

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076271.D
 Acq On : 17 Jan 2023 11:27
 Operator : JC\MD
 Sample : VN0117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117MBL01

Quant Time: Jan 18 00:50:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	319330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	415696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167134	46.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.480%		
35) Dibromofluoromethane	8.171	113	150350	48.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.571	98	566225	49.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.853	95	165919	44.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.320%		
Target Compounds						Qvalue
5) Bromomethane	2.983	94	945	0.278	ug/l	91
13) Acrolein	4.200	56	547	0.956	ug/l #	31
15) Acrylonitrile	5.736	53	849	0.624	ug/l #	82
16) Acetone	4.459	43	1300	1.061	ug/l	94
17) Carbon Disulfide	4.730	76	2498	0.328	ug/l #	69
20) Methylene Chloride	5.306	84	138	Below Cal	#	14
25) 2-Butanone	7.500	43	1065	0.608	ug/l #	40
31) Cyclohexane	8.224	56	7107	1.294	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	23294	5.260	ug/l #	48
38) Carbon Tetrachloride	8.235	117	31463	6.371	ug/l #	16
43) Isopropyl Acetate	8.735	43	8618	1.491	ug/l #	51
49) 1,4-Dioxane	9.706	88	53	0.918	ug/l #	31
51) 4-Methyl-2-Pentanone	10.447	43	1750	0.516	ug/l	96
59) 2-Hexanone	11.194	43	4092	1.665	ug/l	92
65) Chlorobenzene	11.888	112	2094	0.238	ug/l	99
68) m/p-Xylenes	12.076	106	1356	0.225	ug/l	96
71) Bromoform	12.847	173	1133	0.480	ug/l #	1
74) N-amyl acetate	12.500	43	2008	0.565	ug/l #	87
76) 1,2,3-Trichloropropane	12.853	75	86267	29.248	ug/l #	1
77) Bromobenzene	12.982	156	1063	Below Cal		92
78) n-propylbenzene	13.035	91	3550	0.255	ug/l	97
79) 2-Chlorotoluene	13.123	91	2323	0.271	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	86267	89.845	ug/l #	11
82) 4-Chlorotoluene	13.123	91	2323	0.271	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	2282	0.220	ug/l	92
85) sec-Butylbenzene	13.617	105	2909	0.228	ug/l	93
86) p-Isopropyltoluene	13.735	119	2422	0.231	ug/l	91
87) 1,3-Dichlorobenzene	13.735	146	4071	0.699	ug/l	87
88) 1,4-Dichlorobenzene	13.735	146	4071	0.834	ug/l	87
89) n-Butylbenzene	14.064	91	4781	0.573	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	3823	0.659	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	4757	2.958	ug/l	96
94) Hexachlorobutadiene	15.506	225	355	0.231	ug/l	82
95) Naphthalene	15.647	128	22735	4.477	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	5484	3.159	ug/l	91

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QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

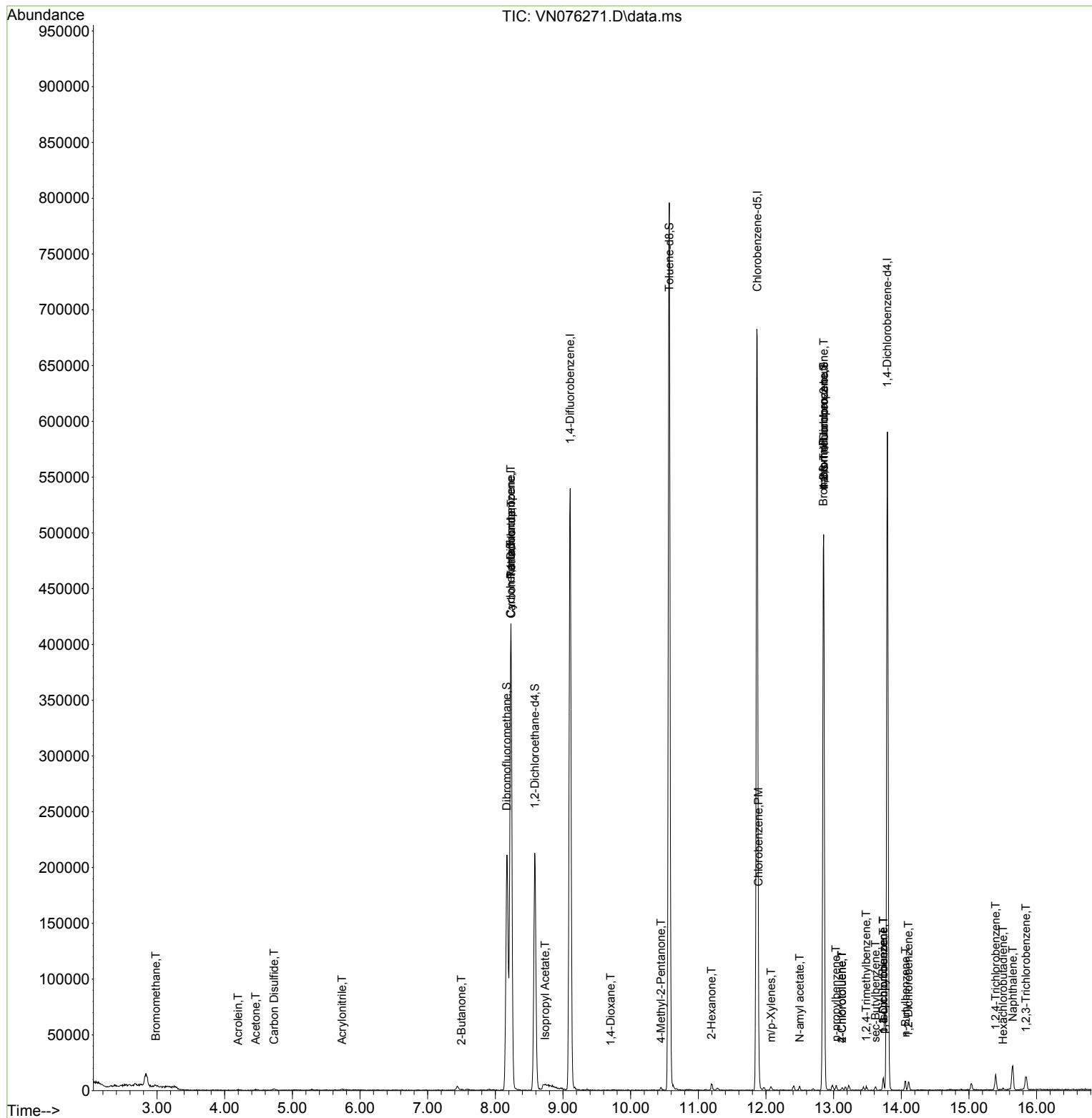
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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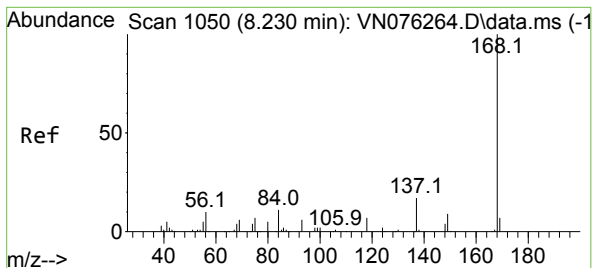
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

