

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078636.D
 Acq On : 24 Jul 2023 14:17
 Operator : JC\MD
 Sample : 03677-01ME
 Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SWC-1ME

Quant Time: Jul 25 03:13:29 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	431928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	741857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	698106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	396040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	255594	44.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.280%
35) Dibromofluoromethane	8.171	113	269510	53.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.571	98	867898	45.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.240%
62) 4-Bromofluorobenzene	12.853	95	376990	64.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.660%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1883	0.327	ug/l	90
5) Bromomethane	2.959	94	523	Below Cal	#	15
6) Chloroethane	3.136	64	1103	Below Cal	#	43
10) Methyl Iodide	4.589	142	3070	0.474	ug/l #	62
11) Tert butyl alcohol	5.506	59	24350	27.271	ug/l #	74
13) Acrolein	4.183	56	814	0.927	ug/l #	68
14) Allyl chloride	5.024	41	1691	0.272	ug/l #	31
15) Acrylonitrile	5.730	53	1179	0.523	ug/l #	54
16) Acetone	4.459	43	37406	20.738	ug/l #	80
17) Carbon Disulfide	4.700	76	3982	0.302	ug/l #	75
18) Methyl Acetate	5.036	43	112329	14.711	ug/l	92
20) Methylene Chloride	5.271	84	4409	Below Cal	#	77
25) 2-Butanone	7.506	43	20253	7.133	ug/l	94
31) Cyclohexane	8.230	56	18207	2.327	ug/l #	66
37) Ethyl Acetate	7.506	43	20253	3.341	ug/l #	69
38) Carbon Tetrachloride	8.235	117	44945	5.687	ug/l #	15
39) Methylcyclohexane	9.606	83	14382	2.167	ug/l #	86
40) Benzene	8.606	78	10963	0.509	ug/l #	88
43) Isopropyl Acetate	8.712	43	19171	1.921	ug/l #	49
48) Methyl methacrylate	9.653	41	5220	1.129	ug/l #	34
49) 1,4-Dioxane	9.729	88	466	4.622	ug/l #	1
51) 4-Methyl-2-Pentanone	10.459	43	94484	15.917	ug/l	93
52) Toluene	10.635	92	552794	41.403	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	3265	0.621	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.165	63	2965	1.131	ug/l	98
59) 2-Hexanone	11.212	43	10586	2.509	ug/l	75
64) Tetrachloroethene	11.112	164	2062	0.393	ug/l	91
67) Ethyl Benzene	11.970	91	269939	10.234	ug/l	98
68) m/p-Xylenes	12.076	106	498148	51.081	ug/l	100
69) o-Xylene	12.406	106	287971	29.235	ug/l	98
70) Styrene	12.406	104	19999	1.298	ug/l #	1
71) Bromoform	12.588	173	1057	0.260	ug/l #	28
73) Isopropylbenzene	12.700	105	56976	1.531	ug/l	96
74) N-amyl acetate	12.465	43	3254	0.254	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.941	83	2029	Below Cal	#	33
76) 1,2,3-Trichloropropane	13.106	75	5956	0.622	ug/l #	1

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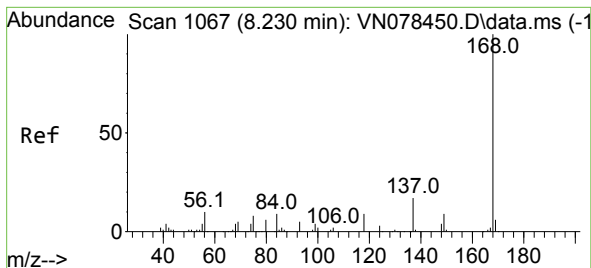
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 Response via : Initial Calibration

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

77) Bromobenzene	12.988	156	1324	Below Cal	54
78) n-propylbenzene	13.041	91	183140	4.602 ug/l	100
79) 2-Chlorotoluene	13.223	91	6803	0.261 ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	362646	12.333 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	196735	54.006 ug/l #	15
82) 4-Chlorotoluene	13.223	91	6803	0.280 ug/l	90
83) tert-Butylbenzene	13.488	119	160691	6.437 ug/l #	72
84) 1,2,4-Trimethylbenzene	13.488	105	1227776	42.989 ug/l	97
85) sec-Butylbenzene	13.488	105	1227776	38.910 ug/l #	57
86) p-Isopropyltoluene	13.735	119	17100	0.675 ug/l	95
87) 1,3-Dichlorobenzene	13.741	146	4489	0.314 ug/l #	78
88) 1,4-Dichlorobenzene	13.817	146	6415	0.446 ug/l #	24
89) n-Butylbenzene	14.059	91	43540	2.402 ug/l #	79
90) Hexachloroethane	14.335	117	32758	6.322 ug/l #	24
91) 1,2-Dichlorobenzene	14.117	146	5354	0.377 ug/l #	75
92) 1,2-Dibromo-3-Chloropr...	14.729	75	997	Below Cal	91
93) 1,2,4-Trichlorobenzene	15.394	180	8441	1.860 ug/l #	2
94) Hexachlorobutadiene	15.506	225	4521	Below Cal	97
95) Naphthalene	15.647	128	436269	28.124 ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	10745	2.059 ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

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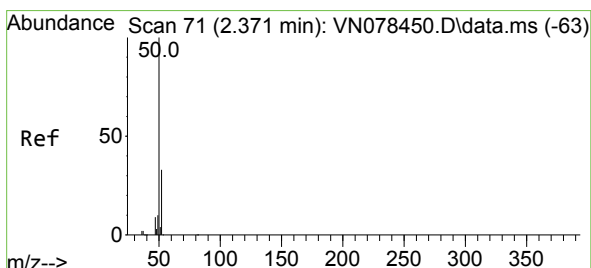
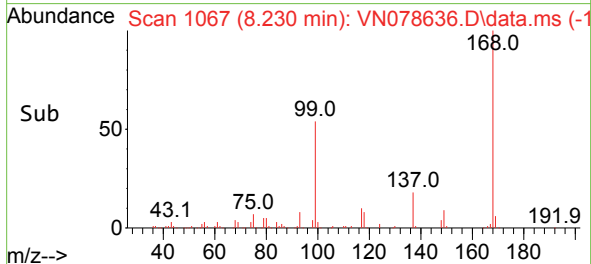
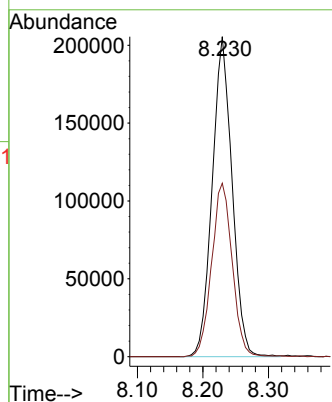
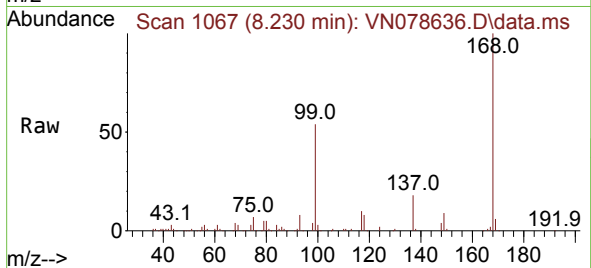
SWC-1ME

Tgt Ion:168 Resp: 431928

Ion Ratio Lower Upper

168 100

99 54.2 53.0 79.6



#3

Chloromethane

Concen: 0.327 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.012 min

Lab File: VN078636.D

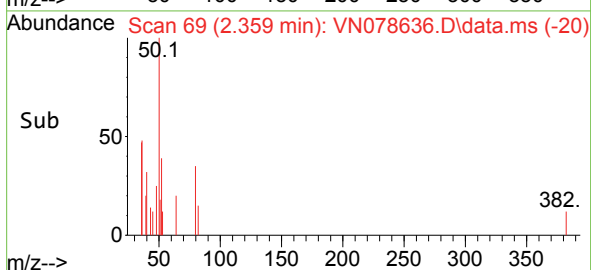
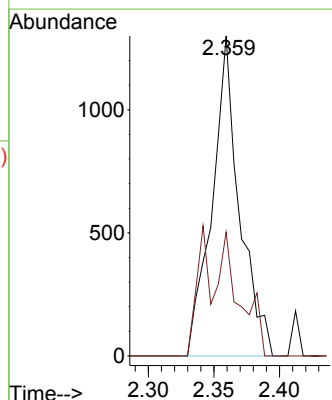
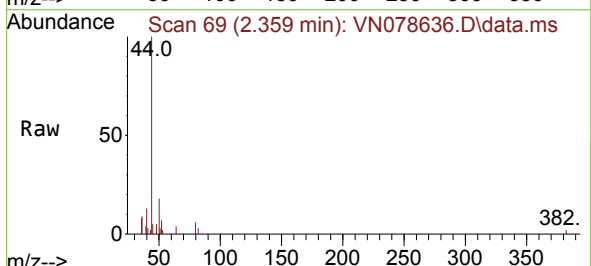
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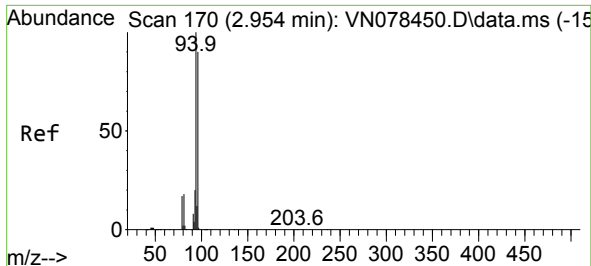
Tgt Ion: 50 Resp: 1883

Ion Ratio Lower Upper

50 100

52 38.7 26.5 39.7

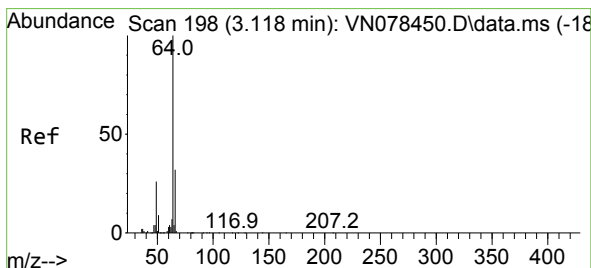
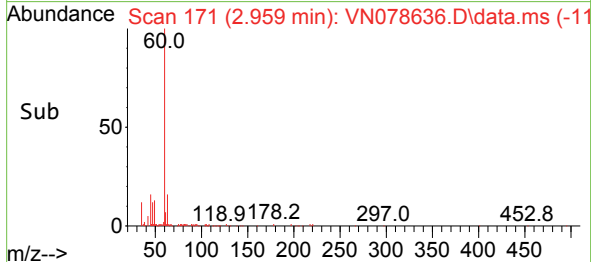
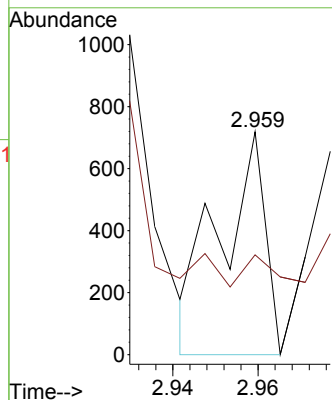
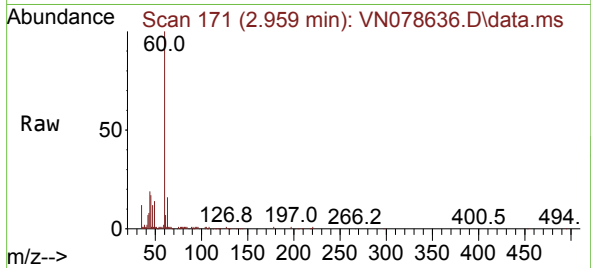




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

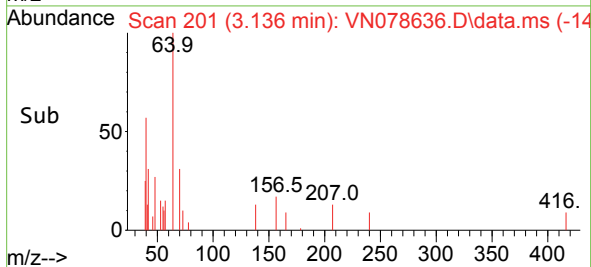
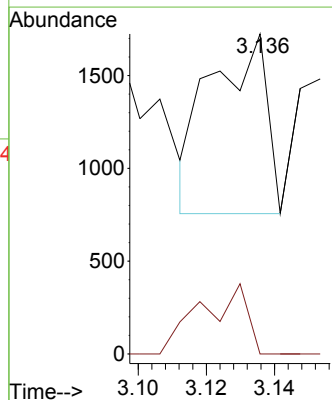
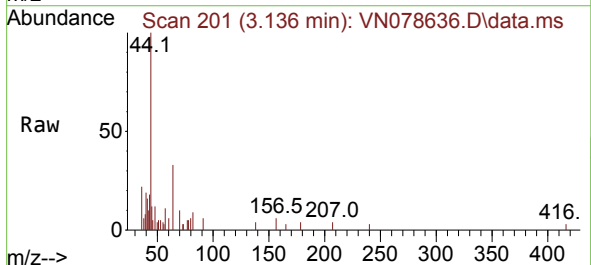
Instrument :
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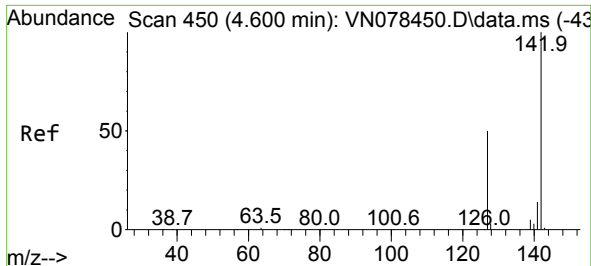
Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 10.6 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

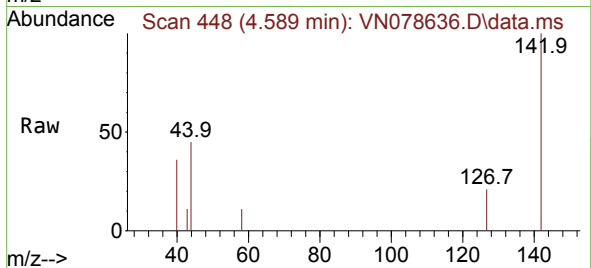
Tgt Ion: 64 Resp: 1103
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



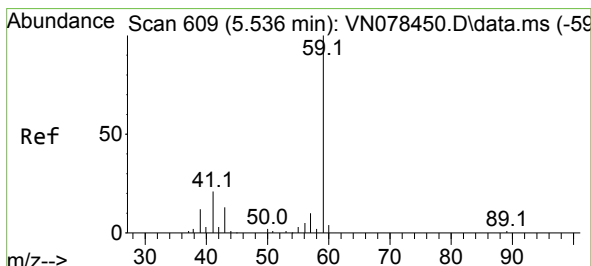
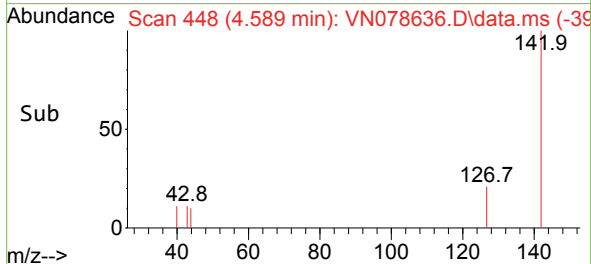
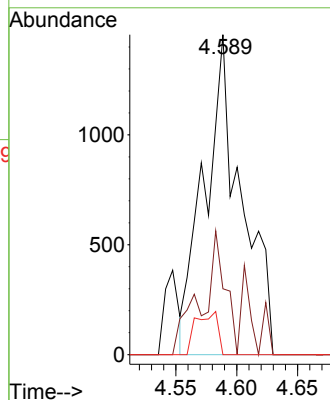


#10
Methyl Iodide
Concen: 0.474 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

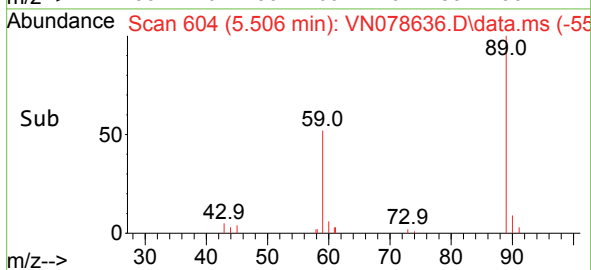
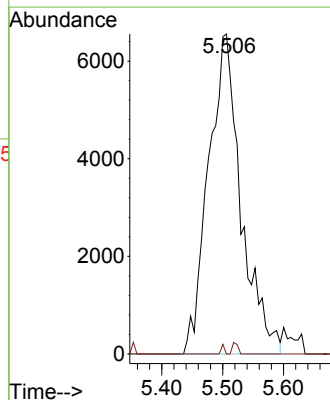
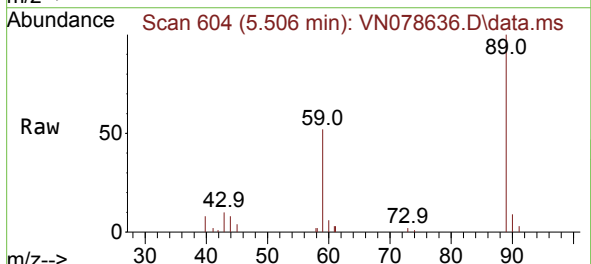


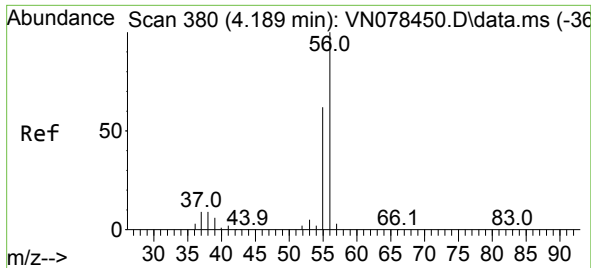
Tgt Ion:142 Resp: 3070
Ion Ratio Lower Upper
142 100
127 20.6 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 27.271 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.030 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 59 Resp: 24350
Ion Ratio Lower Upper
59 100
57 0.6 8.2 12.4#

