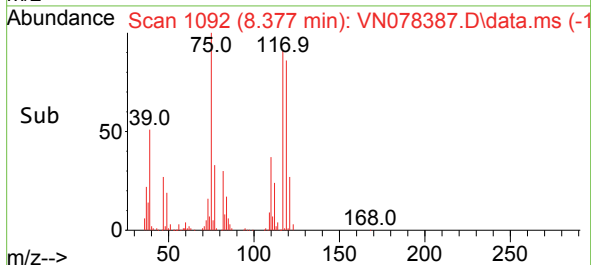
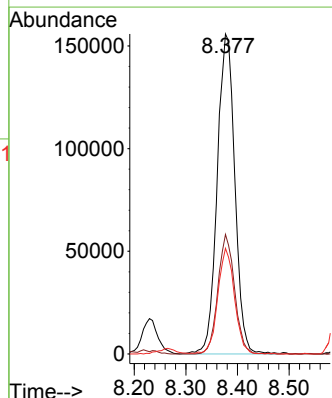
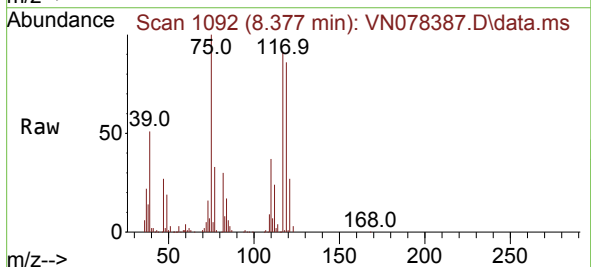
Tgt Ion: 75 Resp: 369168

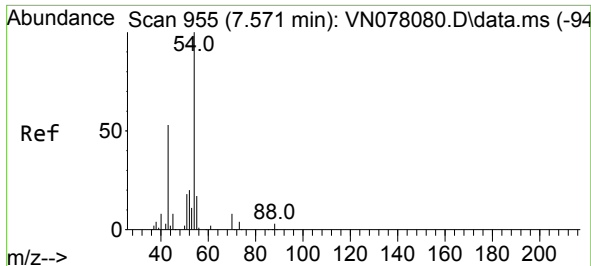
Ion Ratio Lower Upper

75 100

110 35.3 19.1 57.3

77 31.3 25.0 37.4

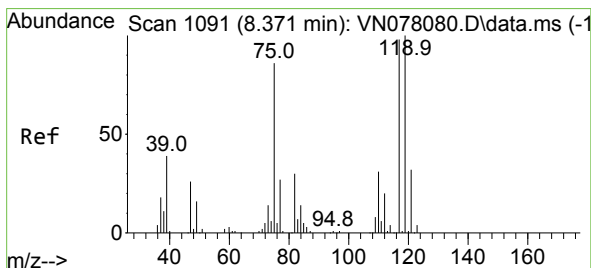
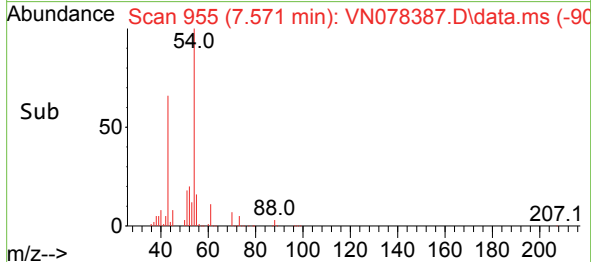
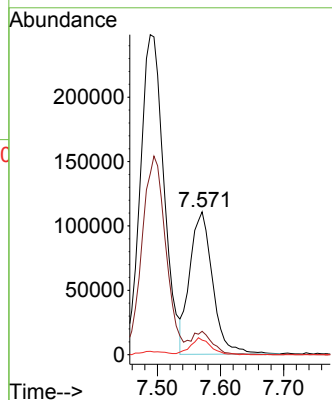
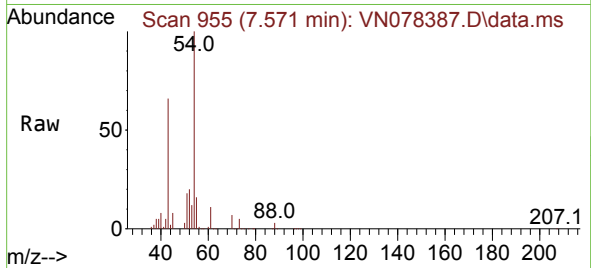




#37
Ethyl Acetate
Concen: 53.107 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

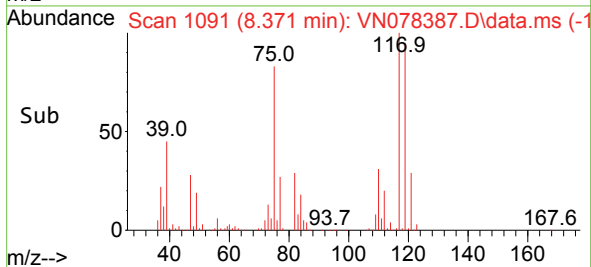
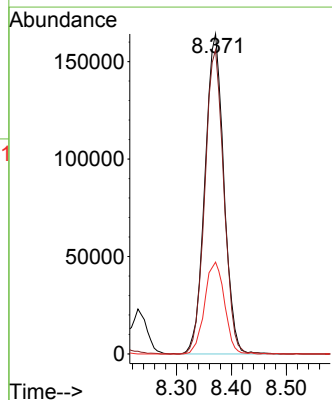
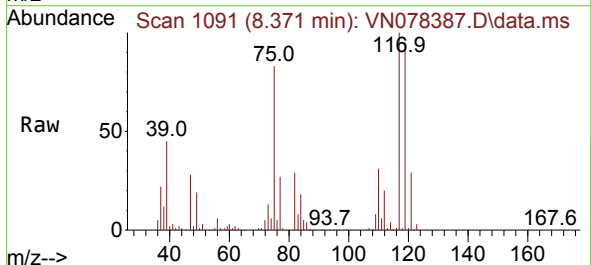
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

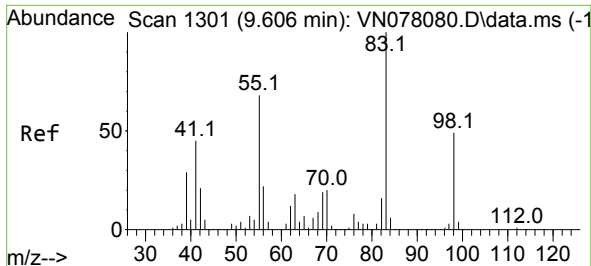
Tgt Ion: 43 Resp: 277697
Ion Ratio Lower Upper
43 100
61 13.2 13.2 19.8#
70 10.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 55.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 117 Resp: 393456
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 45.592 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

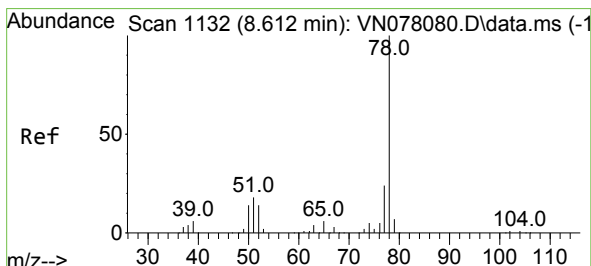
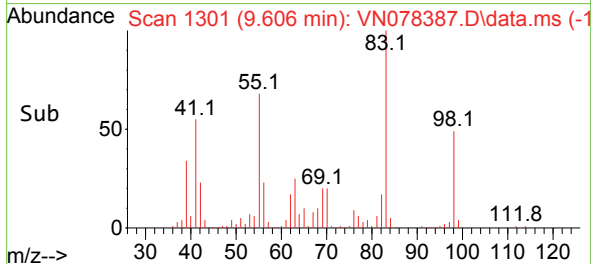
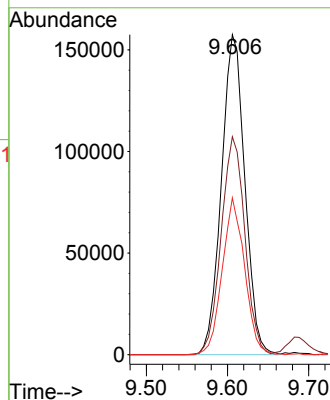
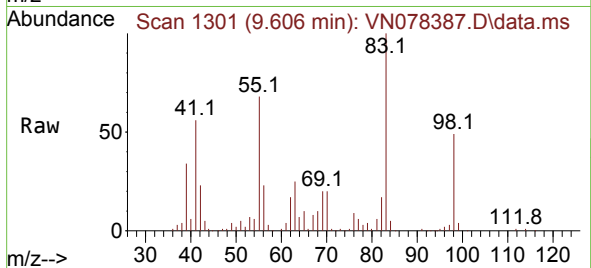
Tgt Ion: 83 Resp: 316257

Ion Ratio Lower Upper

83 100

55 68.1 49.1 73.7

98 49.0 40.6 61.0



#40

Benzene

Concen: 54.889 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078387.D

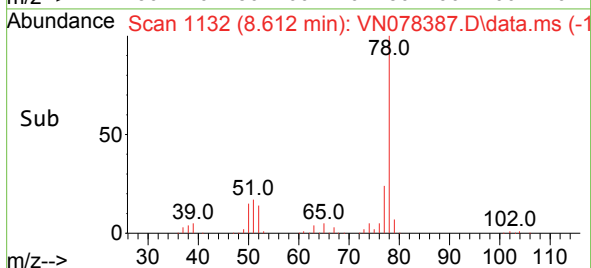
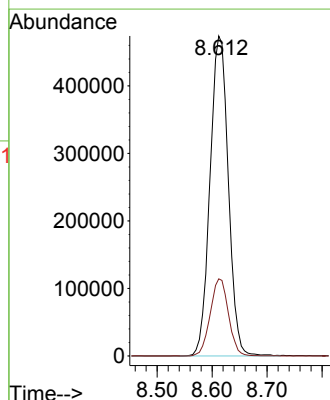
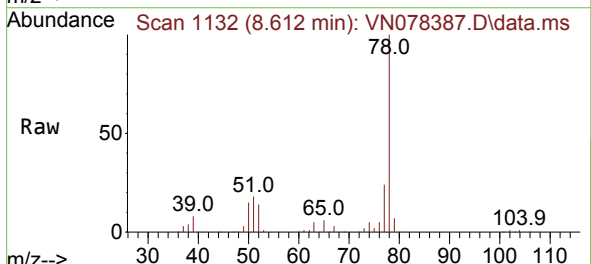
Acq: 24 Jun 2023 11:38

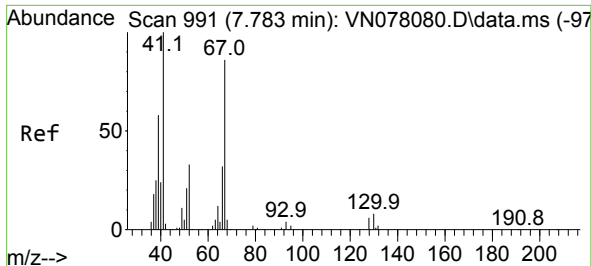
Tgt Ion: 78 Resp: 1096850

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

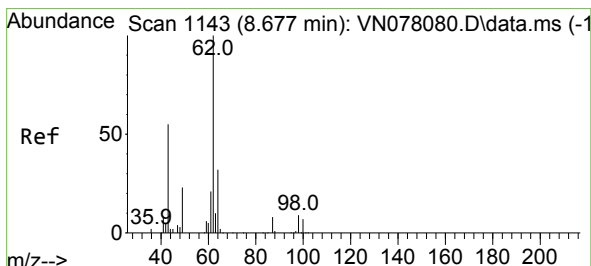
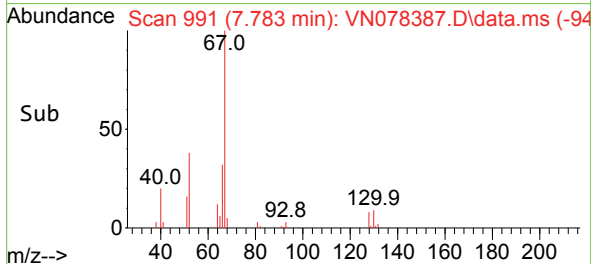
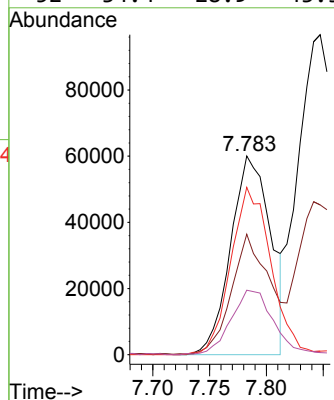
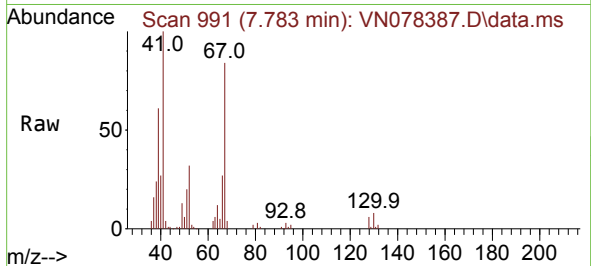




#41
Methacrylonitrile
Concen: 51.936 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

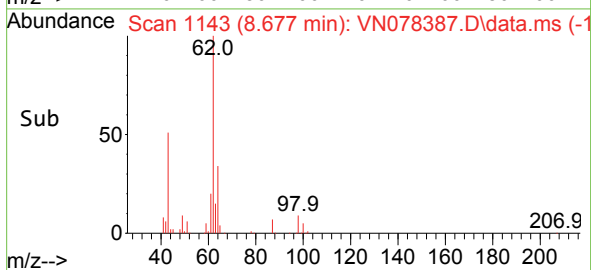
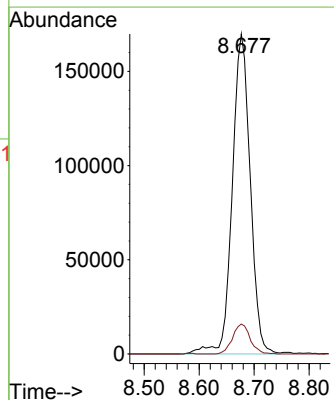
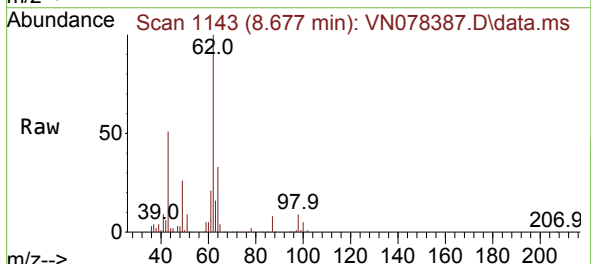
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

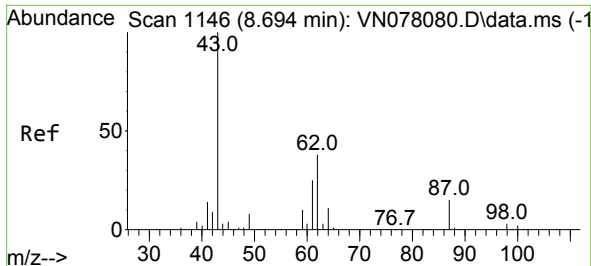
Tgt Ion:	41	Resp:	147201
Ion	Ratio	Lower	Upper
41	100		
39	59.8	42.6	64.0
67	85.5	77.5	116.3
52	34.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 56.197 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:	62	Resp:	385035
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

