

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078542.D
 Acq On : 17 Jul 2023 14:49
 Operator : JC\MD
 Sample : 03632-06ME
 Misc : 12.08g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-09-(3-5)ME

Quant Time: Jul 18 04:24:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	416338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	734876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	745600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	326825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	267923	48.002	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.000%
35) Dibromofluoromethane	8.171	113	276623	55.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.900%
50) Toluene-d8	10.571	98	879493	46.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.853	95	370279	63.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.580%#

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	1165	0.210	ug/l #	42
5) Bromomethane	2.953	94	398	Below Cal	#	4
6) Chloroethane	3.130	64	827	Below Cal	#	43
10) Methyl Iodide	4.577	142	2872	0.460	ug/l #	69
11) Tert butyl alcohol	5.500	59	15076	17.516	ug/l #	74
13) Acrolein	4.194	56	512	0.605	ug/l #	16
15) Acrylonitrile	5.741	53	1183	0.544	ug/l #	76
16) Acetone	4.459	43	1915	1.101	ug/l	100
17) Carbon Disulfide	4.694	76	3289	0.259	ug/l #	80
18) Methyl Acetate	5.053	43	4180	0.568	ug/l #	66
20) Methylene Chloride	5.277	84	2683	Below Cal	#	68
25) 2-Butanone	7.483	43	555	0.203	ug/l #	37
29) Tetrahydrofuran	7.853	42	509	0.283	ug/l #	52
31) Cyclohexane	8.224	56	12568	1.666	ug/l #	45
36) 1,1-Dichloropropene	8.235	75	34041	4.726	ug/l #	48
38) Carbon Tetrachloride	8.235	117	44596	5.697	ug/l #	17
39) Methylcyclohexane	9.606	83	11826	1.799	ug/l #	72
43) Isopropyl Acetate	8.765	43	33226	3.361	ug/l #	49
47) Bromodichloromethane	9.882	83	1815	0.238	ug/l #	26
48) Methyl methacrylate	9.729	41	3888	0.849	ug/l #	22
49) 1,4-Dioxane	9.706	88	247	2.473	ug/l #	87
51) 4-Methyl-2-Pentanone	10.459	43	2863	0.487	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	7411	1.422	ug/l #	33
58) 2-Chloroethyl Vinyl ether	10.165	63	5818	2.241	ug/l #	80
59) 2-Hexanone	11.206	43	7128	1.706	ug/l	62
67) Ethyl Benzene	11.970	91	40725	1.446	ug/l	90
68) m/p-Xylenes	12.082	106	5485	0.527	ug/l	94
73) Isopropylbenzene	12.700	105	24812	0.808	ug/l	96
74) N-amyl acetate	12.500	43	2687	0.254	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	2094	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.853	75	193144	24.449	ug/l #	1
77) Bromobenzene	12.988	156	1180	Below Cal		92
78) n-propylbenzene	13.041	91	143794	4.378	ug/l	98
79) 2-Chlorotoluene	13.135	91	6049	0.281	ug/l #	57
81) trans-1,4-Dichloro-2-b...	12.853	75	193144	64.248	ug/l #	15
82) 4-Chlorotoluene	13.135	91	6049	0.301	ug/l #	56

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

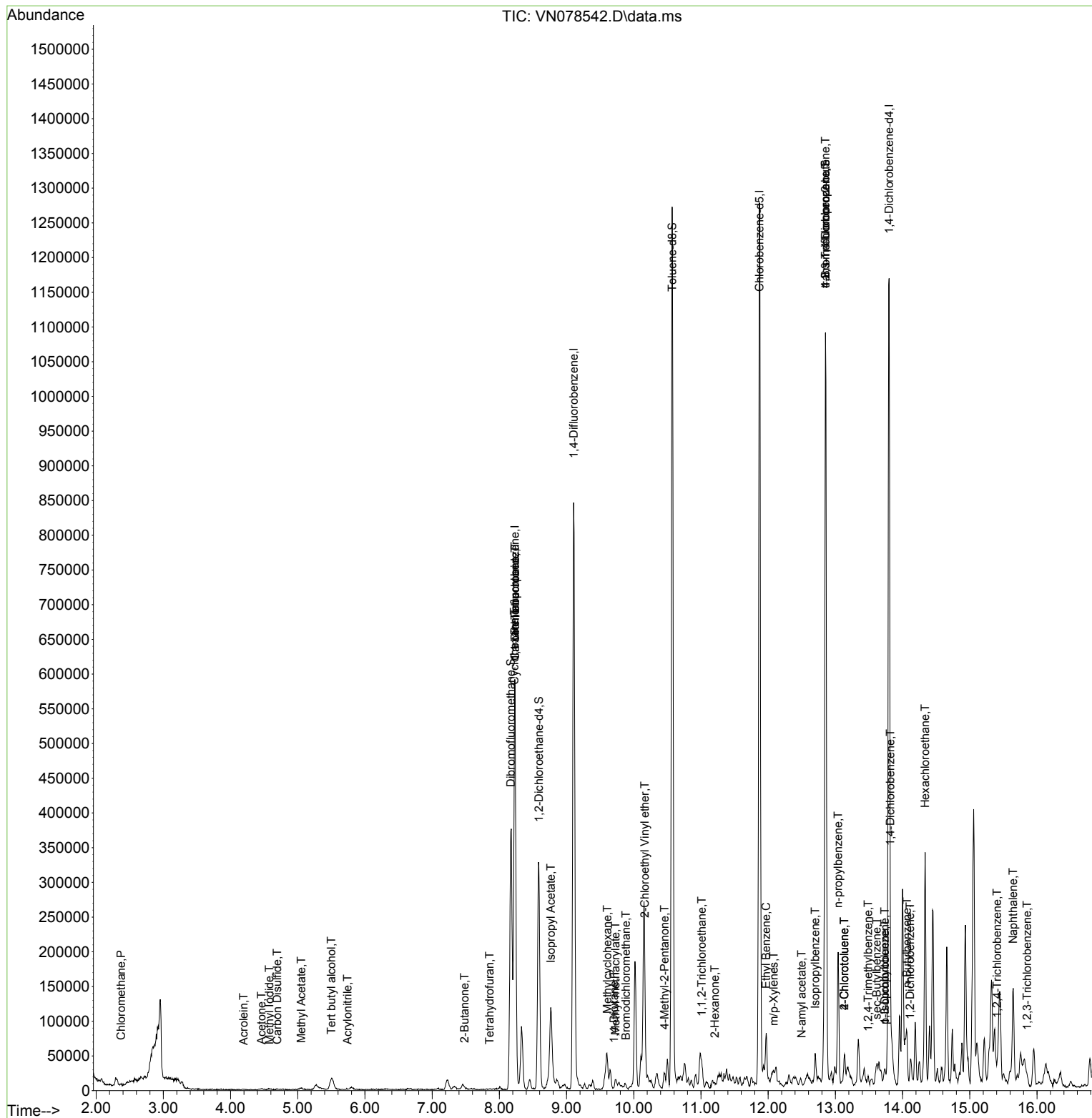
84) 1,2,4-Trimethylbenzene	13.488	105	6440	0.273	ug/l	100
85) sec-Butylbenzene	13.617	105	15740	0.604	ug/l #	63
86) p-Isopropyltoluene	13.735	119	6308	0.302	ug/l	90
87) 1,3-Dichlorobenzene	13.735	146	2921	0.248	ug/l #	77
88) 1,4-Dichlorobenzene	13.817	146	4292	0.361	ug/l #	1
89) n-Butylbenzene	14.064	91	46042	3.078	ug/l #	85
90) Hexachloroethane	14.335	117	19583	4.351	ug/l #	23
91) 1,2-Dichlorobenzene	14.111	146	3296	0.281	ug/l #	81
92) 1,2-Dibromo-3-Chloropr...	14.717	75	595	Below Cal	#	68
93) 1,2,4-Trichlorobenzene	15.406	180	3814	1.019	ug/l #	83
94) Hexachlorobutadiene	15.506	225	2433	Below Cal		87
95) Naphthalene	15.647	128	126362	9.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	4079	0.947	ug/l #	44

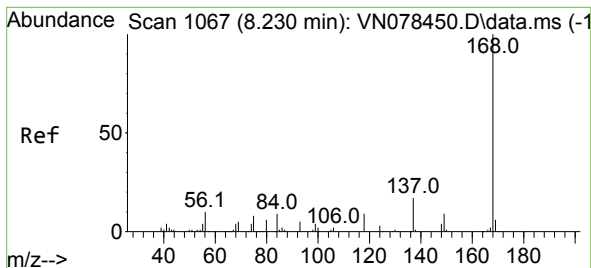
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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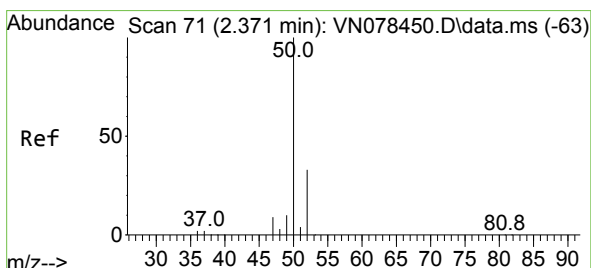
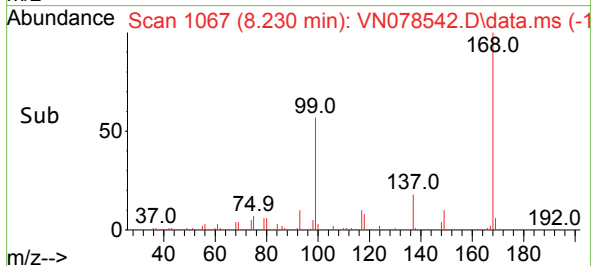
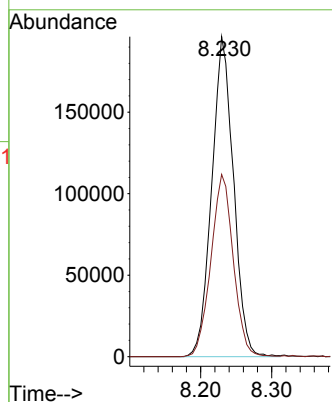
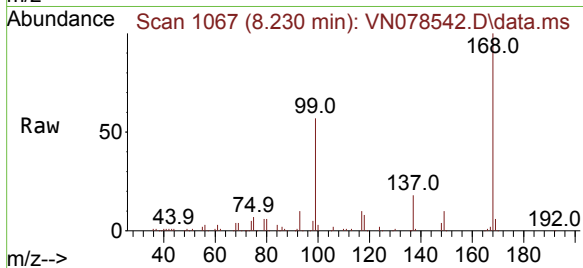
SB-09-(3-5)ME

Tgt Ion:168 Resp: 416338

Ion Ratio Lower Upper

168 100

99 56.9 53.0 79.6



#3

Chloromethane

Concen: 0.210 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078542.D

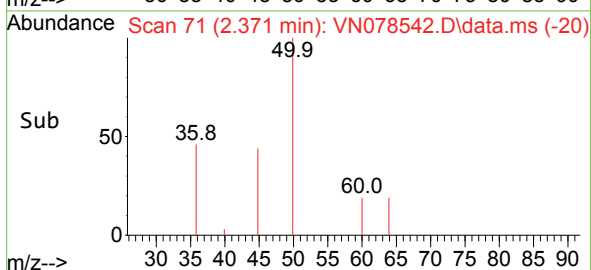
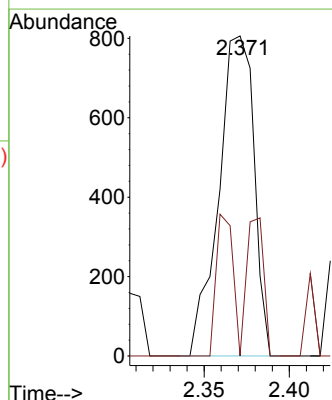
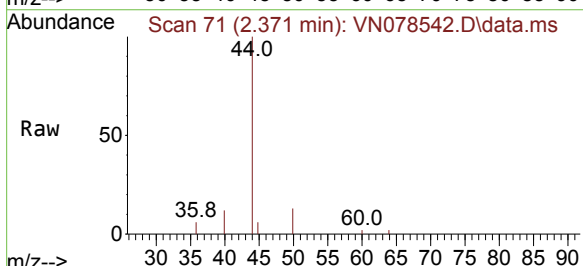
Acq: 17 Jul 2023 14:49

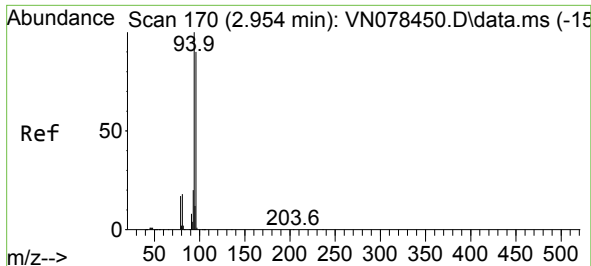
Tgt Ion: 50 Resp: 1165

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

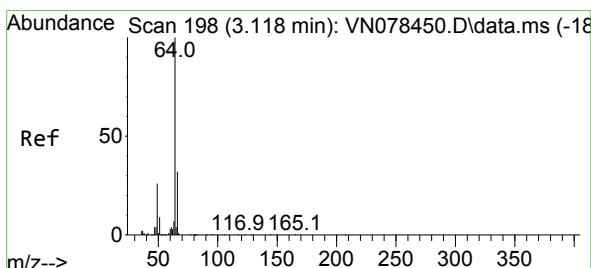
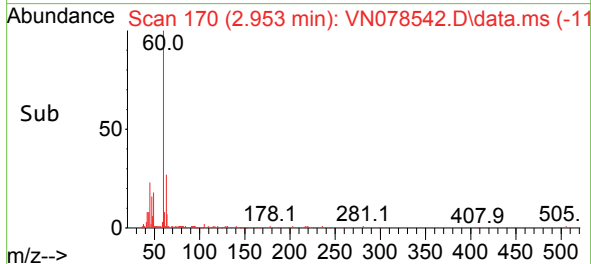
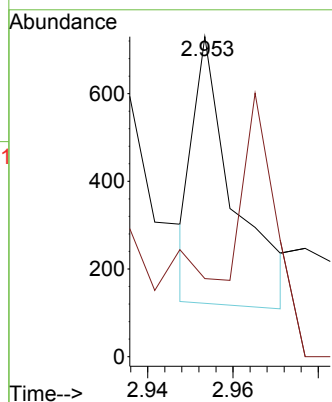
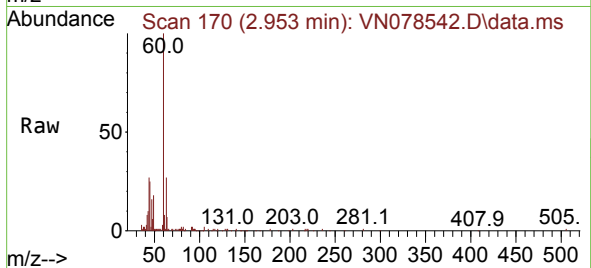




#5
Bromomethane
Concen: Below Cal
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

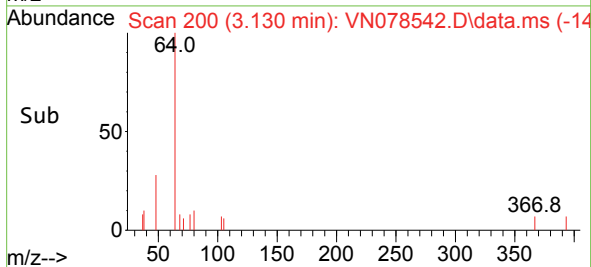
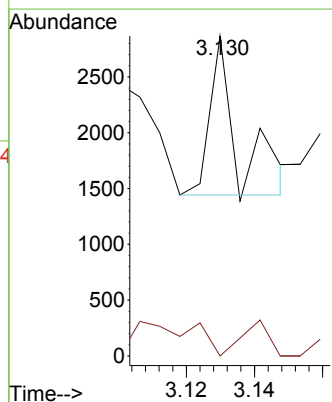
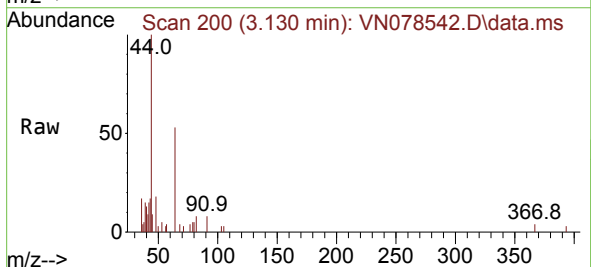
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