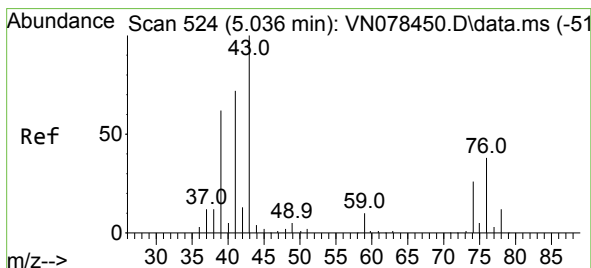
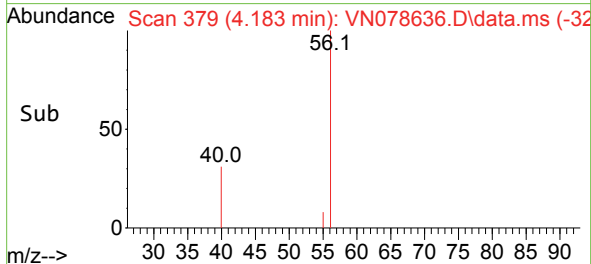
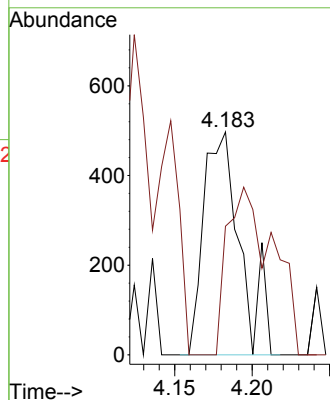
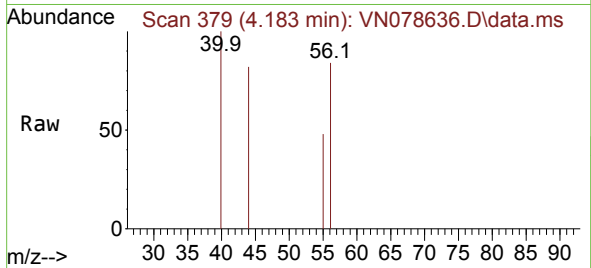




#13
Acrolein
Concen: 0.927 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

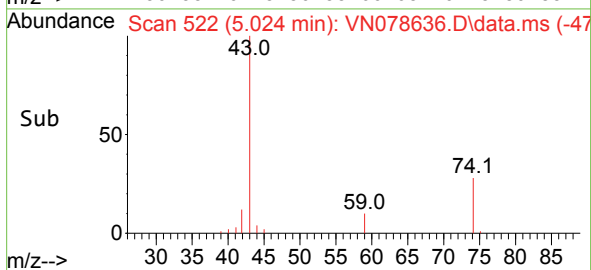
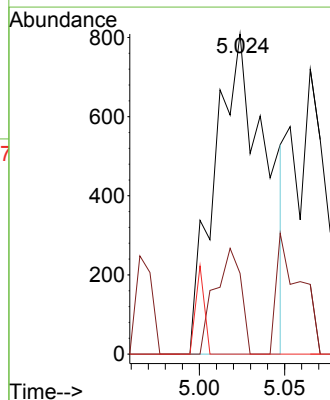
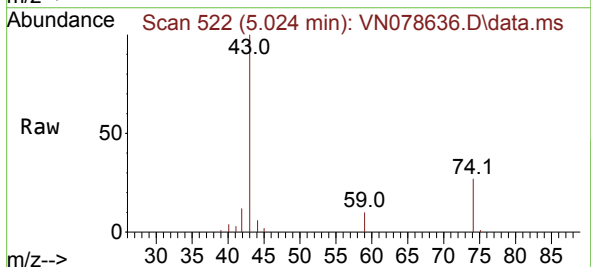
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ClientSampleId :
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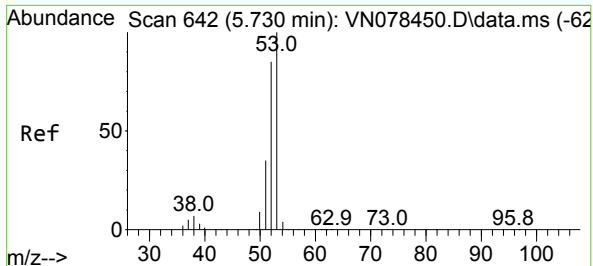
Tgt Ion: 56 Resp: 814
Ion Ratio Lower Upper
56 100
55 94.2 54.5 81.7#



#14
Allyl chloride
Concen: 0.272 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 41 Resp: 1691
Ion Ratio Lower Upper
41 100
39 16.7 58.8 88.2#
76 0.0 39.1 58.7#

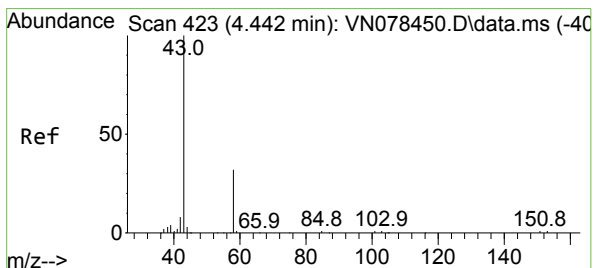
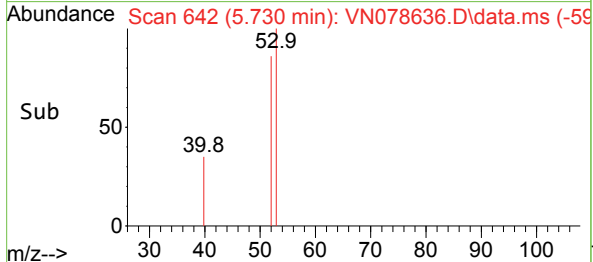
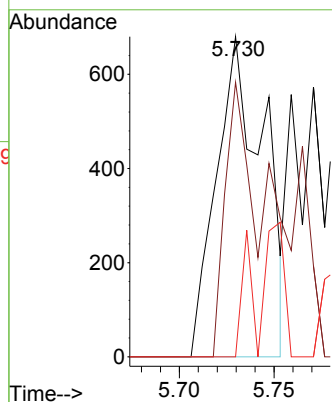
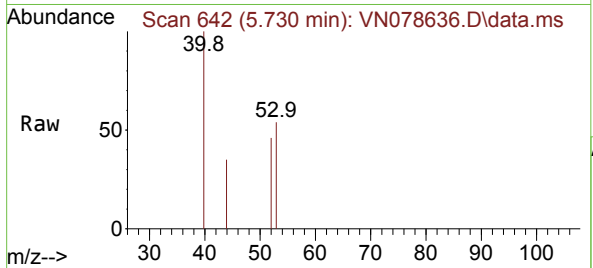




#15
Acrylonitrile
Concen: 0.523 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

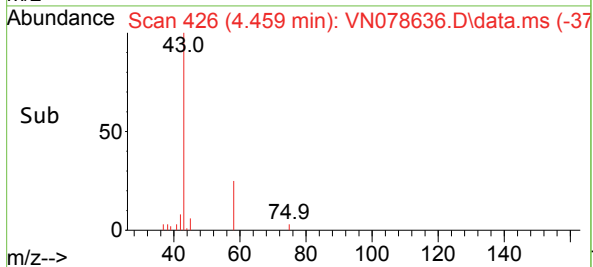
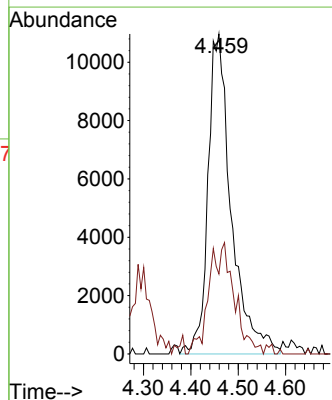
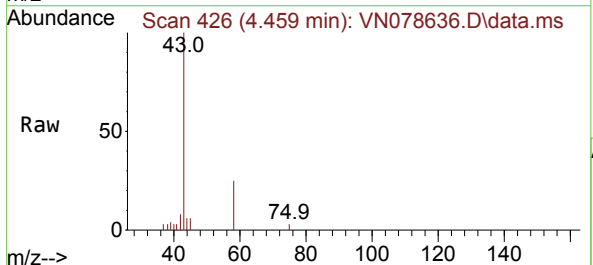
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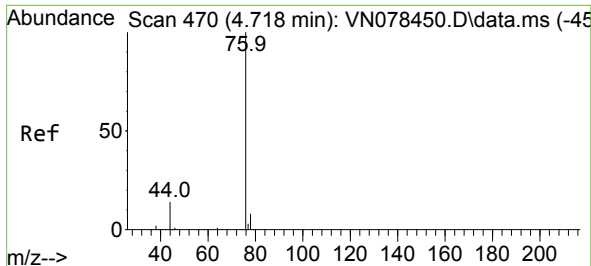
Tgt Ion: 53 Resp: 1179
Ion Ratio Lower Upper
53 100
52 46.3 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 20.738 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 43 Resp: 37406
Ion Ratio Lower Upper
43 100
58 23.6 28.0 42.0#

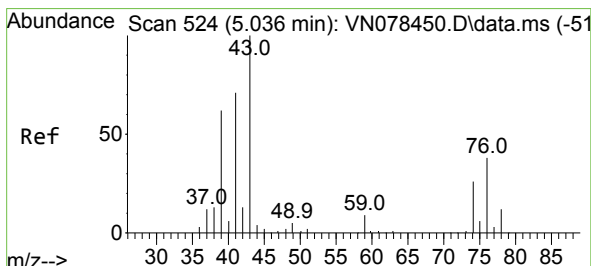
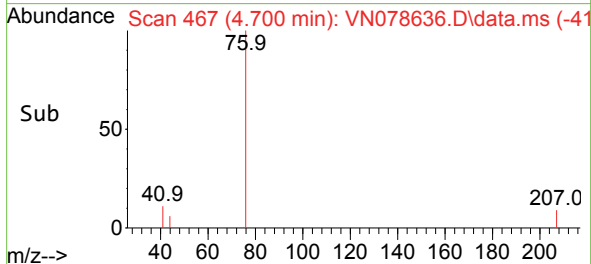
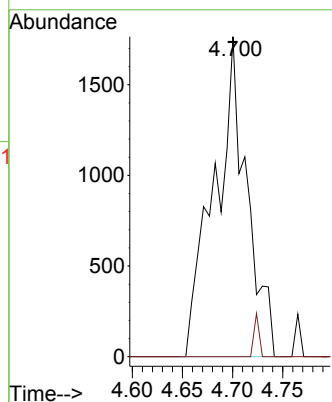
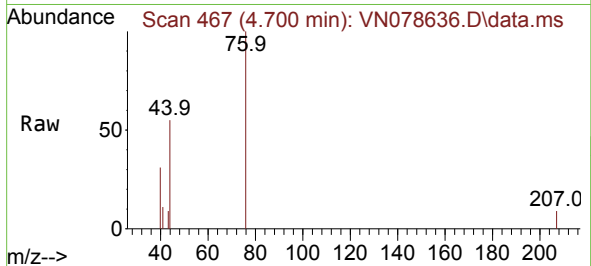




#17
Carbon Disulfide
Concen: 0.302 ug/l
RT: 4.700 min Scan# 411
Delta R.T. -0.018 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

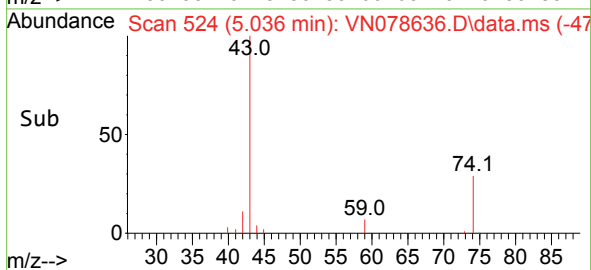
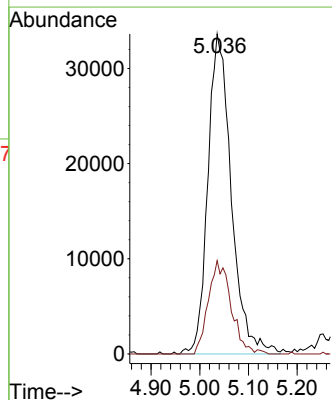
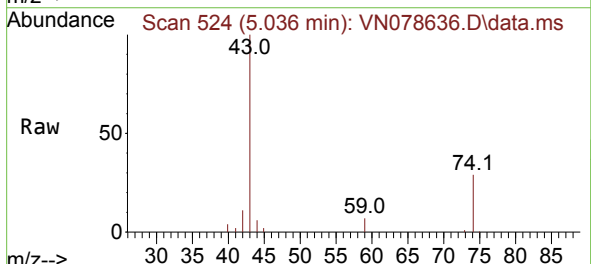
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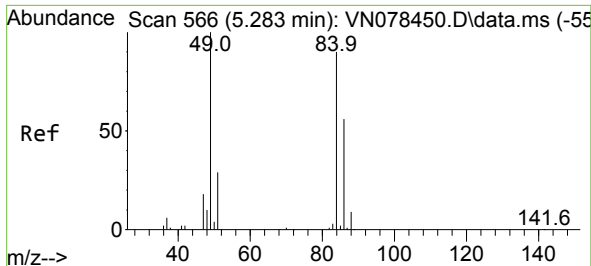
Tgt Ion: 76 Resp: 3982
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 14.711 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 43 Resp: 112329
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4

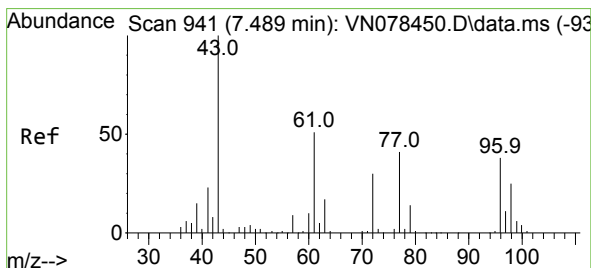
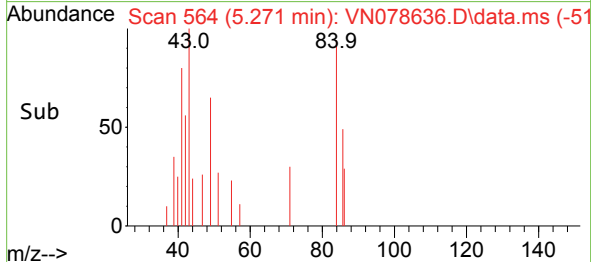
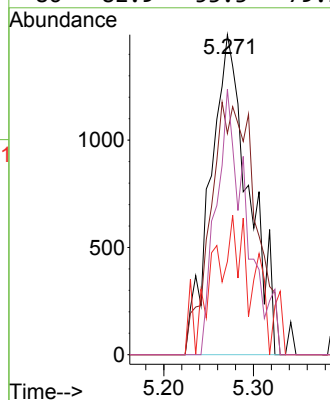
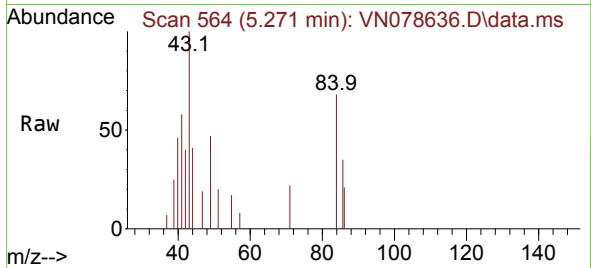




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

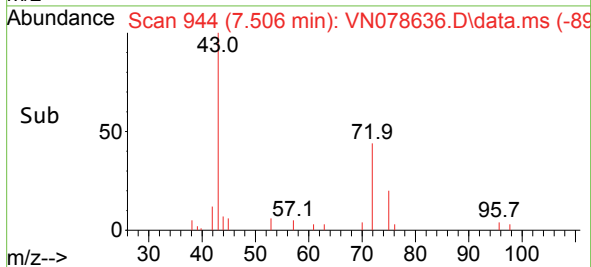
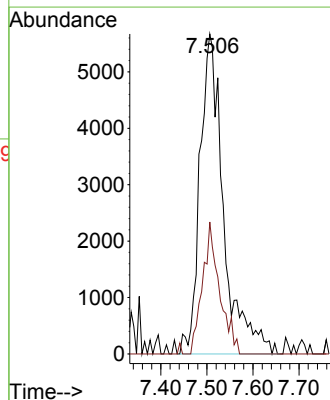
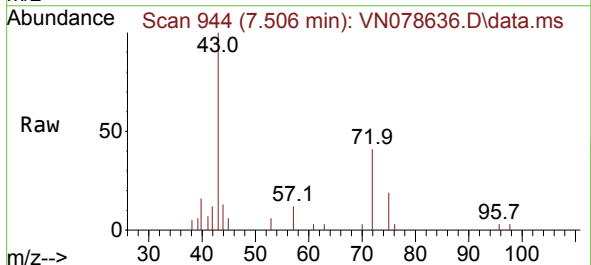
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

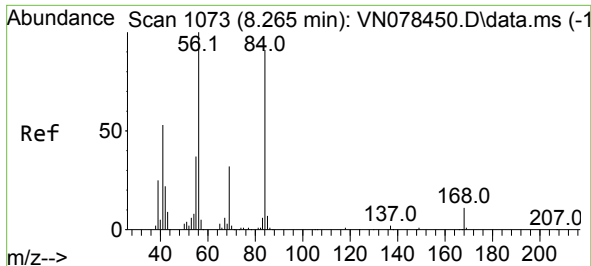
Tgt Ion:	84	Resp:	4409
Ion	Ratio	Lower	Upper
84	100		
49	69.2	79.7	119.5#
51	29.1	25.2	37.8
86	82.9	53.3	79.9#



#25
2-Butanone
Concen: 7.133 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion:	43	Resp:	20253
Ion	Ratio	Lower	Upper
43	100		
72	41.2	30.2	45.2