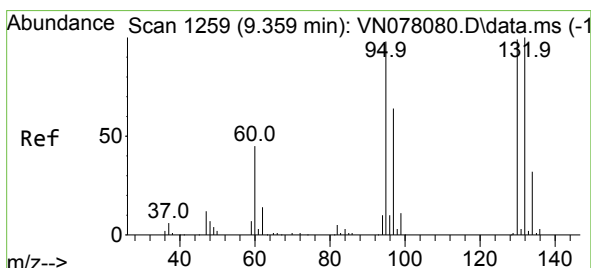
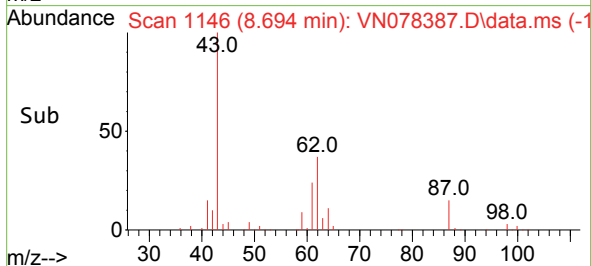
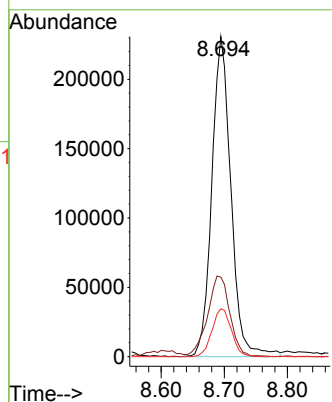
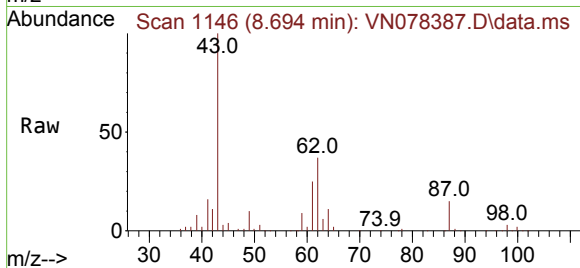




#43
Isopropyl Acetate
Concen: 48.553 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

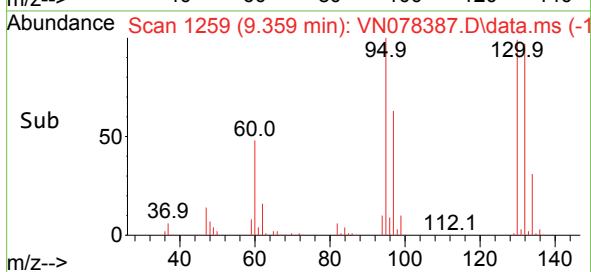
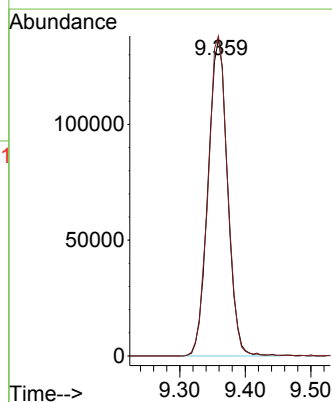
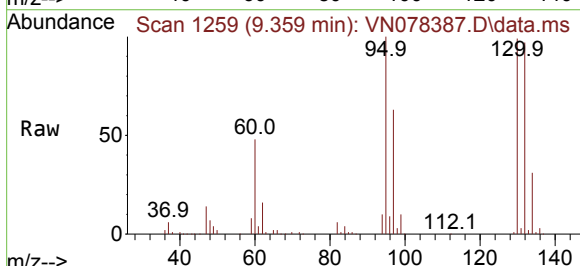
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

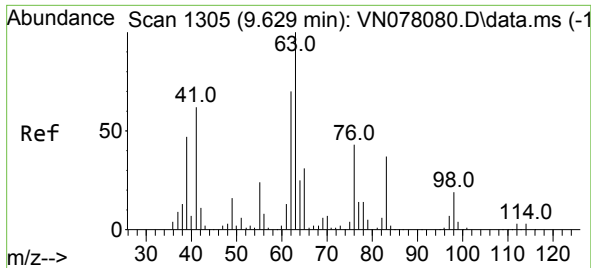
Tgt Ion: 43 Resp: 485537
Ion Ratio Lower Upper
43 100
61 29.4 24.7 37.1
87 15.1 14.6 21.8



#44
Trichloroethene
Concen: 53.482 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:130 Resp: 282240
Ion Ratio Lower Upper
130 100
95 100.9 0.0 204.6

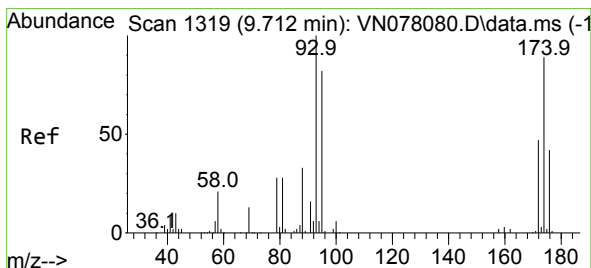
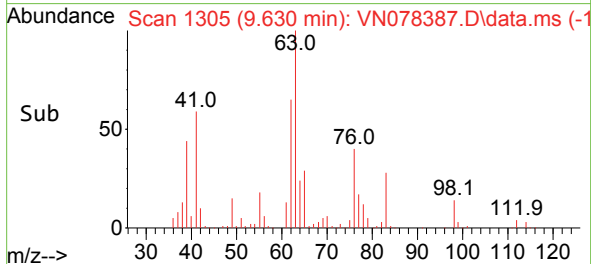
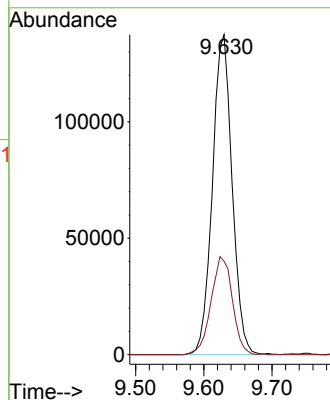
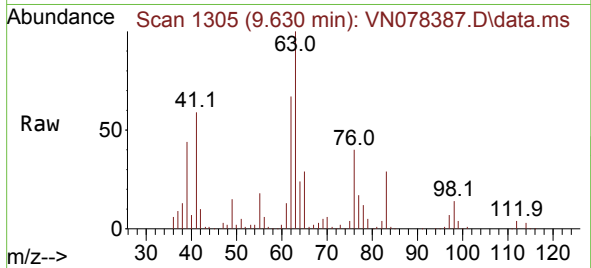




#45
1,2-Dichloropropane
Concen: 55.593 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

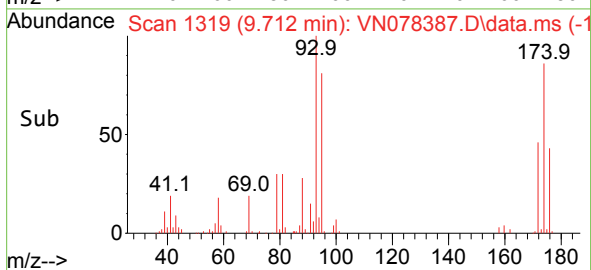
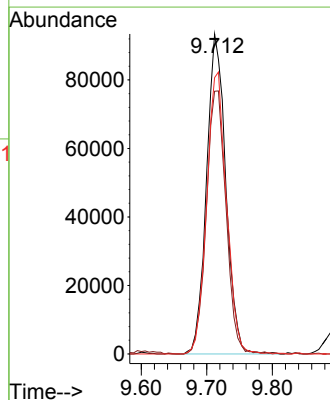
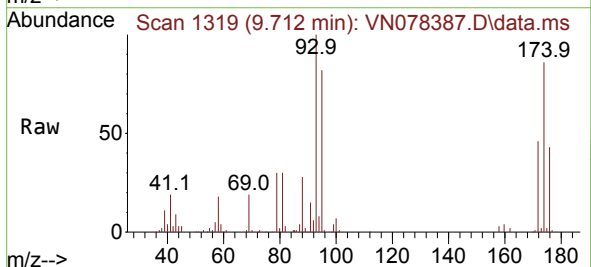
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

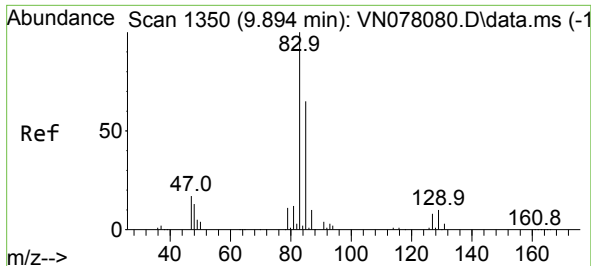
Tgt Ion: 63 Resp: 276396
Ion Ratio Lower Upper
63 100
65 29.2 23.9 35.9



#46
Dibromomethane
Concen: 52.142 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 93 Resp: 190947
Ion Ratio Lower Upper
93 100
95 84.3 63.8 95.8
174 90.4 65.6 98.4

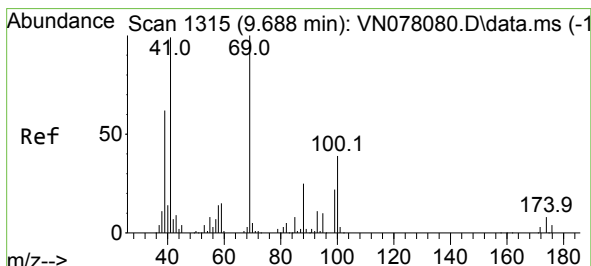
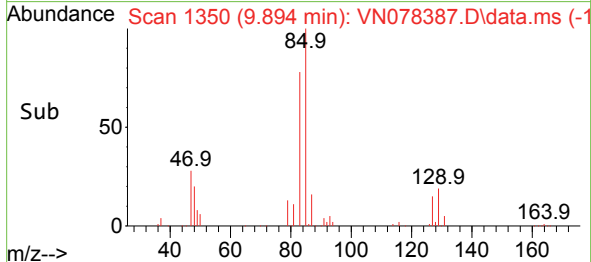
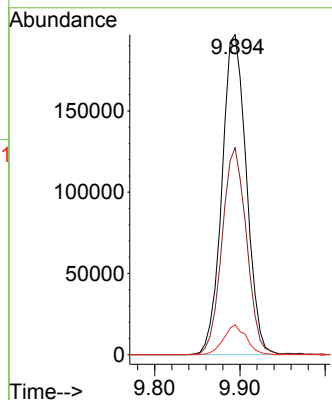
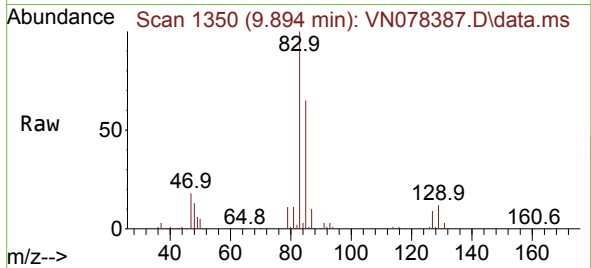




#47
Bromodichloromethane
Concen: 57.598 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

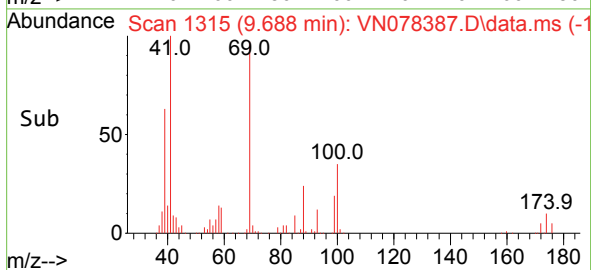
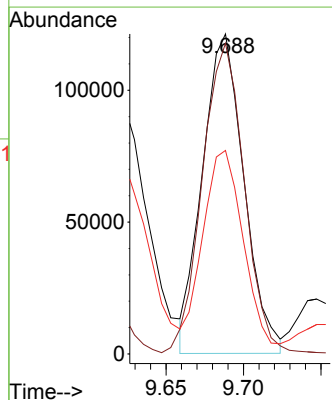
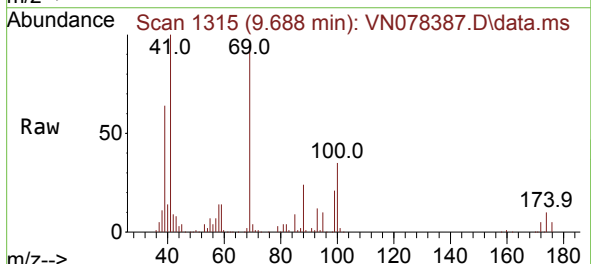
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

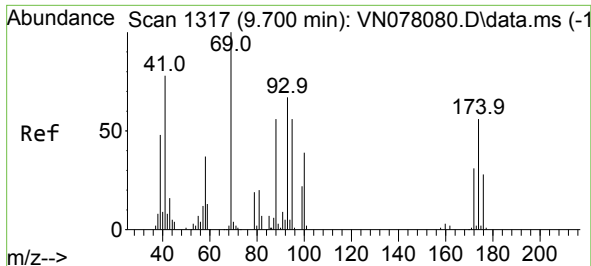
Tgt Ion: 83 Resp: 391800
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 53.703 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 41 Resp: 225370
Ion Ratio Lower Upper
41 100
69 98.1 90.4 135.6
39 63.0 54.6 81.8





#49

1,4-Dioxane

Concen: 962.587 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

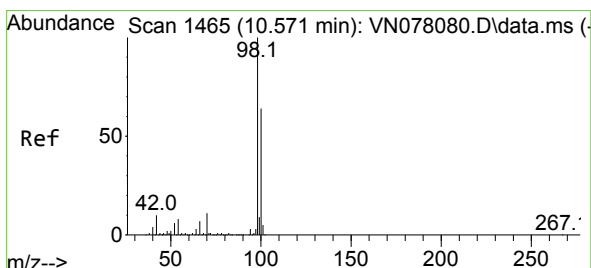
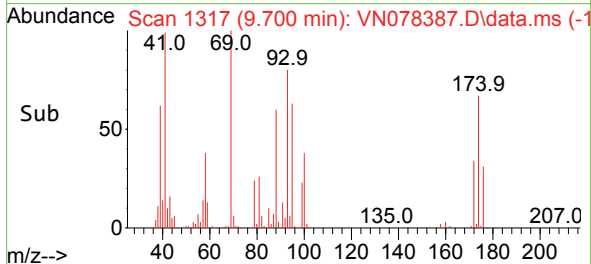
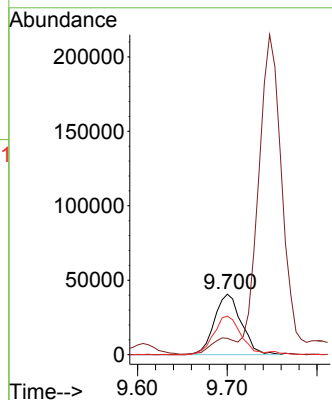
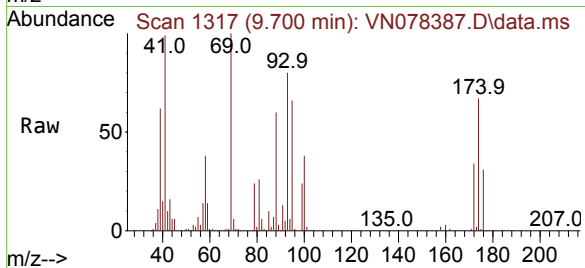
Tgt Ion: 88 Resp: 84904

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

58 63.9 47.0 70.4



#50

Toluene-d8

Concen: 50.928 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078387.D

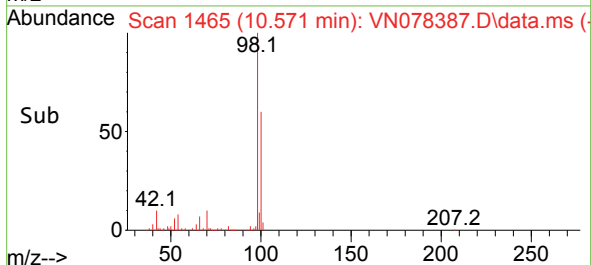
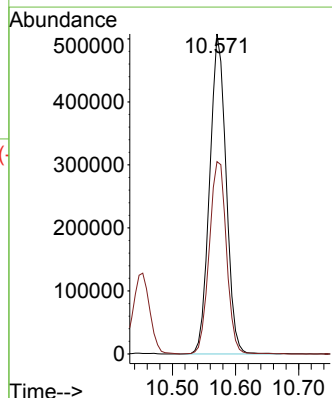
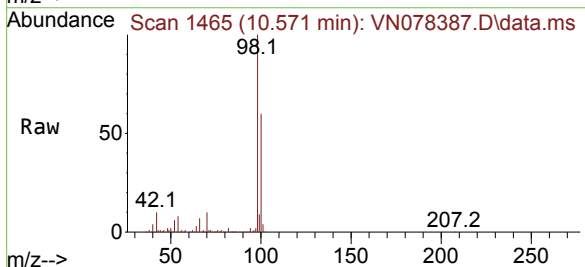
Acq: 24 Jun 2023 11:38