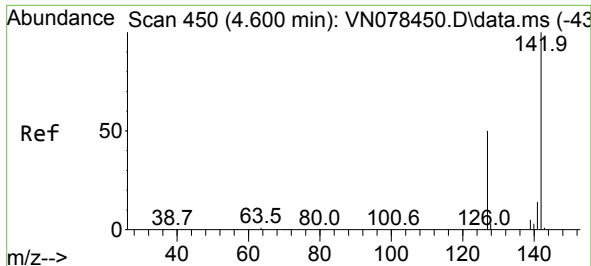
Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078542.D
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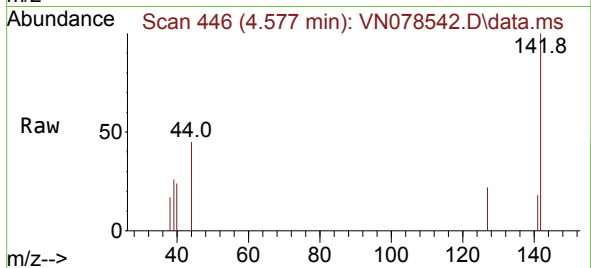
Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



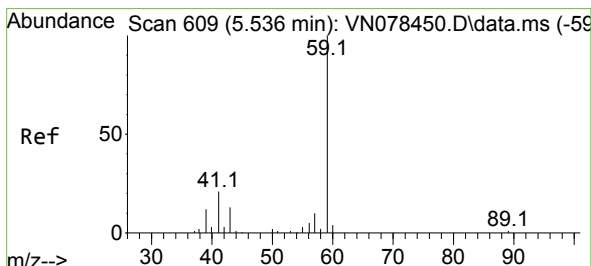
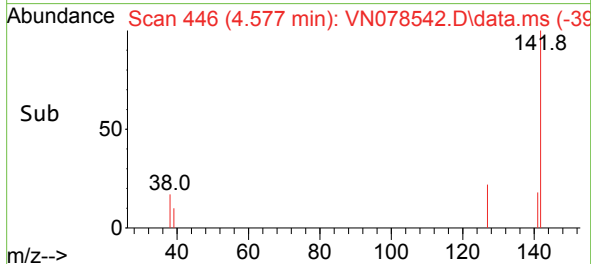
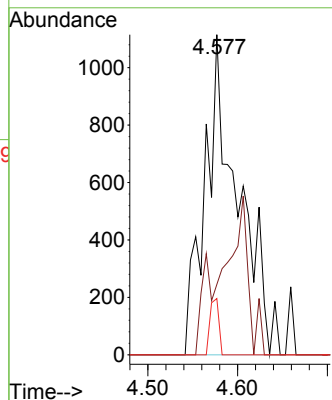


#10
Methyl Iodide
Concen: 0.460 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.023 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

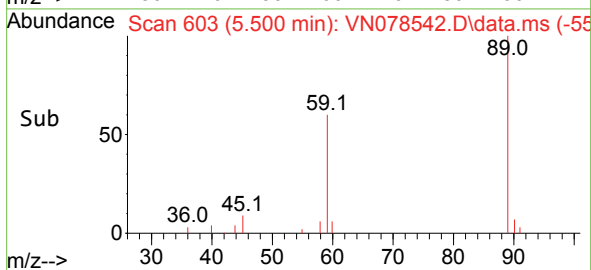
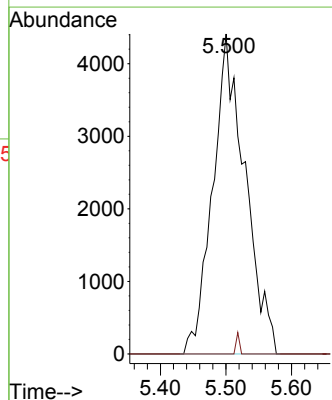
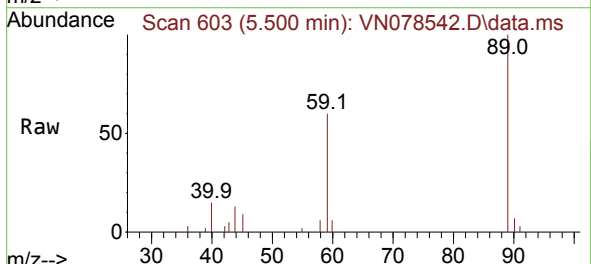


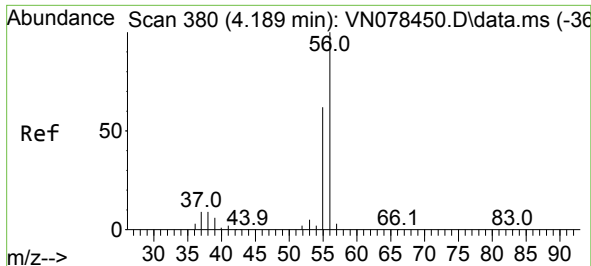
Tgt Ion:142 Resp: 2872
Ion Ratio Lower Upper
142 100
127 22.0 37.6 56.4#
141 17.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 17.516 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.036 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 59 Resp: 15076
Ion Ratio Lower Upper
59 100
57 0.7 8.2 12.4#

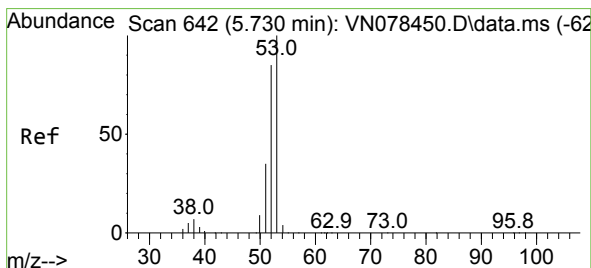
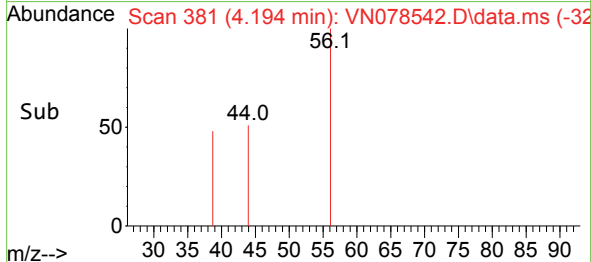
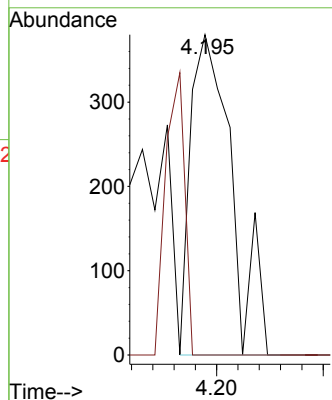
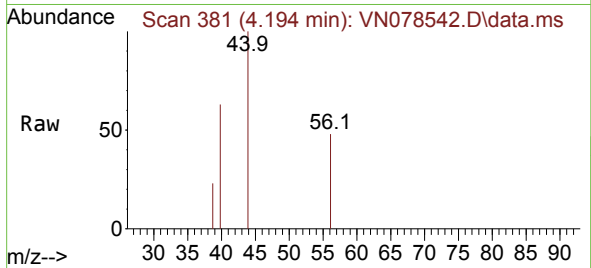




#13
Acrolein
Concen: 0.605 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

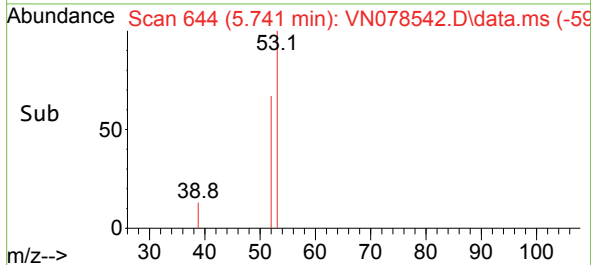
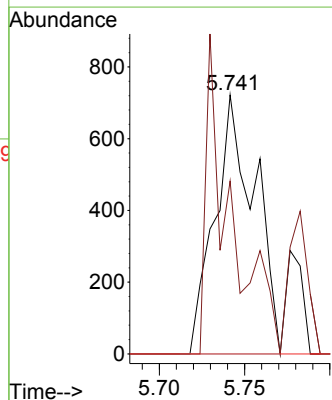
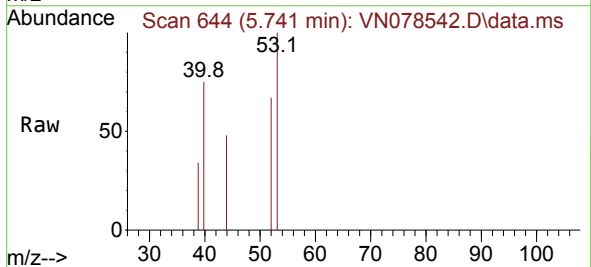
Instrument :
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ClientSampleId :
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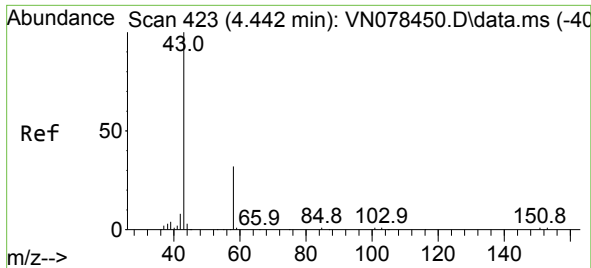
Tgt Ion: 56 Resp: 512
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.544 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.011 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 53 Resp: 1183
Ion Ratio Lower Upper
53 100
52 74.4 65.3 97.9
51 0.0 28.9 43.3#

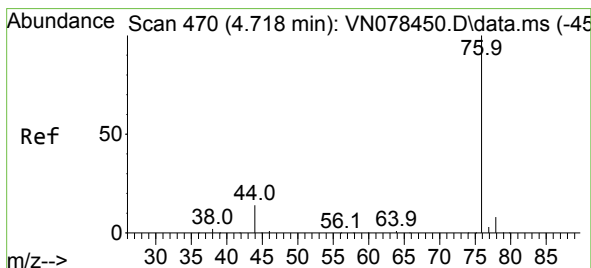
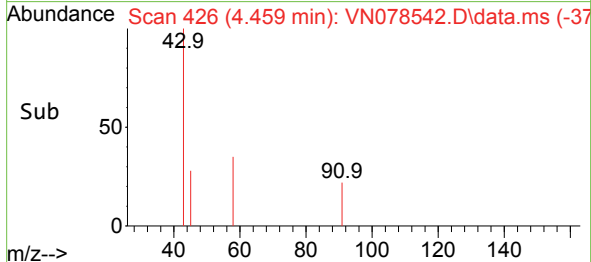
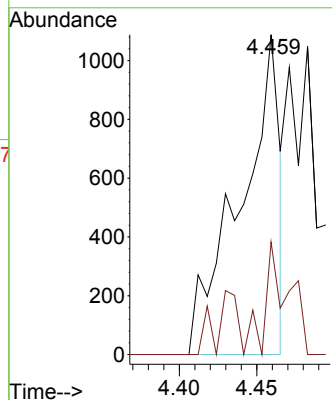
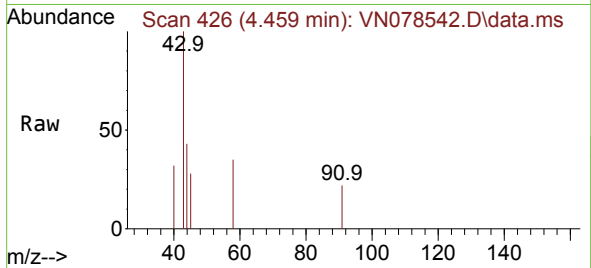




#16
Acetone
Concen: 1.101 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

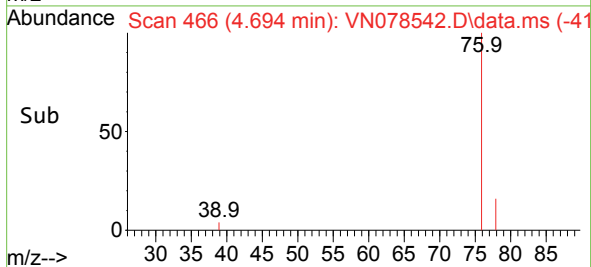
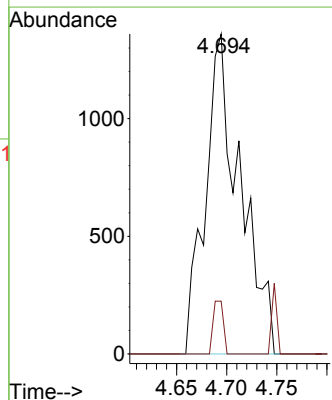
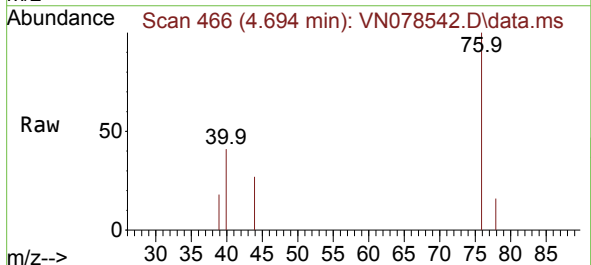
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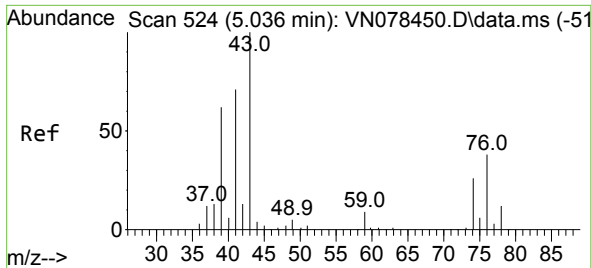
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0



#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.024 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 76 Resp: 3289
Ion Ratio Lower Upper
76 100
78 16.5 7.4 11.0#

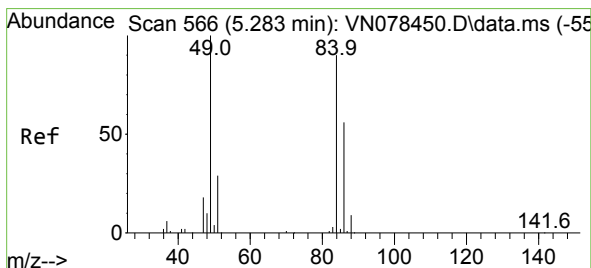
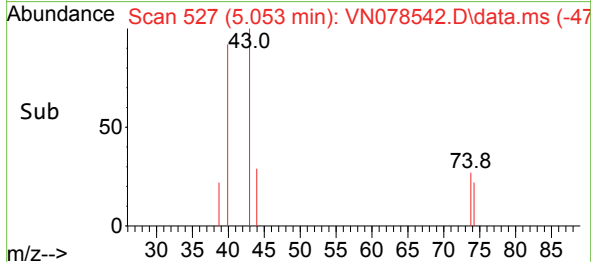
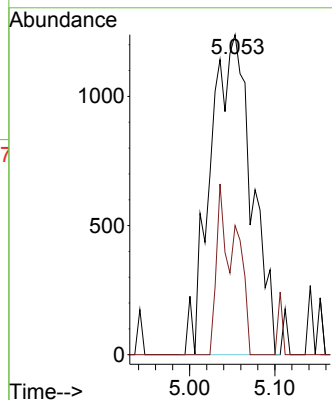
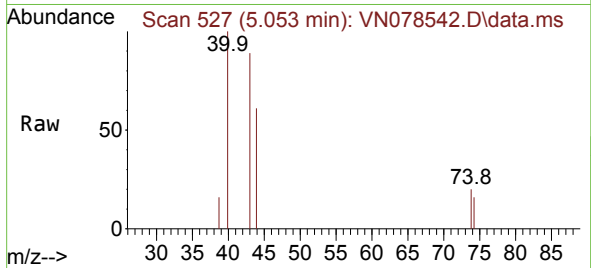




#18
Methyl Acetate
Concen: 0.568 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