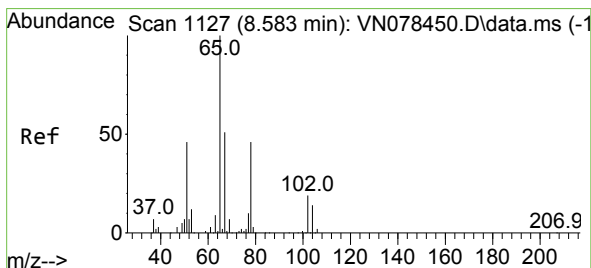
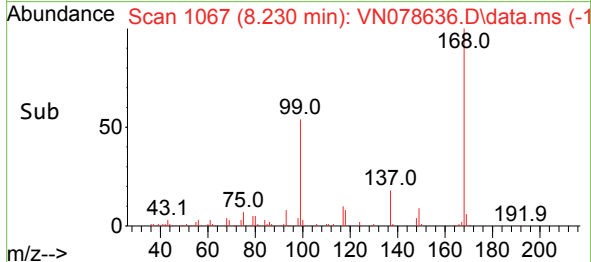
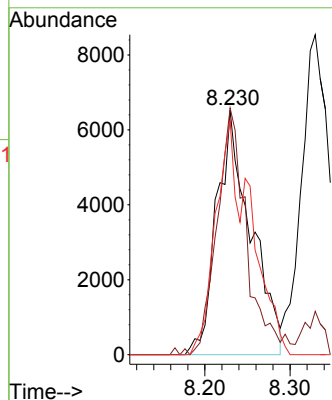
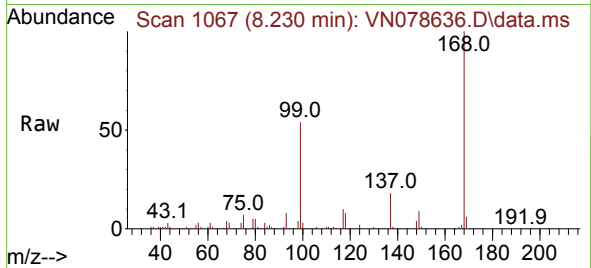




#31
Cyclohexane
Concen: 2.327 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

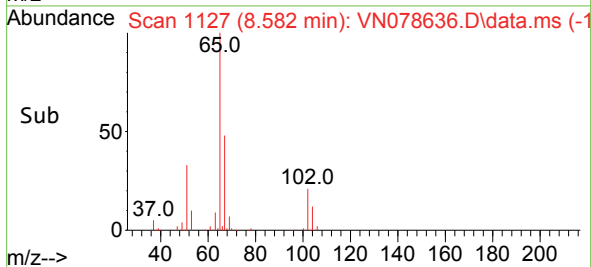
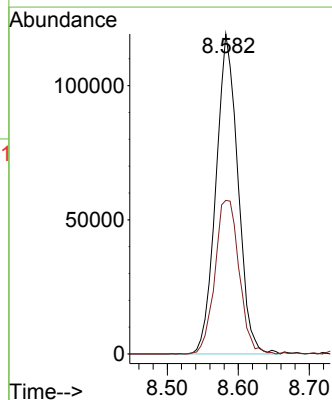
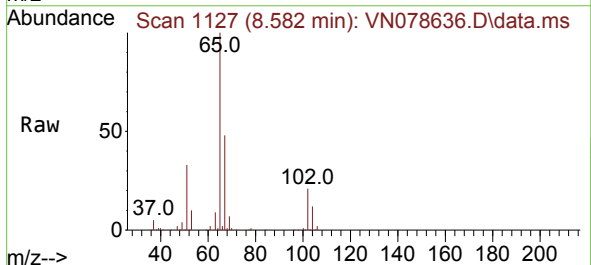
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

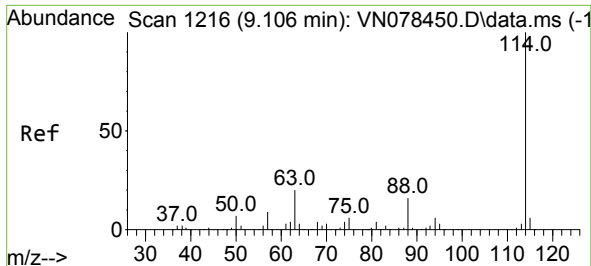
Tgt Ion: 56 Resp: 18207
Ion Ratio Lower Upper
56 100
69 101.0 26.8 40.2#
84 95.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 44.141 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 65 Resp: 255594
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

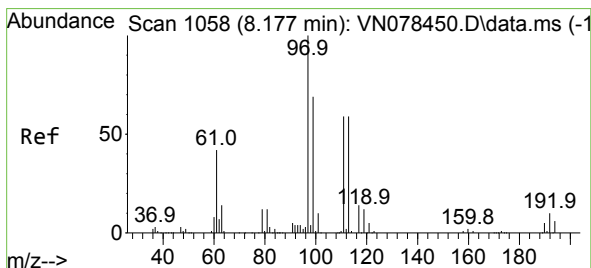
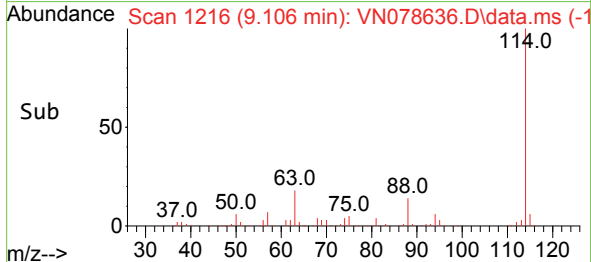
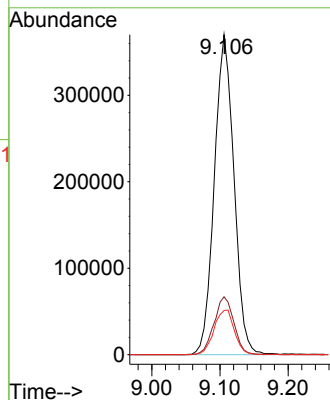
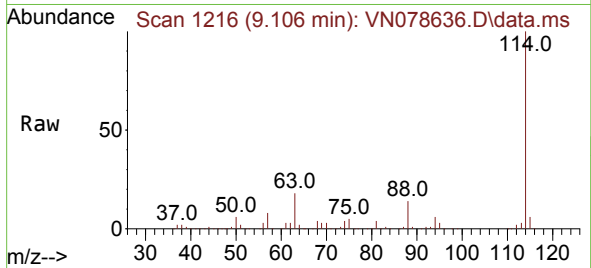




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

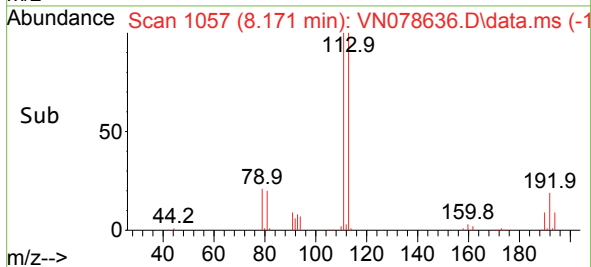
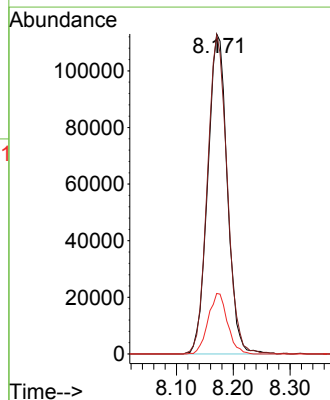
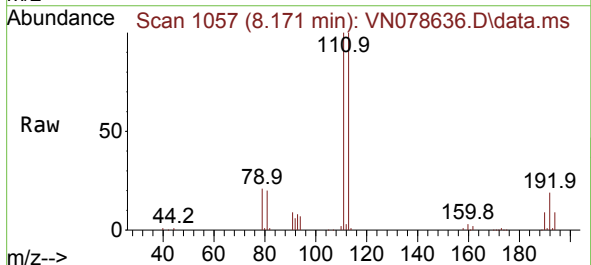
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

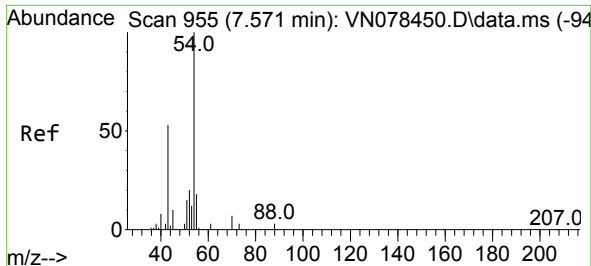
Tgt Ion:114 Resp: 741857
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.4
88 13.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.517 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion:113 Resp: 269510
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 18.6 12.7 19.1





#37

Ethyl Acetate

Concen: 3.341 ug/l

RT: 7.506 min Scan# 94

Delta R.T. -0.065 min

Lab File: VN078636.D

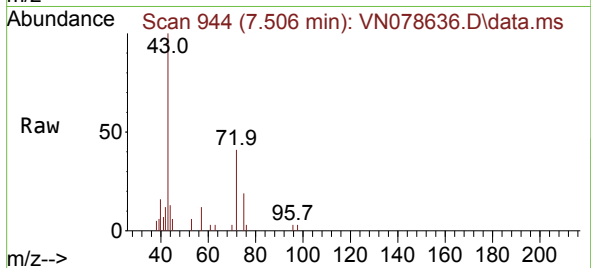
Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME



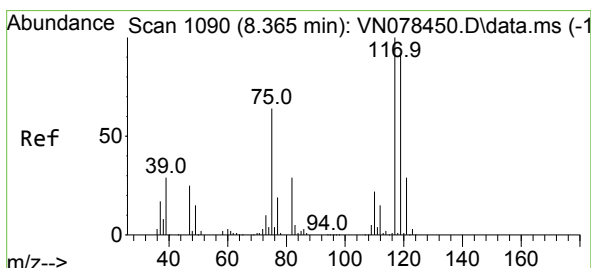
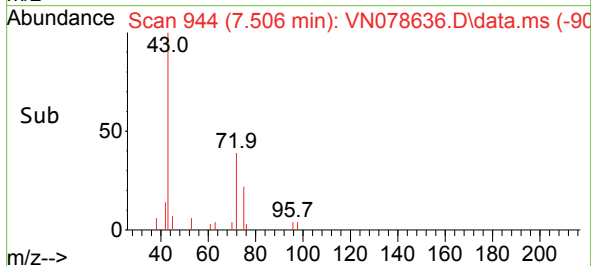
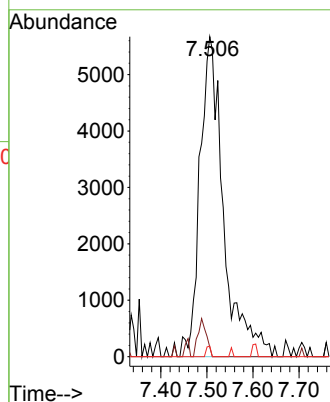
Tgt Ion: 43 Resp: 20253

Ion Ratio Lower Upper

43 100

61 4.3 13.2 19.8#

70 0.6 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.687 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

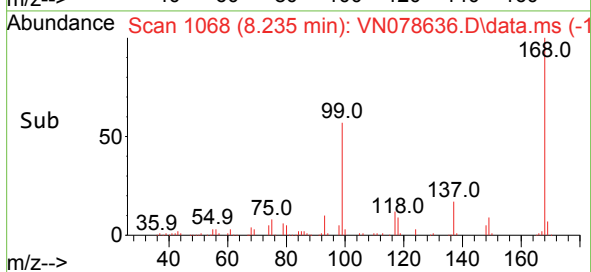
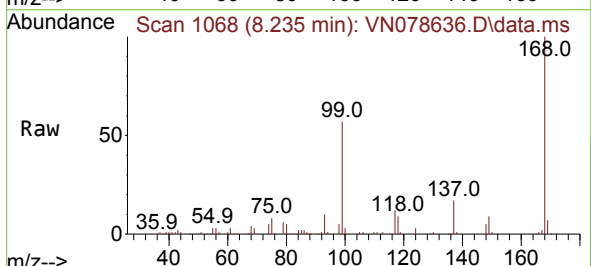
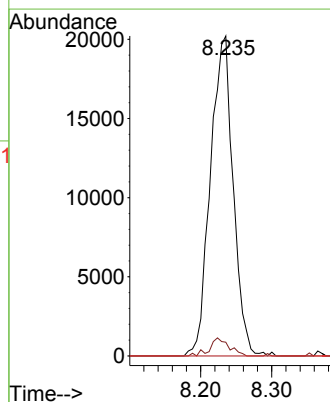
Tgt Ion: 117 Resp: 44945

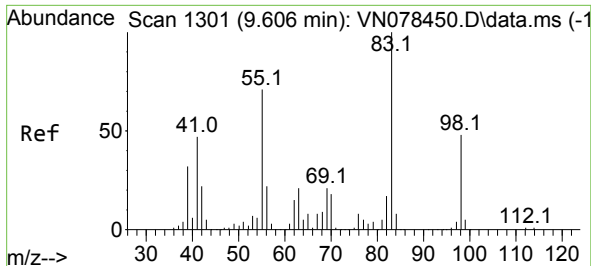
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 2.167 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

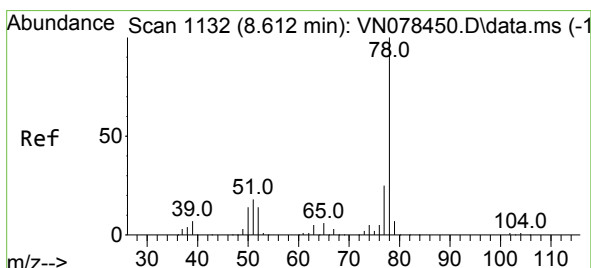
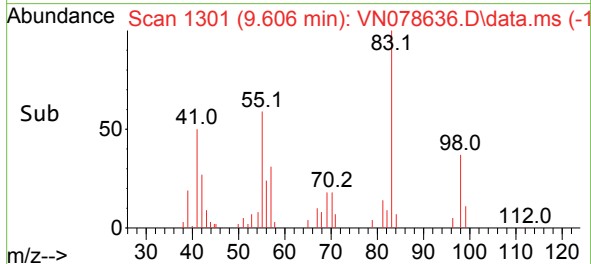
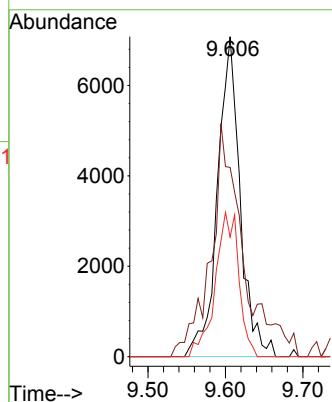
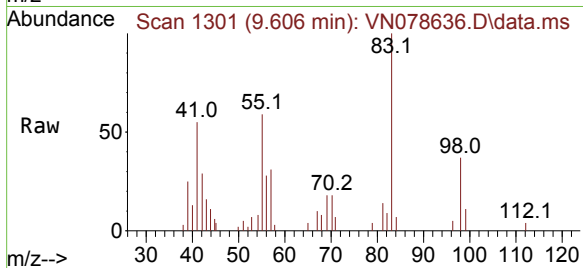
Tgt Ion: 83 Resp: 14382

Ion Ratio Lower Upper

83 100

55 54.7 49.1 73.7

98 37.4 40.6 61.0#



#40

Benzene

Concen: 0.509 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN078636.D

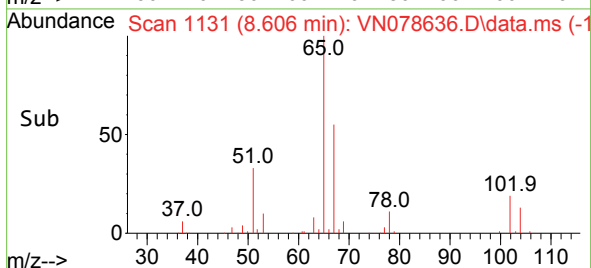
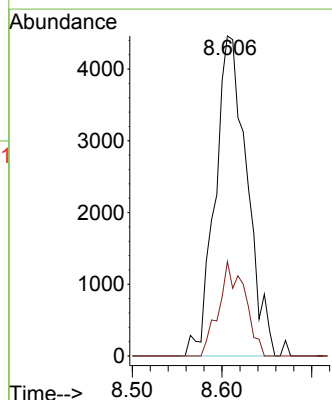
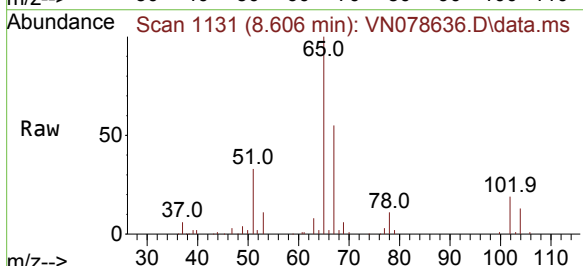
Acq: 24 Jul 2023 14:17