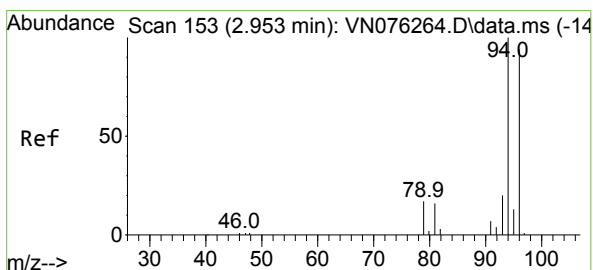
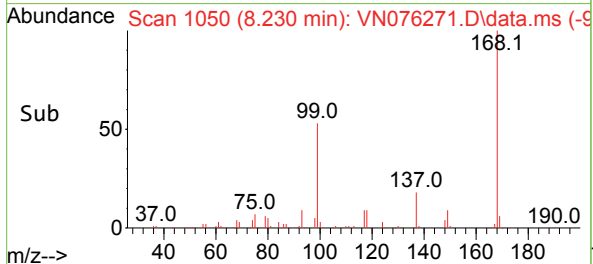
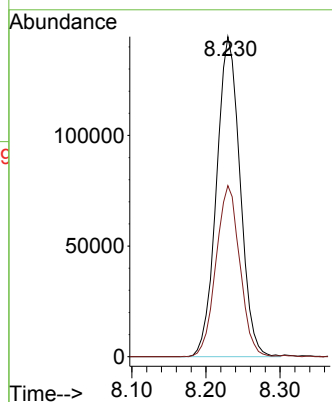
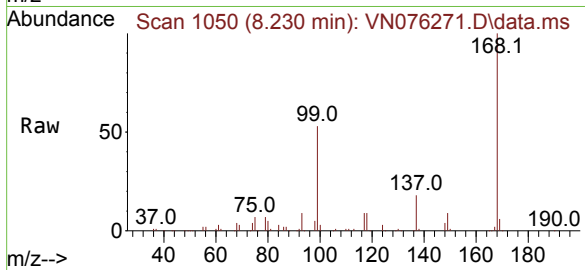
VN0117MBL01

Tgt Ion:168 Resp: 319330

Ion Ratio Lower Upper

168 100

99 53.5 41.6 62.4



#5

Bromomethane

Concen: 0.278 ug/l

RT: 2.983 min Scan# 158

Delta R.T. 0.030 min

Lab File: VN076271.D

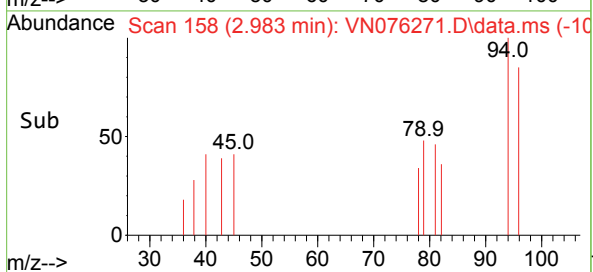
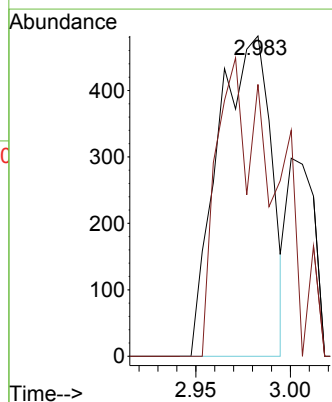
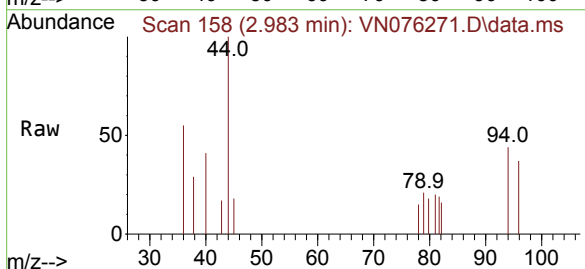
Acq: 17 Jan 2023 11:27