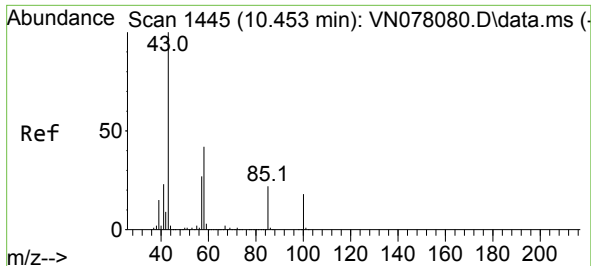
Tgt Ion: 98 Resp: 916183

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

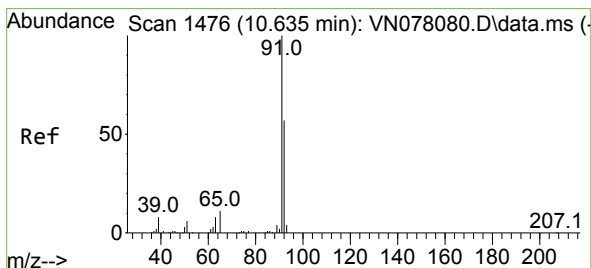
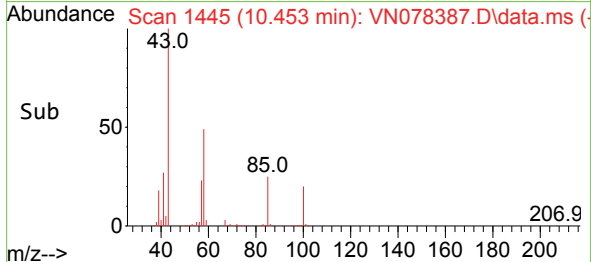
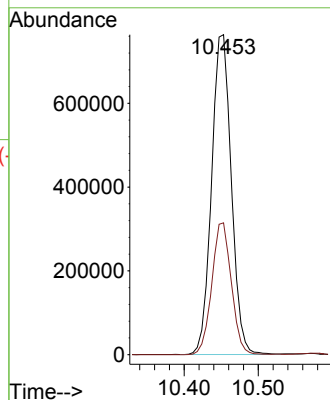
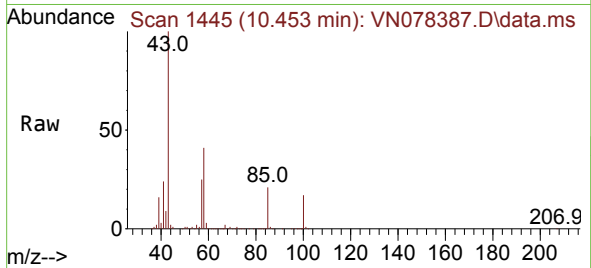




#51
4-Methyl-2-Pentanone
Concen: 268.490 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

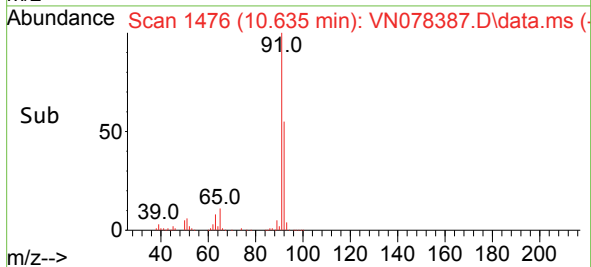
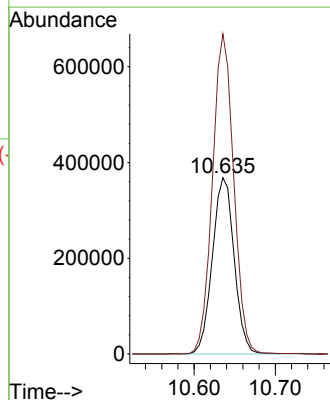
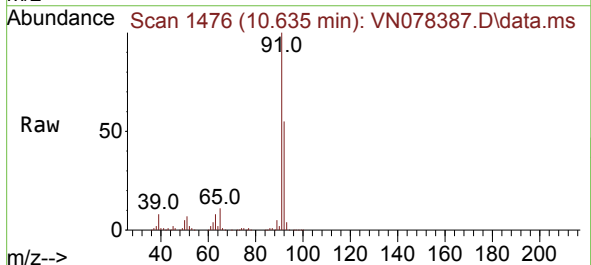
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

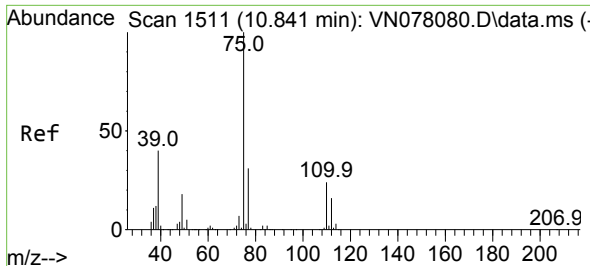
Tgt Ion: 43 Resp: 1413866
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8



#52
Toluene
Concen: 54.271 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 92 Resp: 684726
Ion Ratio Lower Upper
92 100
91 177.8 137.4 206.0

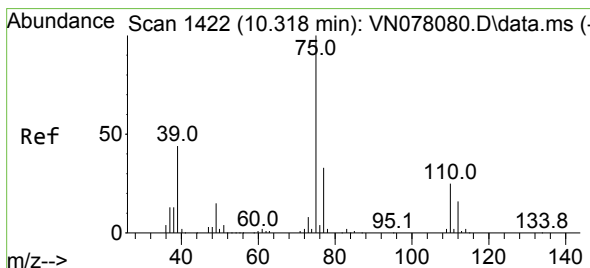
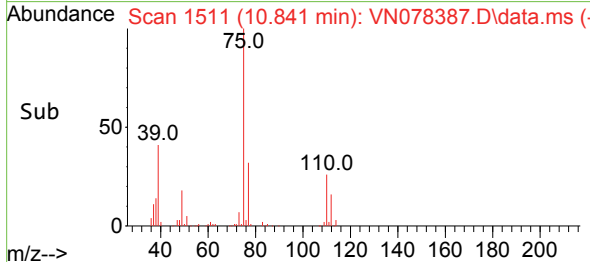
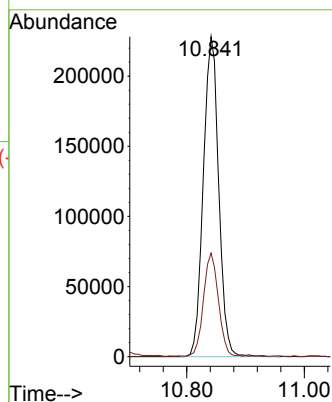
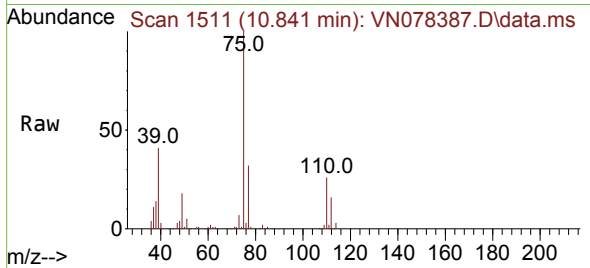




#53
t-1,3-Dichloropropene
Concen: 58.323 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

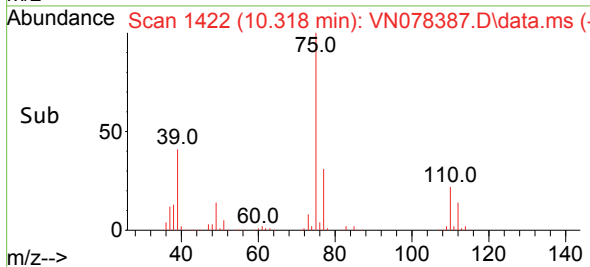
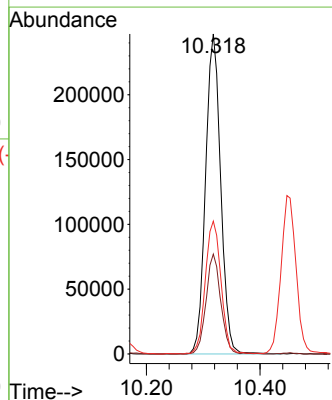
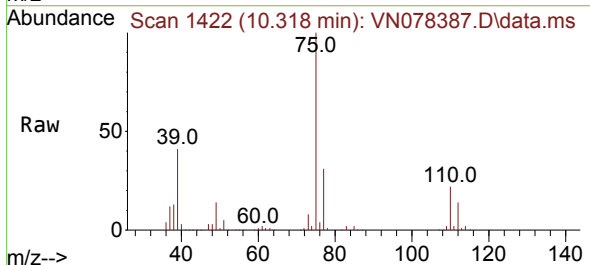
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

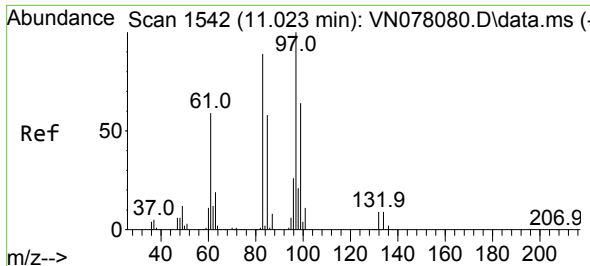
Tgt Ion: 75 Resp: 413181
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.944 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 75 Resp: 453766
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 41.4 31.6 47.4

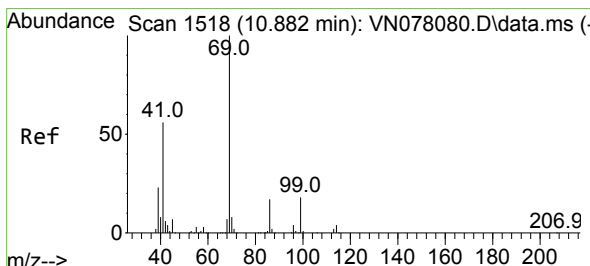
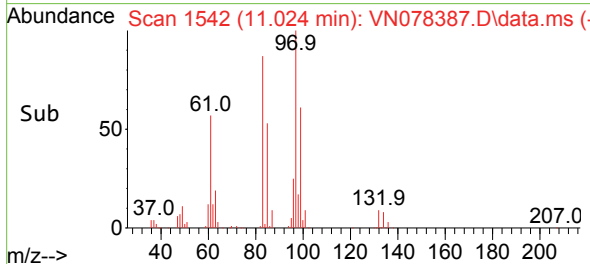
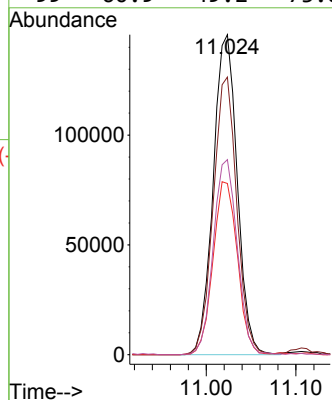
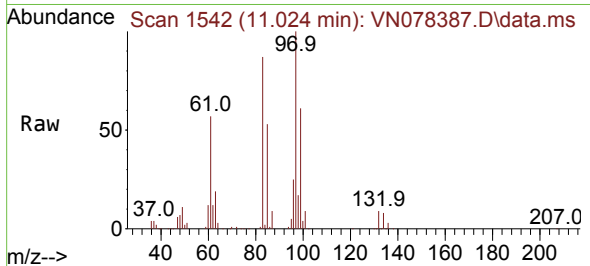




#55
1,1,2-Trichloroethane
Concen: 56.721 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

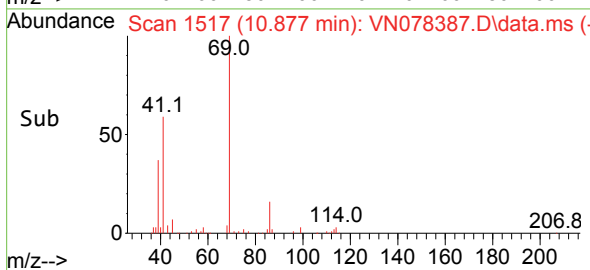
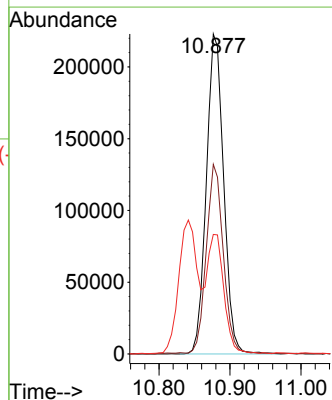
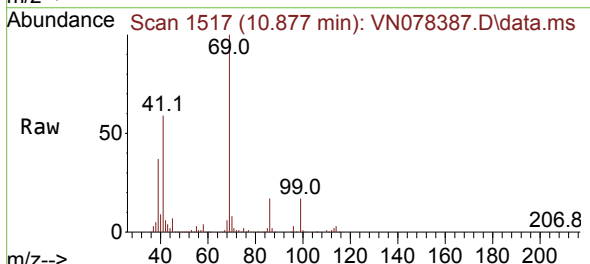
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

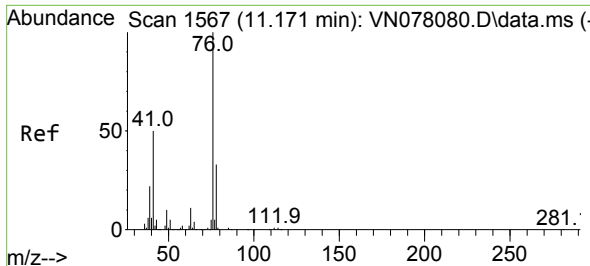
Tgt Ion:	97	Resp:	270715
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.1	97.7
85	53.5	43.4	65.2
99	60.9	49.2	73.8



#56
Ethyl methacrylate
Concen: 54.364 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:	69	Resp:	377801
Ion	Ratio	Lower	Upper
69	100		
41	59.2	39.6	59.4
39	37.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 55.290 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

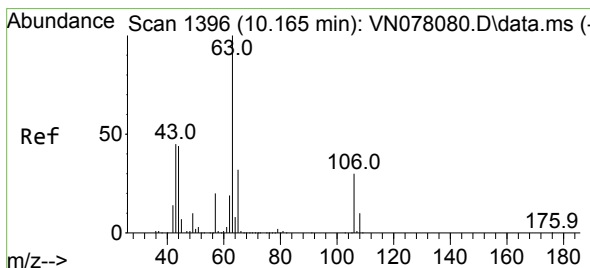
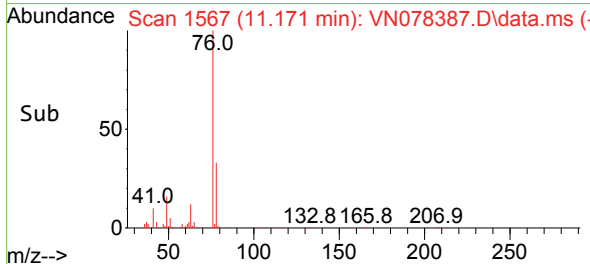
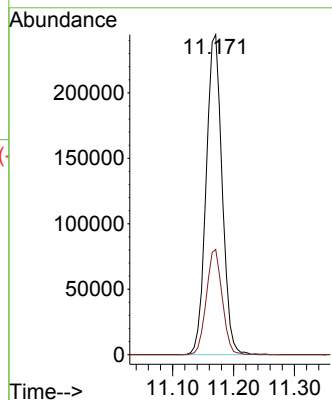
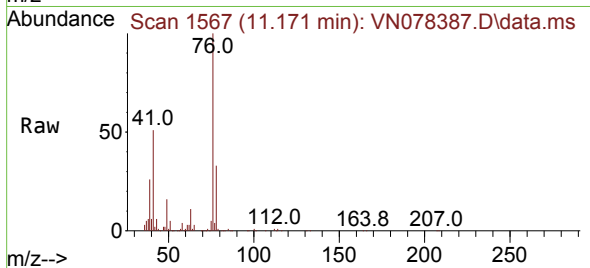
VSTDCCC050

Tgt Ion: 76 Resp: 445429

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 268.842 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078387.D