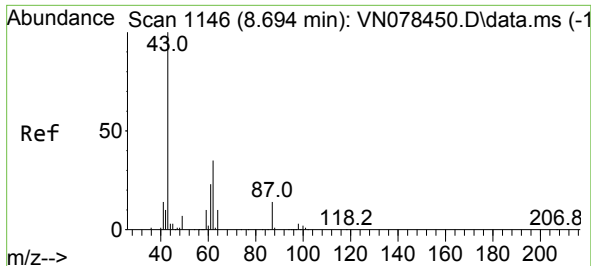
Tgt Ion: 78 Resp: 10963

Ion Ratio Lower Upper

78 100

77 29.5 19.0 28.6#

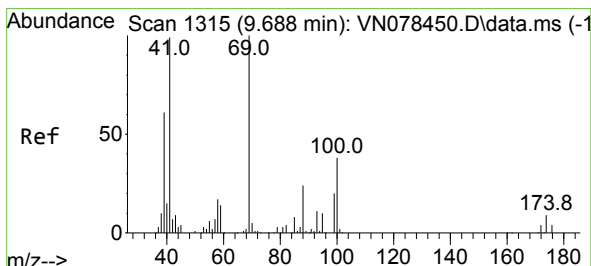
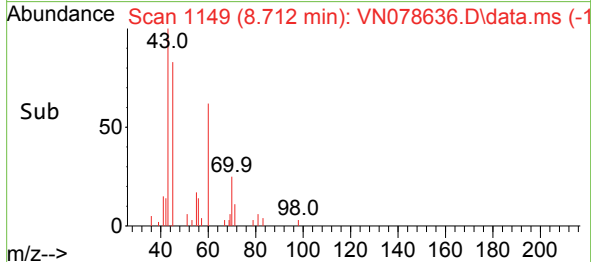
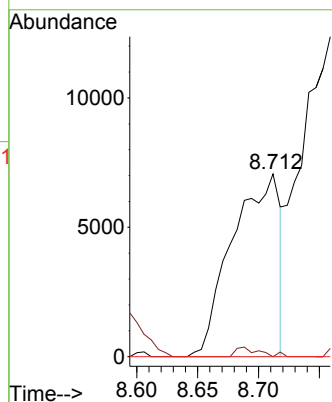
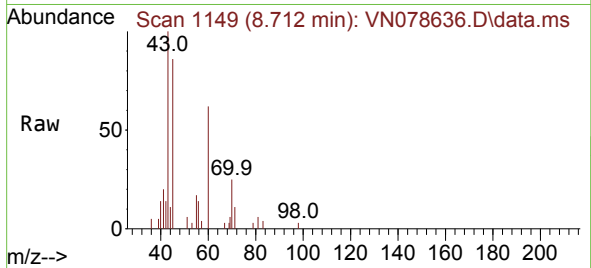




#43
Isopropyl Acetate
Concen: 1.921 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

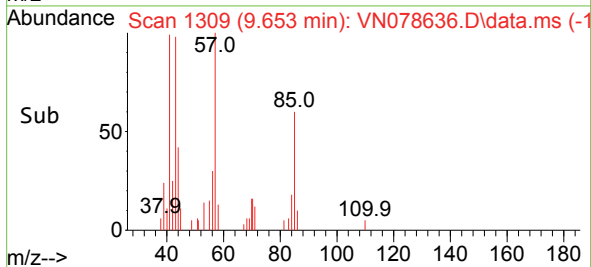
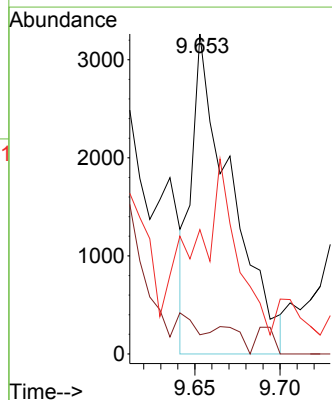
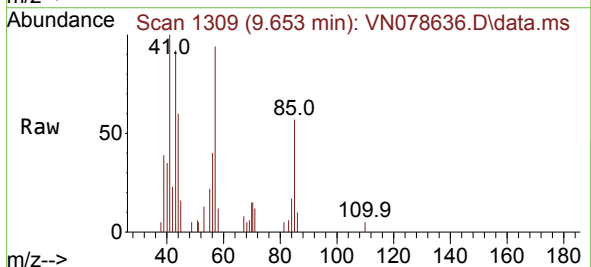
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

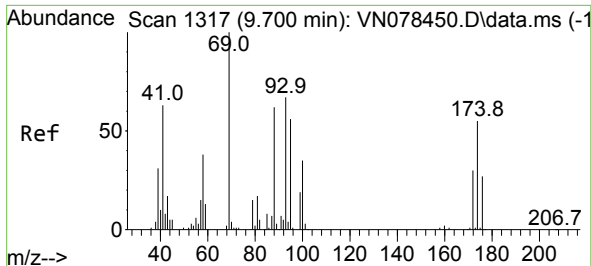
Tgt Ion: 43 Resp: 19171
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.129 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.035 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 41 Resp: 5220
Ion Ratio Lower Upper
41 100
69 5.2 90.4 135.6#
39 62.0 54.6 81.8





#49

1,4-Dioxane

Concen: 4.622 ug/l

RT: 9.729 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

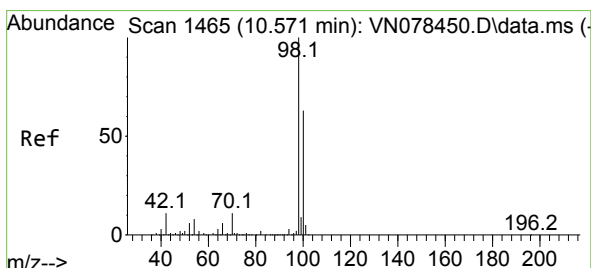
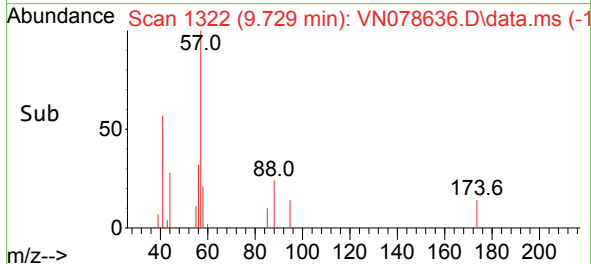
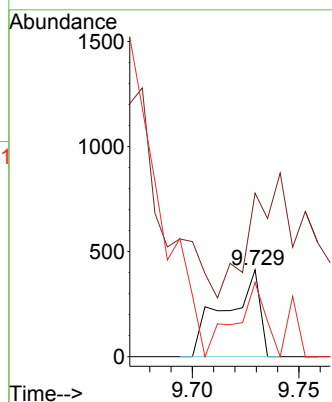
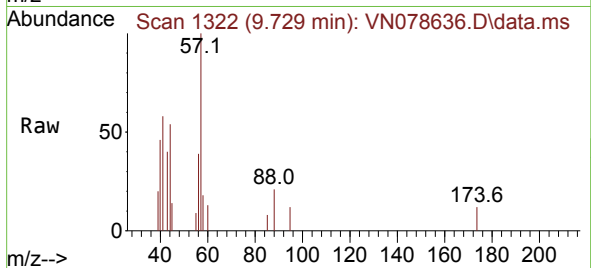
Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

43 334.3 17.0 25.6#

58 75.1 47.0 70.4#



#50

Toluene-d8

Concen: 45.620 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078636.D

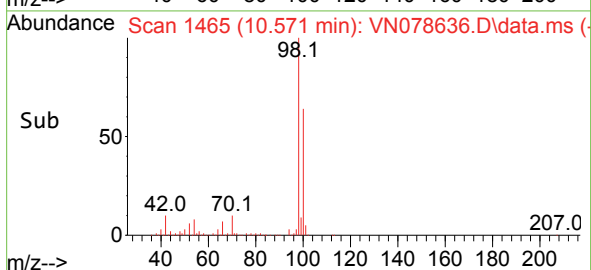
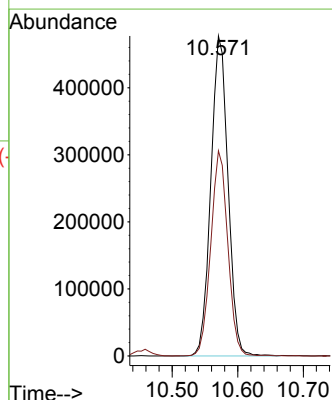
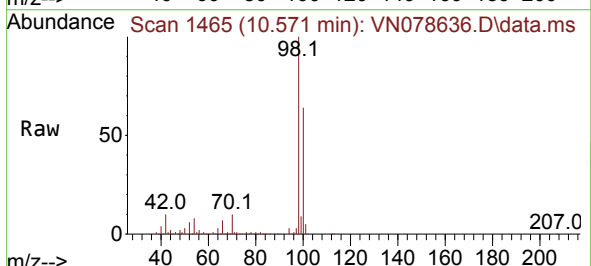
Acq: 24 Jul 2023 14:17

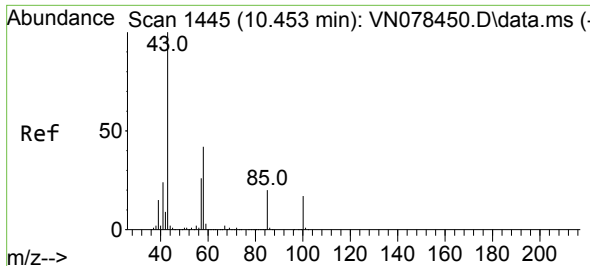
Tgt Ion: 98 Resp: 867898

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

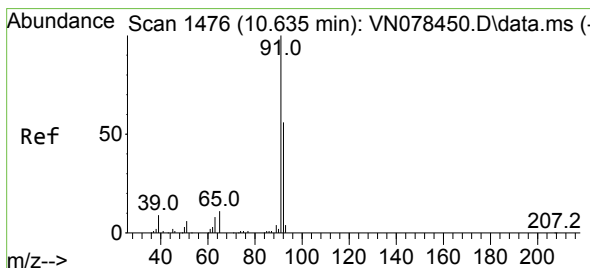
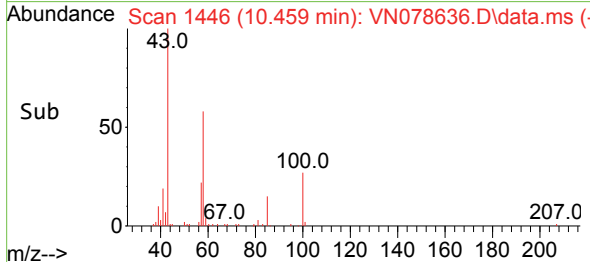
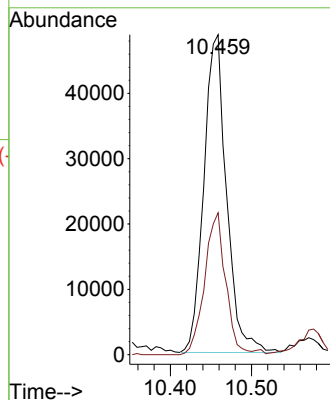
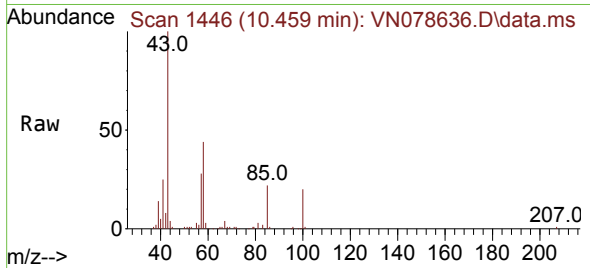




#51
4-Methyl-2-Pentanone
Concen: 15.917 ug/l
RT: 10.459 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

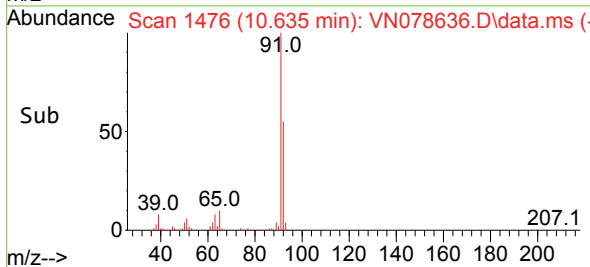
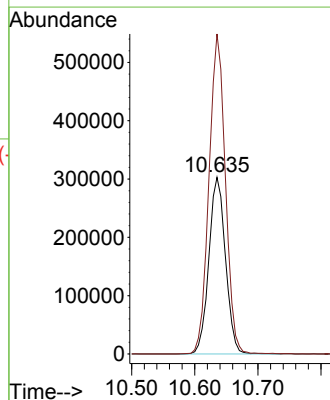
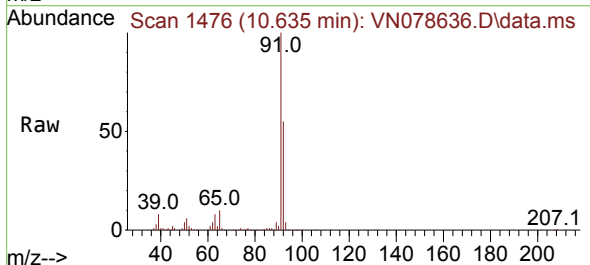
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

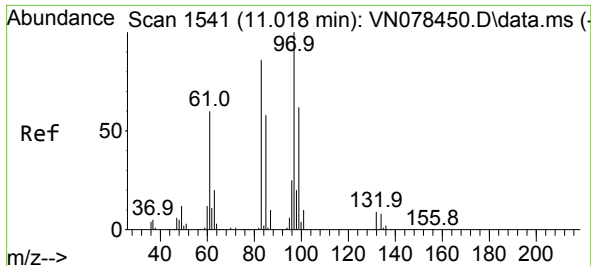
Tgt Ion: 43 Resp: 94484
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 41.403 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 92 Resp: 552794
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0

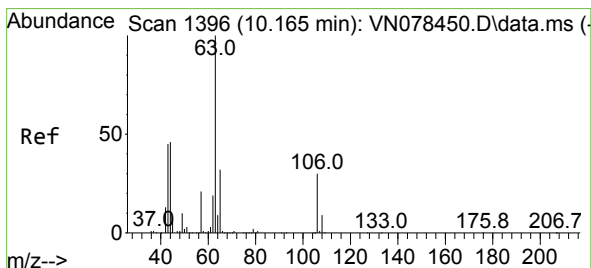
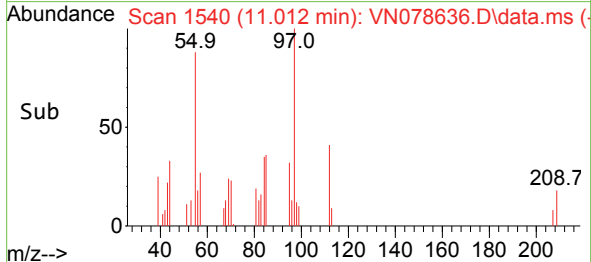
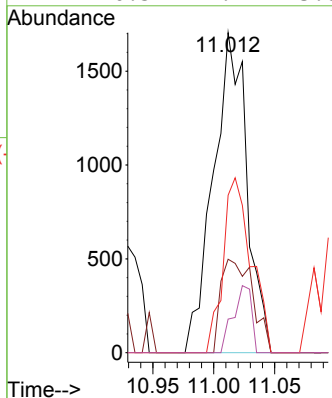
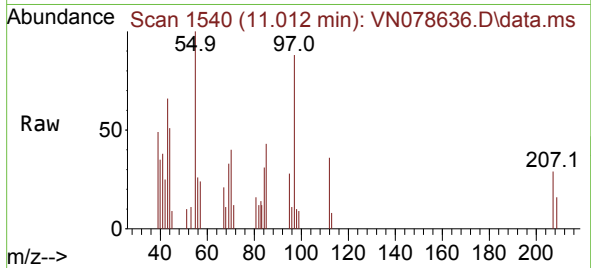




#55
1,1,2-Trichloroethane
Concen: 0.621 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

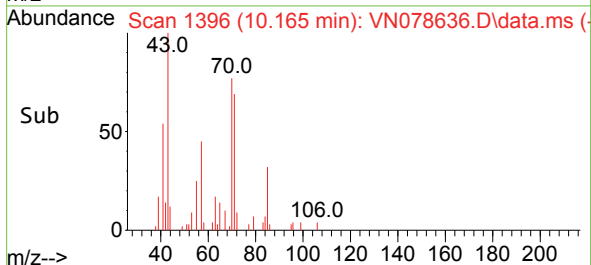
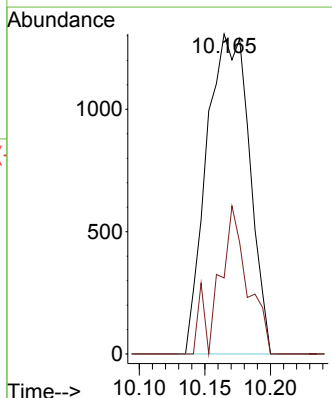
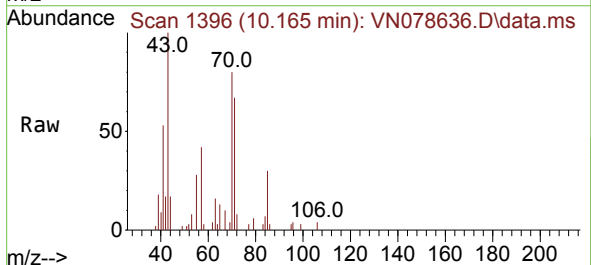
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

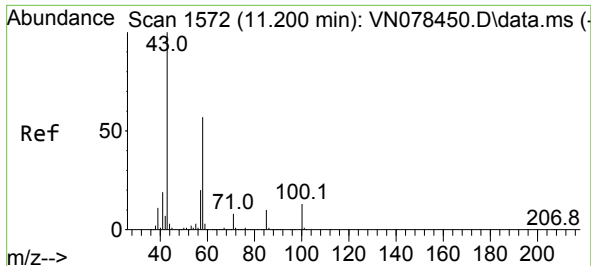
Tgt Ion: 97 Resp: 3265
Ion Ratio Lower Upper
97 100
83 29.2 65.1 97.7#
85 49.2 43.4 65.2
99 10.5 49.2 73.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.131 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 63 Resp: 2965
Ion Ratio Lower Upper
63 100
106 31.6 26.2 39.4