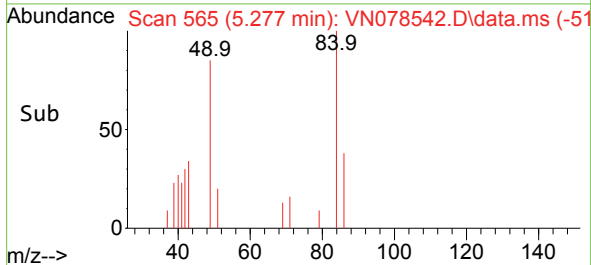
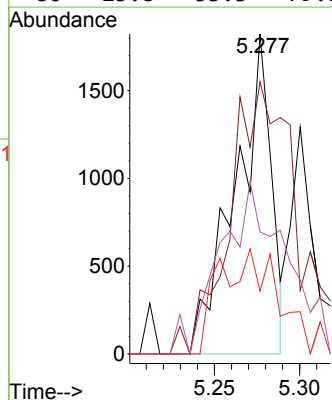
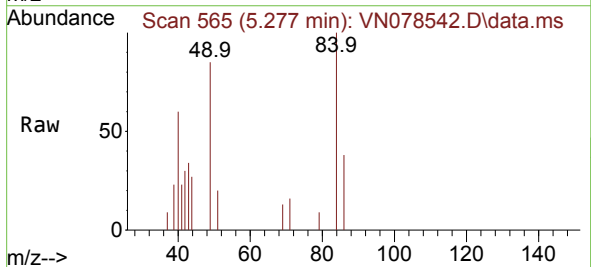
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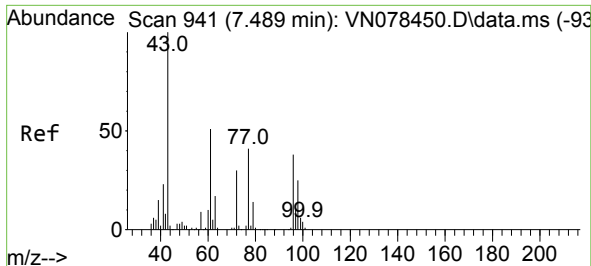
Tgt Ion: 43 Resp: 4180
Ion Ratio Lower Upper
43 100
74 13.8 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 84 Resp: 2683
Ion Ratio Lower Upper
84 100
49 76.5 79.7 119.5#
51 19.6 25.2 37.8#
86 25.8 53.3 79.9#





#25

2-Butanone

Concen: 0.203 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

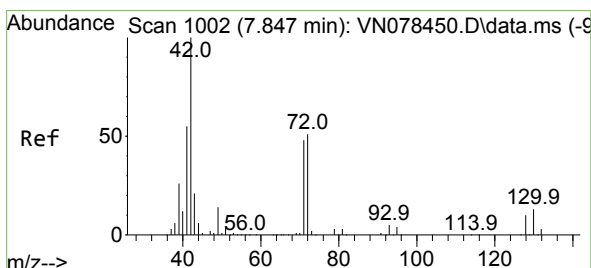
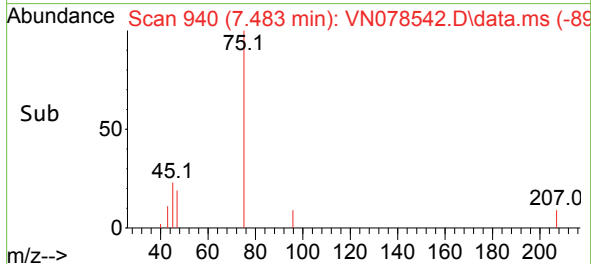
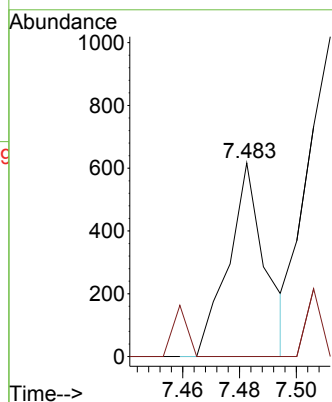
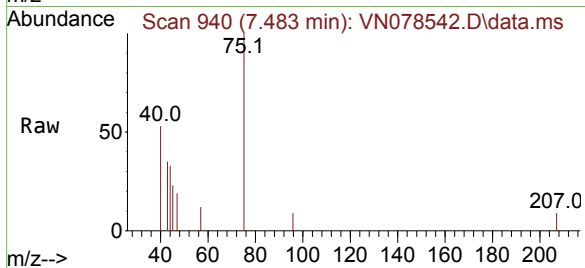
SB-09-(3-5)ME

Tgt Ion: 43 Resp: 555

Ion Ratio Lower Upper

43 100

72 0.0 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.283 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

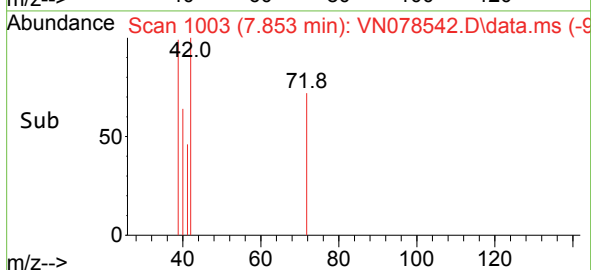
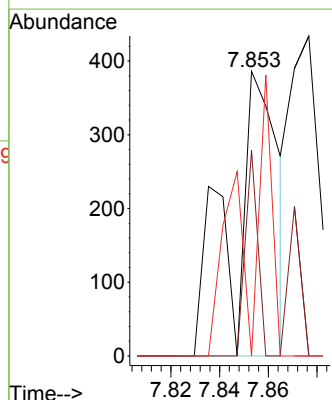
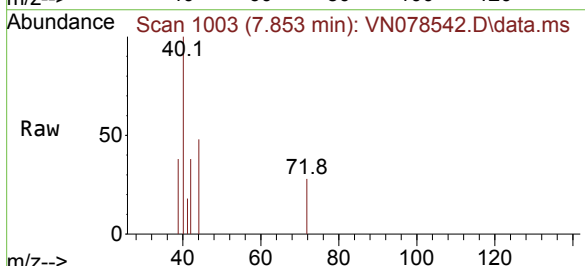
Tgt Ion: 42 Resp: 509

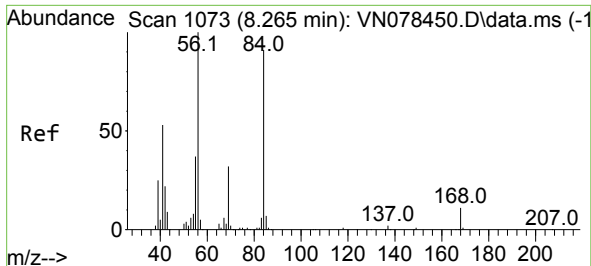
Ion Ratio Lower Upper

42 100

72 19.3 49.8 74.6#

71 29.7 47.4 71.2#

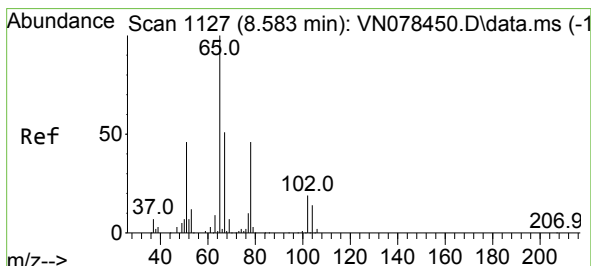
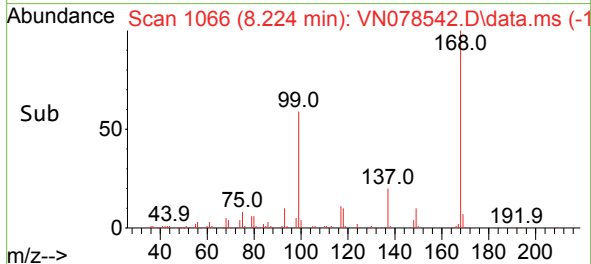
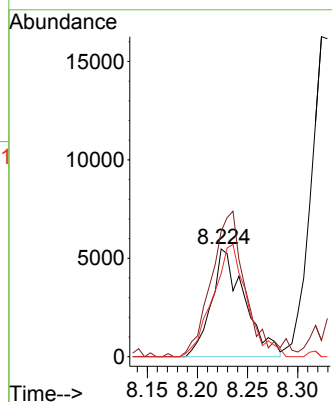
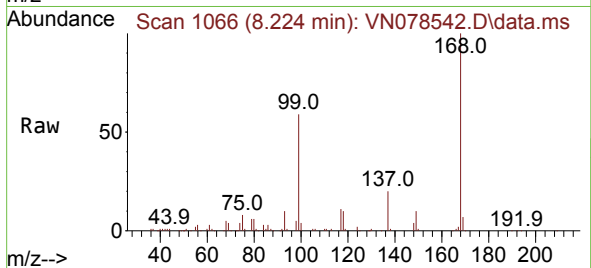




#31
Cyclohexane
Concen: 1.666 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

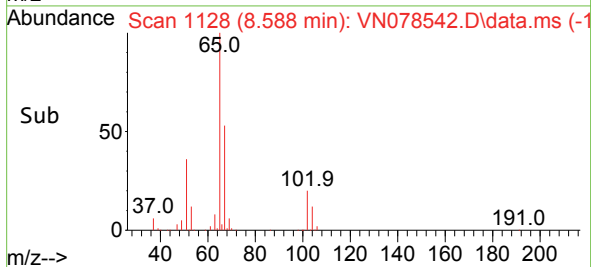
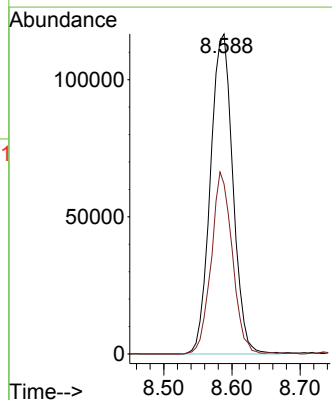
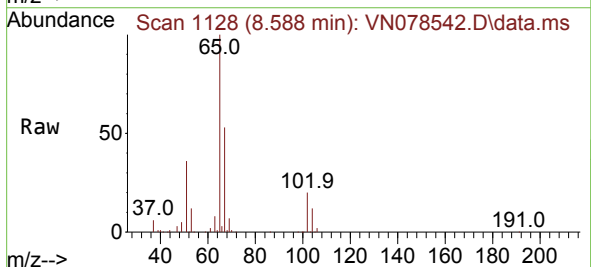
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

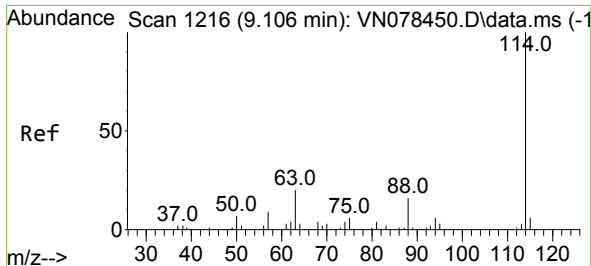
Tgt Ion: 56 Resp: 12568
Ion Ratio Lower Upper
56 100
69 116.3 26.8 40.2#
84 77.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 48.002 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 65 Resp: 267923
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

SB-09-(3-5)ME

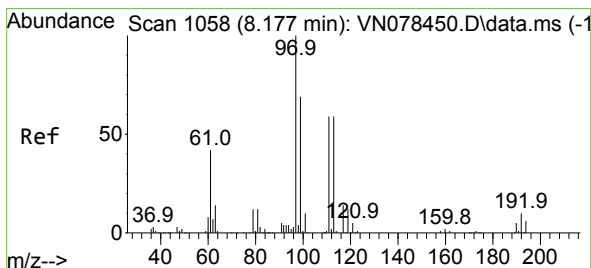
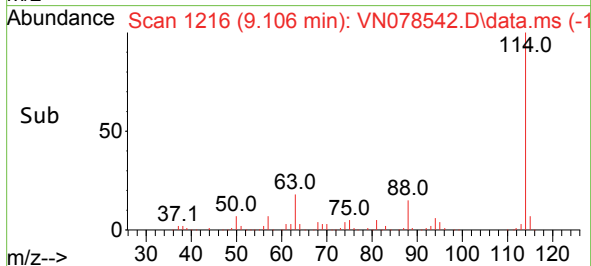
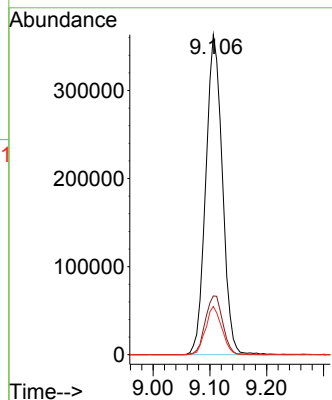
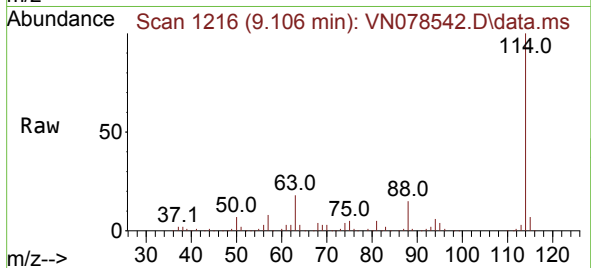
Tgt Ion:114 Resp: 734876

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.451 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

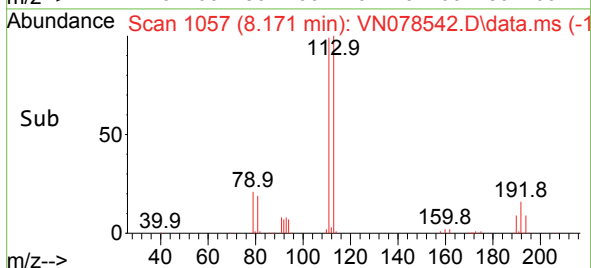
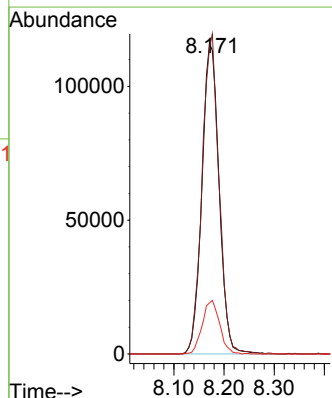
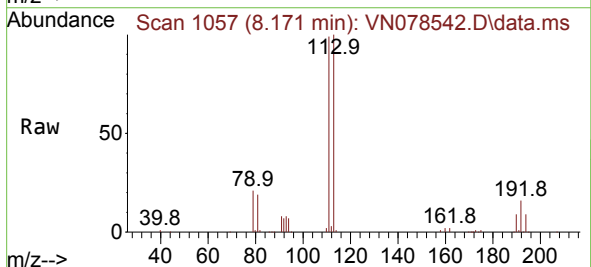
Tgt Ion:113 Resp: 276623

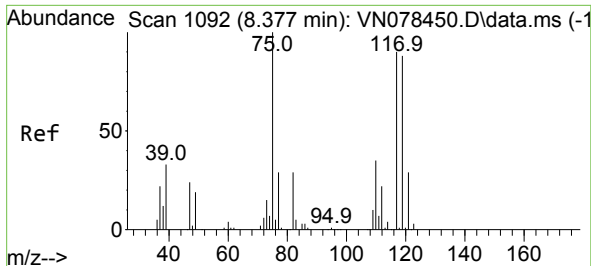
Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 17.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

SB-09-(3-5)ME

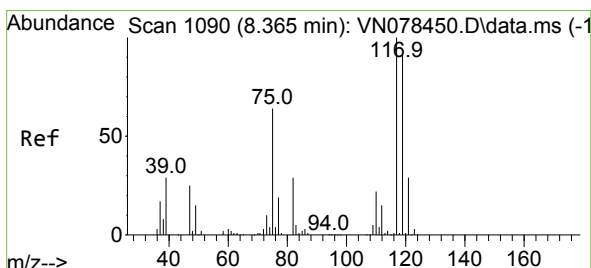
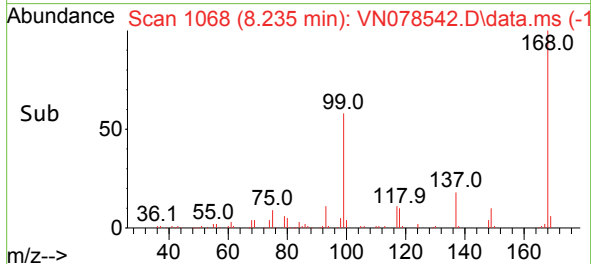
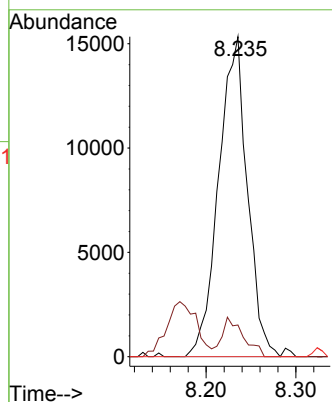
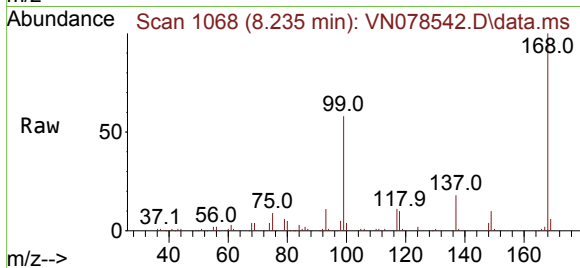
Tgt Ion: 75 Resp: 34041