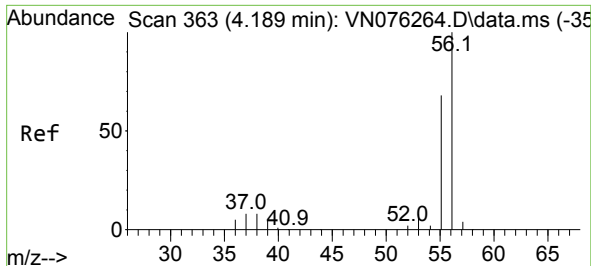
Tgt Ion: 94 Resp: 945

Ion Ratio Lower Upper

94 100

96 84.9 75.1 112.7

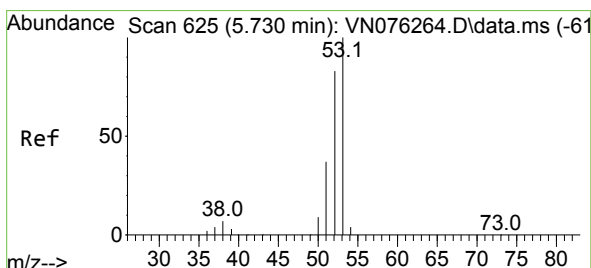
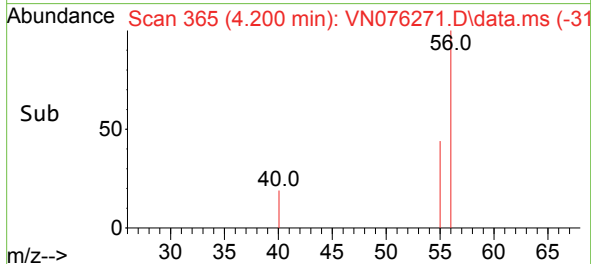
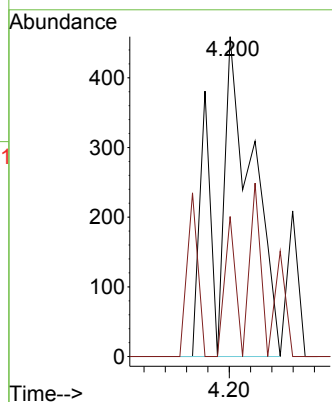
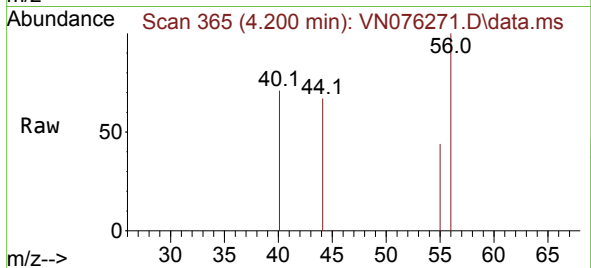




#13
Acrolein
Concen: 0.956 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.011 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

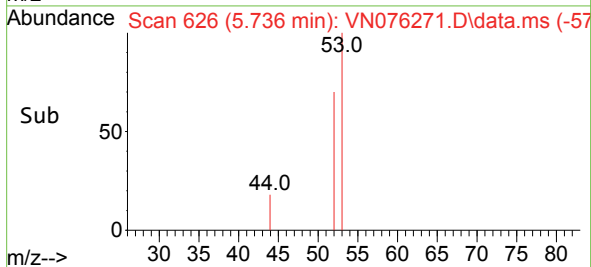
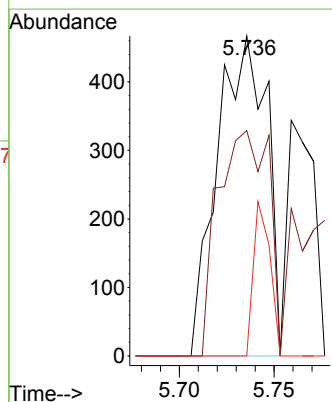
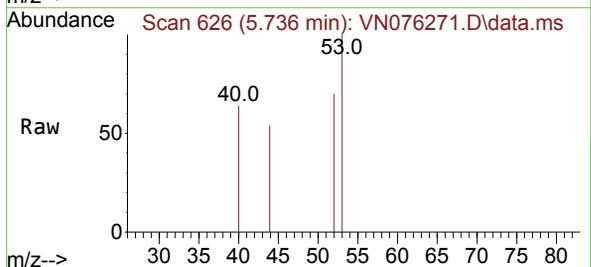
Instrument :
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ClientSampleId :
VN0117MBL01

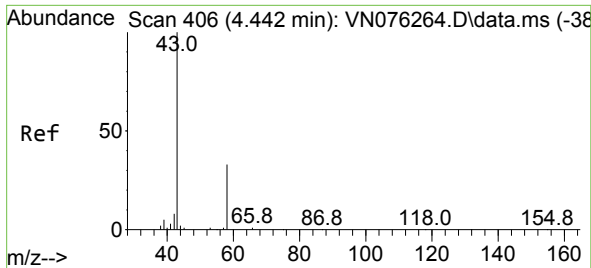
Tgt Ion: 56 Resp: 547
Ion Ratio Lower Upper
56 100
55 13.0 55.8 83.6#



#15
Acrylonitrile
Concen: 0.624 ug/l
RT: 5.736 min Scan# 626
Delta R.T. 0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 53 Resp: 849
Ion Ratio Lower Upper
53 100
52 71.7 64.7 97.1
51 16.1 29.2 43.8#