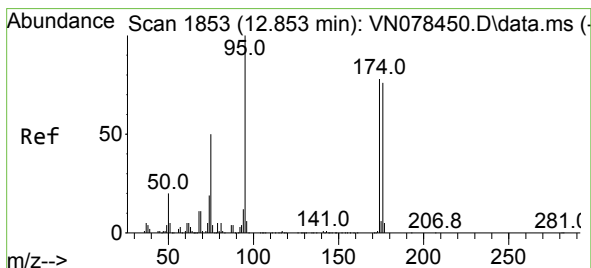
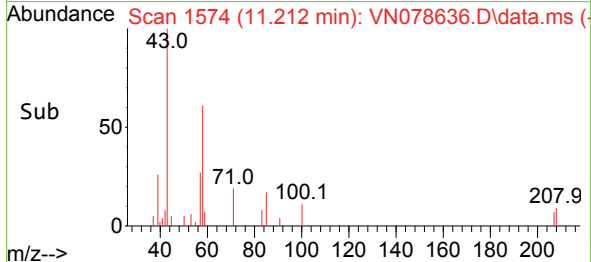
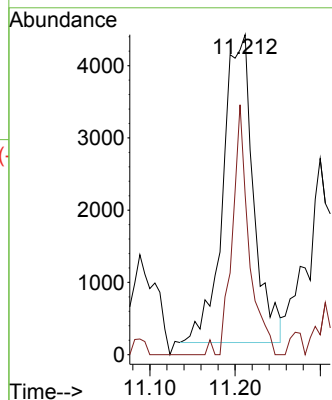
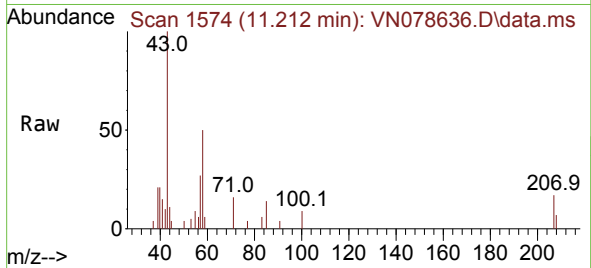




#59
2-Hexanone
Concen: 2.509 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

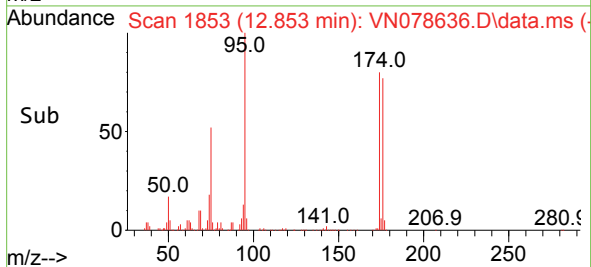
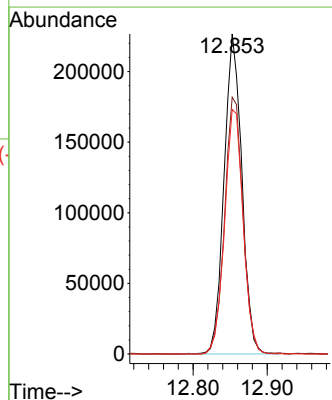
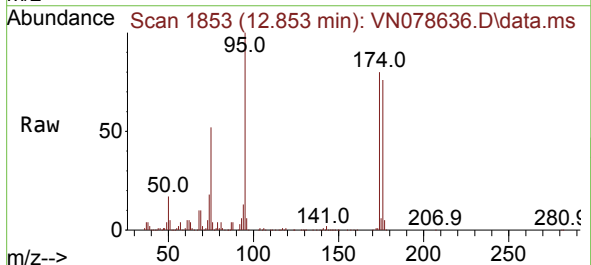
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

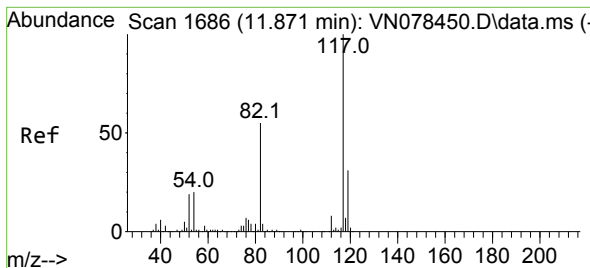
Tgt Ion: 43 Resp: 10586
Ion Ratio Lower Upper
43 100
58 44.2 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 64.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 95 Resp: 376990
Ion Ratio Lower Upper
95 100
174 82.7 0.0 143.8
176 79.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

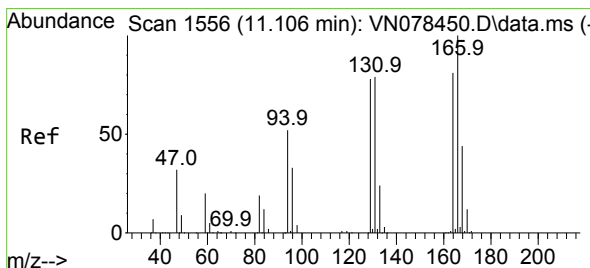
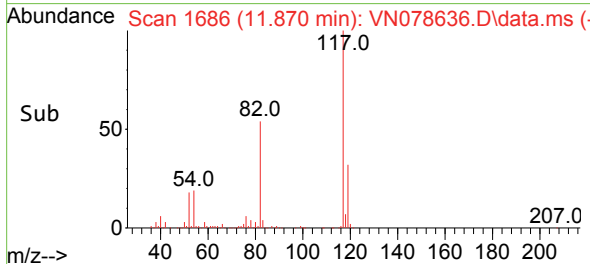
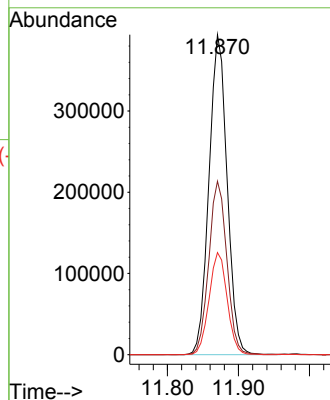
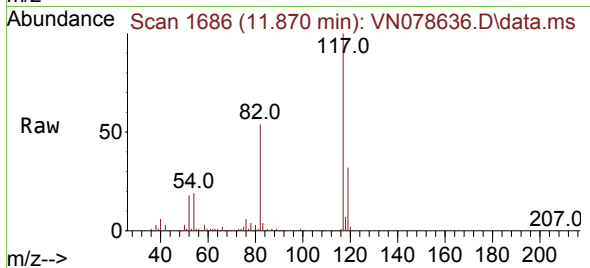
Tgt Ion:117 Resp: 698106

Ion Ratio Lower Upper

117 100

82 54.2 44.0 66.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 0.393 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Tgt Ion:164 Resp: 2062

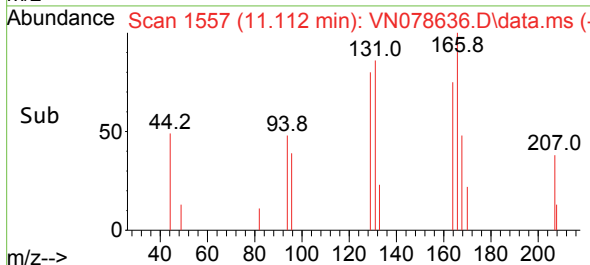
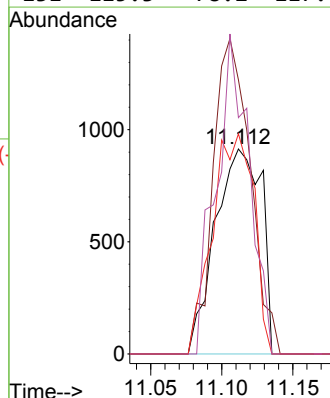
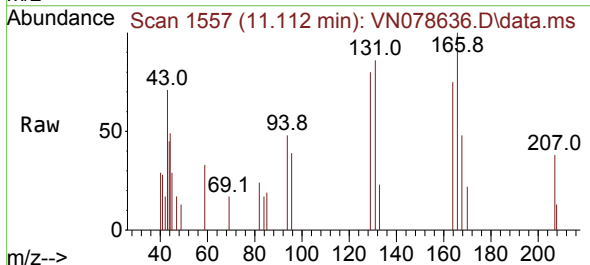
Ion Ratio Lower Upper

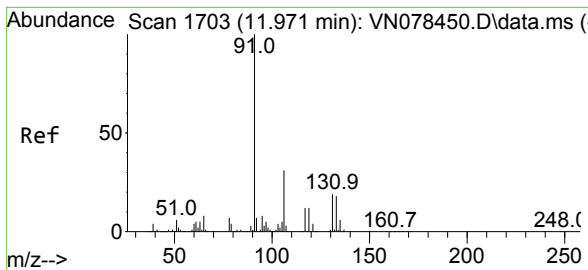
164 100

166 133.7 101.4 152.0

129 107.4 82.4 123.6

131 115.3 78.2 117.4

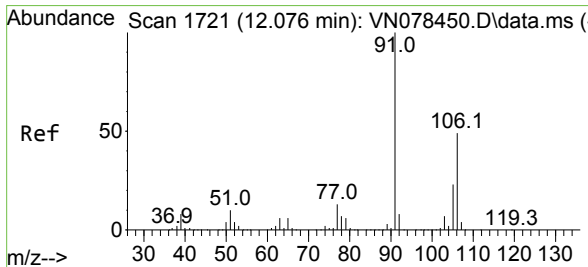
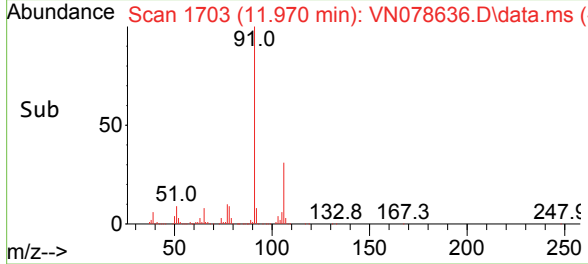
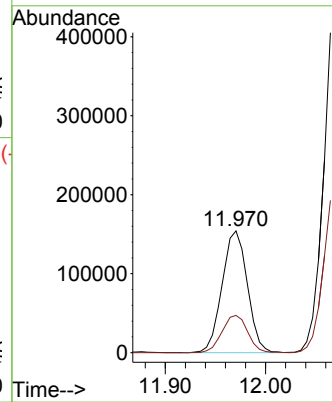
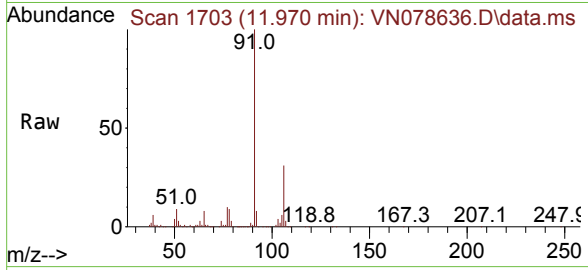




#67
Ethyl Benzene
Concen: 10.234 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

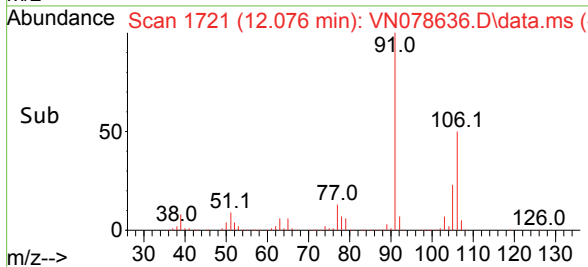
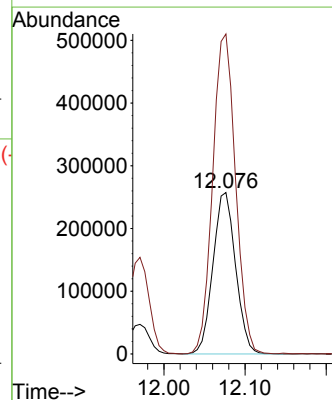
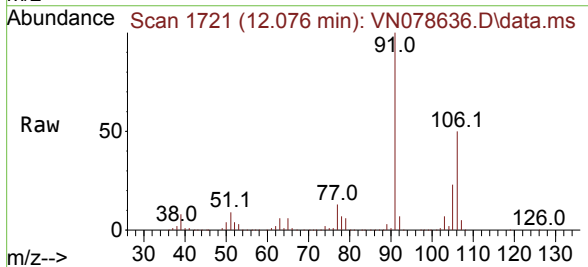
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

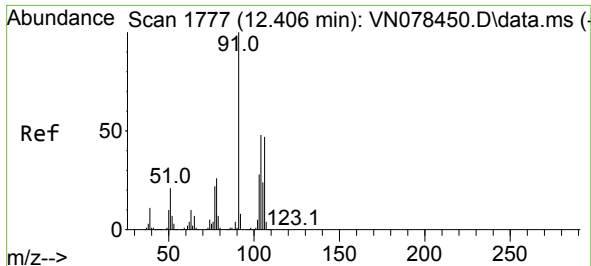
Tgt Ion: 91 Resp: 269939
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 51.081 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion:106 Resp: 498148
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4

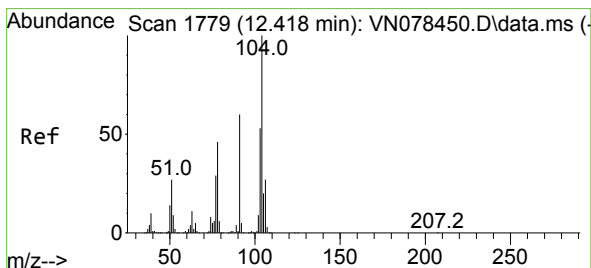
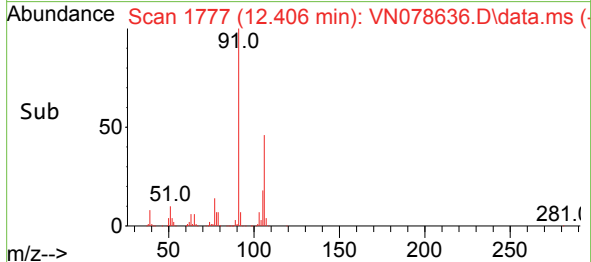
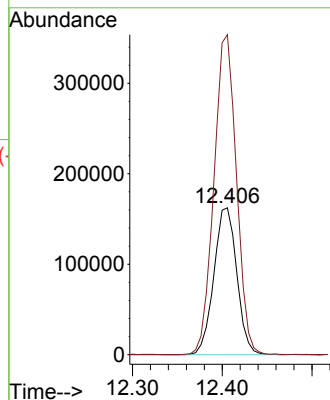
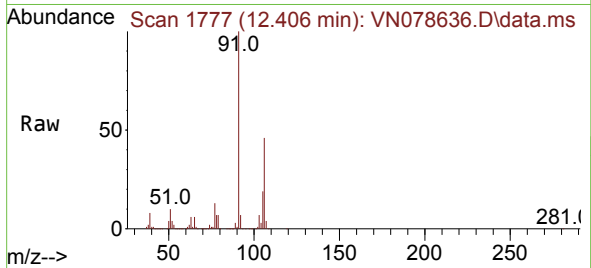




#69
o-Xylene
Concen: 29.235 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

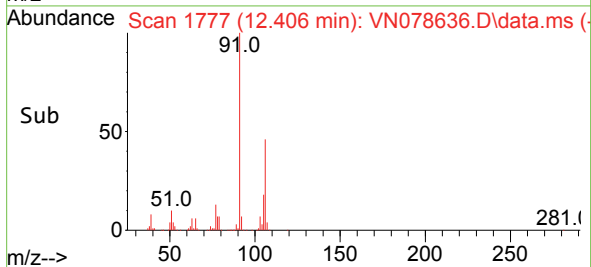
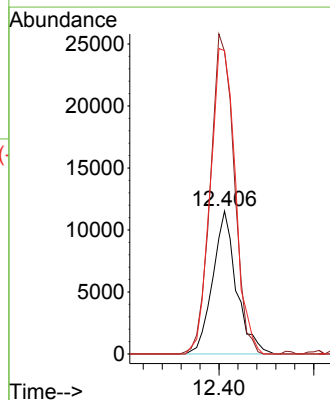
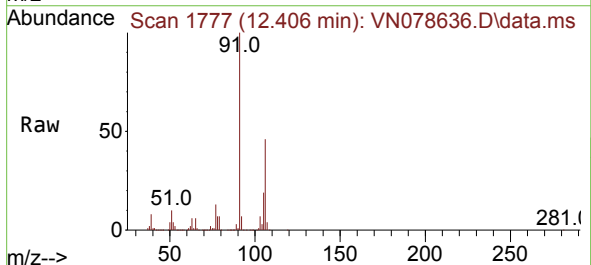
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

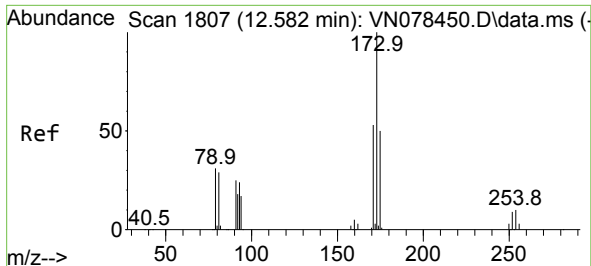
Tgt Ion:106 Resp: 287971
Ion Ratio Lower Upper
106 100
91 214.2 105.2 315.5



#70
Styrene
Concen: 1.298 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.012 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion:104 Resp: 19999
Ion Ratio Lower Upper
104 100
78 224.3 39.5 59.3#
103 226.3 43.2 64.8#

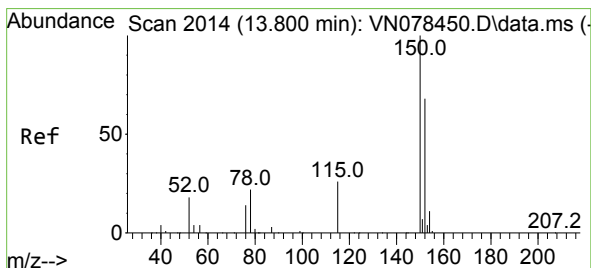
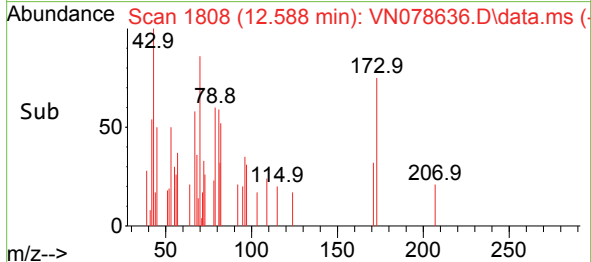
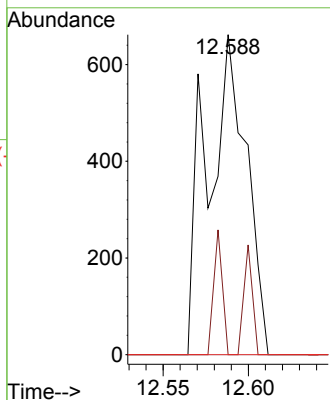
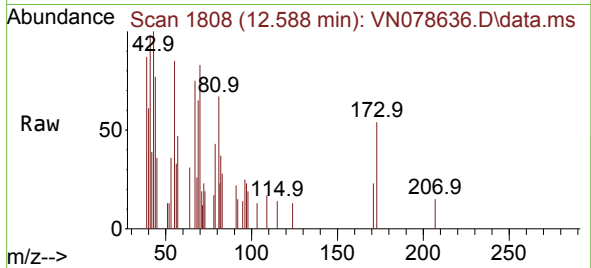