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

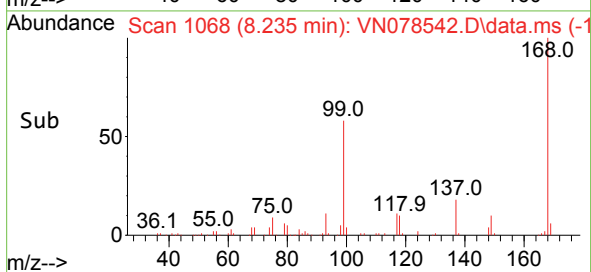
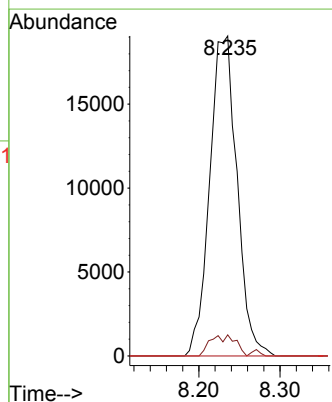
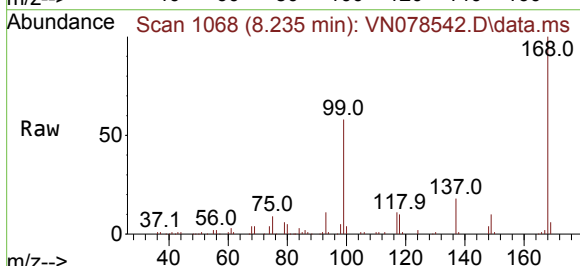
Tgt Ion: 117 Resp: 44596

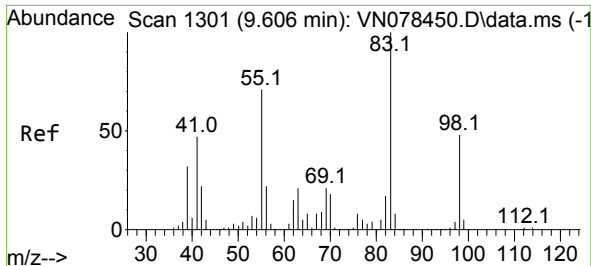
Ion Ratio Lower Upper

117 100

119 6.6 77.3 115.9#

121 0.0 23.3 34.9#

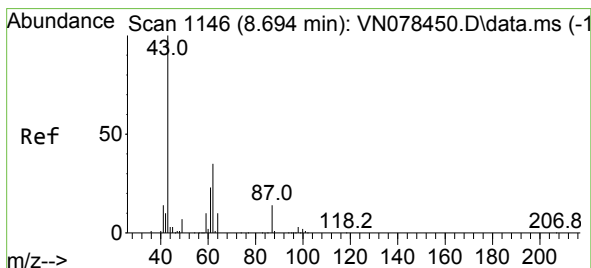
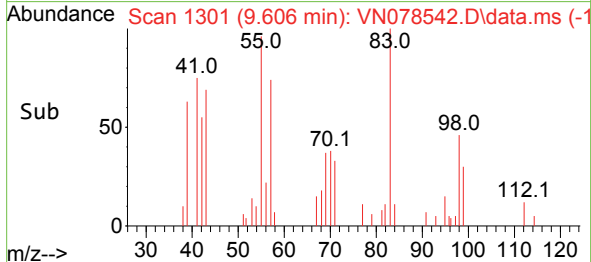
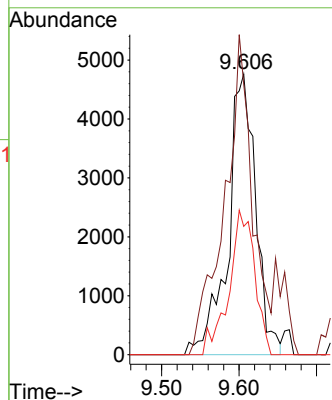
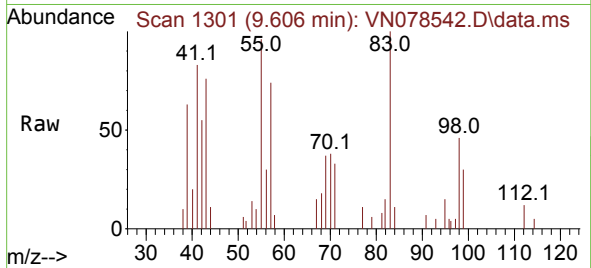




#39
Methylcyclohexane
Concen: 1.799 ug/l
RT: 9.606 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

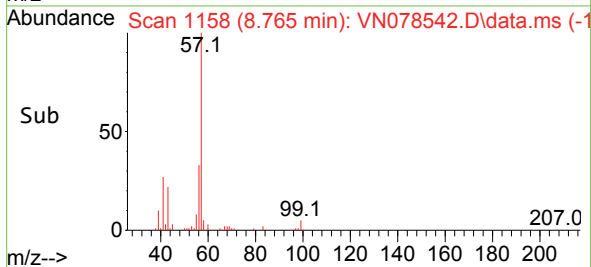
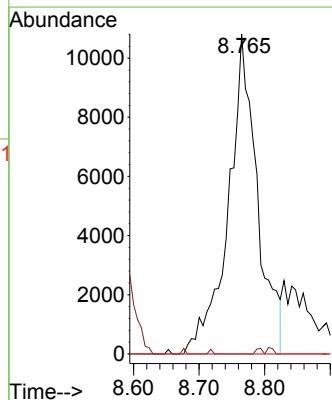
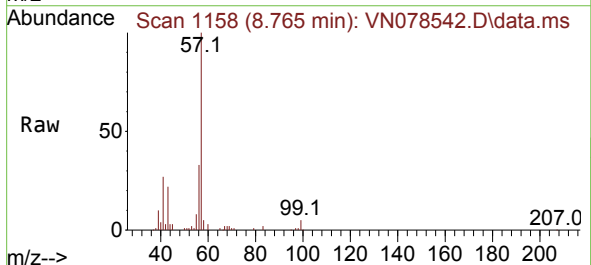
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

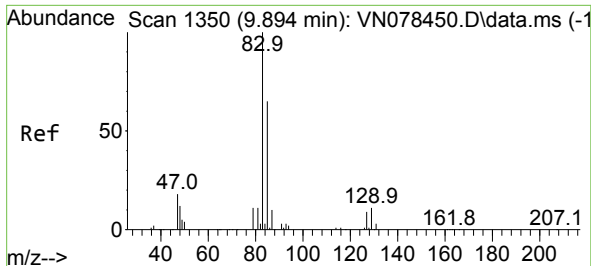
Tgt Ion: 83 Resp: 11826
Ion Ratio Lower Upper
83 100
55 96.3 49.1 73.7#
98 45.7 40.6 61.0



#43
Isopropyl Acetate
Concen: 3.361 ug/l
RT: 8.765 min Scan# 1158
Delta R.T. 0.071 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 43 Resp: 33226
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

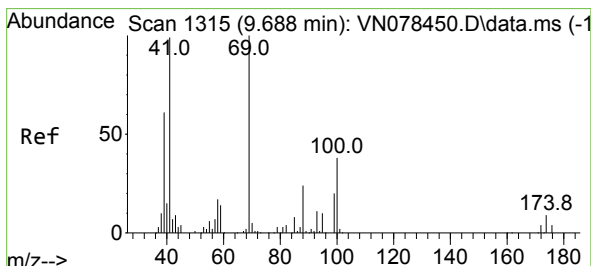
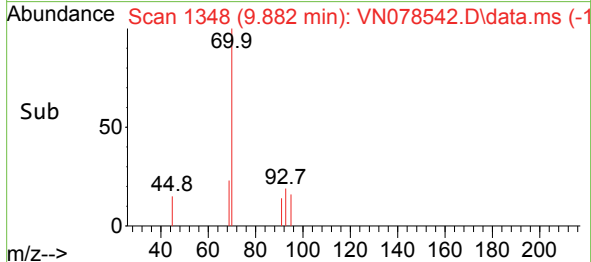
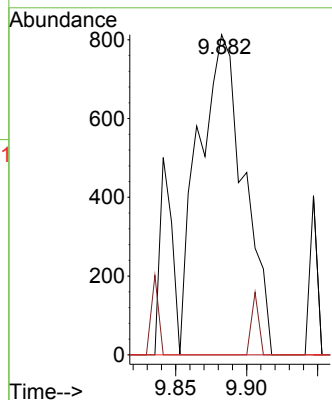
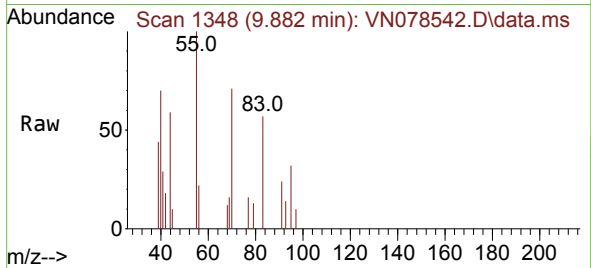




#47
Bromodichloromethane
Concen: 0.238 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

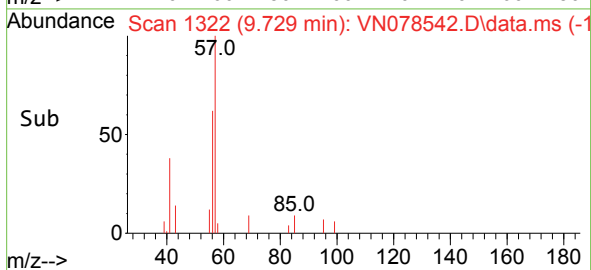
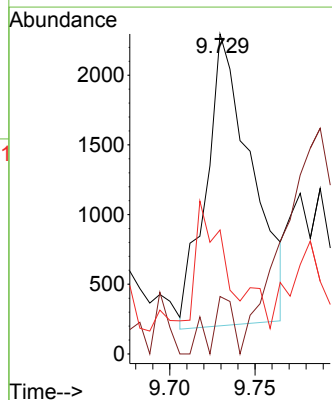
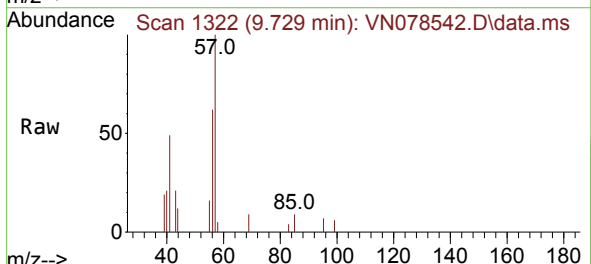
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

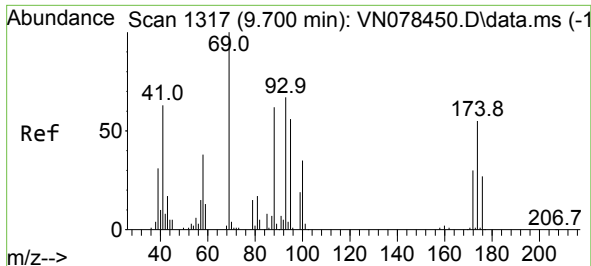
Tgt Ion: 83 Resp: 1815
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.849 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. 0.041 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 41 Resp: 3888
Ion Ratio Lower Upper
41 100
69 9.6 90.4 135.6#
39 30.8 54.6 81.8#





#49

1,4-Dioxane

Concen: 2.473 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078542.D

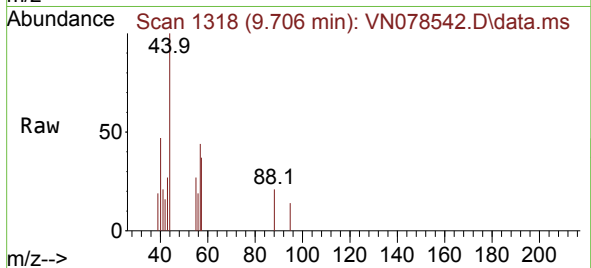
Acq: 17 Jul 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

SB-09-(3-5)ME



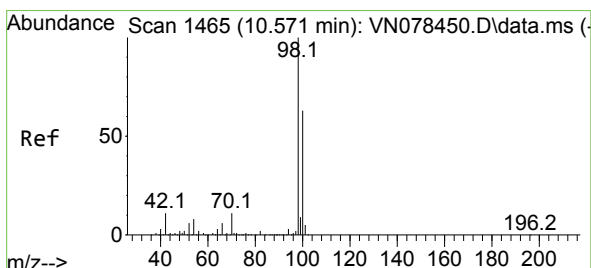
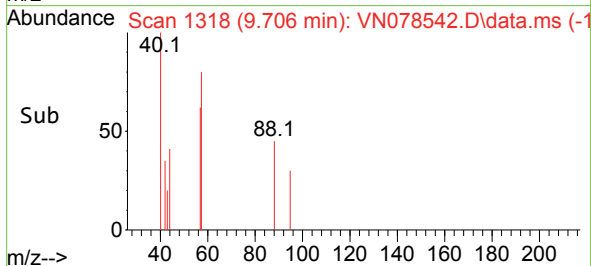
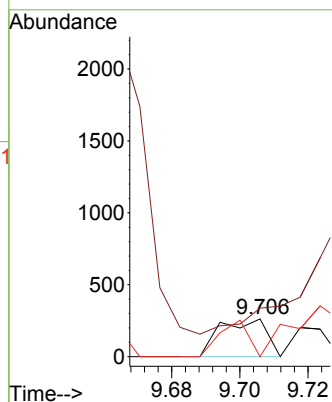
Tgt Ion: 88 Resp: 247

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 59.9 47.0 70.4



#50

Toluene-d8

Concen: 46.669 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078542.D

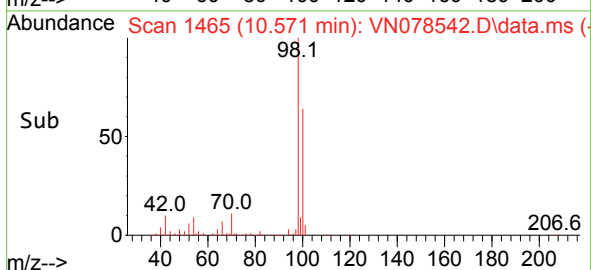
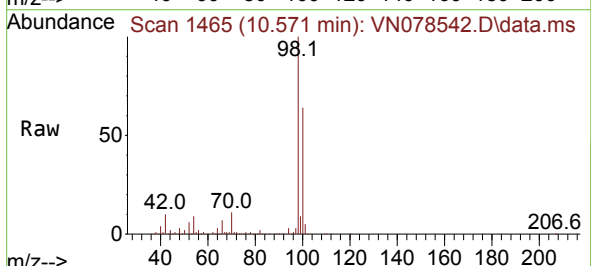
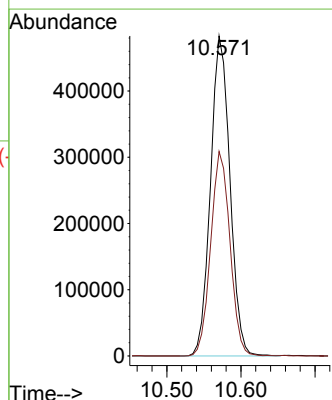
Acq: 17 Jul 2023 14:49

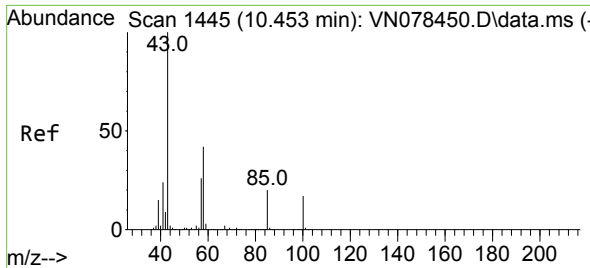
Tgt Ion: 98 Resp: 879493

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

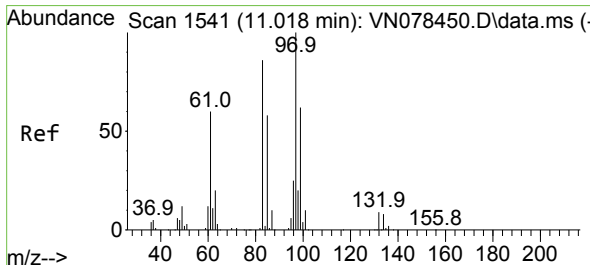
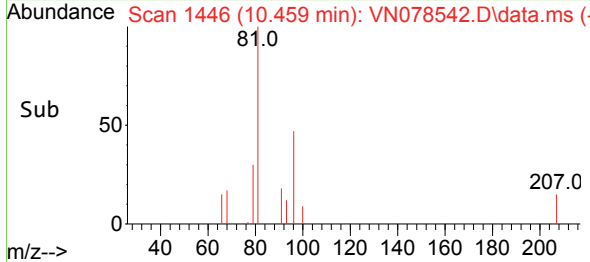
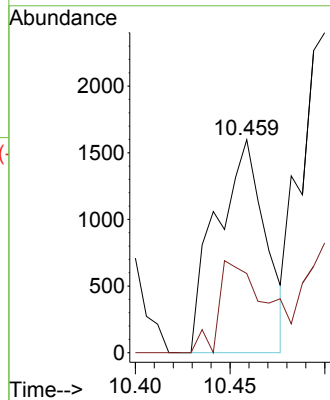
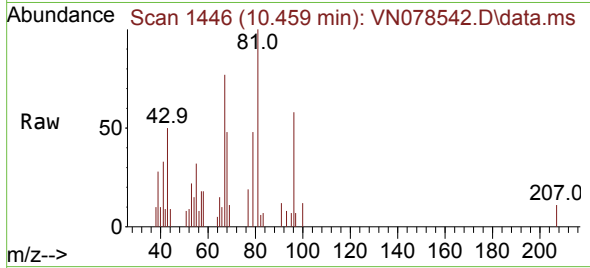