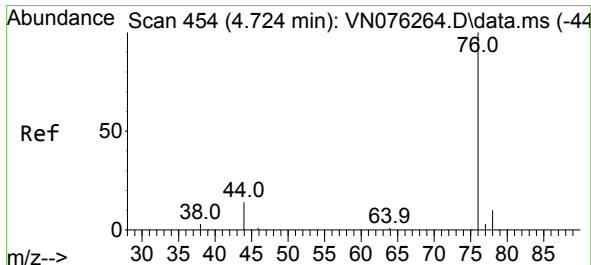
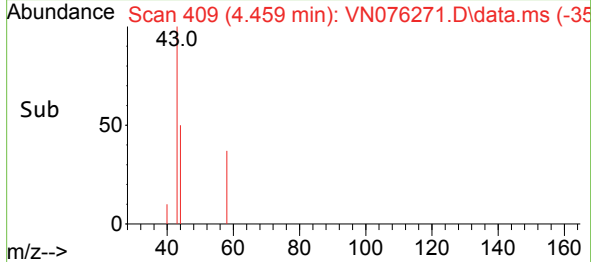
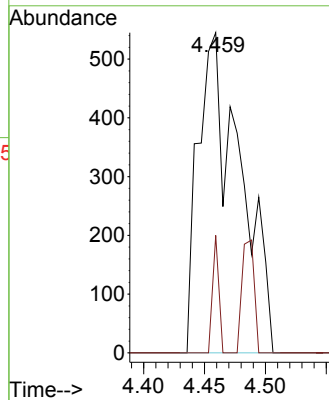
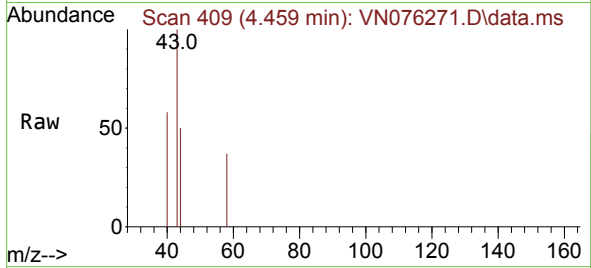




#16
Acetone
Concen: 1.061 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

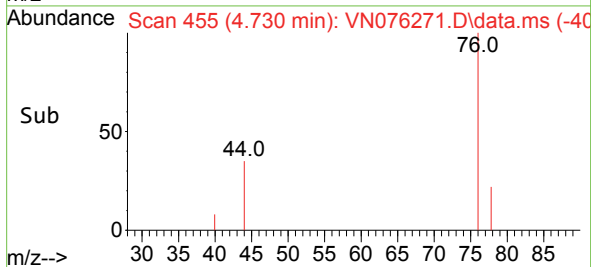
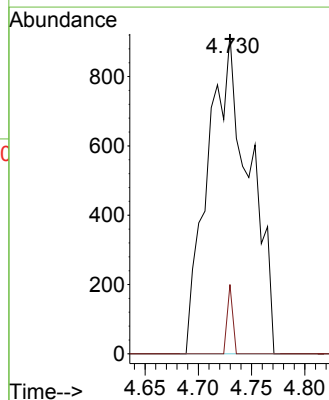
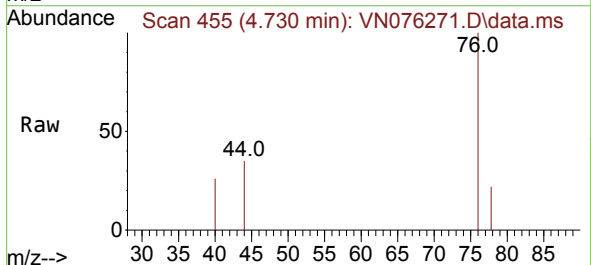
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

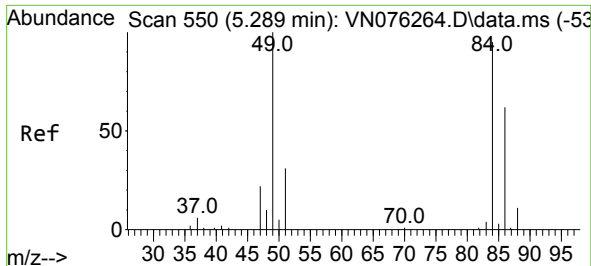
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 36.7 26.7 40.1



#17
Carbon Disulfide
Concen: 0.328 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

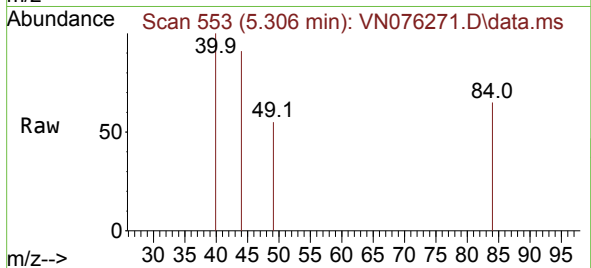
Tgt Ion: 76 Resp: 2498
Ion Ratio Lower Upper
76 100
78 21.7 8.0 12.0#



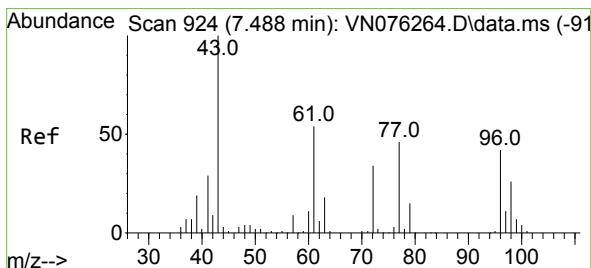
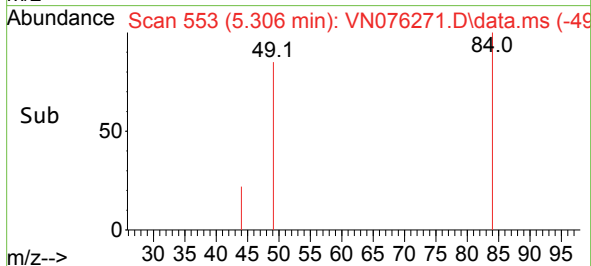
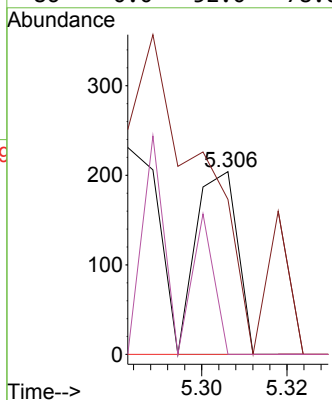