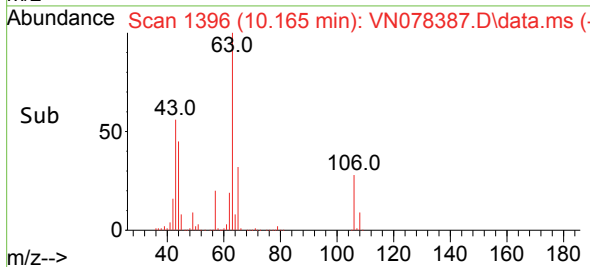
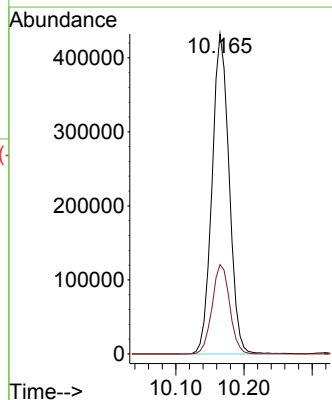
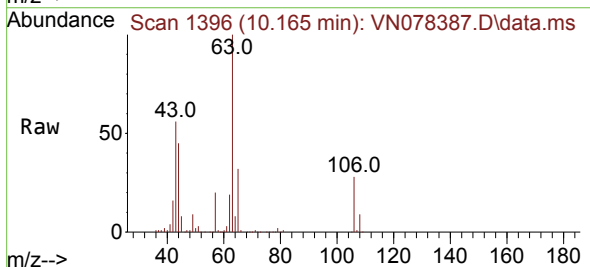
Acq: 24 Jun 2023 11:38

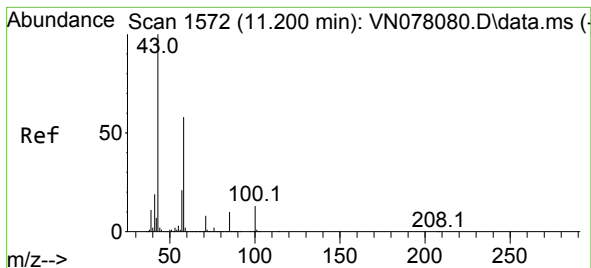
Tgt Ion: 63 Resp: 754744

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4

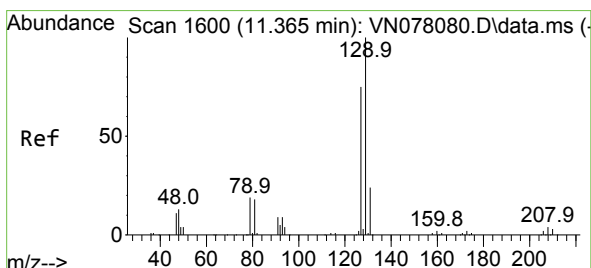
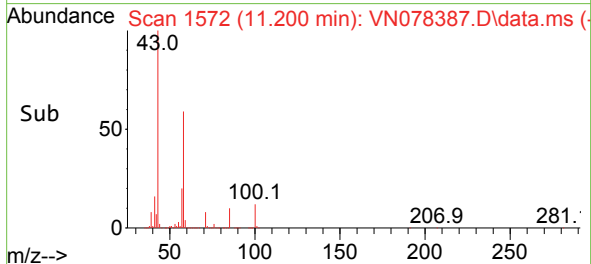
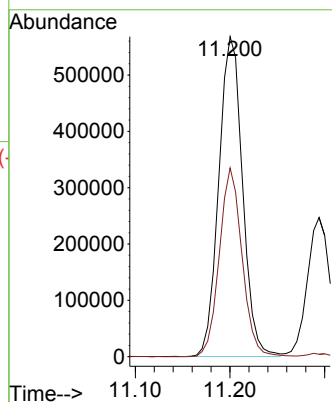
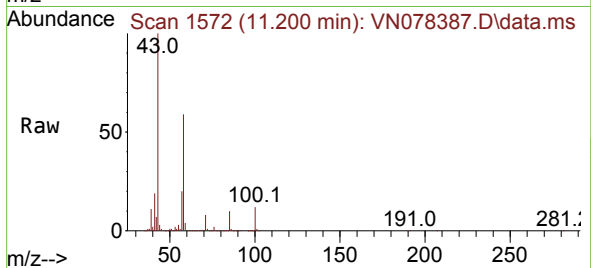




#59
2-Hexanone
Concen: 269.750 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

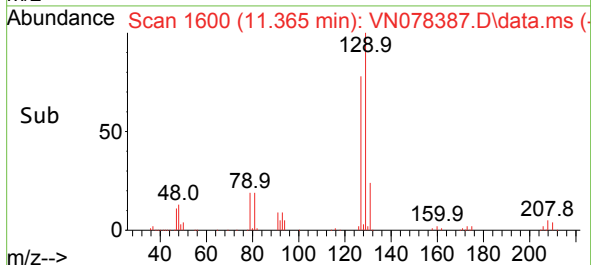
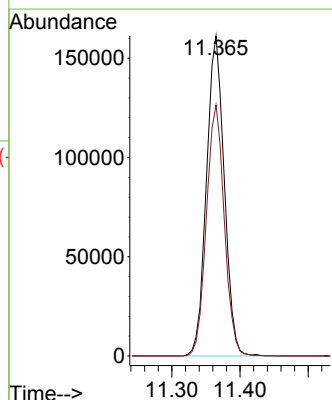
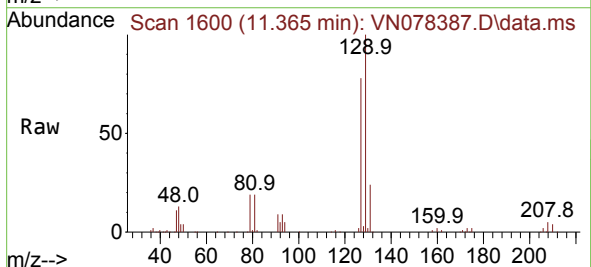
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

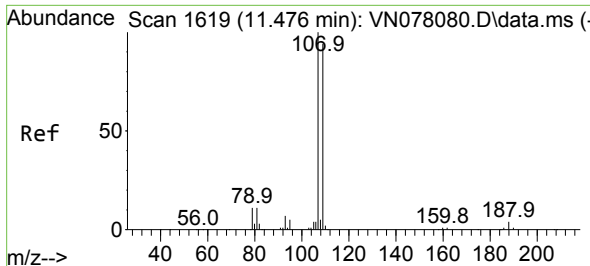
Tgt Ion: 43 Resp: 989082
Ion Ratio Lower Upper
43 100
58 56.6 31.7 95.1



#60
Dibromochloromethane
Concen: 55.979 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 129 Resp: 292359
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0

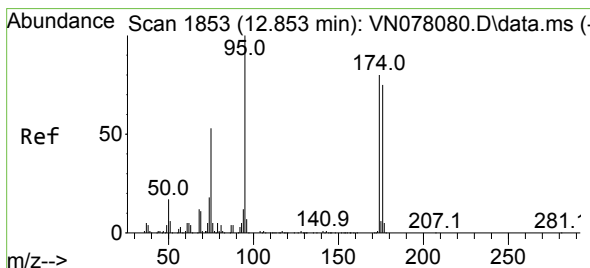
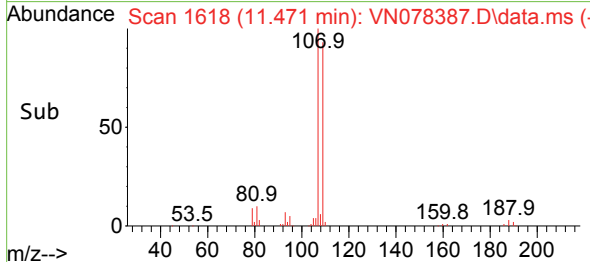
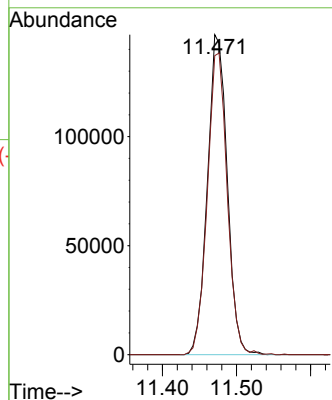
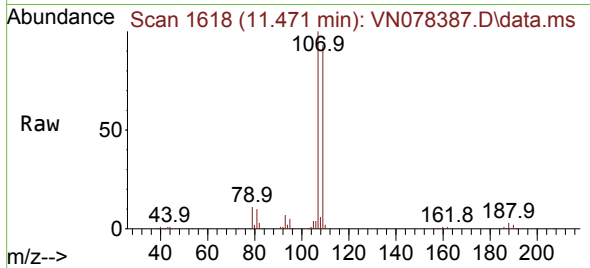




#61
1,2-Dibromoethane
Concen: 54.371 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

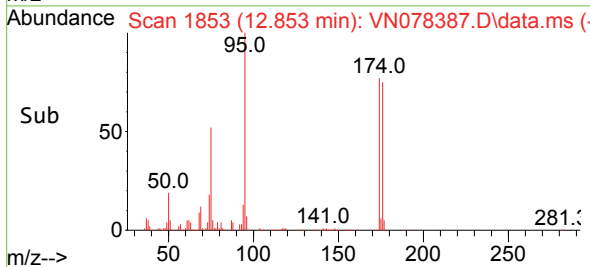
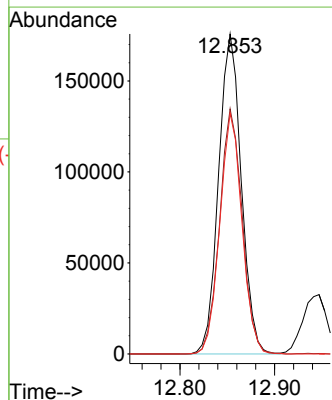
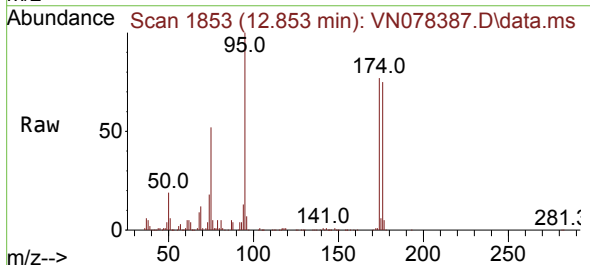
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

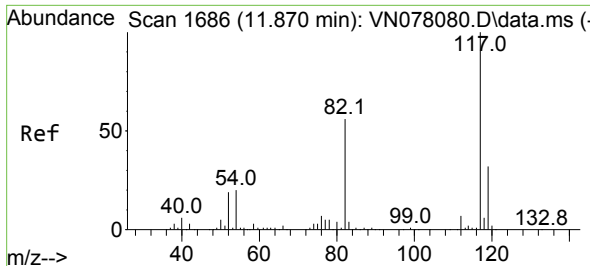
Tgt Ion:107 Resp: 272328
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.344 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 95 Resp: 292738
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 73.5 0.0 135.8

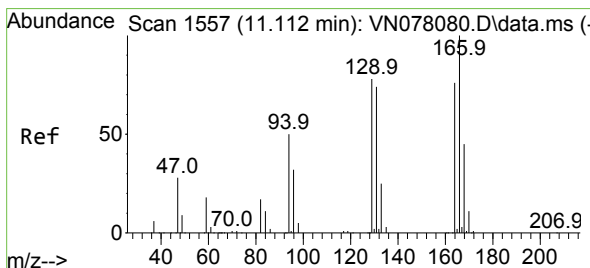
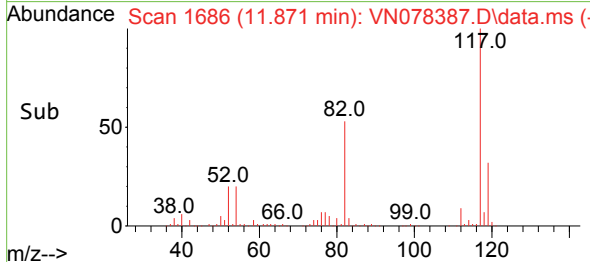
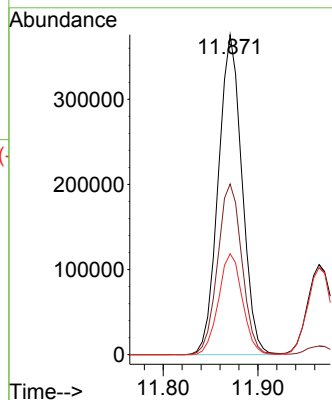
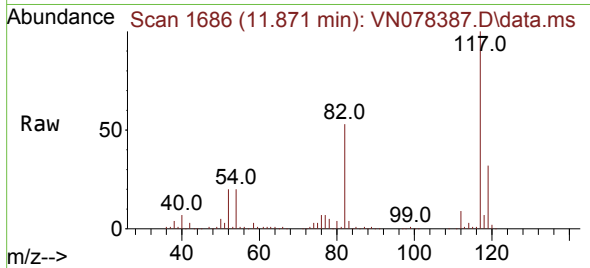




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

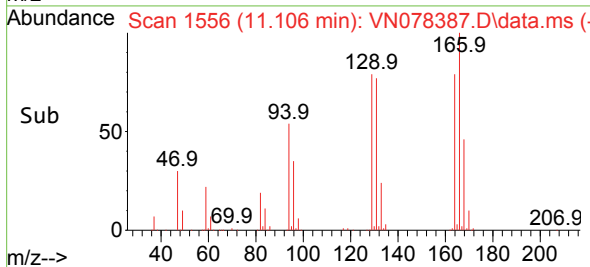
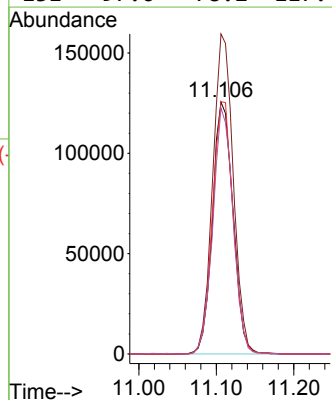
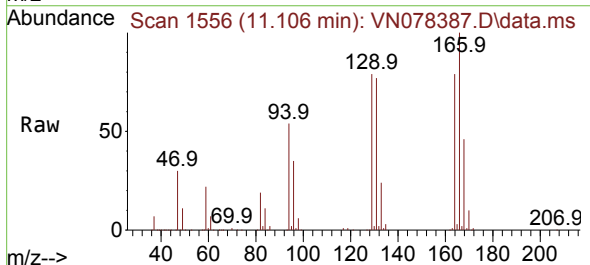
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

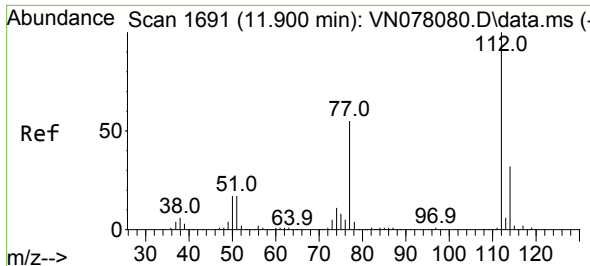
Tgt Ion:117 Resp: 654427
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 53.039 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:164 Resp: 231564
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 100.2 82.4 123.6
131 97.6 78.2 117.4

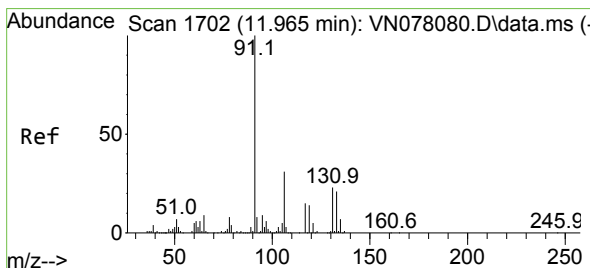
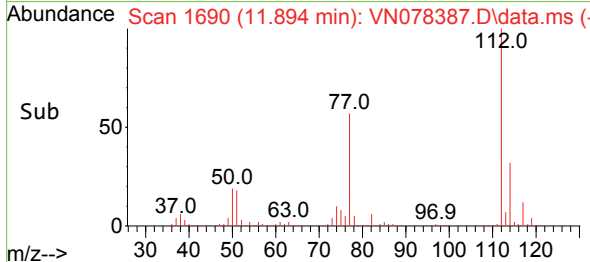
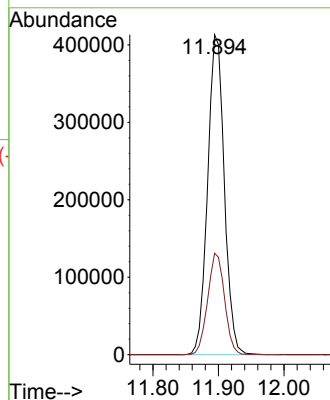
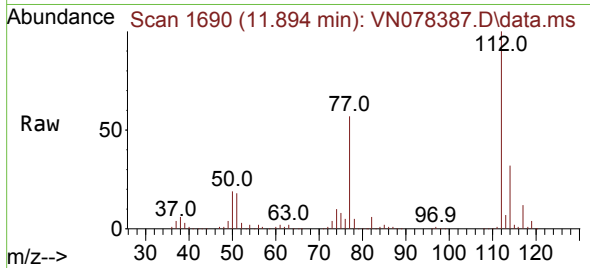