#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

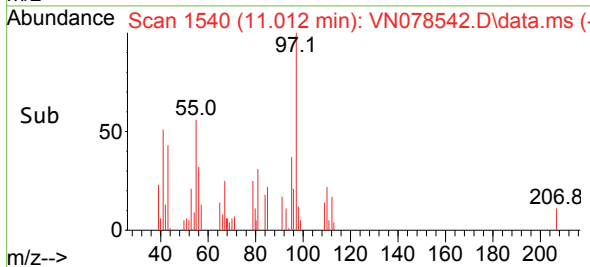
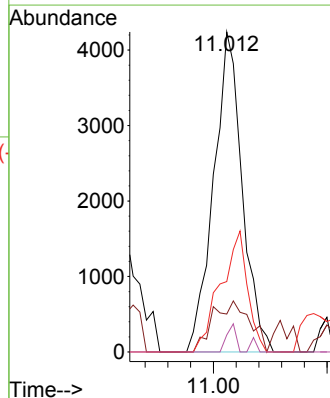
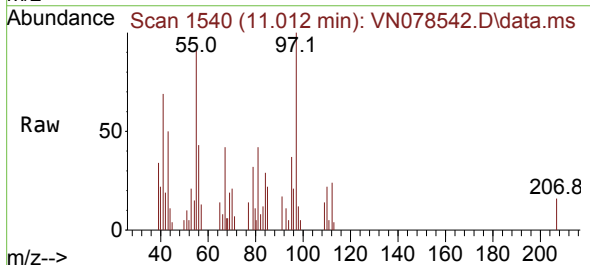
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

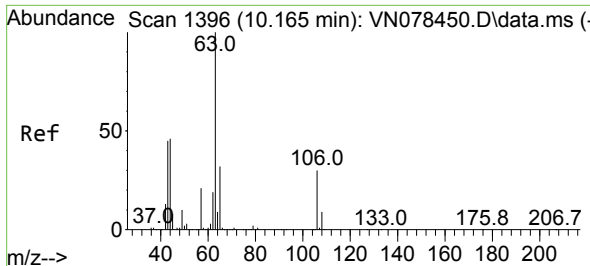
Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
58 42.9 36.6 54.8



#55
1,1,2-Trichloroethane
Concen: 1.422 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 97 Resp: 7411
Ion Ratio Lower Upper
97 100
83 11.9 65.1 97.7#
85 22.0 43.4 65.2#
99 5.3 49.2 73.8#

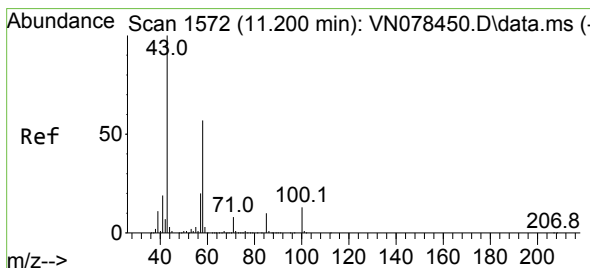
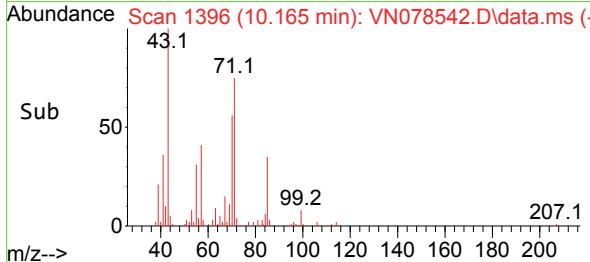
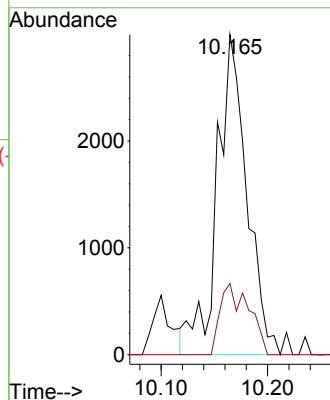
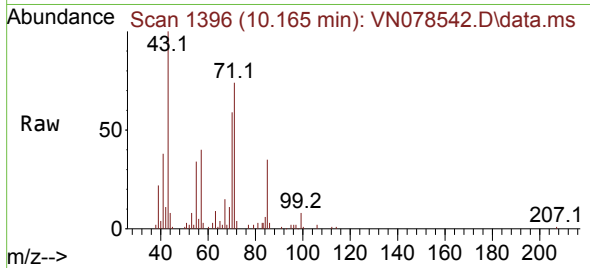




#58
2-Chloroethyl Vinyl ether
Concen: 2.241 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

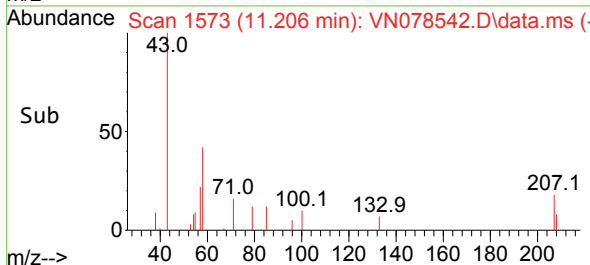
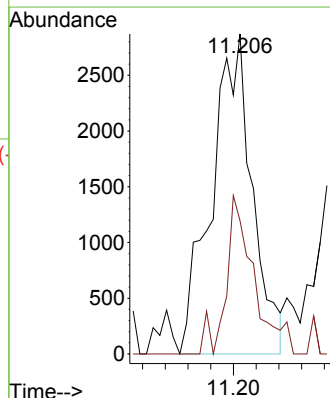
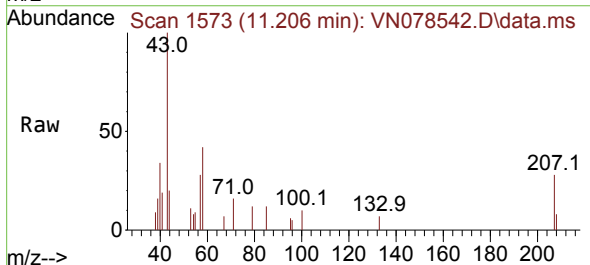
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

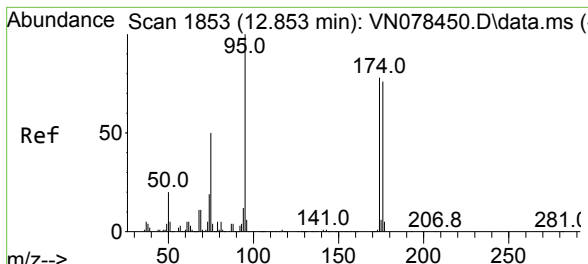
Tgt Ion: 63 Resp: 5818
Ion Ratio Lower Upper
63 100
106 21.4 26.2 39.4#



#59
2-Hexanone
Concen: 1.706 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 43 Resp: 7128
Ion Ratio Lower Upper
43 100
58 33.8 31.7 95.1



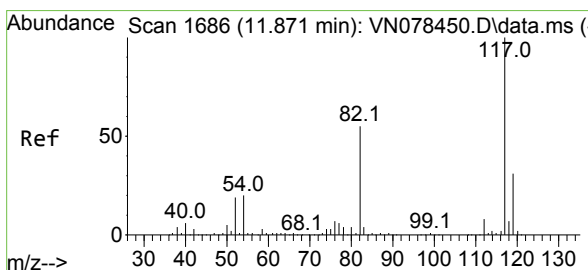
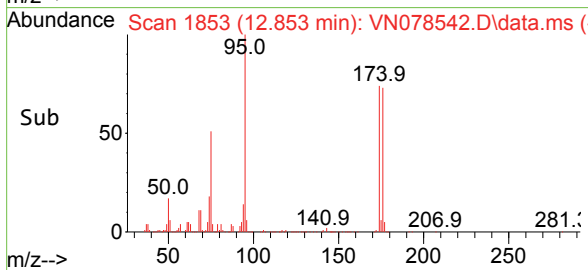
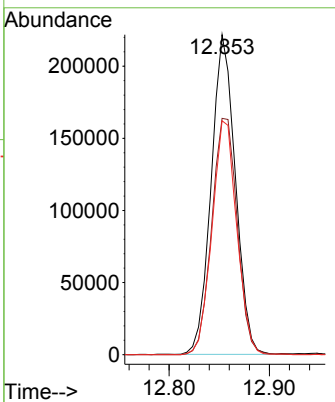
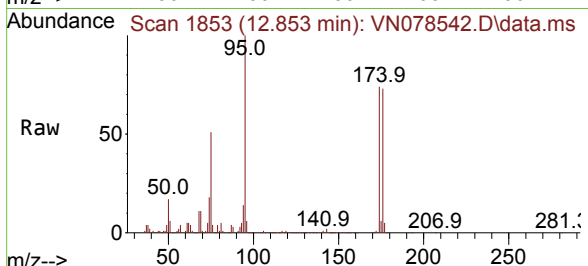


#62
 4-Bromofluorobenzene
 Concen: 63.789 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078542.D
 Acq: 17 Jul 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-09-(3-5)ME

Tgt Ion: 95 Resp: 370279

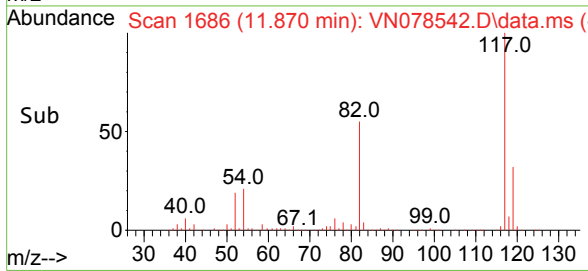
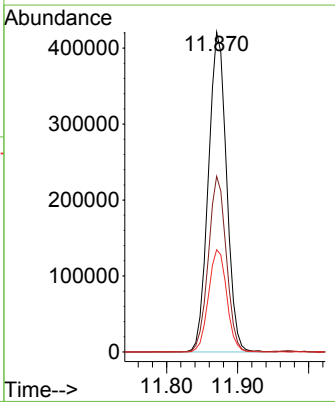
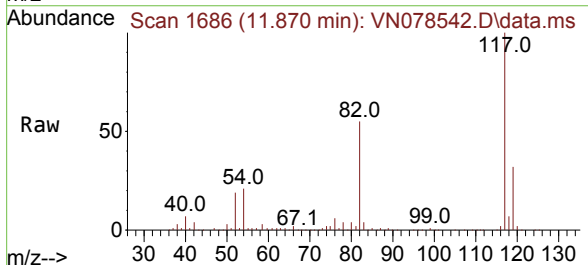
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	143.8
176	75.0	0.0	135.8

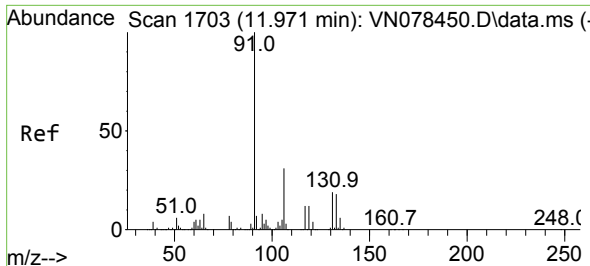


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN078542.D
 Acq: 17 Jul 2023 14:49

Tgt Ion: 117 Resp: 745600

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.0	66.0
119	31.9	25.6	38.4

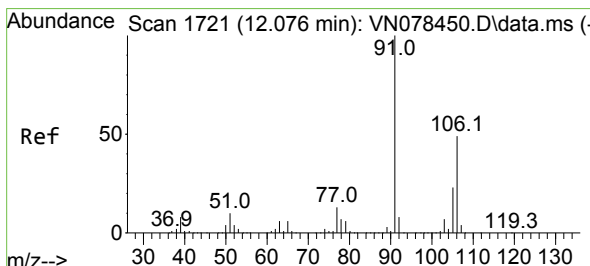
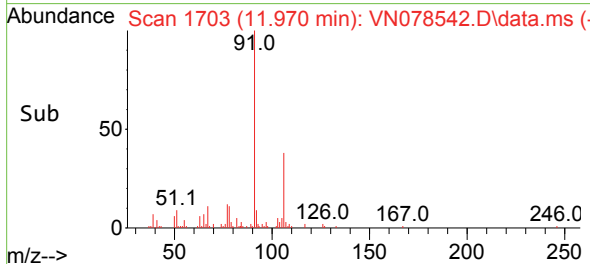
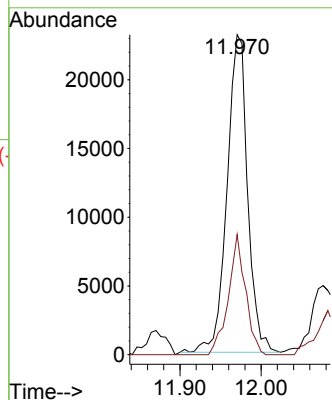
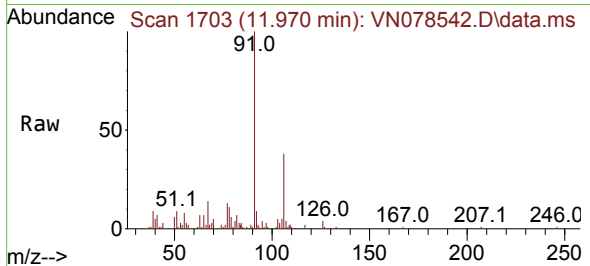




#67
Ethyl Benzene
Concen: 1.446 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

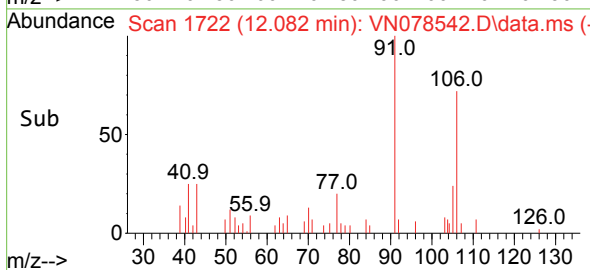
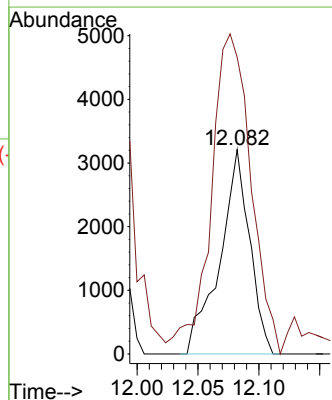
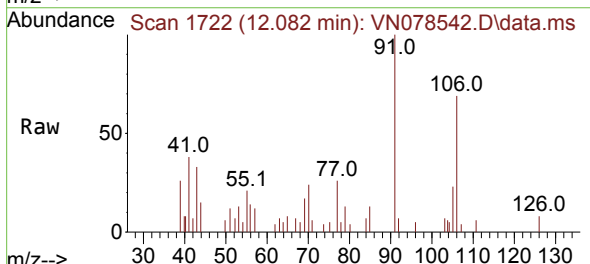
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

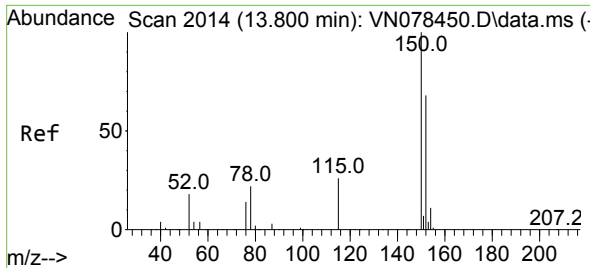
Tgt Ion: 91 Resp: 40725
Ion Ratio Lower Upper
91 100
106 37.8 25.6 38.4