#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

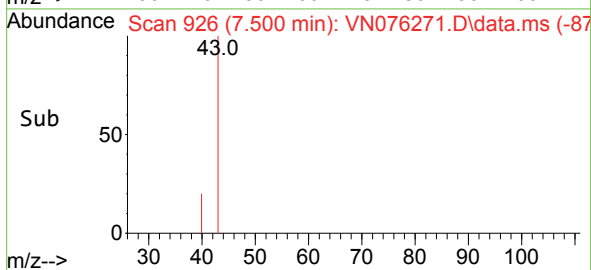
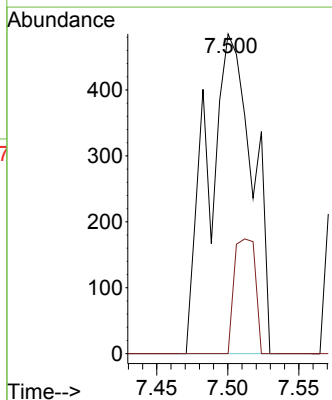
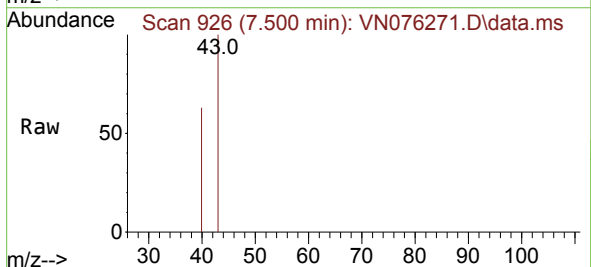


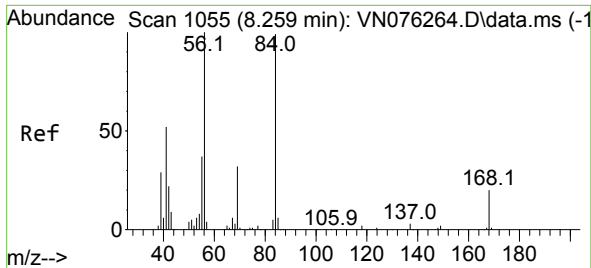
Tgt Ion: 84	Resp: 138
Ion Ratio	Lower Upper
84 100	
49 6.4	84.5 126.7#
51 0.0	26.0 39.0#
86 0.0	52.0 78.0#



#25
2-Butanone
Concen: 0.608 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 43	Resp: 1065		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	27.4	41.2#	

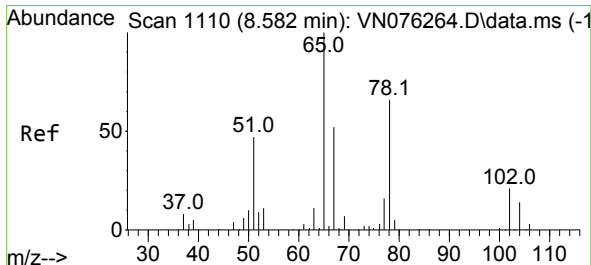
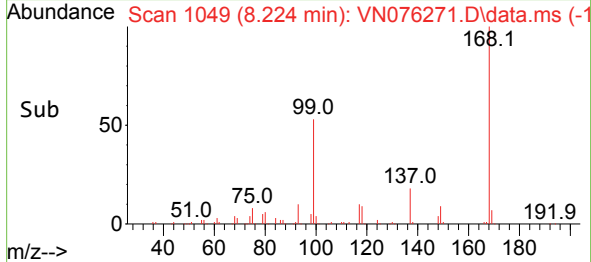
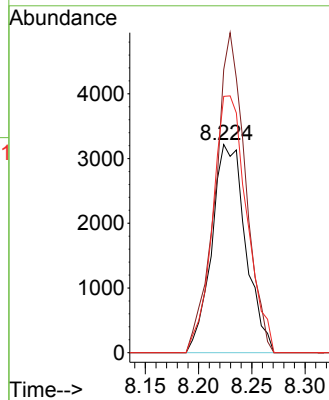
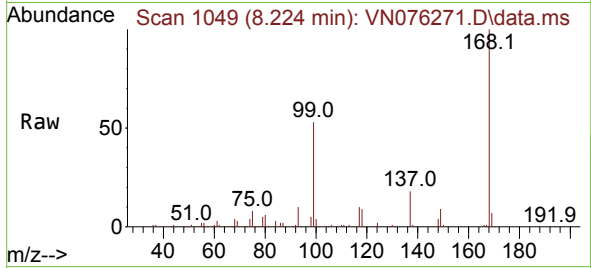




#31
Cyclohexane
Concen: 1.294 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