#71
Bromoform
Concen: 0.260 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

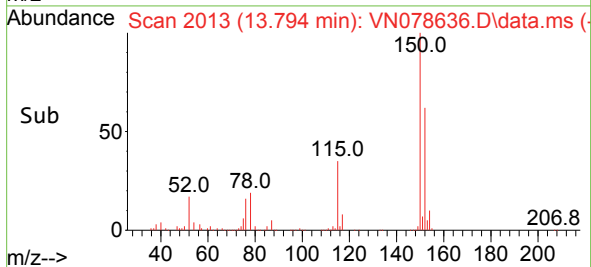
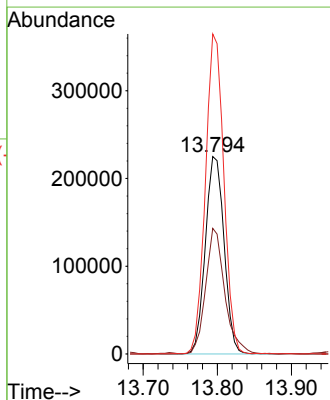
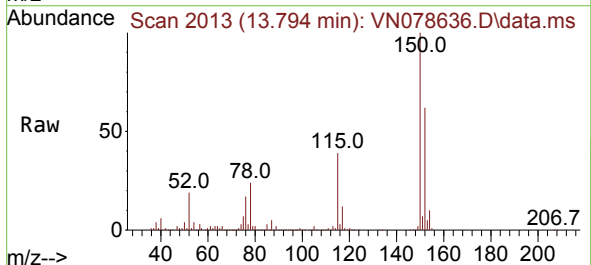
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

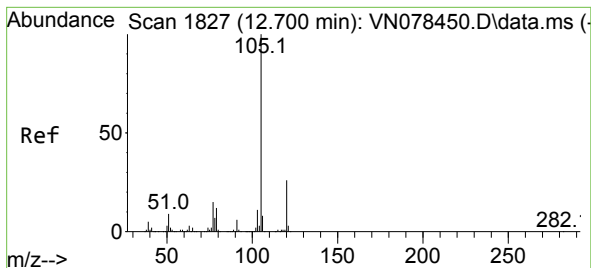
Tgt Ion:173 Resp: 1057
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion:152 Resp: 396040
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 158.5 0.0 355.8





#73

Isopropylbenzene

Concen: 1.531 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

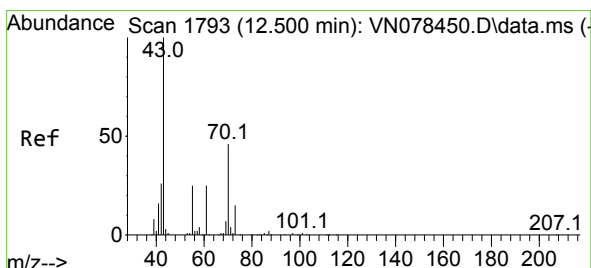
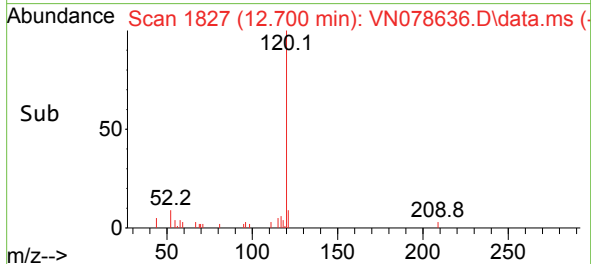
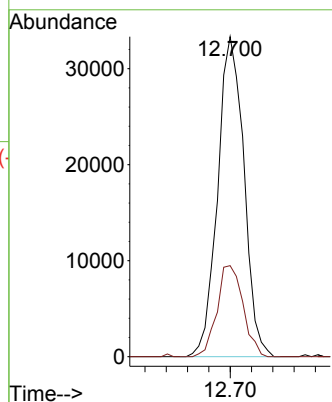
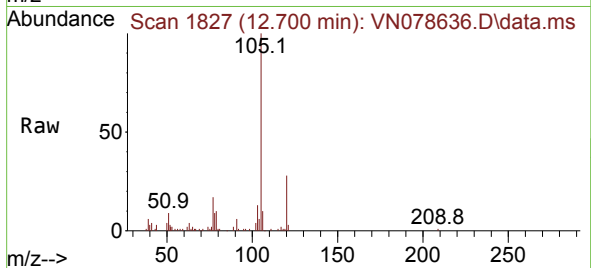
SWC-1ME

Tgt Ion:105 Resp: 56976

Ion Ratio Lower Upper

105 100

120 28.3 13.1 39.1



#74

N-ethyl acetate

Concen: 0.254 ug/l

RT: 12.465 min Scan# 1787

Delta R.T. -0.035 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Tgt Ion: 43 Resp: 3254

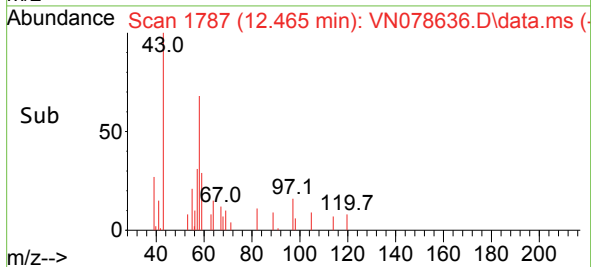
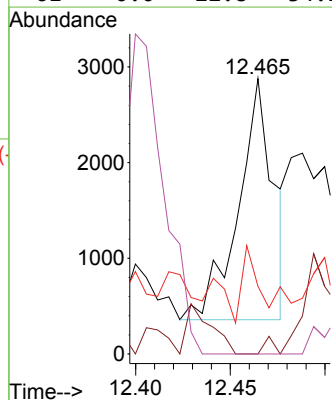
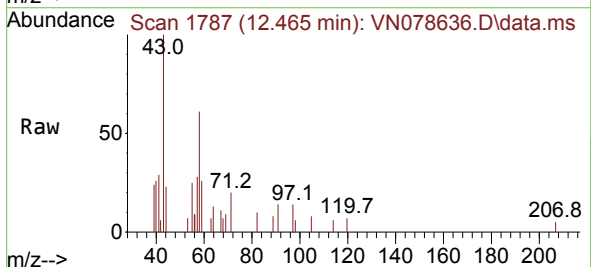
Ion Ratio Lower Upper

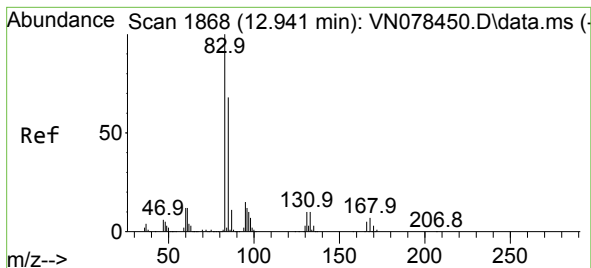
43 100

70 0.0 43.4 65.2#

55 14.7 21.4 32.0#

61 0.0 22.8 34.2#

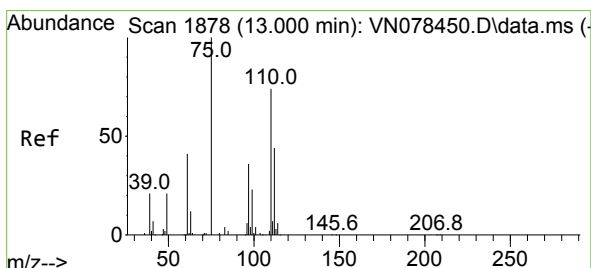
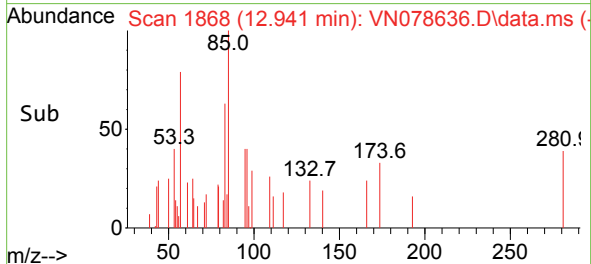
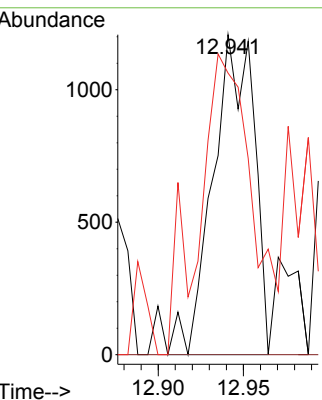
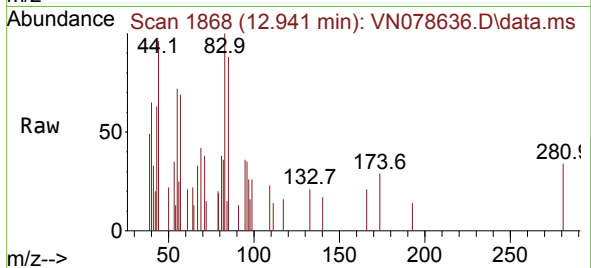




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078636.D
 Acq: 24 Jul 2023 14:17

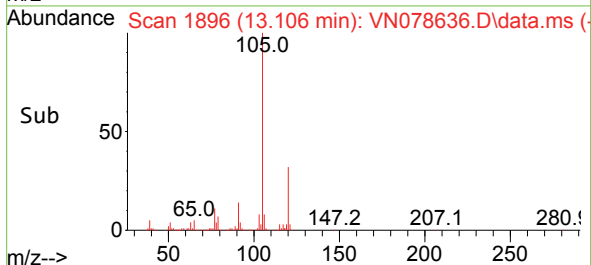
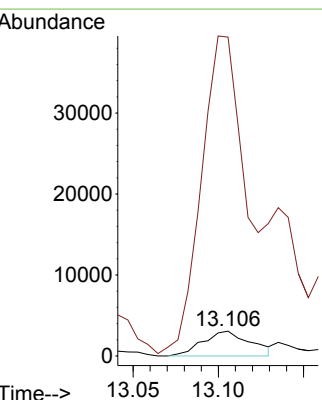
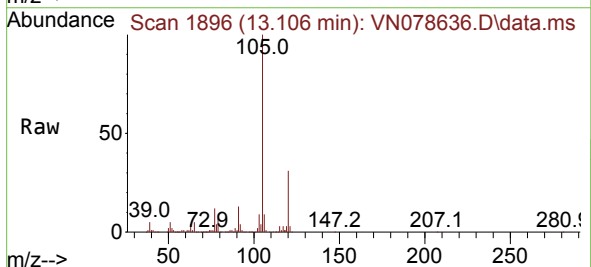
Instrument :
 MSVOA_N
 ClientSampleId :
 SWC-1ME

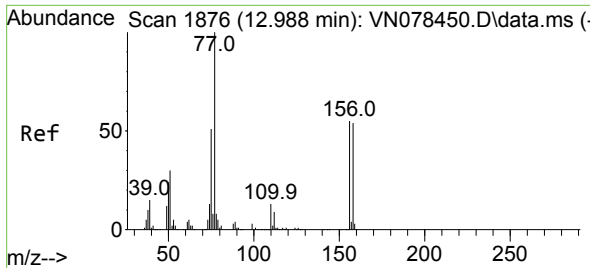
Tgt Ion: 83 Resp: 2029
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 120.8 31.9 95.7#



#76
 1,2,3-Trichloropropane
 Concen: 0.622 ug/l
 RT: 13.106 min Scan# 1896
 Delta R.T. 0.106 min
 Lab File: VN078636.D
 Acq: 24 Jul 2023 14:17

Tgt Ion: 75 Resp: 5956
 Ion Ratio Lower Upper
 75 100
 77 1160.2 84.5 253.5#

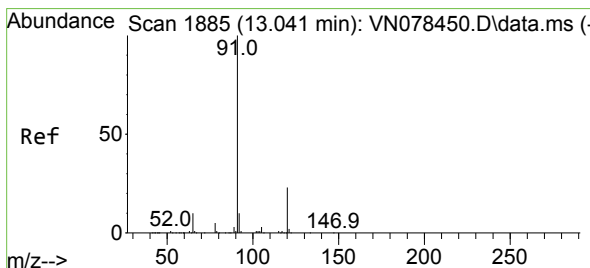
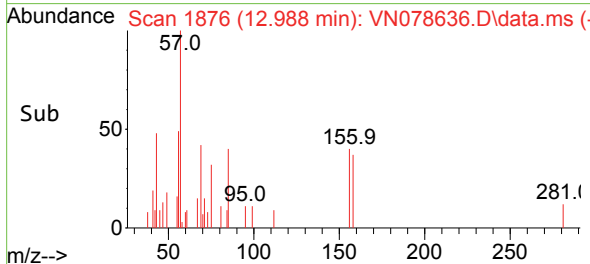
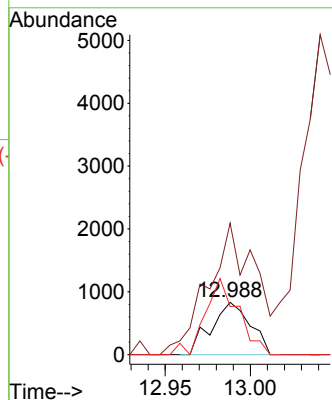
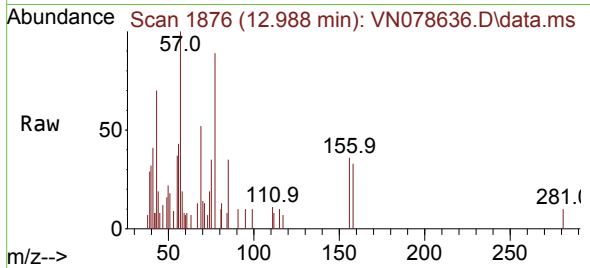




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

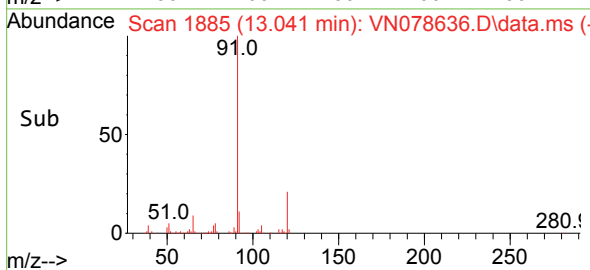
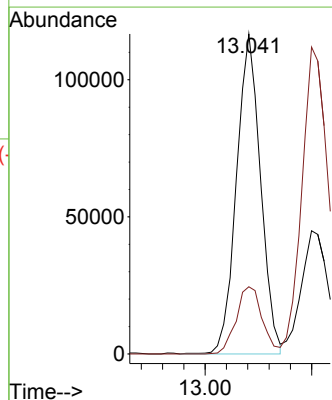
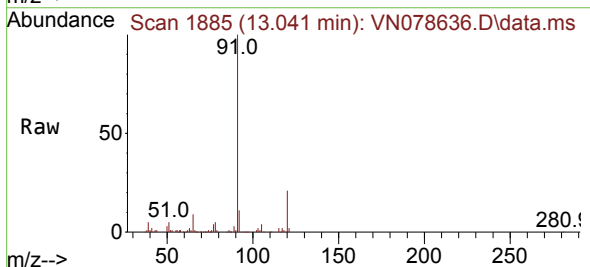
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

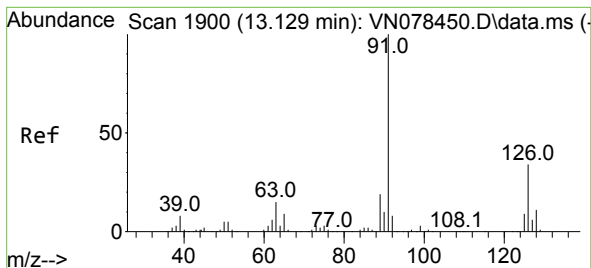
Tgt Ion:156 Resp: 1324
Ion Ratio Lower Upper
156 100
77 300.7 107.7 323.3
158 124.4 48.4 145.3



#78
n-propylbenzene
Concen: 4.602 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 91 Resp: 183140
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.261 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.094 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

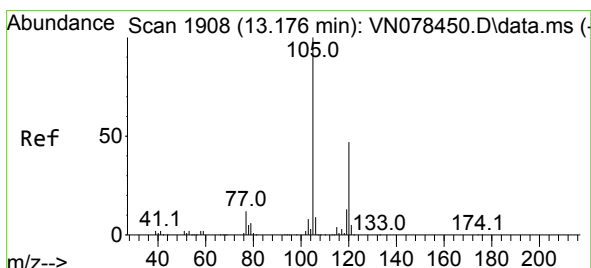
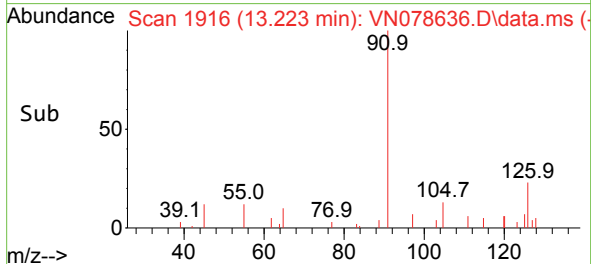
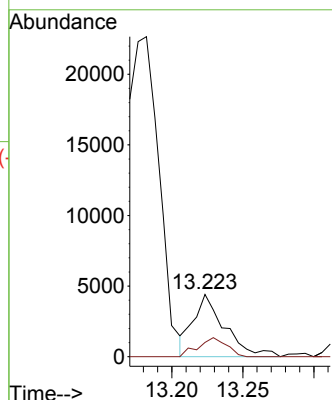
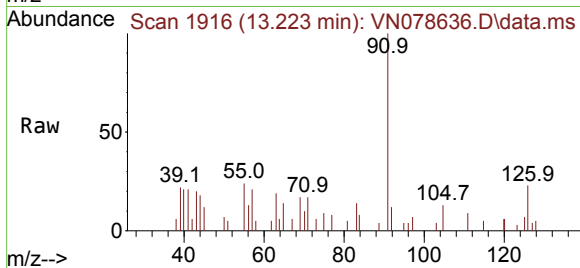
SWC-1ME