#68
m/p-Xylenes
Concen: 0.527 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 106 Resp: 5485
Ion Ratio Lower Upper
106 100
91 208.2 159.6 239.4

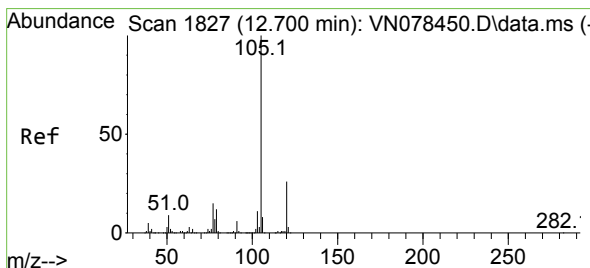
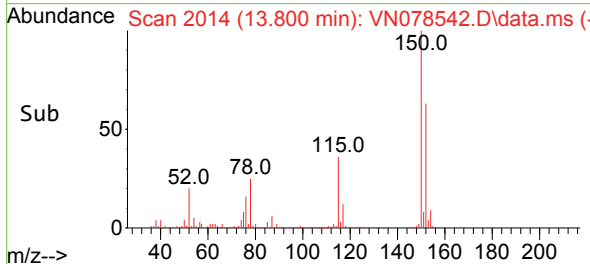
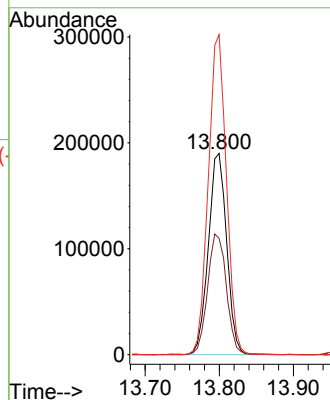
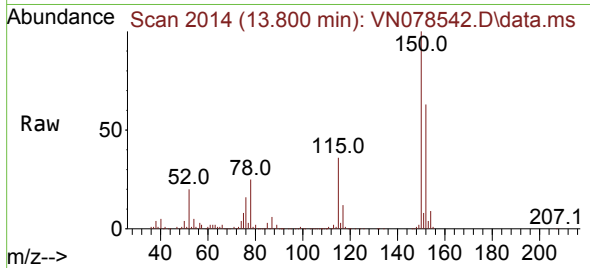




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

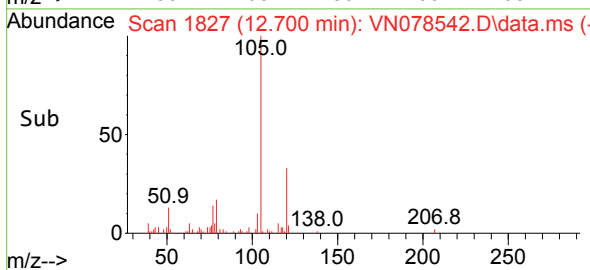
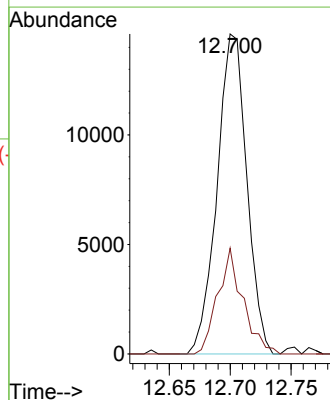
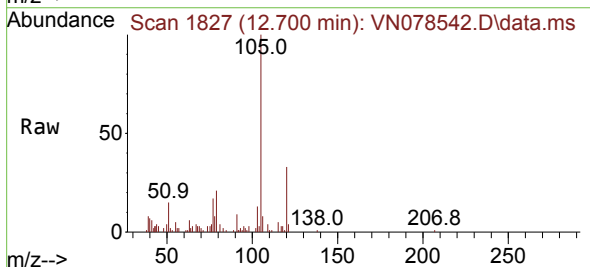
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

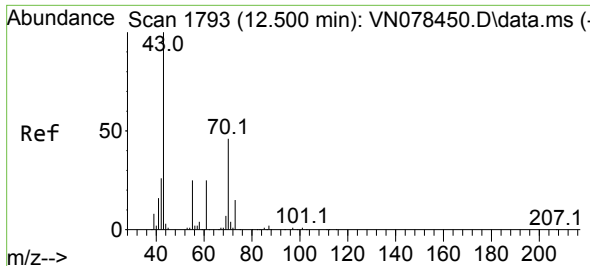
Tgt Ion:152 Resp: 326825
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 156.6 0.0 355.8



#73
Isopropylbenzene
Concen: 0.808 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion:105 Resp: 24812
Ion Ratio Lower Upper
105 100
120 28.0 13.1 39.1

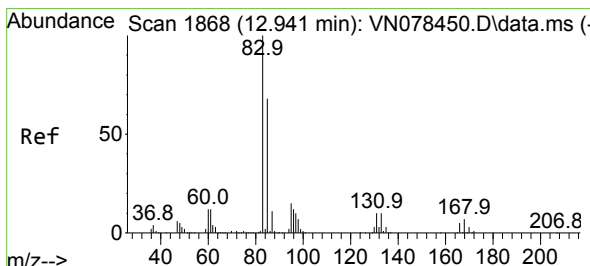
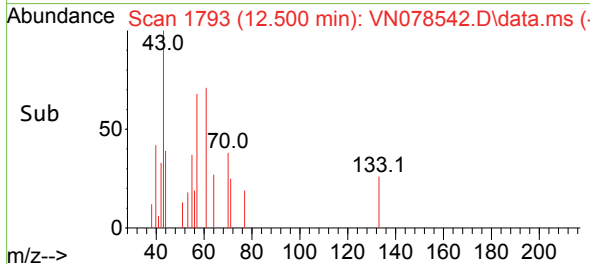
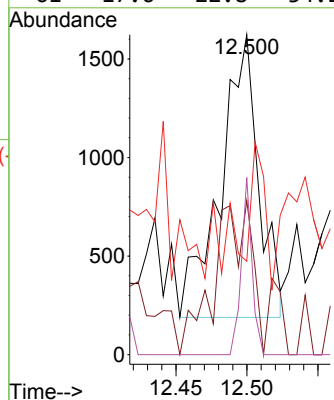
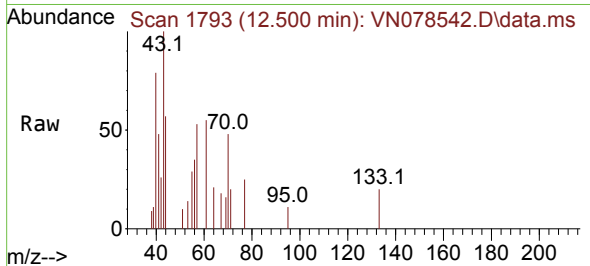




#74
N-amy1 acetate
Concen: 0.254 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

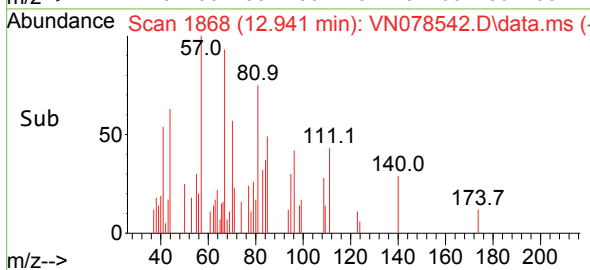
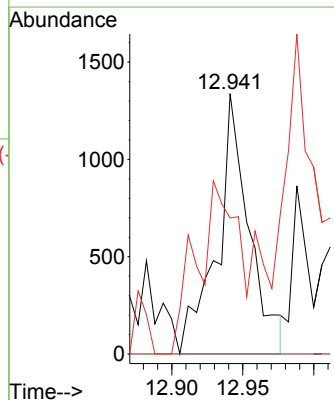
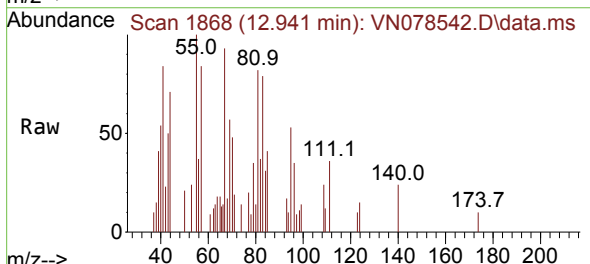
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

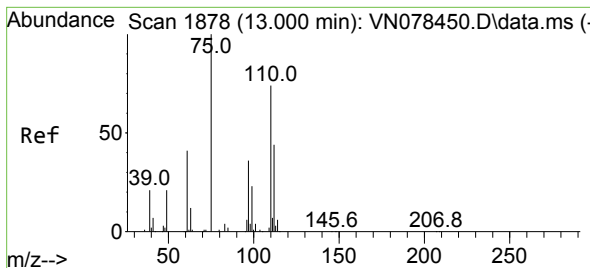
Tgt Ion: 43	Resp: 2687
Ion Ratio	Lower Upper
43 100	
70 53.0	43.4 65.2
55 17.5	21.4 32.0#
61 17.6	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 83	Resp: 2094
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 84.5	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 24.449 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

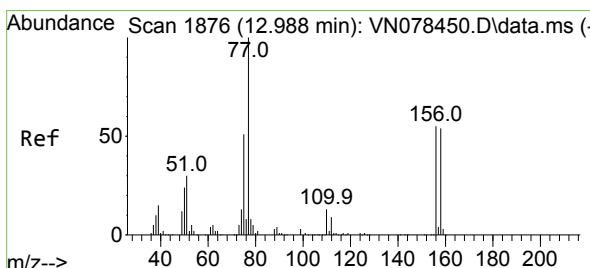
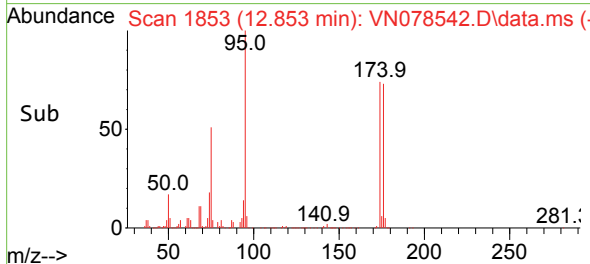
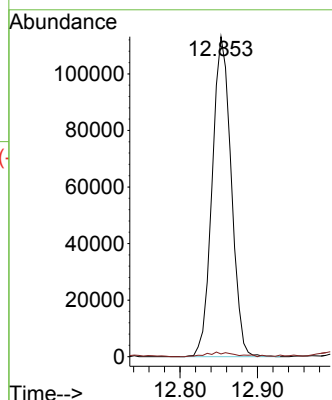
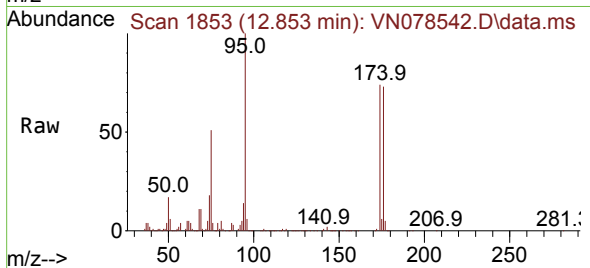
SB-09-(3-5)ME

Tgt Ion: 75 Resp: 193144

Ion Ratio Lower Upper

75 100

77 1.8 84.5 253.5#



#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

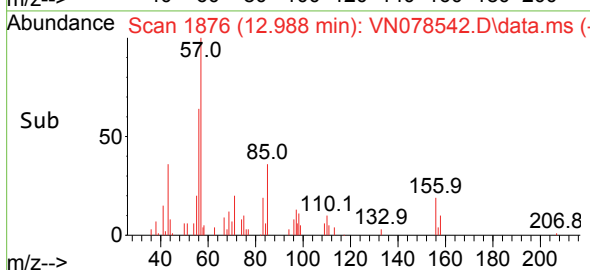
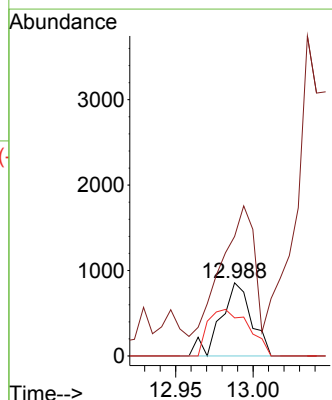
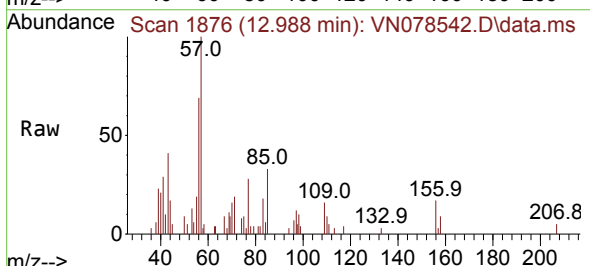
Tgt Ion:156 Resp: 1180

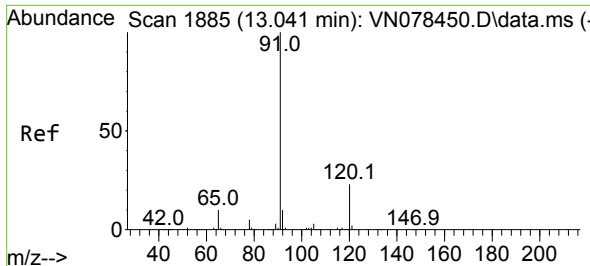
Ion Ratio Lower Upper

156 100

77 205.3 107.7 323.3

158 84.7 48.4 145.3

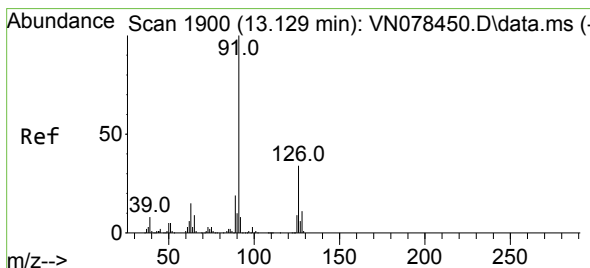
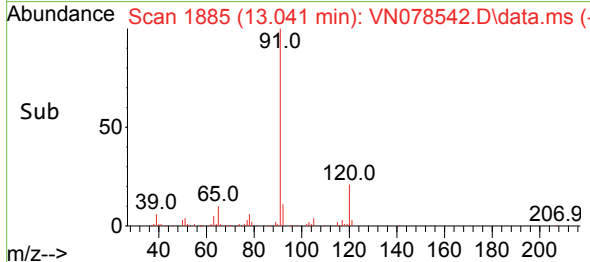
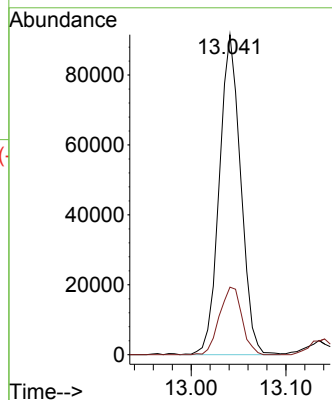
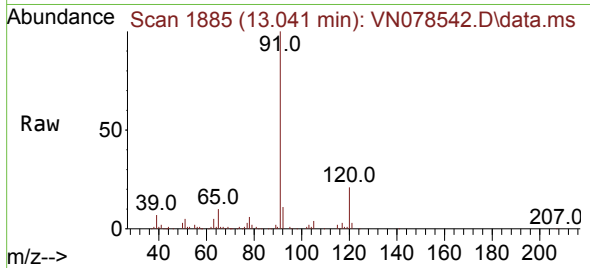




#78
n-propylbenzene
Concen: 4.378 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

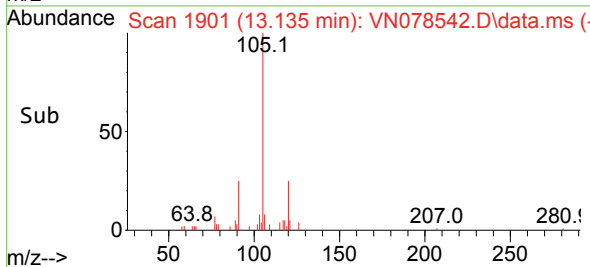
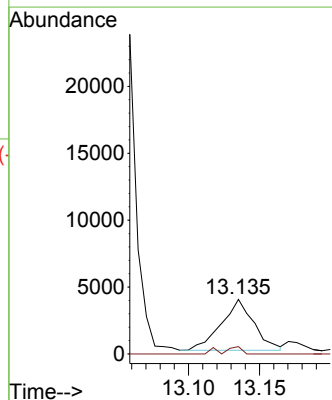
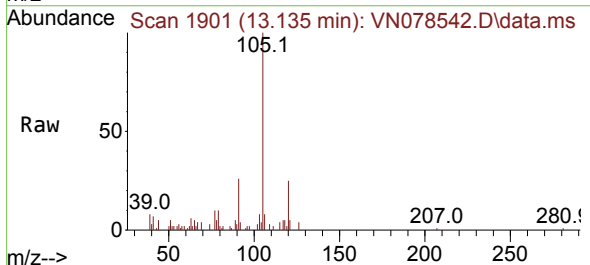
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