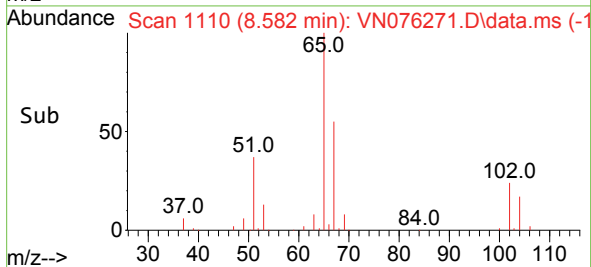
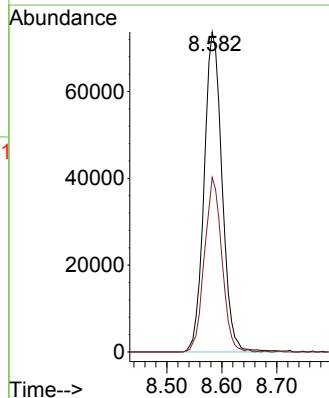
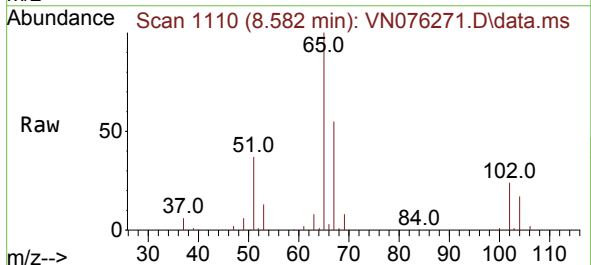
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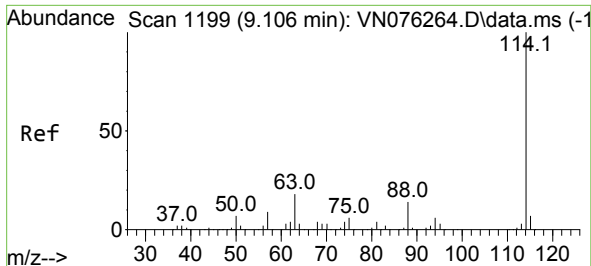
Tgt Ion: 56 Resp: 7107
Ion Ratio Lower Upper
56 100
69 135.9 25.8 38.8#
84 123.1 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 46.744 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 65 Resp: 167134
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0117MBL01

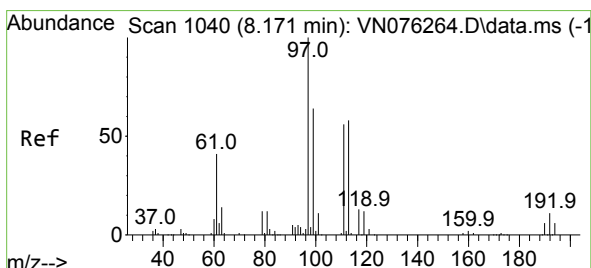
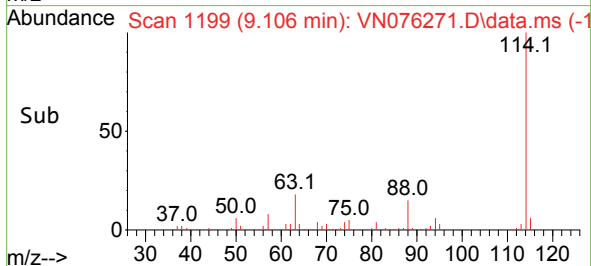
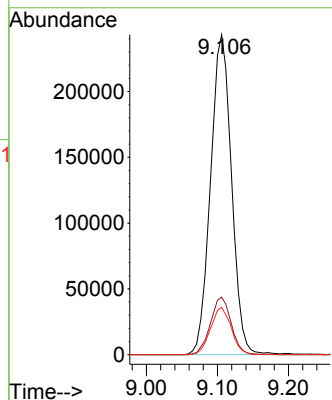
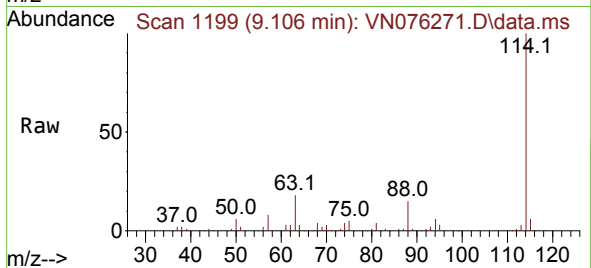
Tgt Ion:114 Resp: 498236

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 14.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.241 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

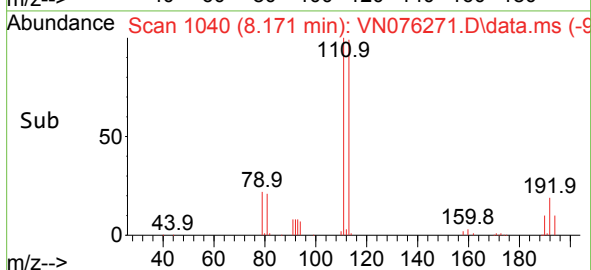
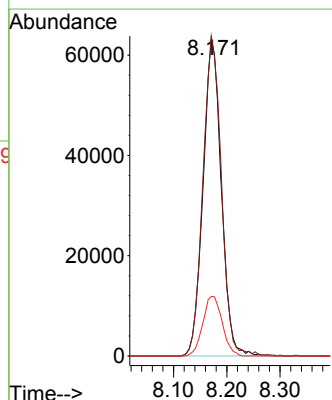
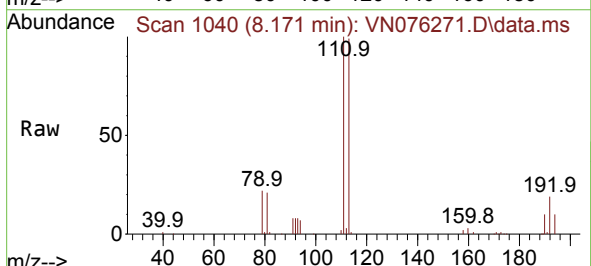
Tgt Ion:113 Resp: 150350

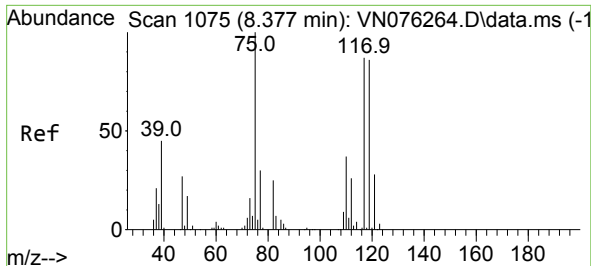
Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 20.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.260 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076271.D