#65
Chlorobenzene
Concen: 52.116 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

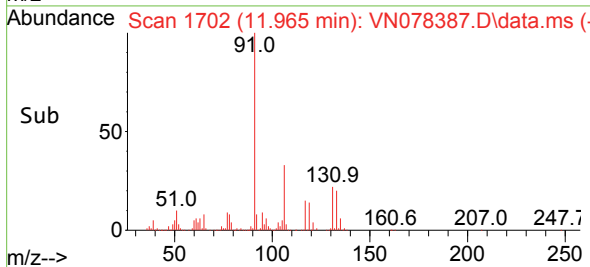
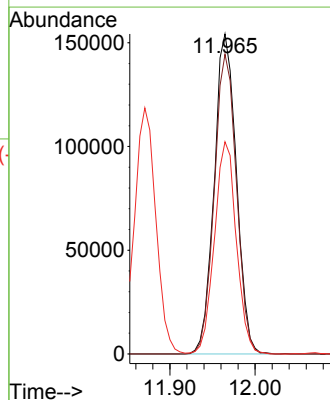
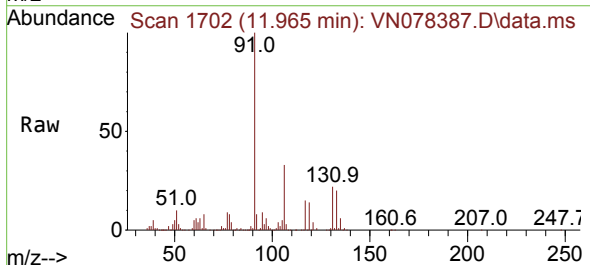
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

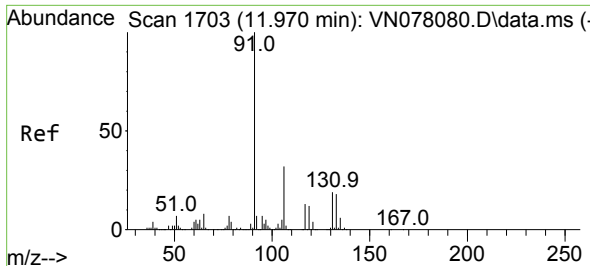
Tgt Ion:112 Resp: 730398
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.162 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:131 Resp: 279189
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 65.4 34.1 102.2

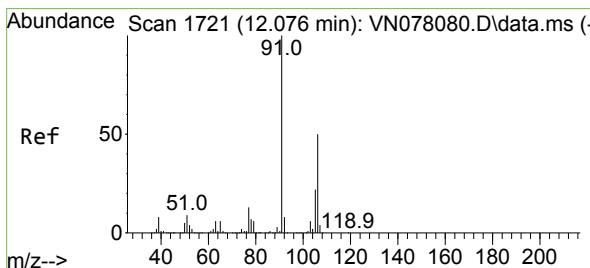
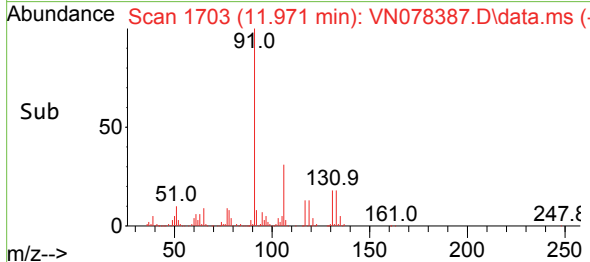
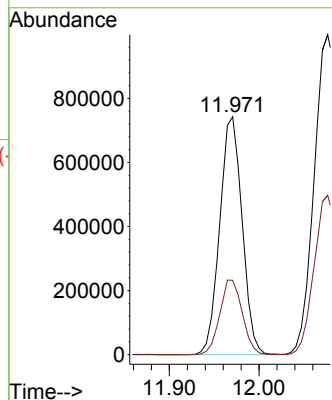
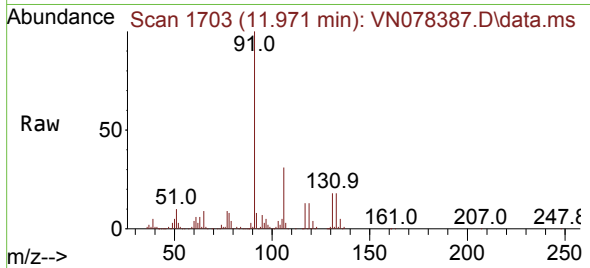




#67
Ethyl Benzene
Concen: 53.175 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

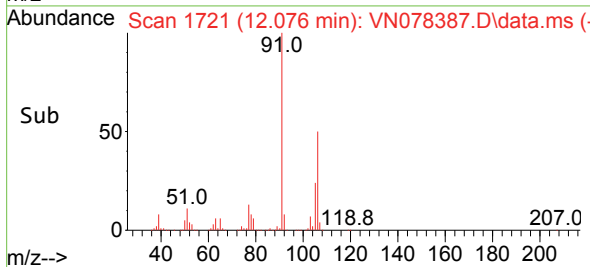
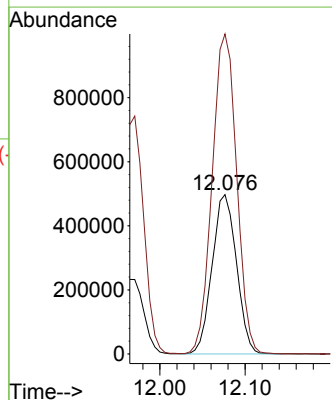
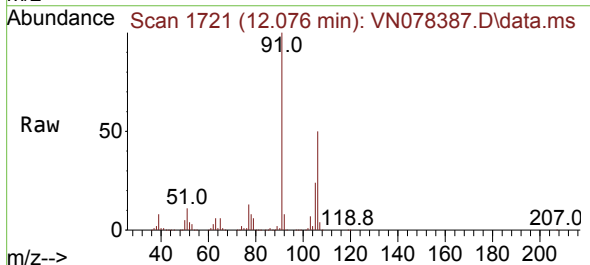
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

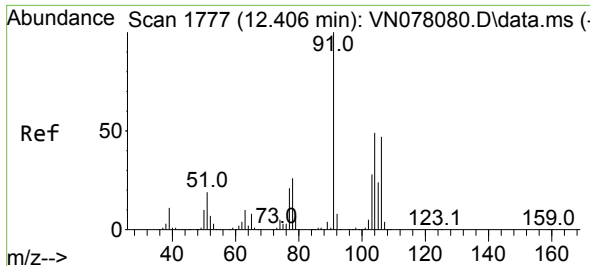
Tgt Ion: 91 Resp: 1285908
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 107.185 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:106 Resp: 987820
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4

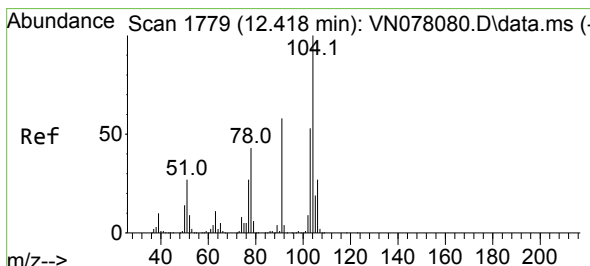
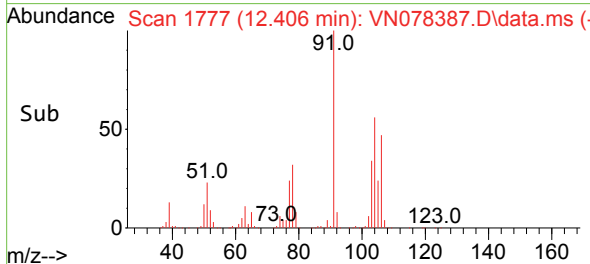
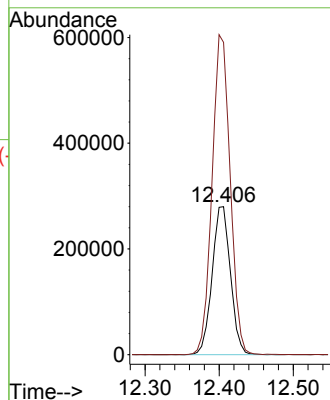
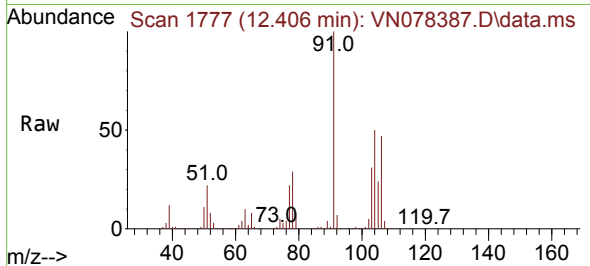




#69
o-Xylene
Concen: 53.089 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

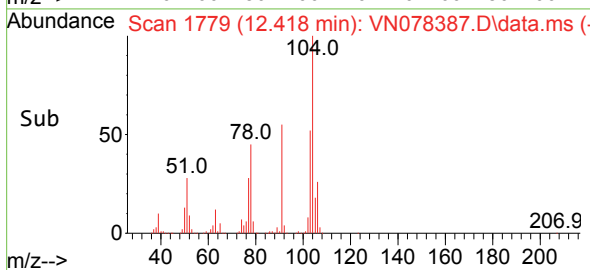
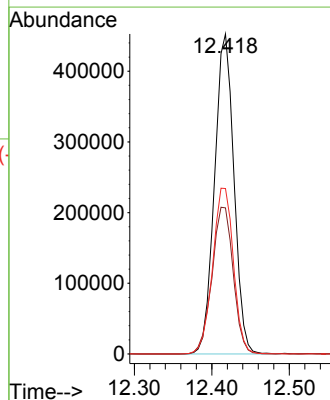
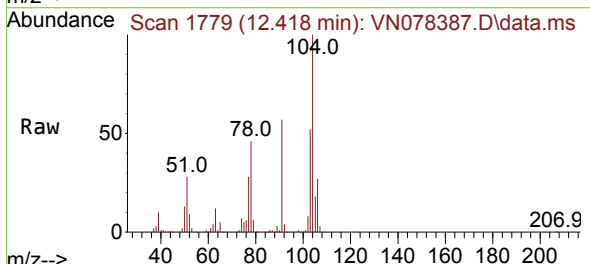
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

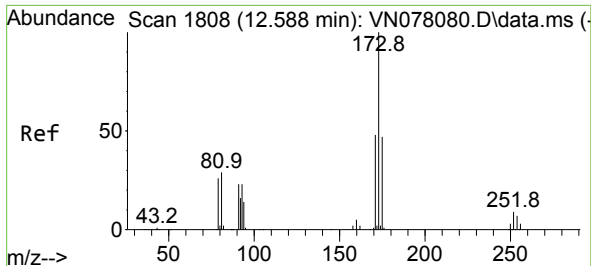
Tgt Ion:106 Resp: 480468
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5



#70
Styrene
Concen: 55.245 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:104 Resp: 787124
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 55.7 43.2 64.8

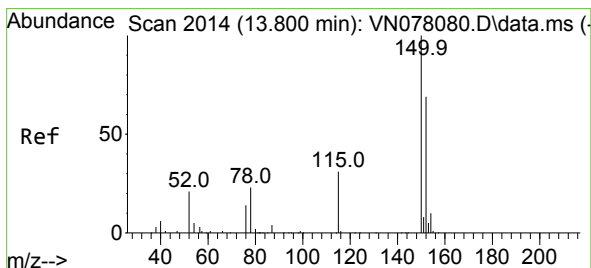
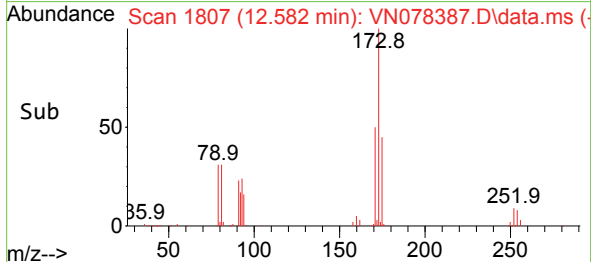
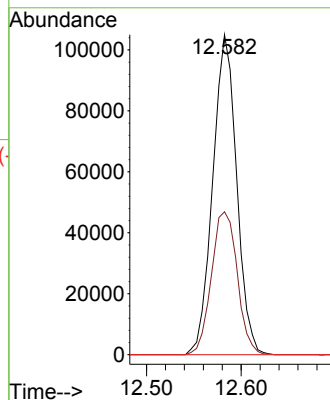
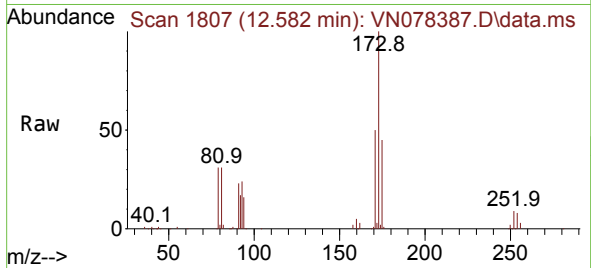




#71
Bromoform
Concen: 55.341 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

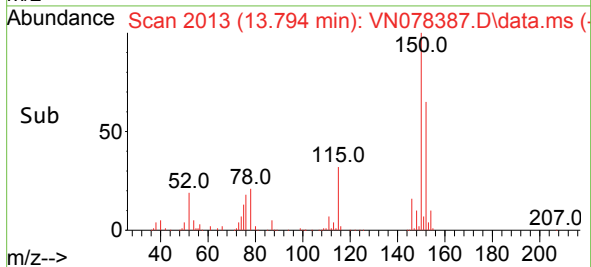
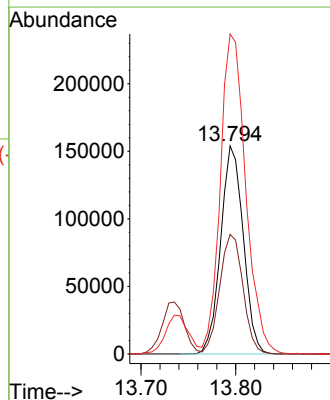
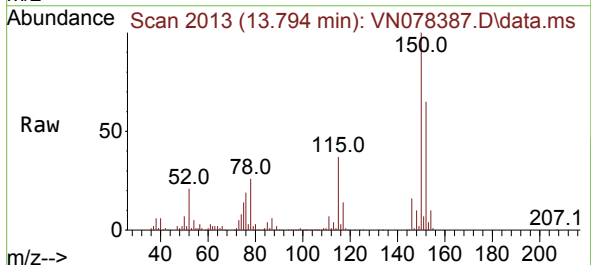
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

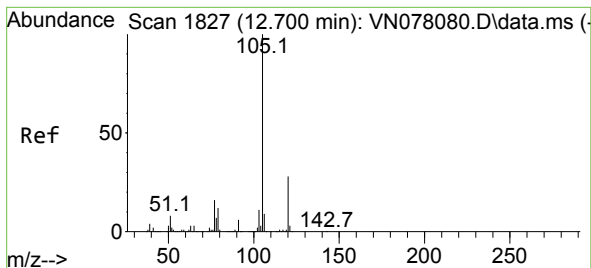
Tgt Ion:173 Resp: 184093
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:152 Resp: 255452
Ion Ratio Lower Upper
152 100
115 59.0 32.3 96.8
150 172.5 0.0 355.8