Tgt Ion: 91 Resp: 6803

Ion Ratio Lower Upper

91 100

126 27.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 12.333 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078636.D

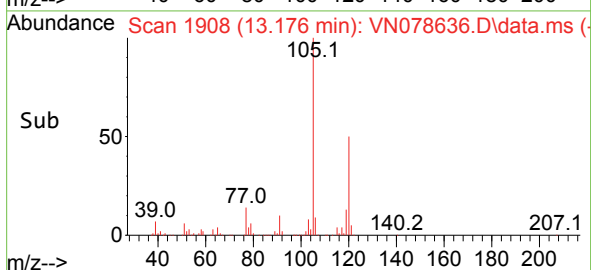
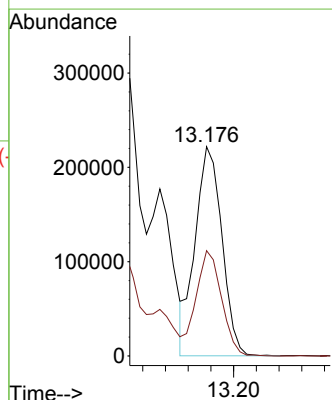
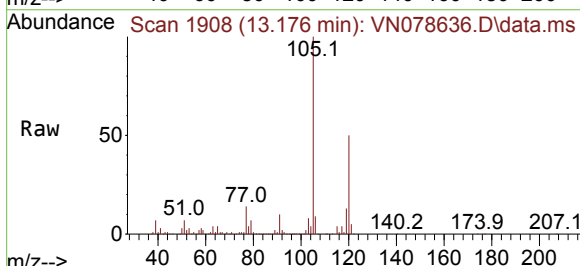
Acq: 24 Jul 2023 14:17

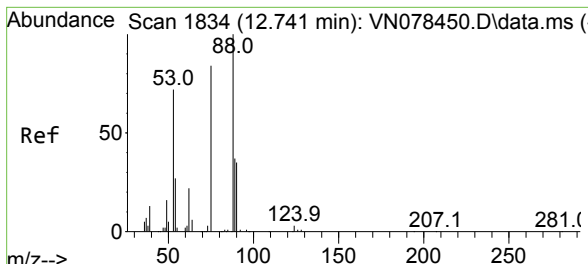
Tgt Ion:105 Resp: 362646

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

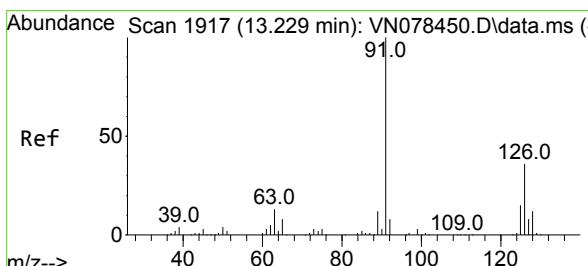
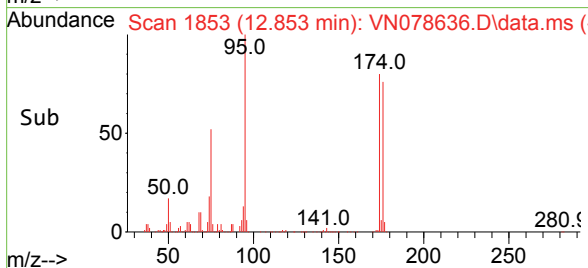
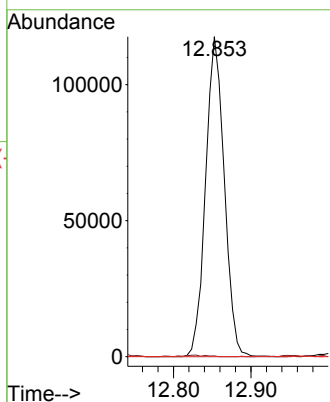
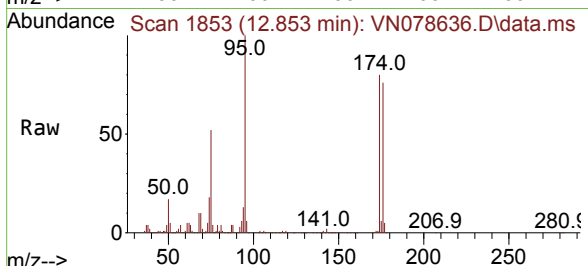




#81
trans-1,4-Dichloro-2-butene
Concen: 54.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

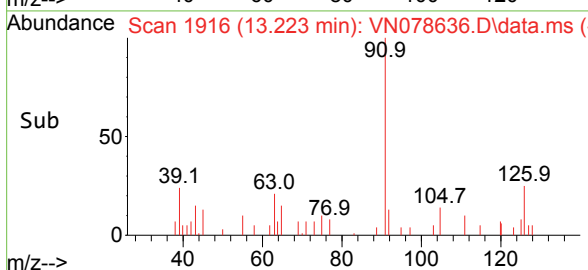
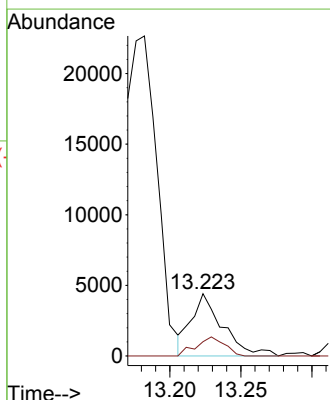
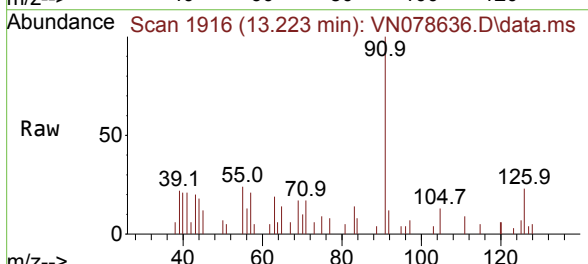
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

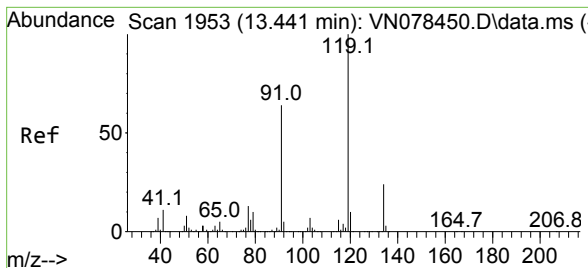
Tgt Ion: 75 Resp: 196735
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.280 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 91 Resp: 6803
Ion Ratio Lower Upper
91 100
126 27.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 6.437 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.047 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

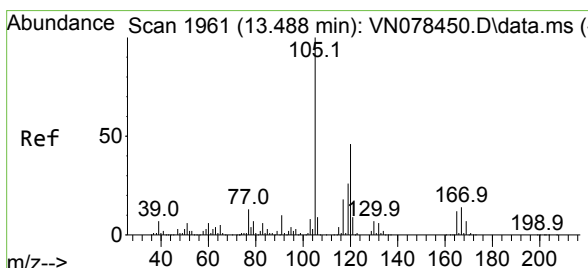
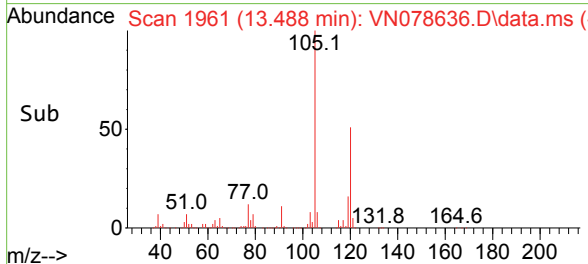
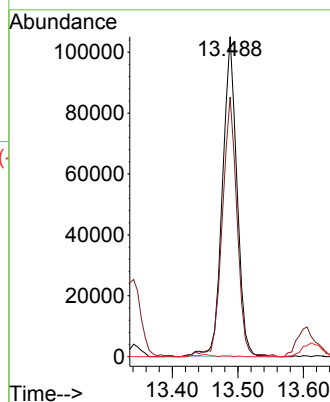
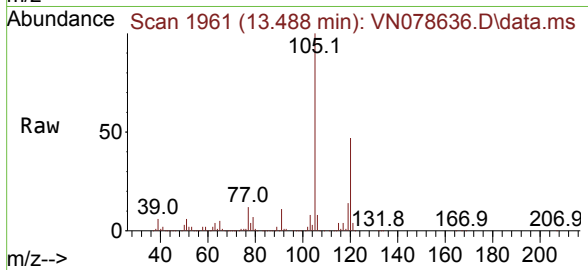
Tgt Ion:119 Resp: 160691

Ion Ratio Lower Upper

119 100

91 82.5 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 42.989 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078636.D

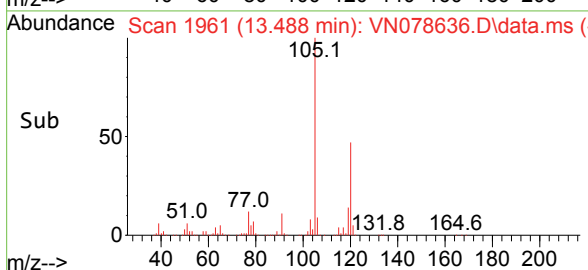
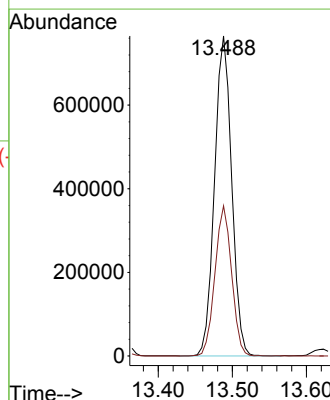
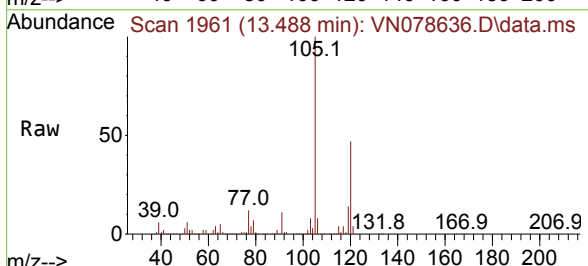
Acq: 24 Jul 2023 14:17

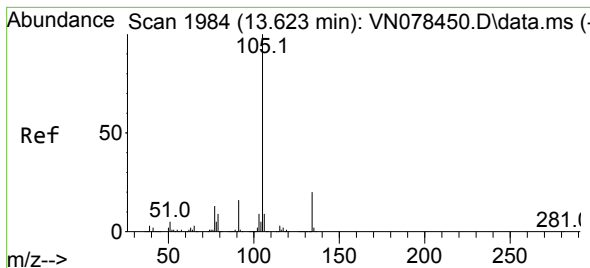
Tgt Ion:105 Resp: 1227776

Ion Ratio Lower Upper

105 100

120 45.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 38.910 ug/l

RT: 13.488 min Scan# 1984

Delta R.T. -0.135 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

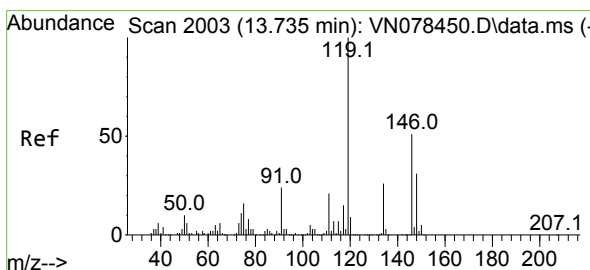
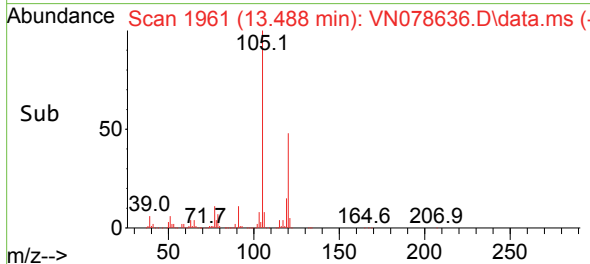
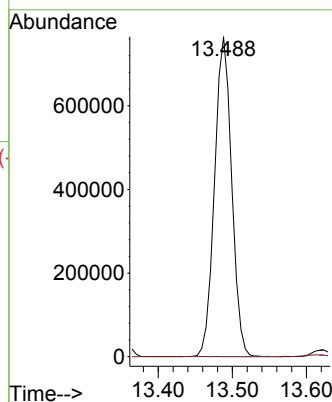
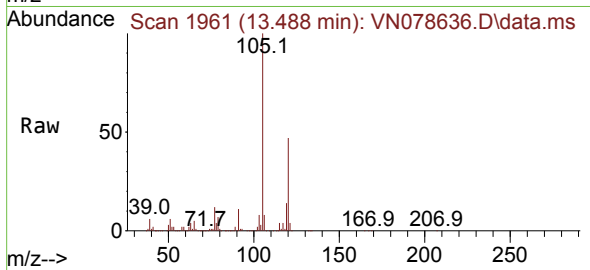
SWC-1ME

Tgt Ion:105 Resp: 1227776

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.675 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078636.D

Acq: 24 Jul 2023 14:17

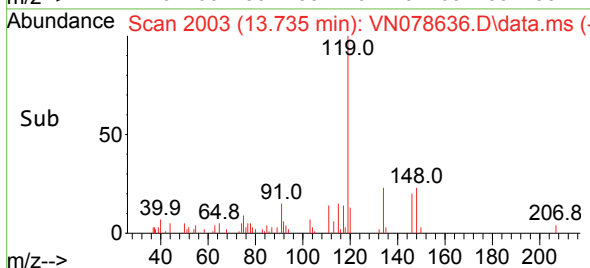
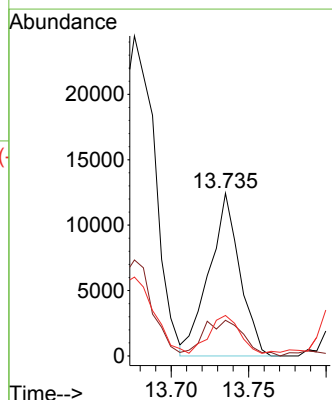
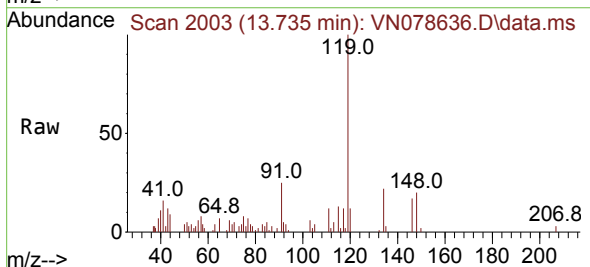
Tgt Ion:119 Resp: 17100

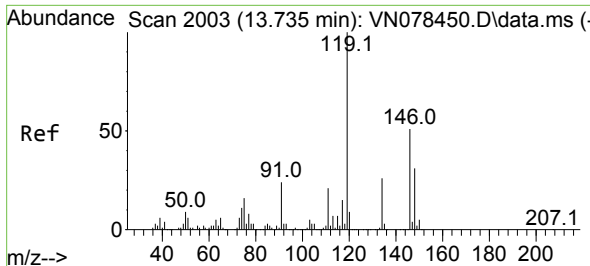
Ion Ratio Lower Upper

119 100

134 29.0 12.6 37.8

91 23.1 12.4 37.2

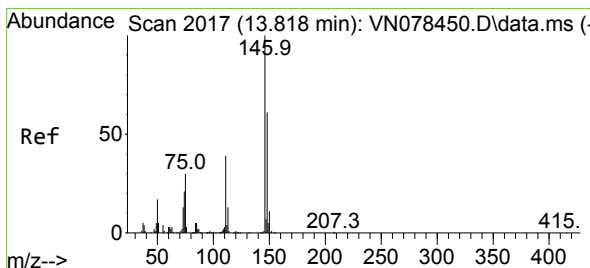
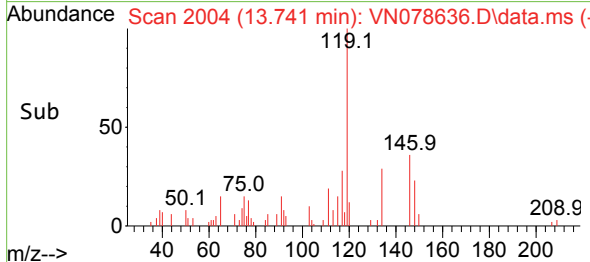
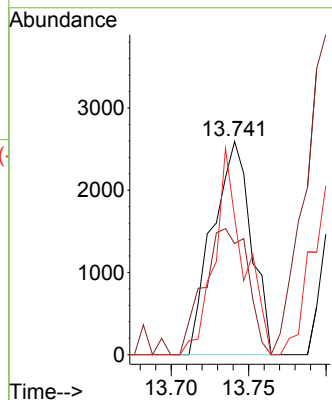
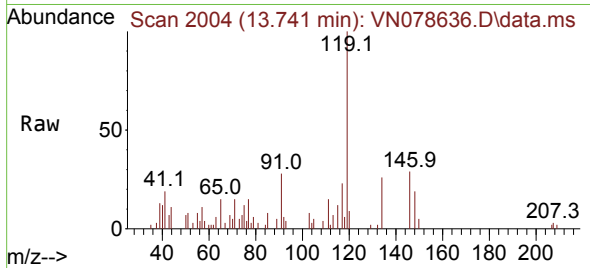




#87
1,3-Dichlorobenzene
Concen: 0.314 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