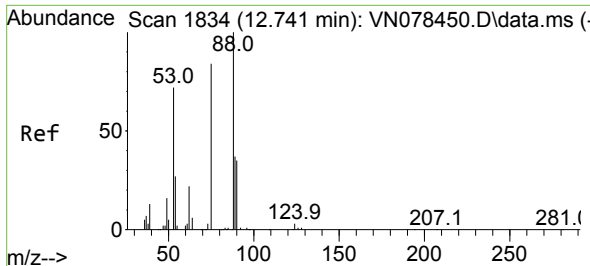
Tgt Ion: 91 Resp: 143794
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.281 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 91 Resp: 6049
Ion Ratio Lower Upper
91 100
126 8.5 16.3 48.8#

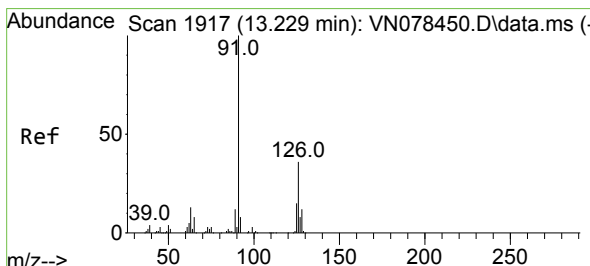
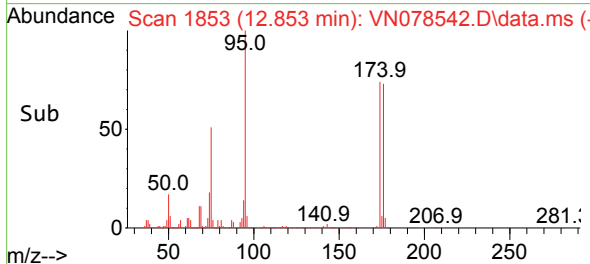
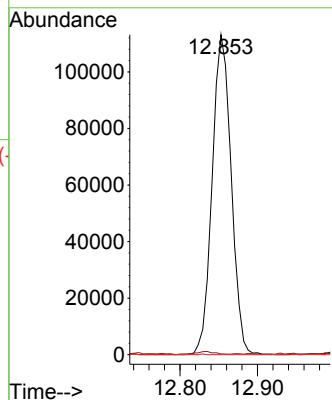
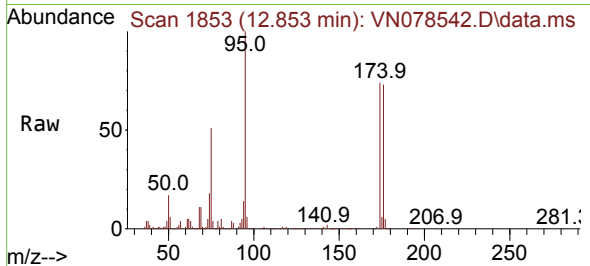




#81
trans-1,4-Dichloro-2-butene
Concen: 64.248 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

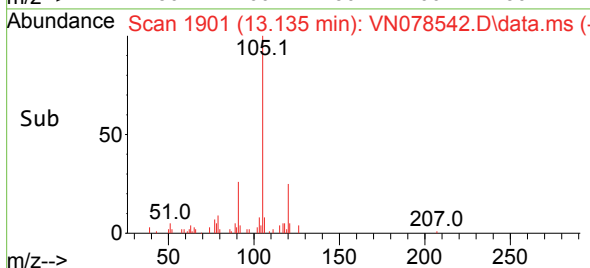
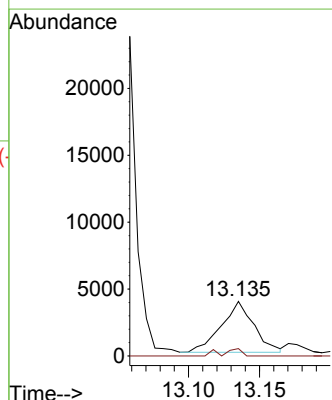
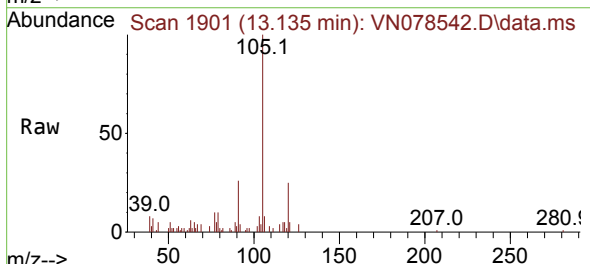
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

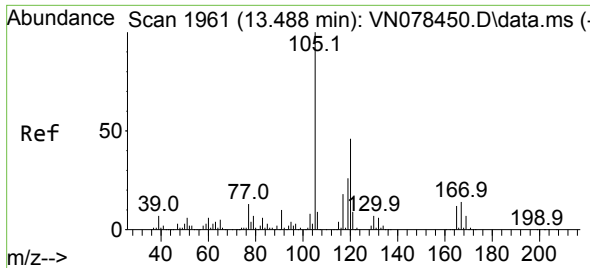
Tgt Ion: 75 Resp: 193144
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.301 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. -0.094 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 91 Resp: 6049
Ion Ratio Lower Upper
91 100
126 8.5 16.7 50.0#

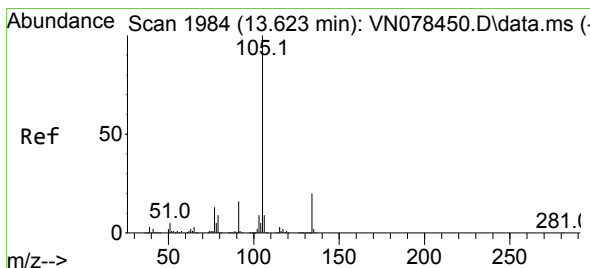
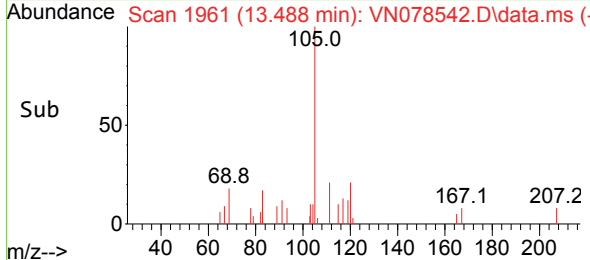
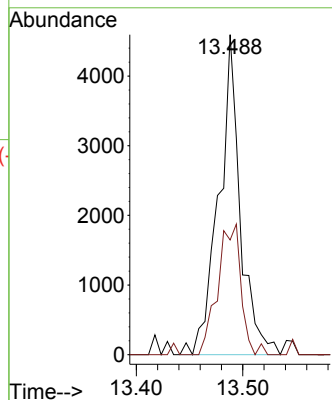
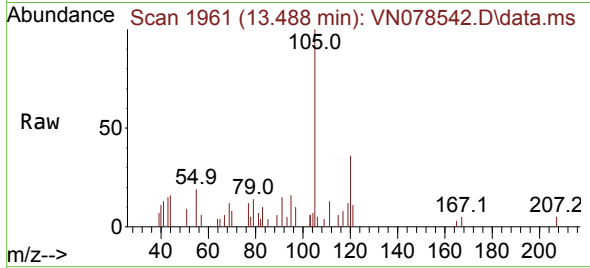




#84
1,2,4-Trimethylbenzene
Concen: 0.273 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

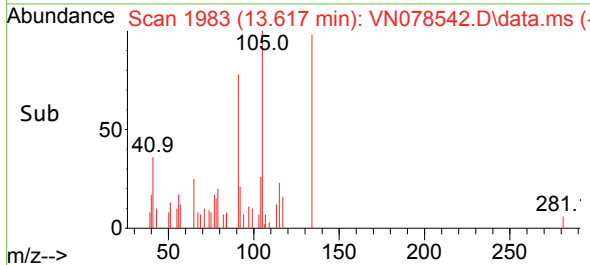
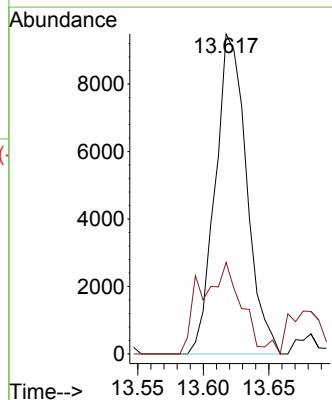
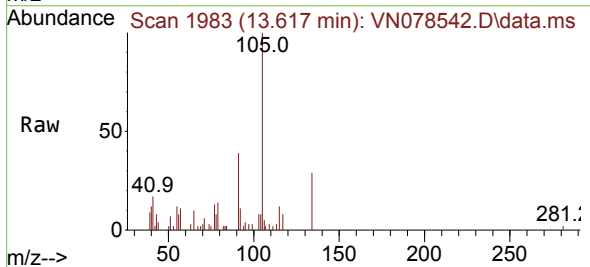
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

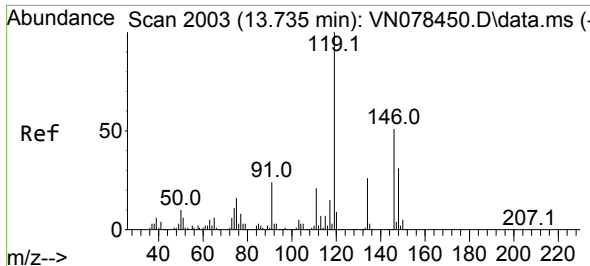
Tgt Ion:105 Resp: 6440
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.604 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion:105 Resp: 15740
Ion Ratio Lower Upper
105 100
134 36.2 9.8 29.3#

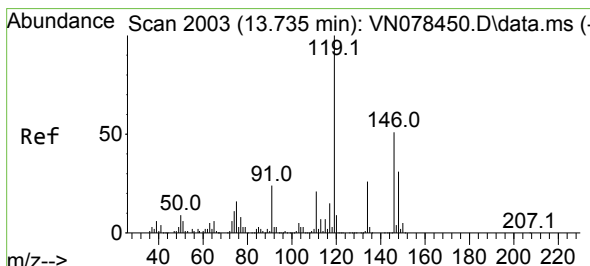
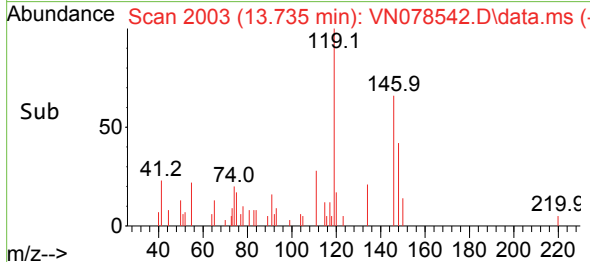
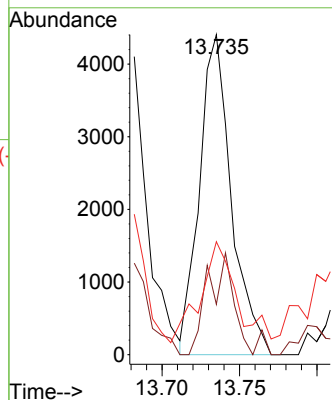
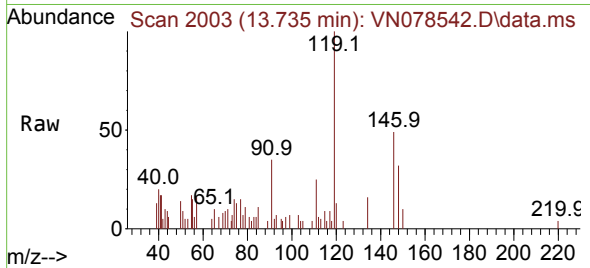




#86
 p-Isopropyltoluene
 Concen: 0.302 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078542.D
 Acq: 17 Jul 2023 14:49

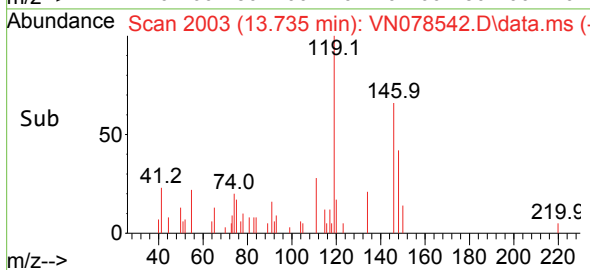
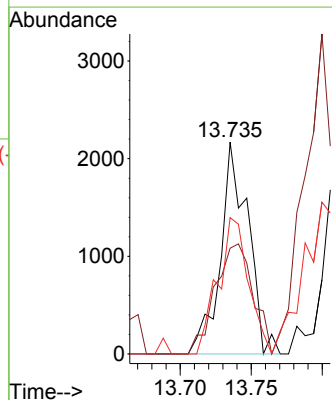
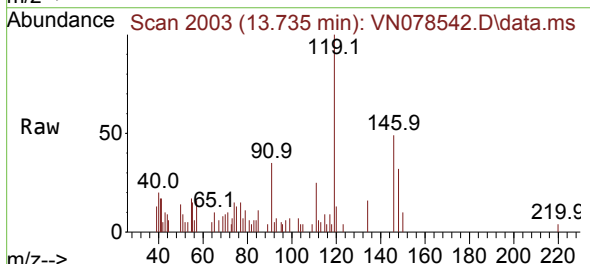
Instrument :
 MSVOA_N
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 SB-09-(3-5)ME

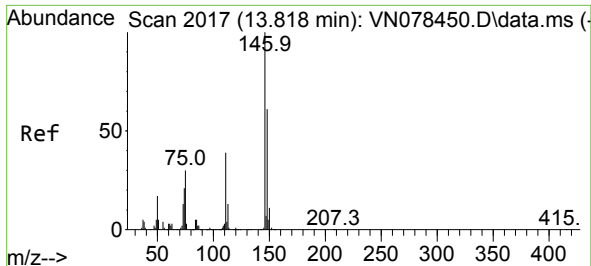
Tgt Ion:119 Resp: 6308
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 35.1 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.248 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078542.D
 Acq: 17 Jul 2023 14:49

Tgt Ion:146 Resp: 2921
 Ion Ratio Lower Upper
 146 100
 111 71.6 22.1 66.3#
 148 71.5 32.0 96.0

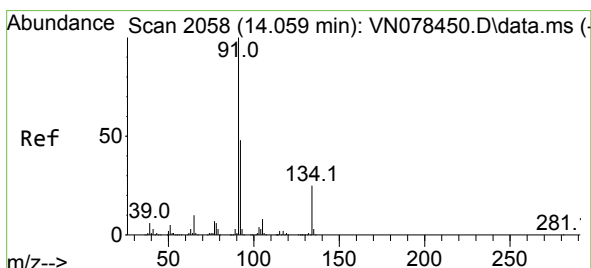
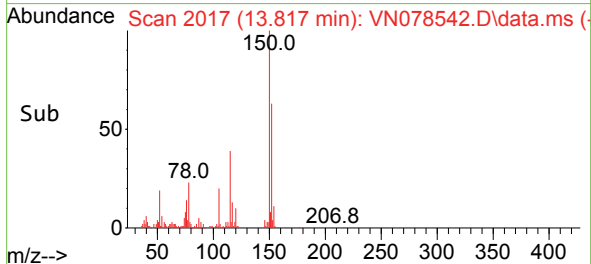
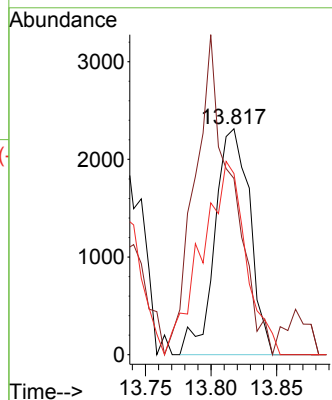
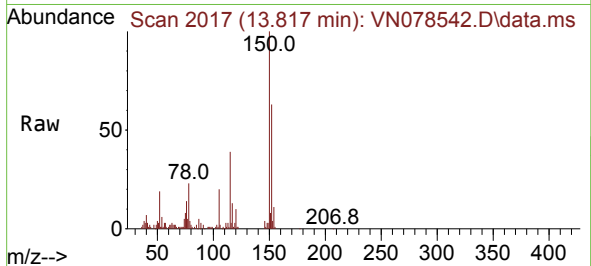




#88
1,4-Dichlorobenzene
Concen: 0.361 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