#73

Isopropylbenzene

Concen: 47.835 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

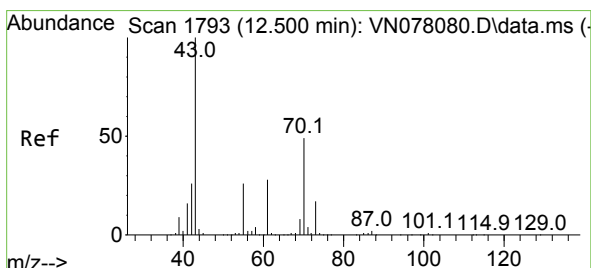
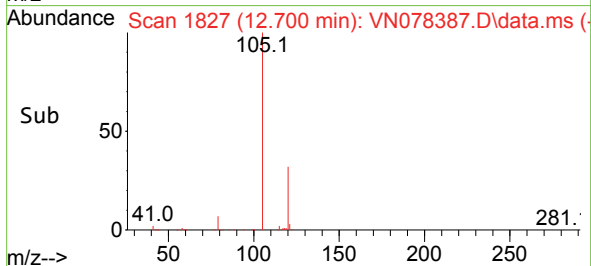
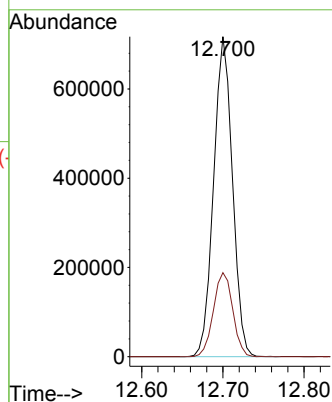
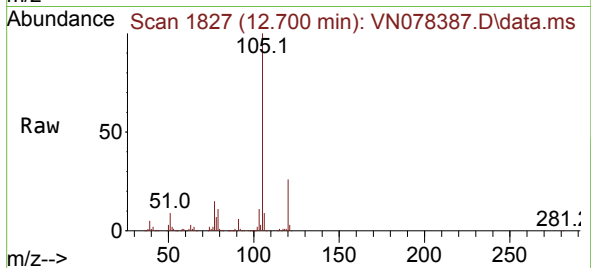
VSTDCCC050

Tgt Ion:105 Resp: 1155512

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1



#74

N-ethyl acetate

Concen: 49.034 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Tgt Ion: 43 Resp: 390052

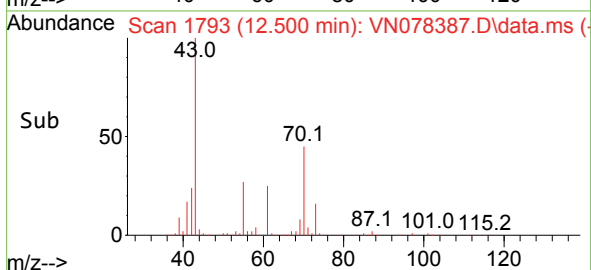
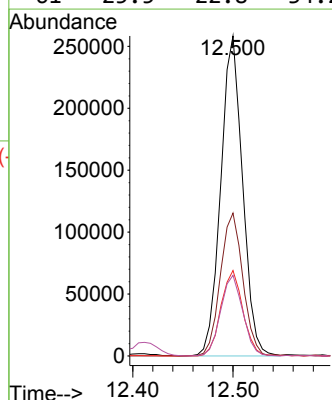
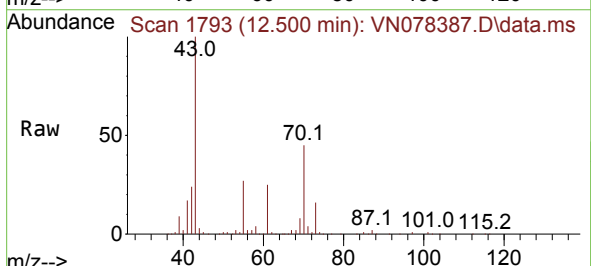
Ion Ratio Lower Upper

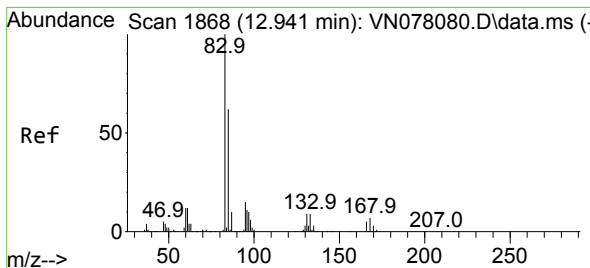
43 100

70 46.3 43.4 65.2

55 27.0 21.4 32.0

61 25.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.263 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

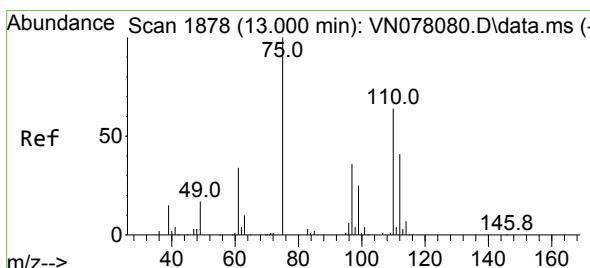
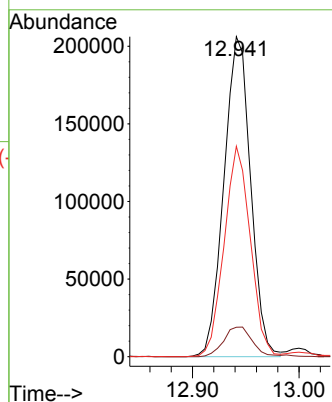
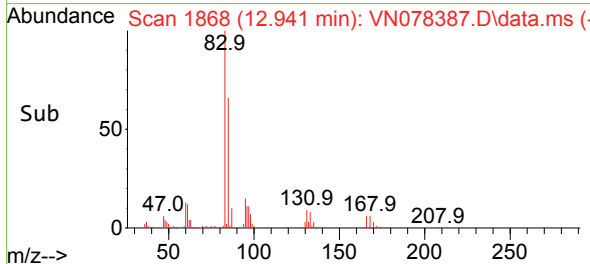
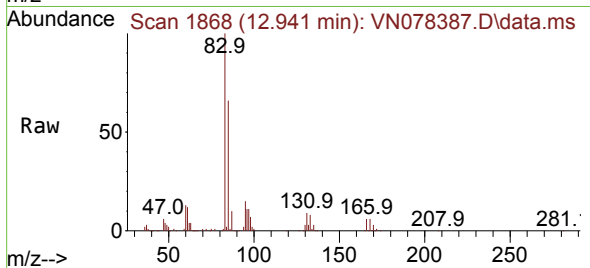
Tgt Ion: 83 Resp: 359133

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 73.020 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN078387.D

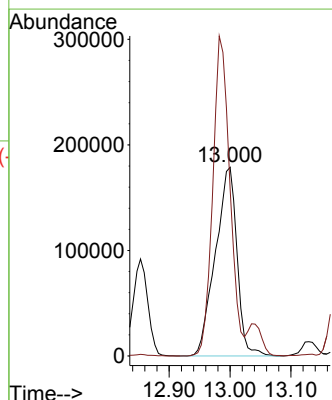
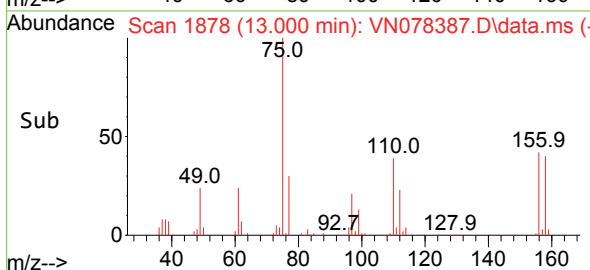
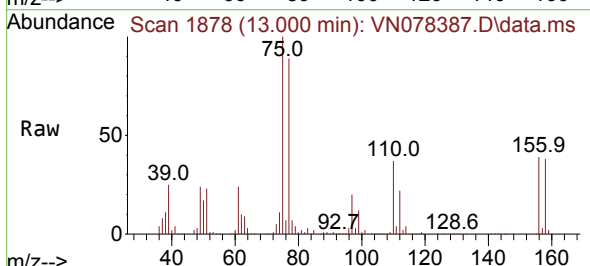
Acq: 24 Jun 2023 11:38

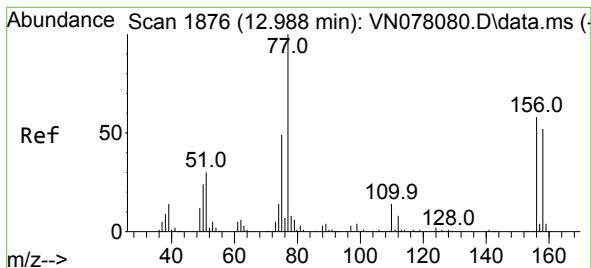
Tgt Ion: 75 Resp: 440969

Ion Ratio Lower Upper

75 100

77 134.1 84.5 253.5





#77

Bromobenzene

Concen: 49.551 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

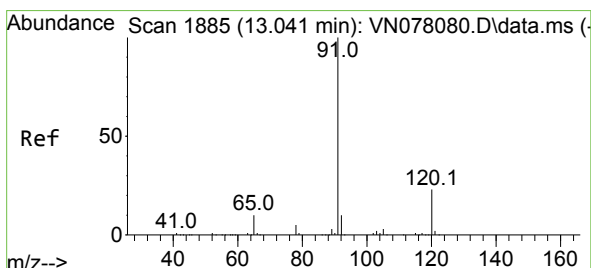
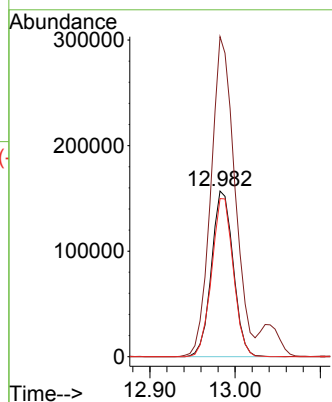
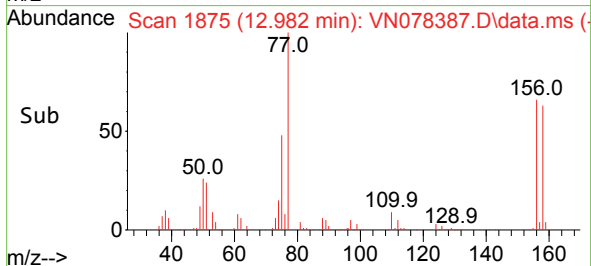
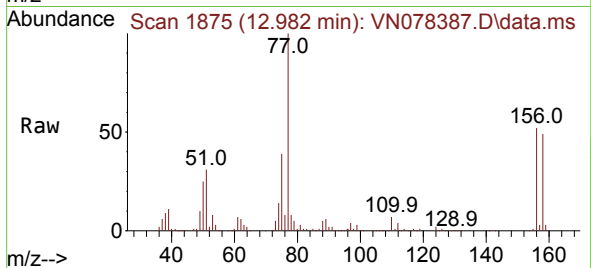
Tgt Ion:156 Resp: 277861

Ion Ratio Lower Upper

156 100

77 212.9 107.7 323.3

158 95.1 48.4 145.3



#78

n-propylbenzene

Concen: 50.092 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078387.D

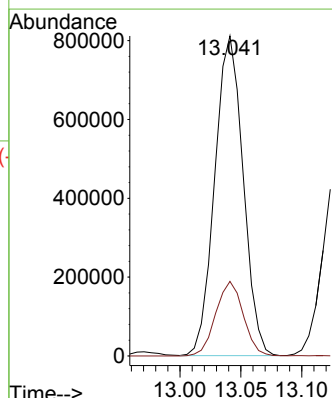
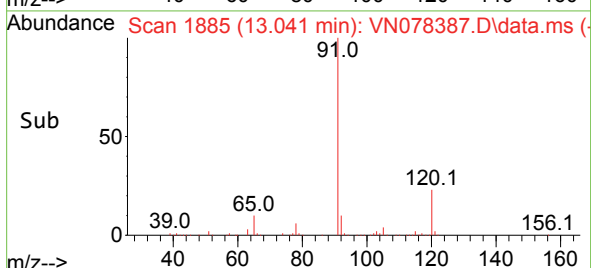
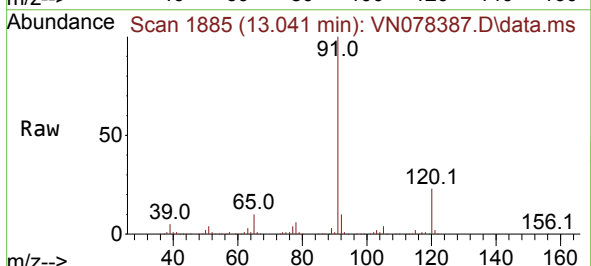
Acq: 24 Jun 2023 11:38

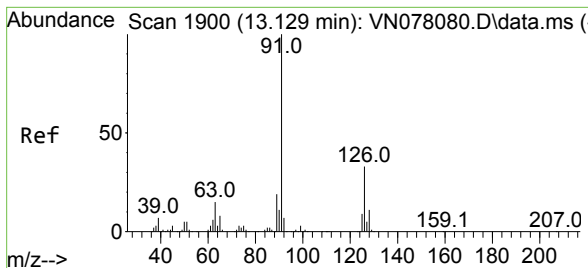
Tgt Ion: 91 Resp: 1314665

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

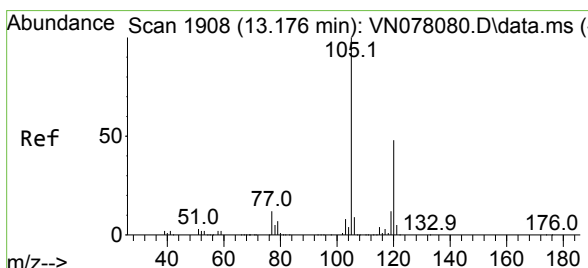
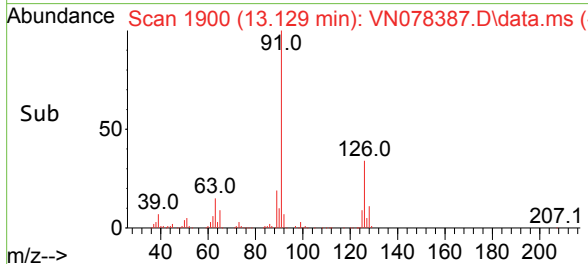
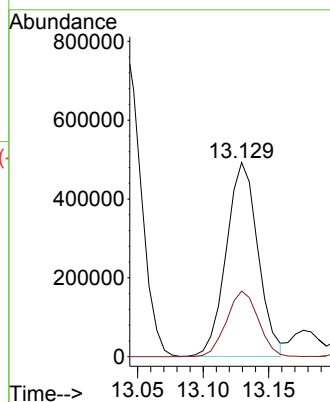
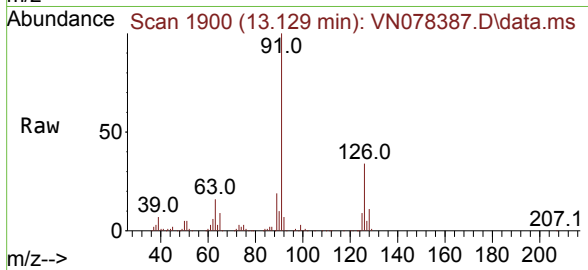




#79
2-Chlorotoluene
Concen: 48.922 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

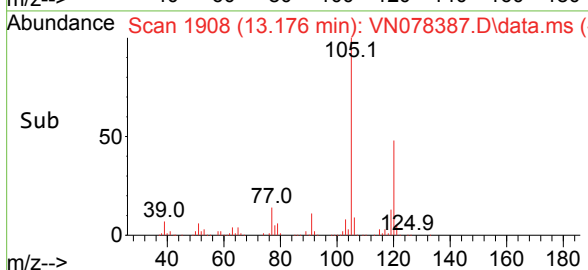
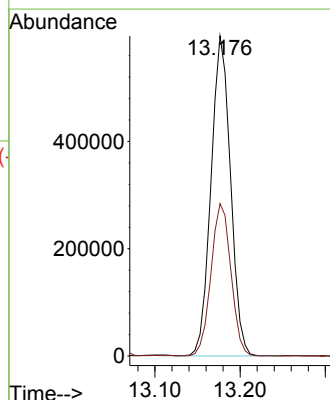
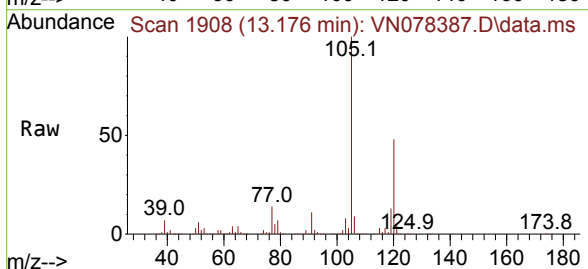
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