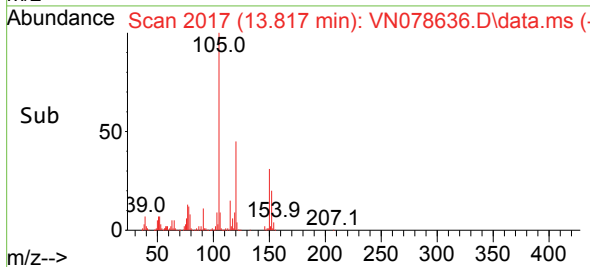
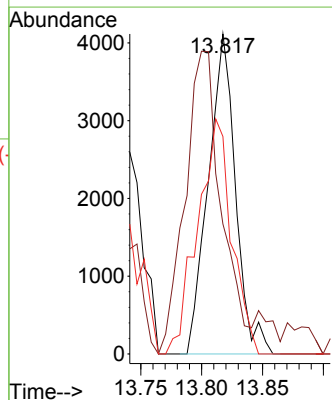
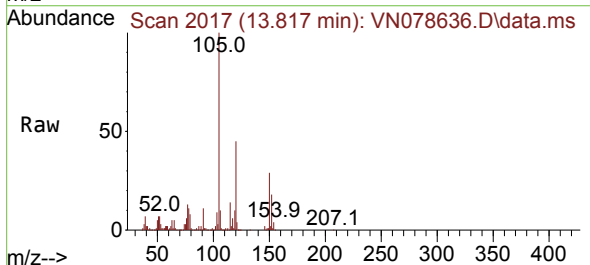
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

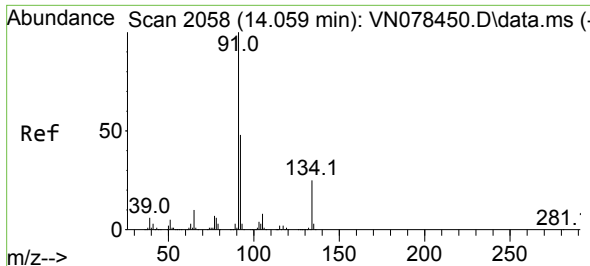
Tgt Ion:146 Resp: 4489
Ion Ratio Lower Upper
146 100
111 67.9 22.1 66.3#
148 72.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.446 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion:146 Resp: 6415
Ion Ratio Lower Upper
146 100
111 126.5 20.6 61.8#
148 91.5 31.6 94.8

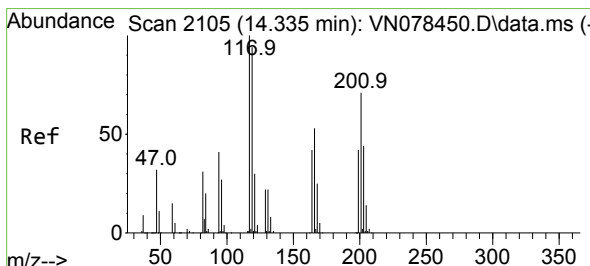
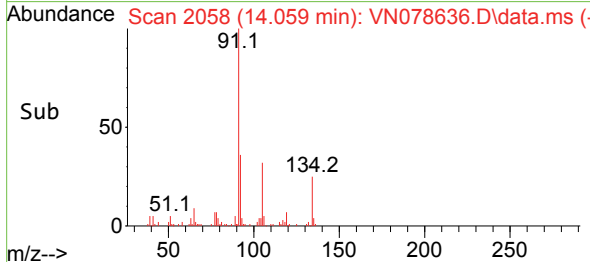
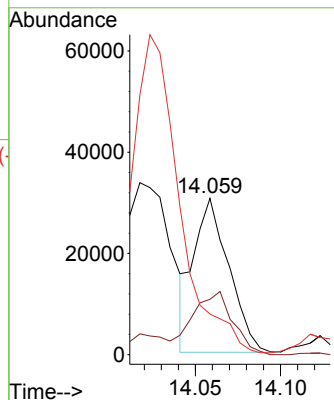
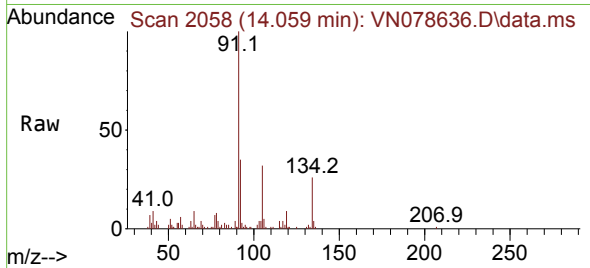




#89
n-Butylbenzene
Concen: 2.402 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

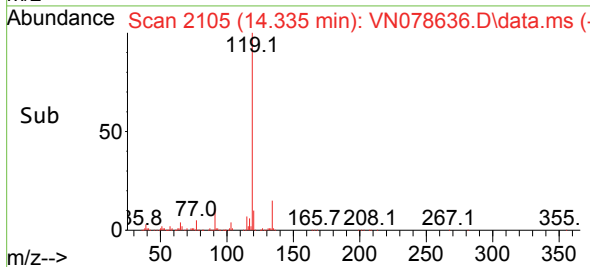
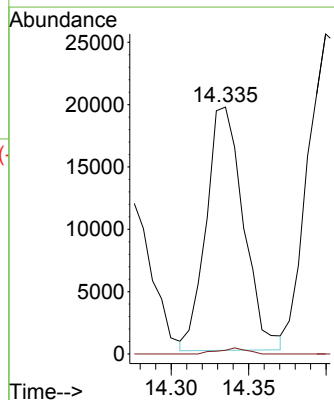
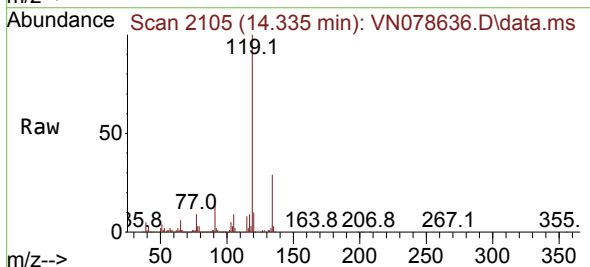
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

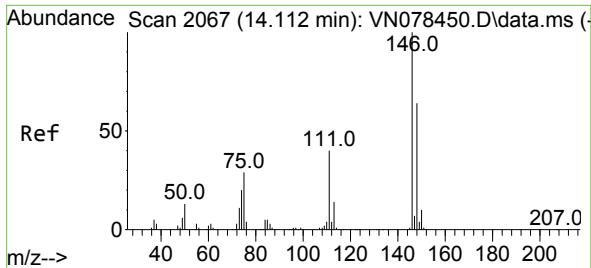
Tgt Ion: 91 Resp: 43540
Ion Ratio Lower Upper
91 100
92 47.4 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 6.322 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 117 Resp: 32758
Ion Ratio Lower Upper
117 100
201 1.8 29.3 88.0#

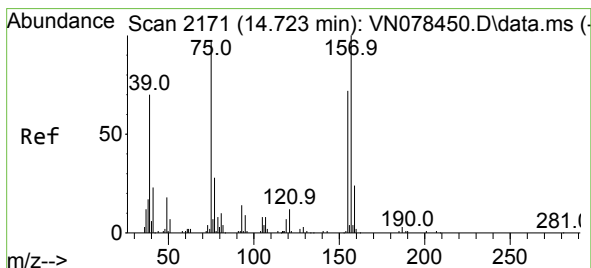
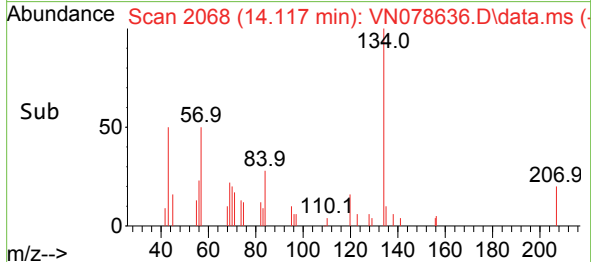
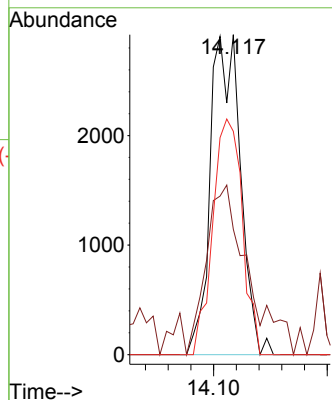
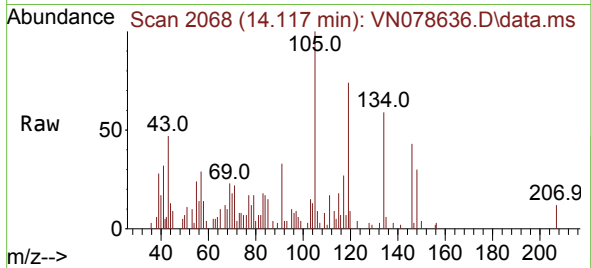




#91
1,2-Dichlorobenzene
Concen: 0.377 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.005 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

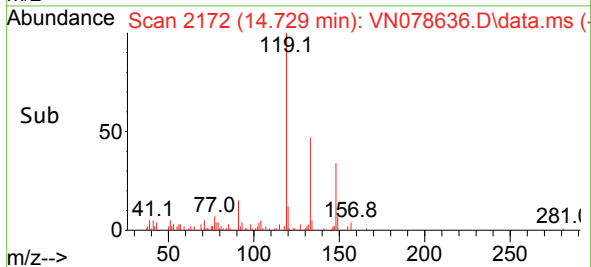
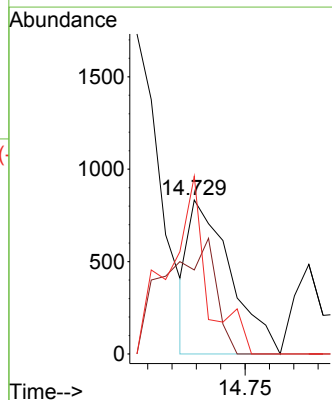
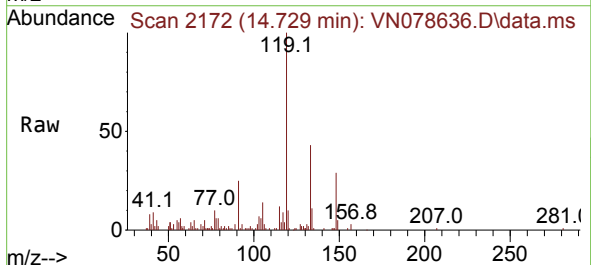
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

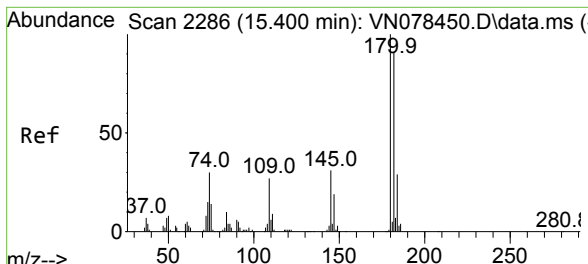
Tgt Ion:146 Resp: 5354
Ion Ratio Lower Upper
146 100
111 73.6 22.0 66.0#
148 72.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078636.D
Acq: 24 Jul 2023 14:17

Tgt Ion: 75 Resp: 997
Ion Ratio Lower Upper
75 100
155 90.8 39.1 117.2
157 105.3 50.3 150.9

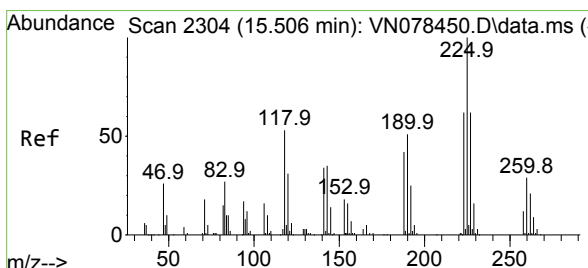
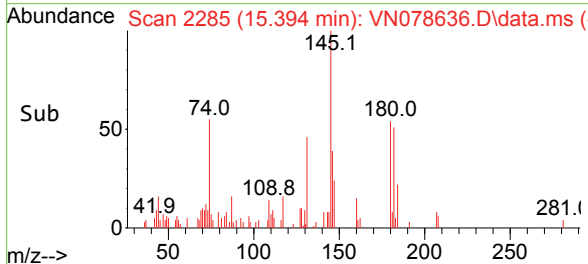
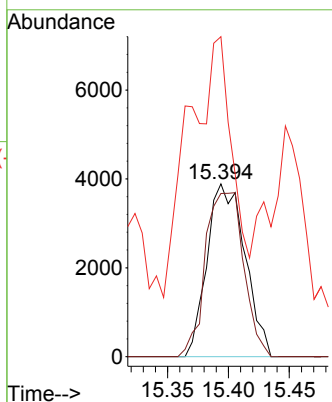
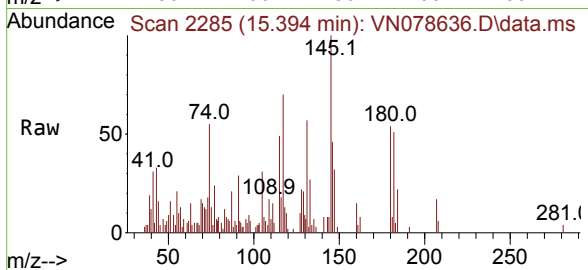




#93
 1,2,4-Trichlorobenzene
 Concen: 1.860 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078636.D
 Acq: 24 Jul 2023 14:17

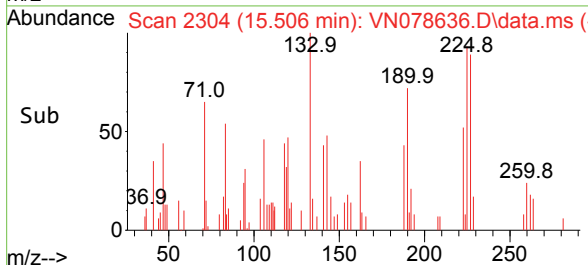
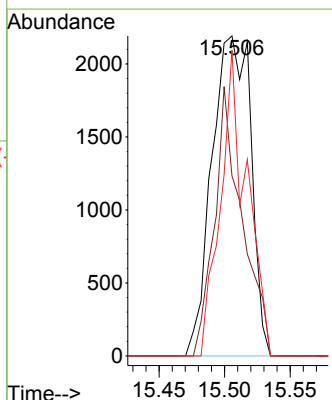
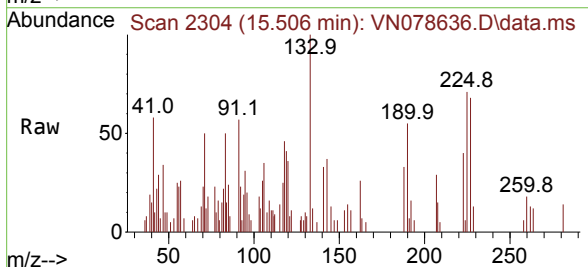
Instrument : MSVOA_N
 ClientSampleId : SWC-1ME

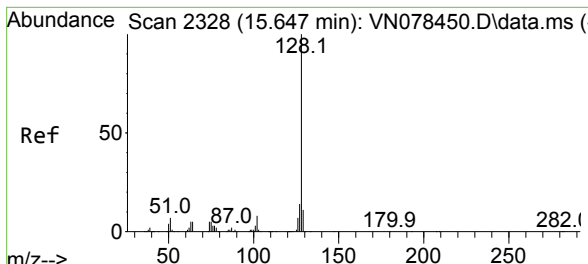
Tgt Ion:	180	Resp:	8441
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.1	138.2
145	236.4	16.6	49.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078636.D
 Acq: 24 Jul 2023 14:17

Tgt Ion:	225	Resp:	4521
Ion Ratio	Lower	Upper	
225	100		
223	59.5	31.3	93.8
227	64.9	31.9	95.9



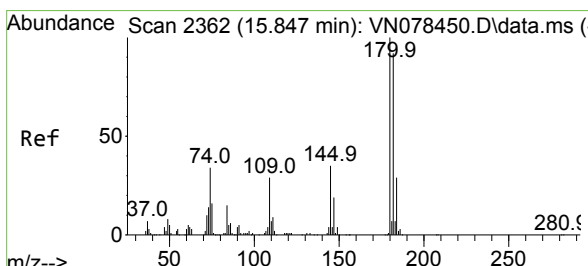
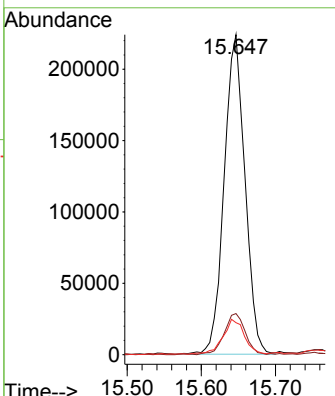
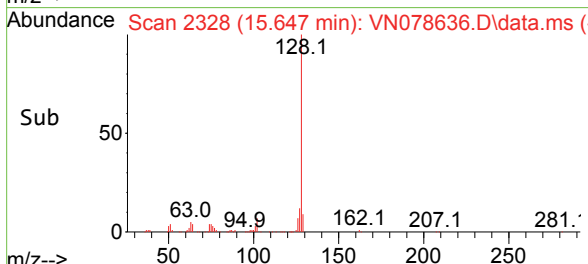
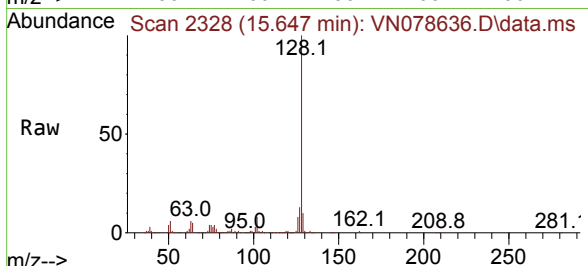


#95
 Naphthalene
 Concen: 28.124 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078636.D
 Acq: 24 Jul 2023 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SWC-1ME

Tgt Ion:128 Resp: 436269

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	11.2	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 2.059 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN078636.D
 Acq: 24 Jul 2023 14:17

Tgt Ion:180 Resp: 10745

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.2	138.6
145	0.0	17.5	52.6#