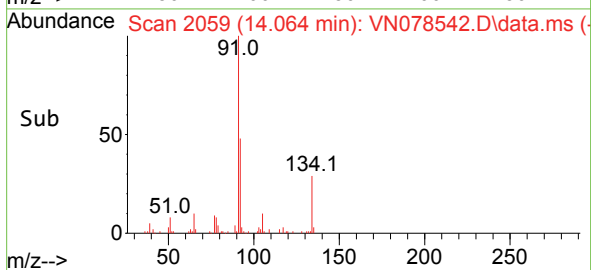
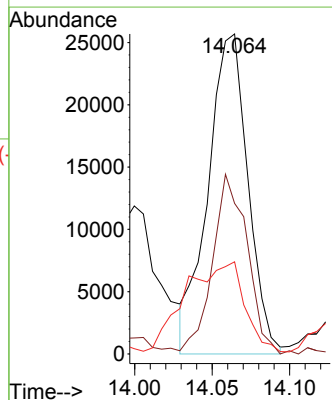
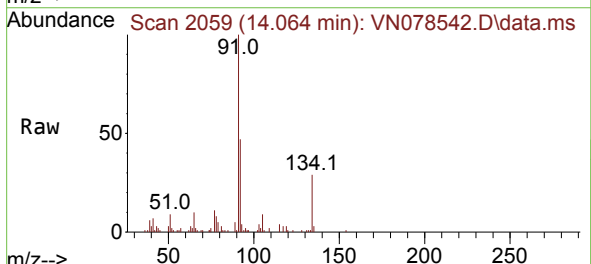
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

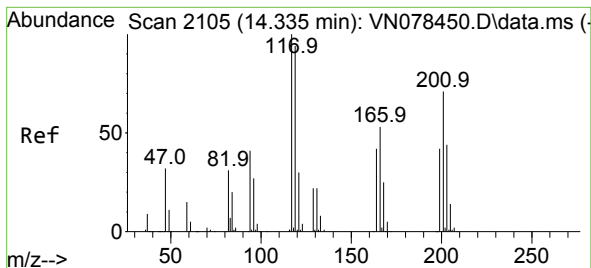
Tgt Ion:146 Resp: 4292
Ion Ratio Lower Upper
146 100
111 148.5 20.6 61.8#
148 107.5 31.6 94.8#



#89
n-Butylbenzene
Concen: 3.078 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 91 Resp: 46042
Ion Ratio Lower Upper
91 100
92 49.3 26.4 79.0
134 43.5 12.6 37.6#





#90

Hexachloroethane

Concen: 4.351 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

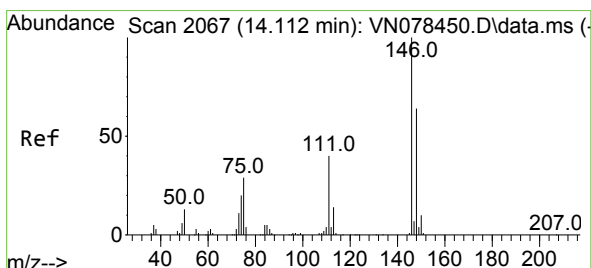
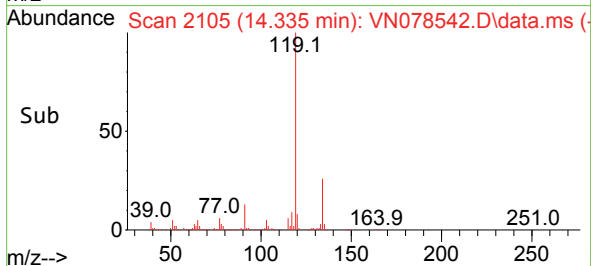
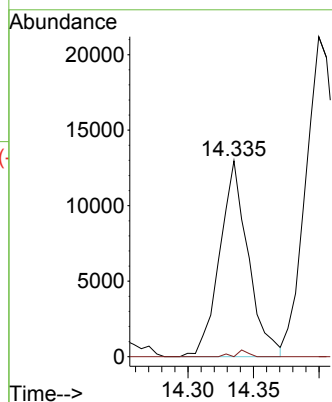
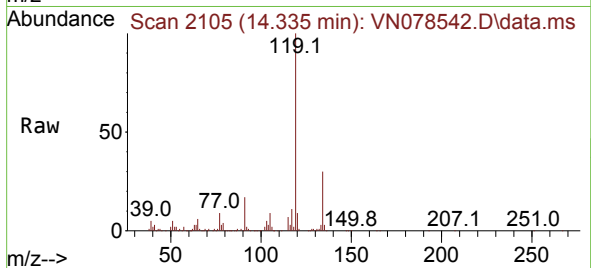
SB-09-(3-5)ME

Tgt Ion:117 Resp: 19583

Ion Ratio Lower Upper

117 100

201 1.5 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.281 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078542.D

Acq: 17 Jul 2023 14:49

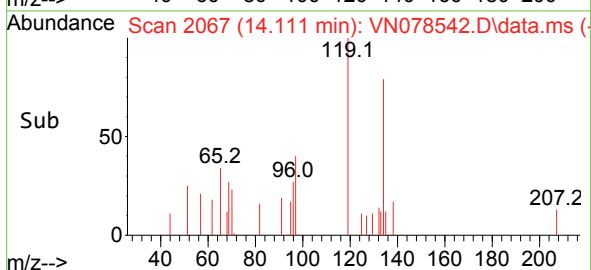
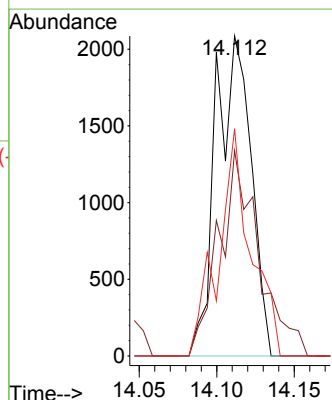
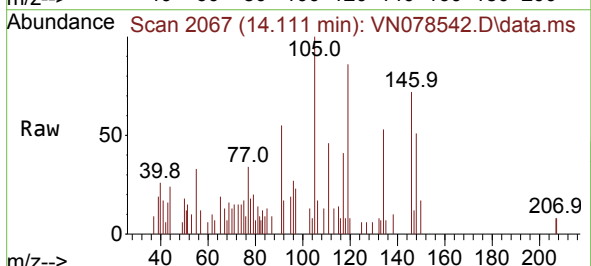
Tgt Ion:146 Resp: 3296

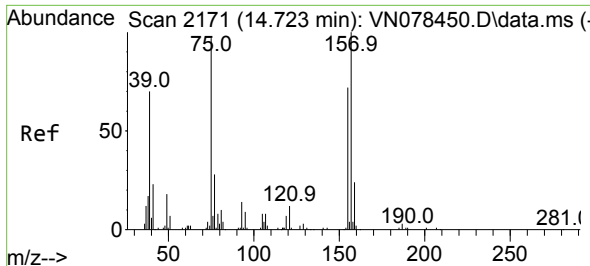
Ion Ratio Lower Upper

146 100

111 72.3 22.0 66.0#

148 65.2 31.8 95.3

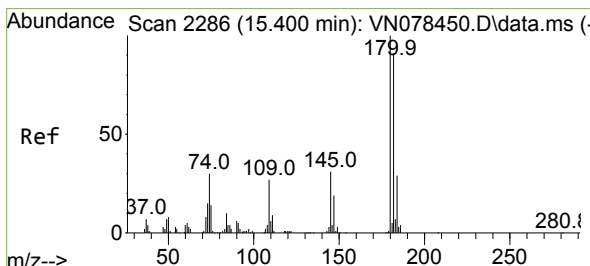
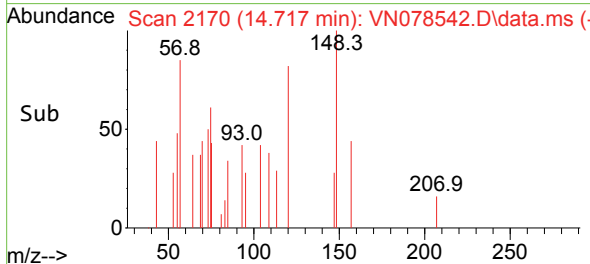
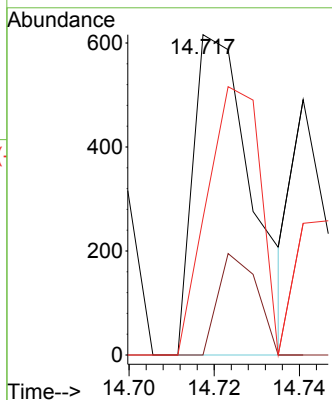
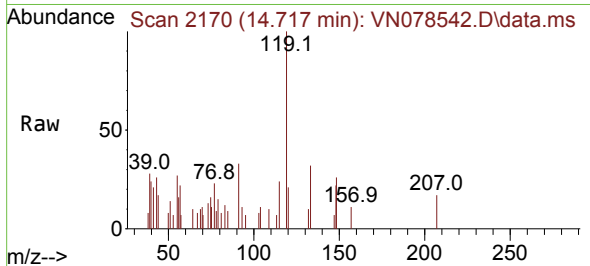




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.717 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

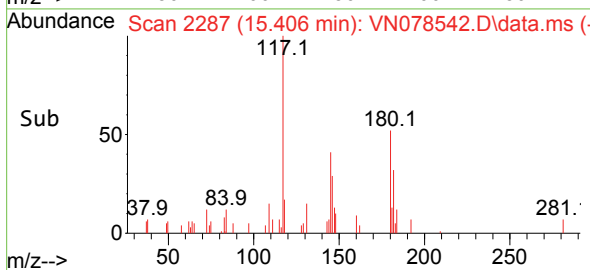
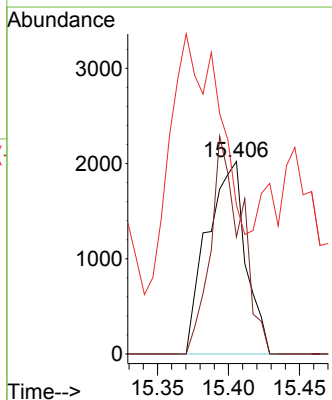
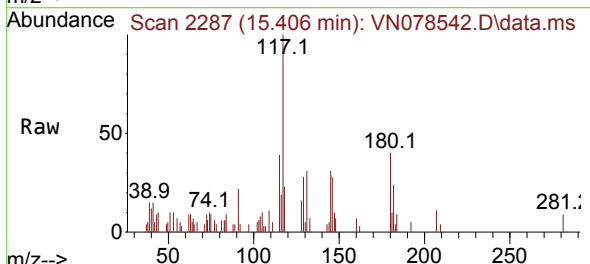
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

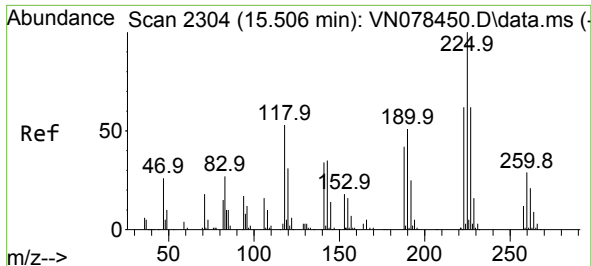
Tgt Ion: 75 Resp: 595
Ion Ratio Lower Upper
75 100
155 20.8 39.1 117.2#
157 105.5 50.3 150.9



#93
1,2,4-Trichlorobenzene
Concen: 1.019 ug/l
RT: 15.406 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

Tgt Ion: 180 Resp: 3814
Ion Ratio Lower Upper
180 100
182 90.7 46.1 138.2
145 0.0 16.6 49.8#

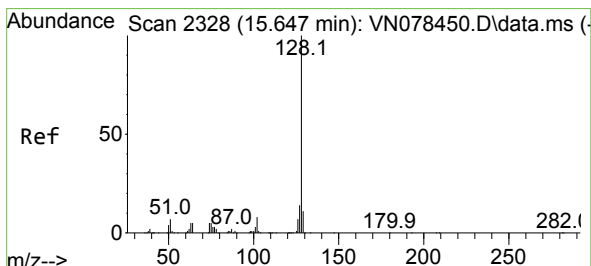
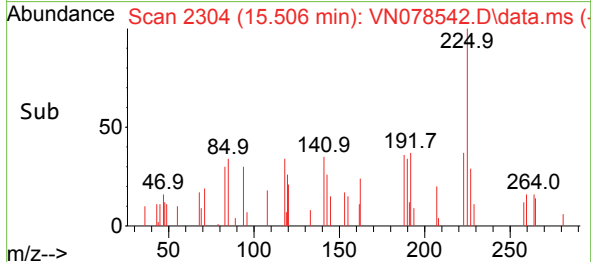
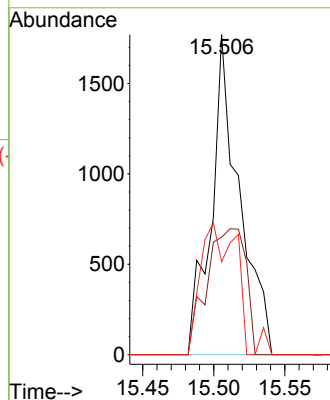
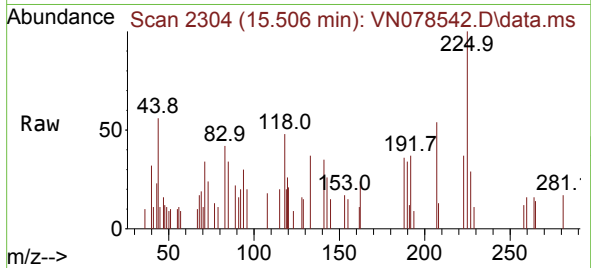




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

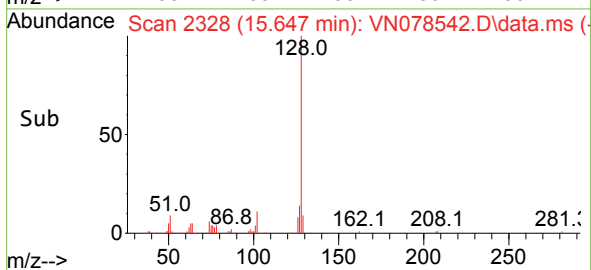
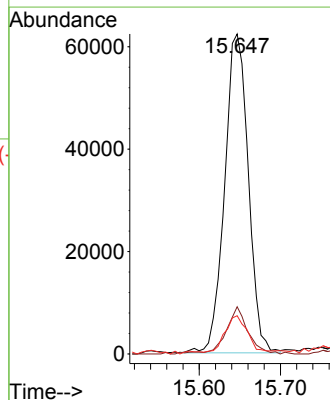
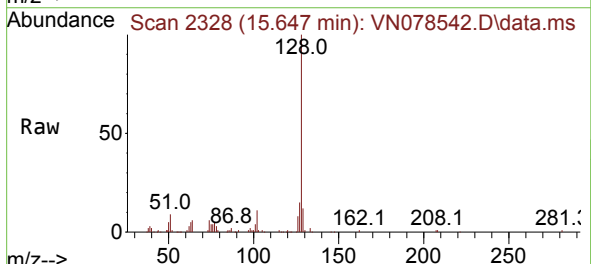
Instrument :
MSVOA_N
ClientSampleId :
SB-09-(3-5)ME

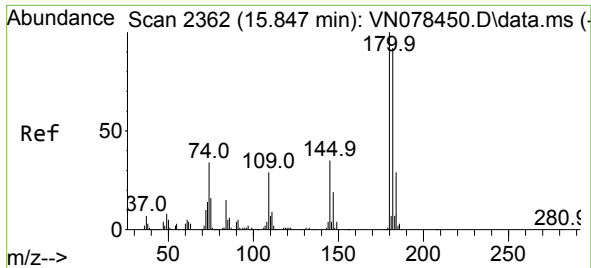
Tgt Ion:225 Resp: 2433
Ion Ratio Lower Upper
225 100
223 54.7 31.3 93.8
227 50.8 31.9 95.9



#95
Naphthalene
Concen: 9.871 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078542.D
Acq: 17 Jul 2023 14:49

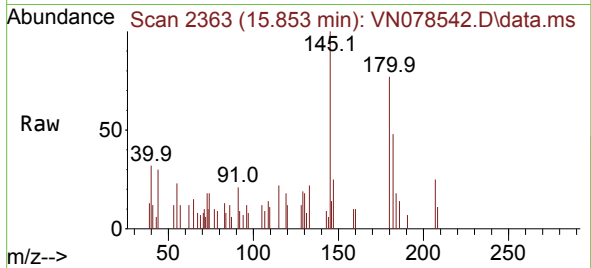
Tgt Ion:128 Resp: 126362
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.947 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078542.D
 Acq: 17 Jul 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-09-(3-5)ME



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.2	138.6
145	148.8	17.5	52.6#