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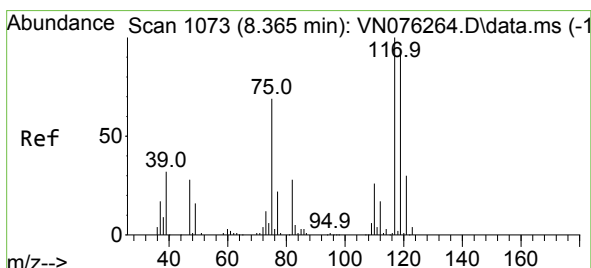
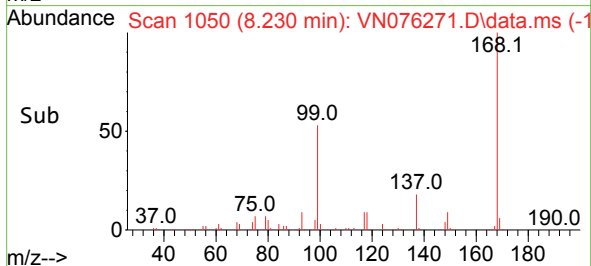
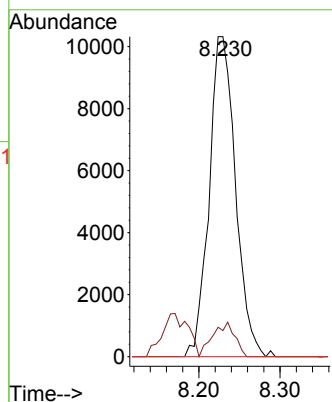
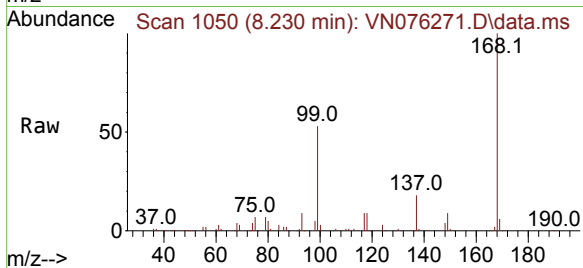
Tgt Ion: 75 Resp: 23294

Ion Ratio Lower Upper

75 100

110 9.0 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.371 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.130 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

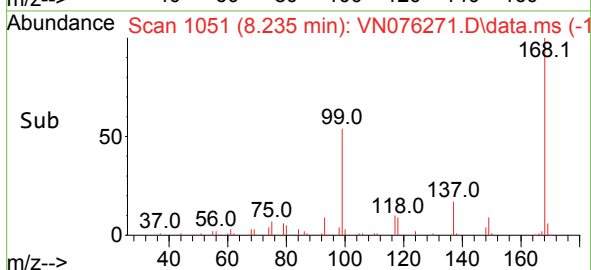
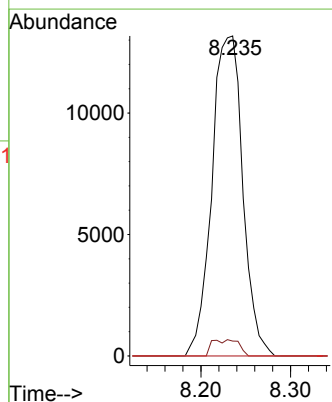
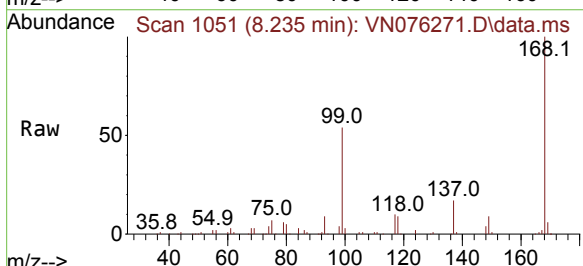
Tgt Ion: 117 Resp: 31463