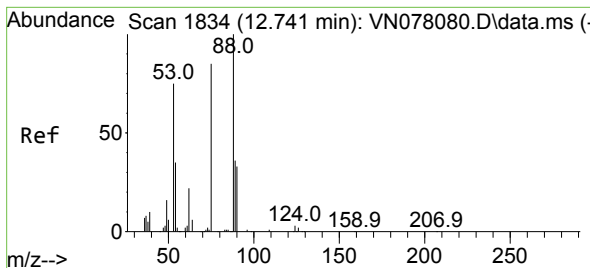
Tgt Ion: 91 Resp: 828809
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.502 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 105 Resp: 948575
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

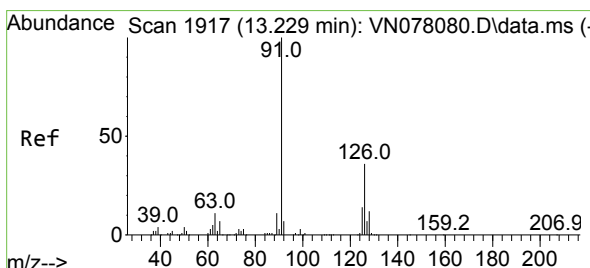
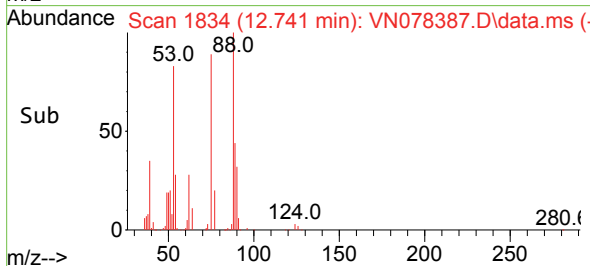
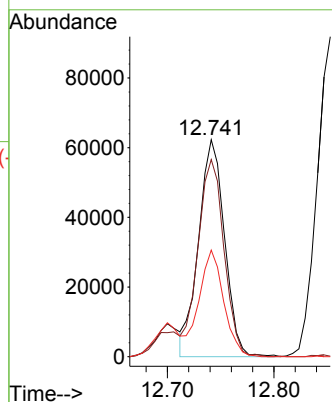
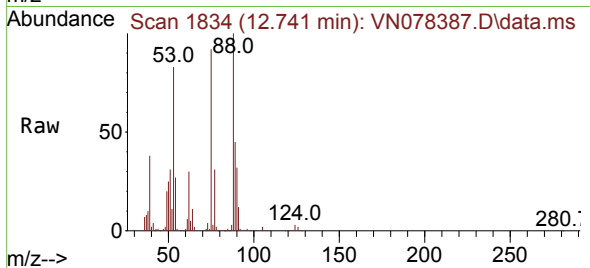




#81
trans-1,4-Dichloro-2-butene
Concen: 53.829 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

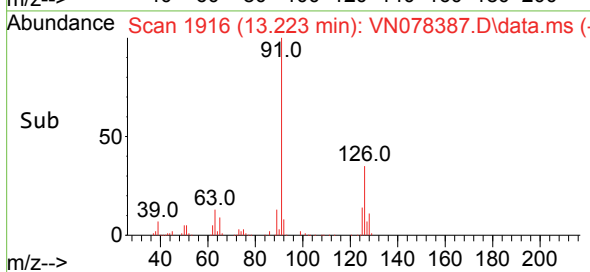
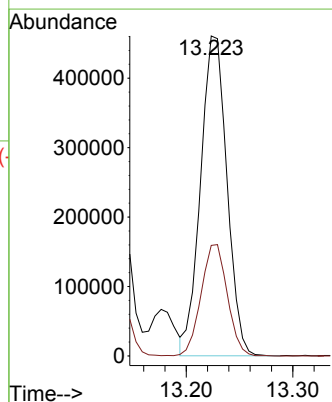
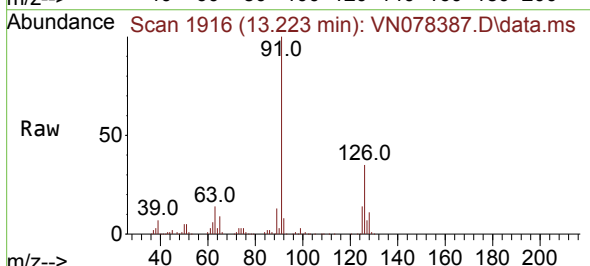
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

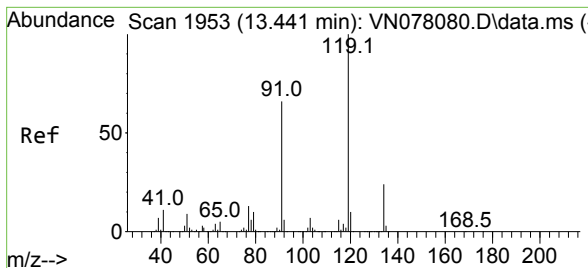
Tgt Ion: 75 Resp: 105807
Ion Ratio Lower Upper
75 100
53 103.0 67.4 101.2#
89 47.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.230 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 91 Resp: 794197
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0

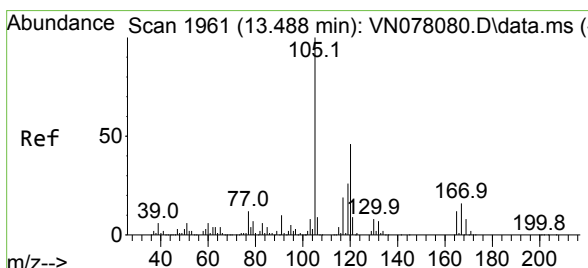
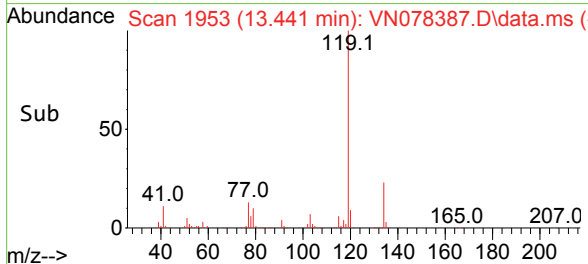
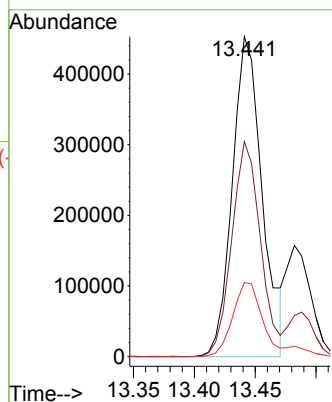
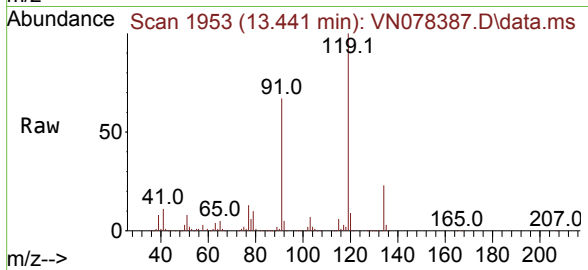




#83
tert-Butylbenzene
Concen: 45.479 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

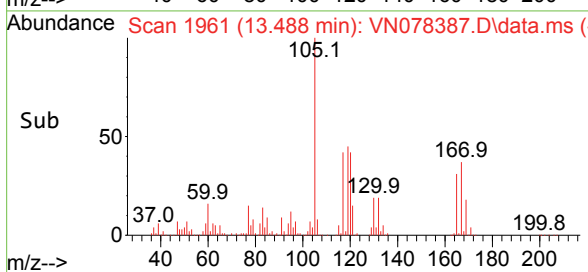
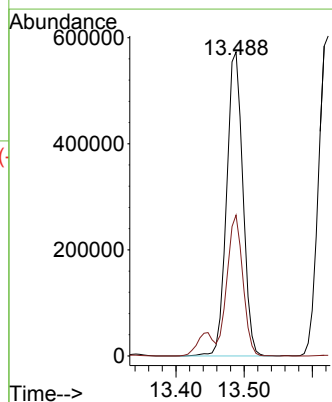
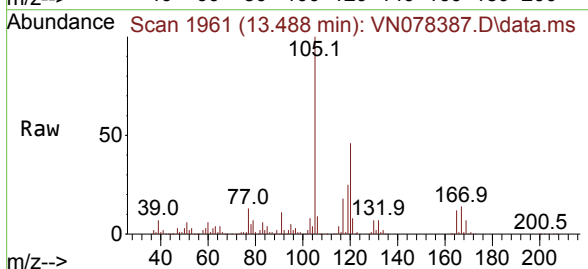
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

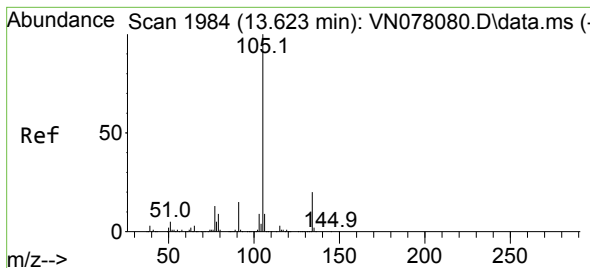
Tgt Ion:119 Resp: 773173
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.974 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:105 Resp: 947565
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.710 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

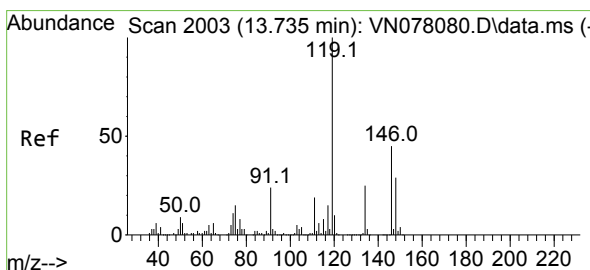
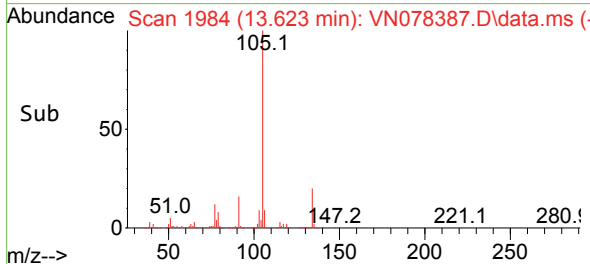
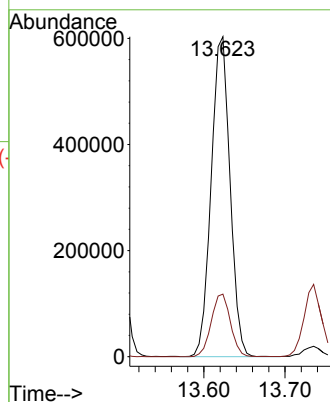
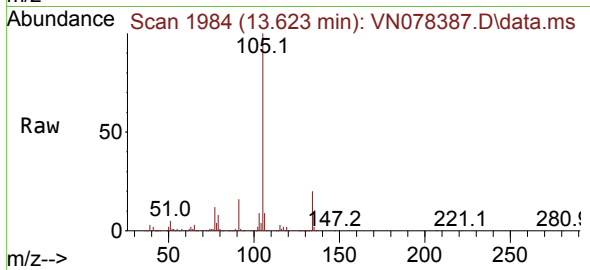
VSTDCCC050

Tgt Ion:105 Resp: 972615

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 44.757 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

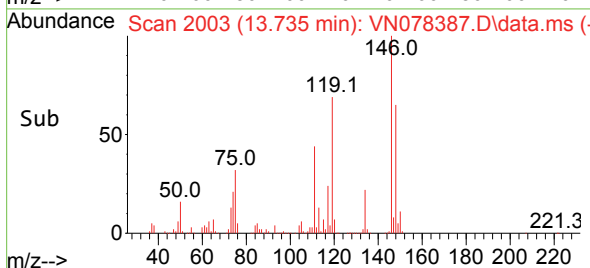
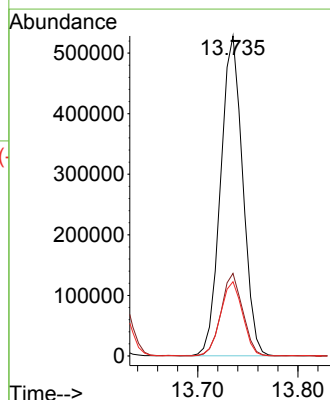
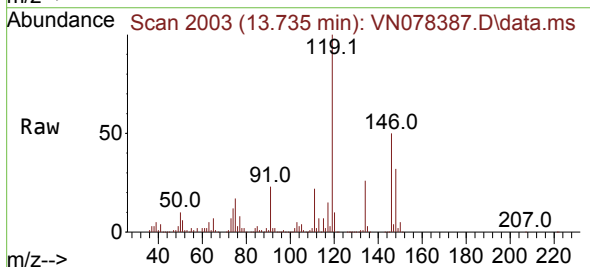
Tgt Ion:119 Resp: 808180

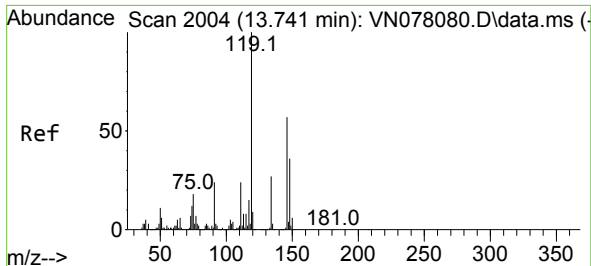
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 23.2 12.4 37.2

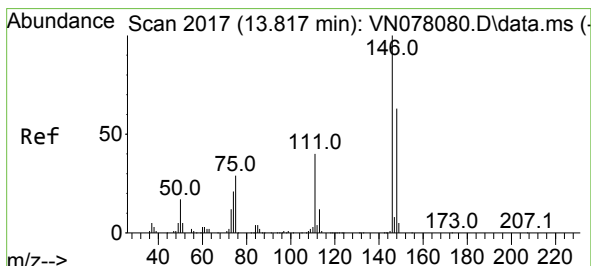
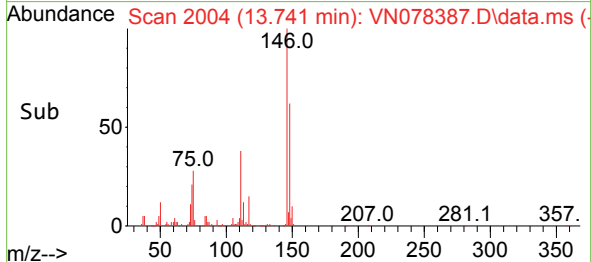
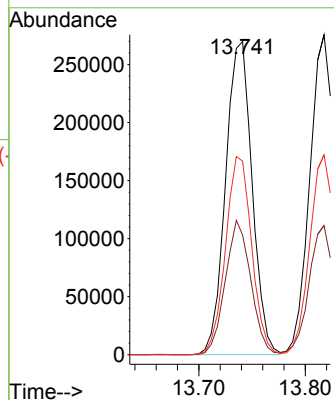
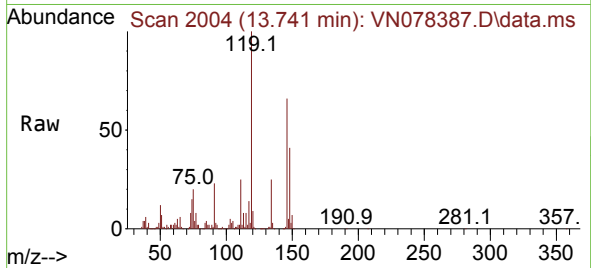




#87
1,3-Dichlorobenzene
Concen: 49.287 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

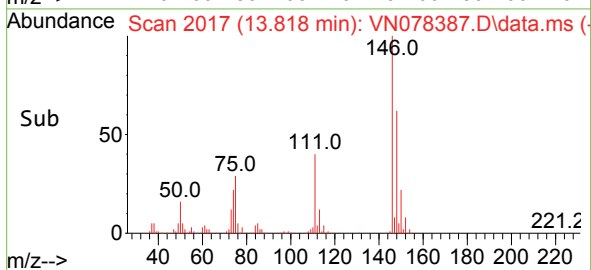
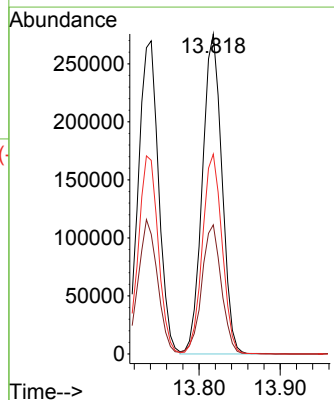
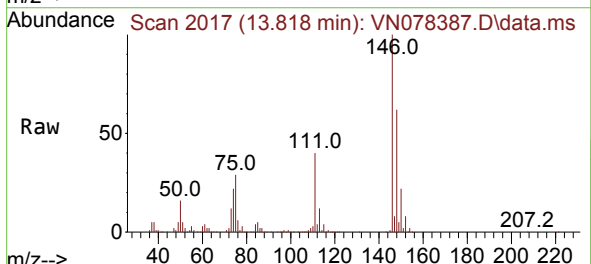
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

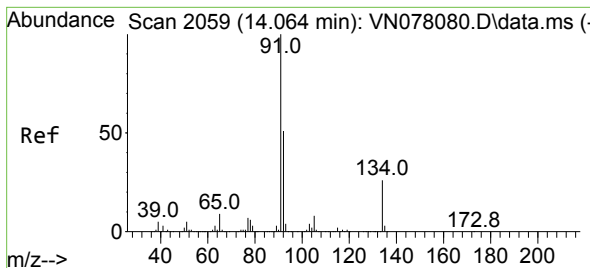
Tgt Ion:146 Resp: 467501
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 62.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.307 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:146 Resp: 460448
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 42.956 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

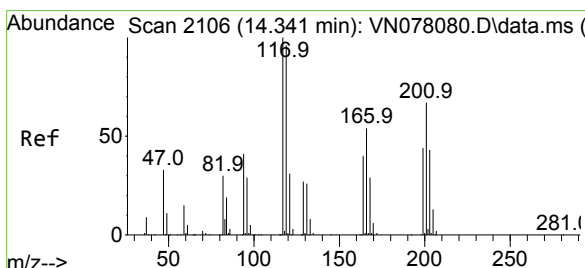
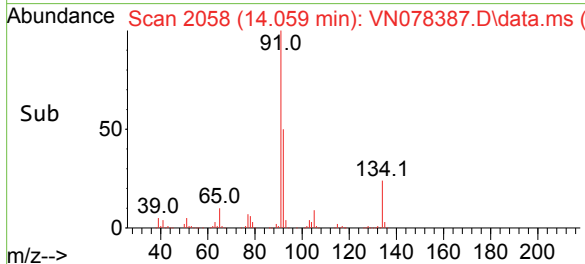
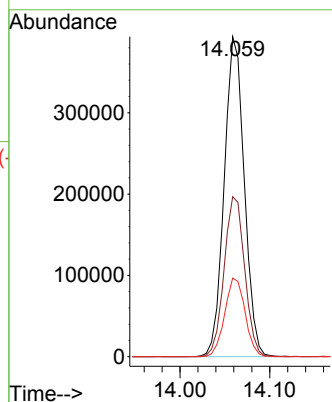
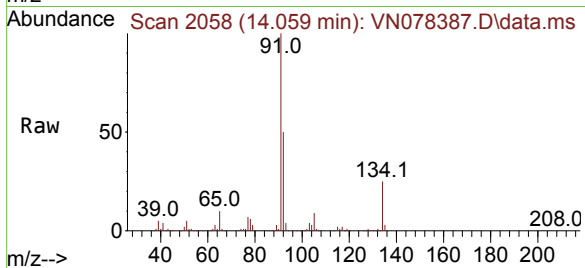
Tgt Ion: 91 Resp: 611795

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 46.022 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078387.D

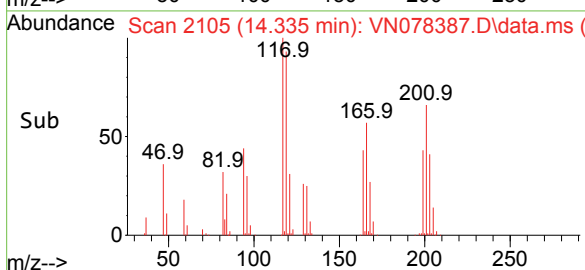
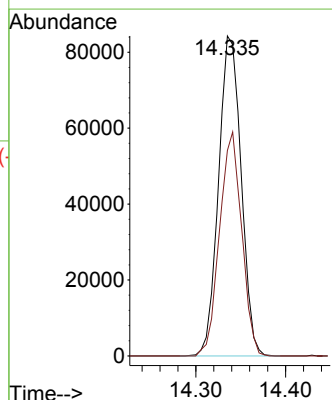
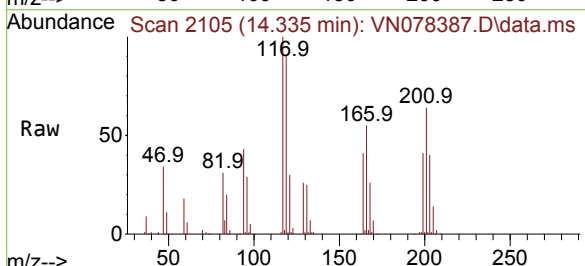
Acq: 24 Jun 2023 11:38

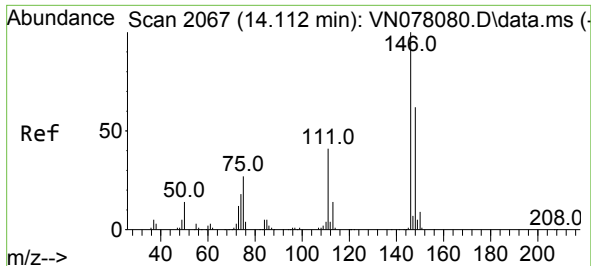
Tgt Ion: 117 Resp: 147476

Ion Ratio Lower Upper

117 100

201 68.4 29.3 88.0

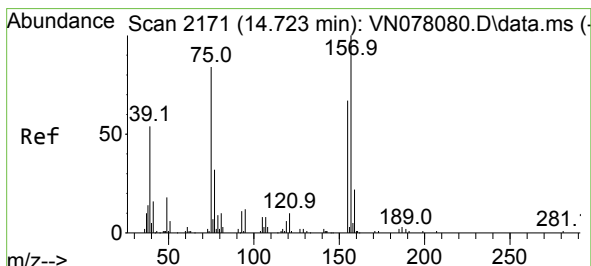
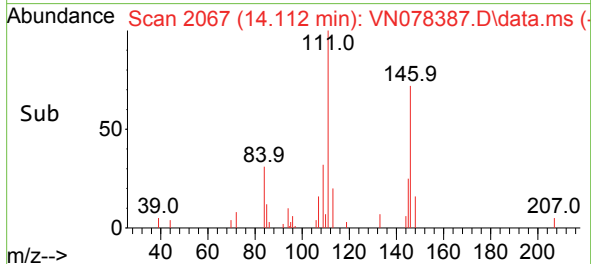
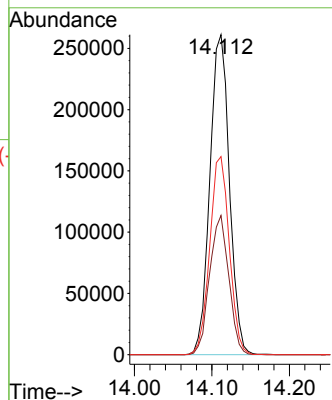
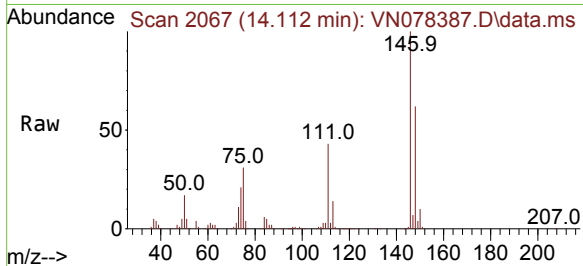




#91
 1,2-Dichlorobenzene
 Concen: 49.306 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

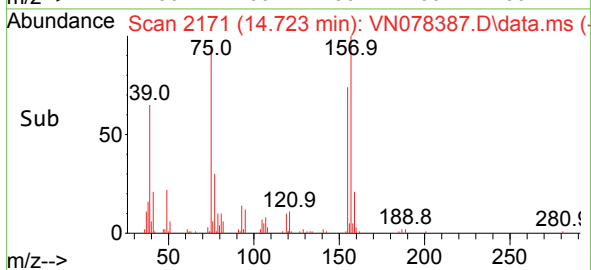
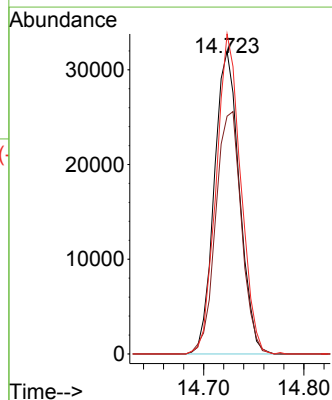
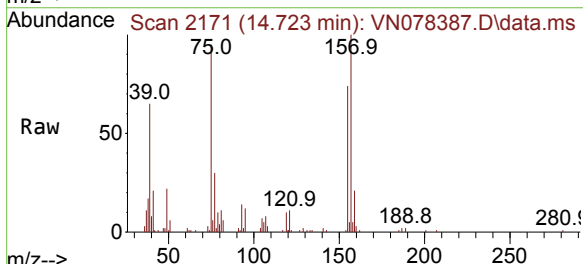
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

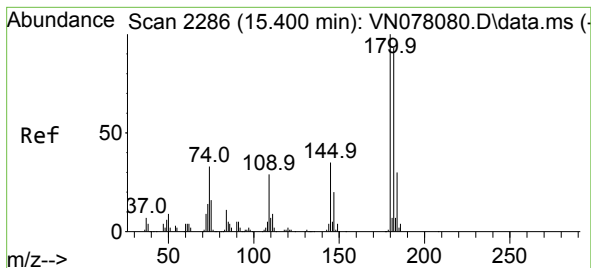
Tgt Ion:146 Resp: 457081
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.0 66.0
 148 62.0 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.481 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

Tgt Ion: 75 Resp: 55615
 Ion Ratio Lower Upper
 75 100
 155 82.1 39.1 117.2
 157 103.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 40.901 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

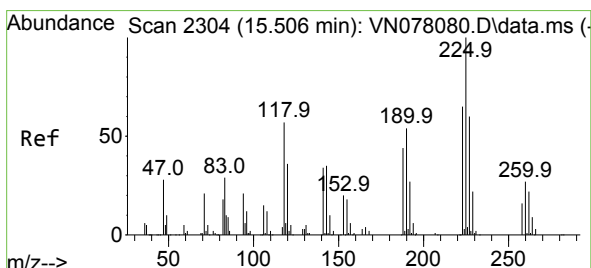
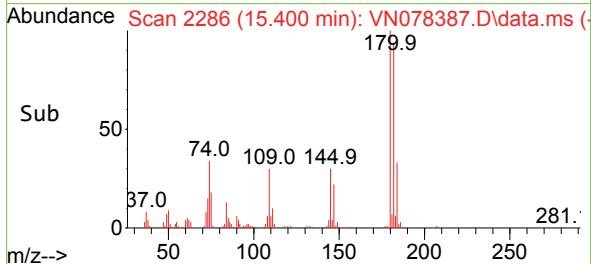
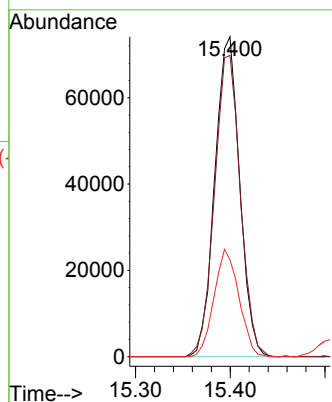
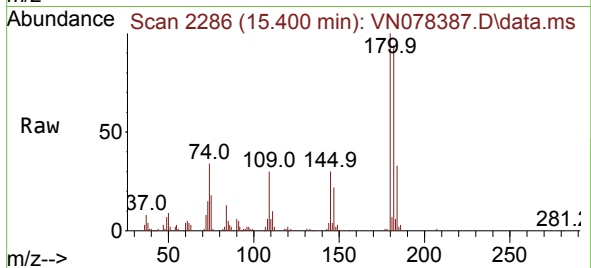
Tgt Ion:180 Resp: 135093

Ion Ratio Lower Upper

180 100

182 97.8 46.1 138.2

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 45.344 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

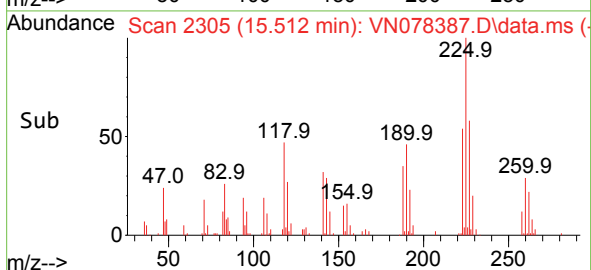
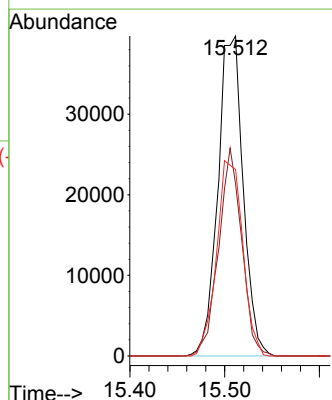
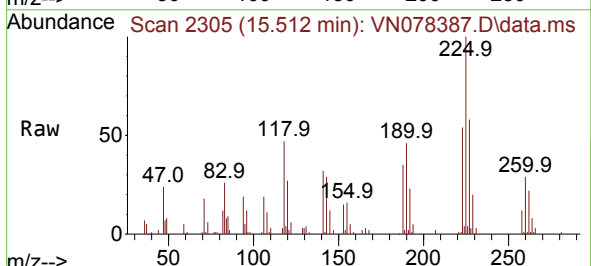
Tgt Ion:225 Resp: 73817

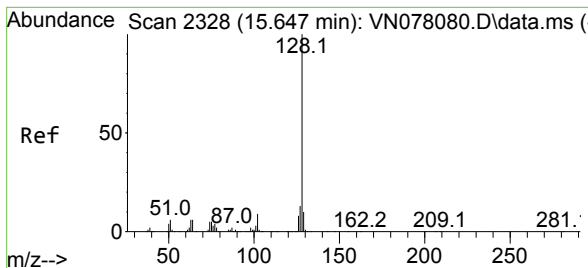
Ion Ratio Lower Upper

225 100

223 59.1 31.3 93.8

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 40.044 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

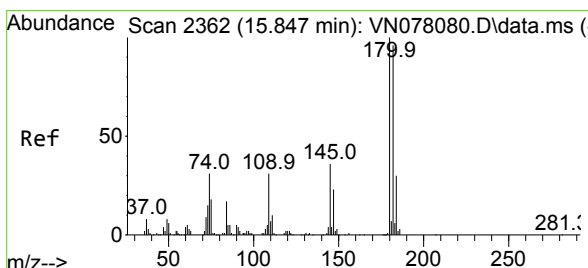
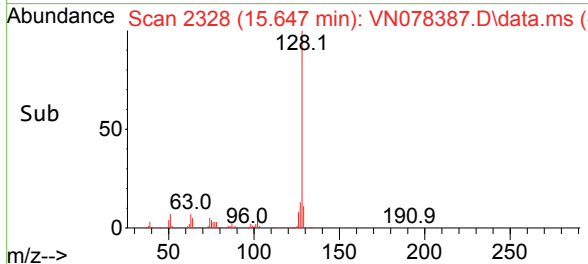
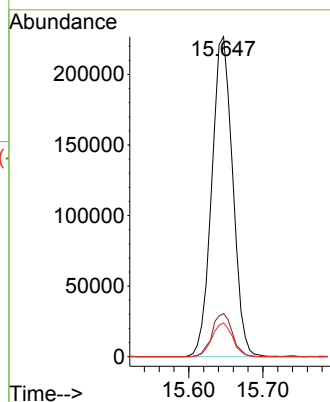
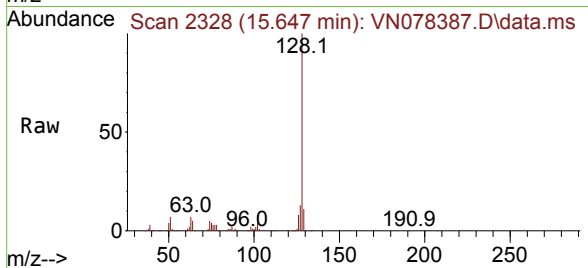
Tgt Ion:128 Resp: 444902

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.497 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Tgt Ion:180 Resp: 153293

Ion Ratio Lower Upper

180 100

182 93.4 46.2 138.6

145 33.7 17.5 52.6