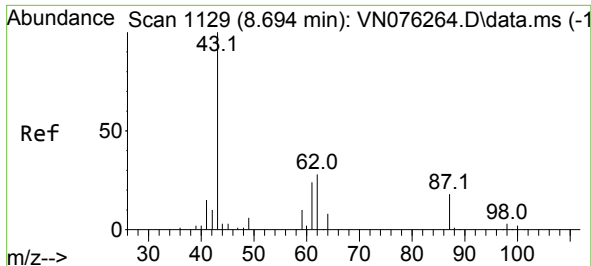
Ion Ratio Lower Upper

117 100

119 4.7 75.4 113.0#

121 0.0 24.2 36.2#

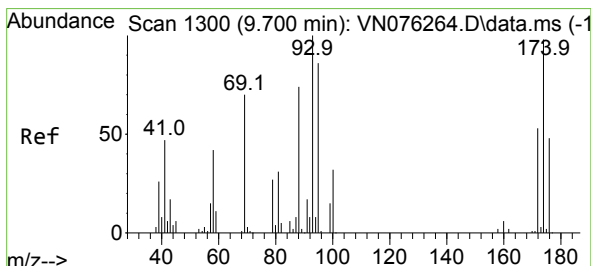
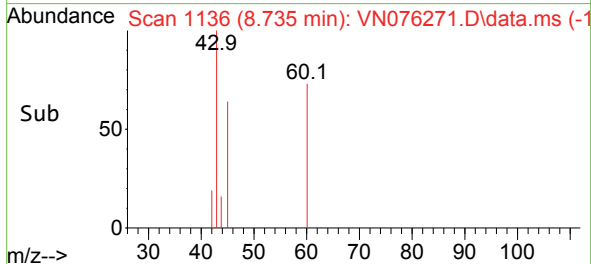
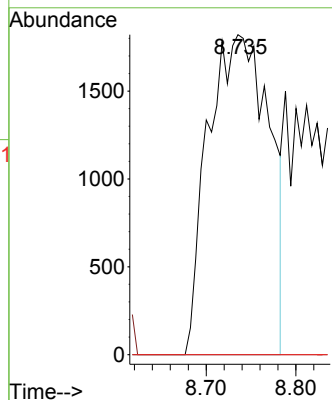
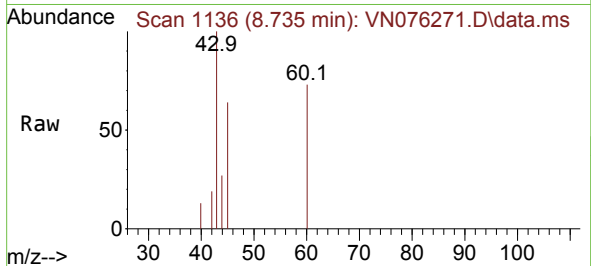




#43
Isopropyl Acetate
Concen: 1.491 ug/l
RT: 8.735 min Scan# 1136
Delta R.T. 0.041 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

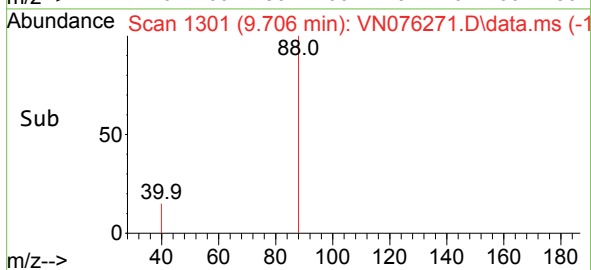
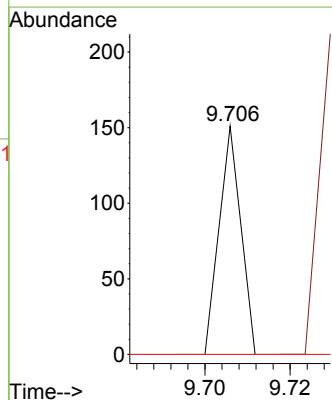
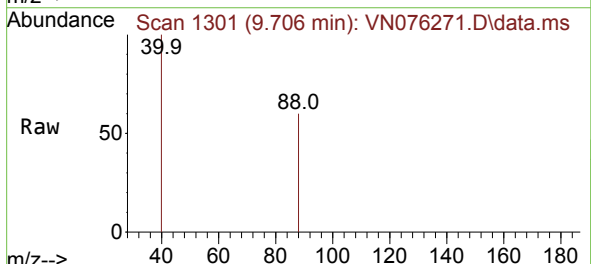
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

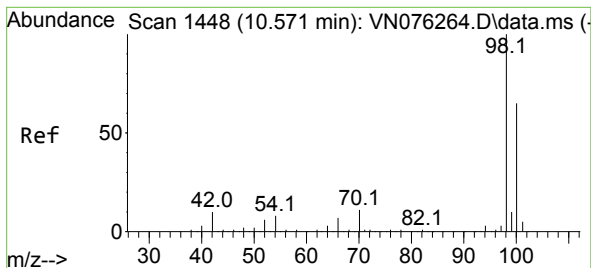
Tgt Ion: 43 Resp: 8618
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#49
1,4-Dioxane
Concen: 0.918 ug/l
RT: 9.706 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 18.1 27.1#
58 0.0 46.5 69.7#

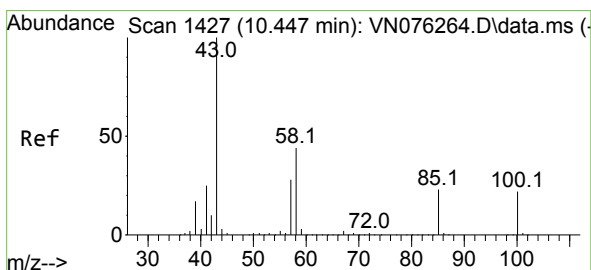
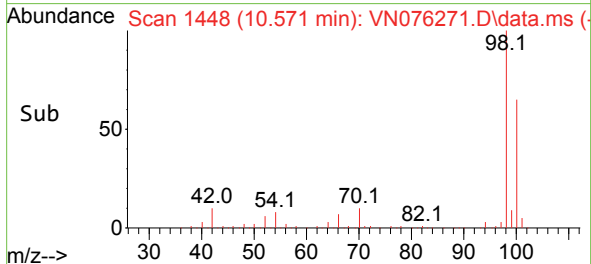
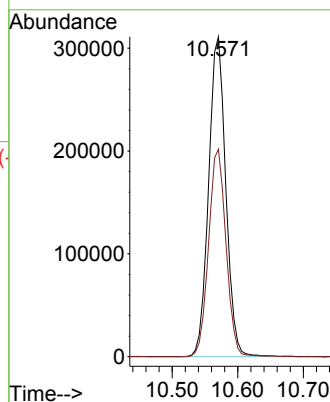
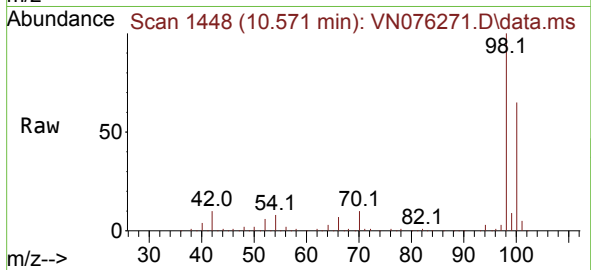




#50
Toluene-d8
Concen: 49.193 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

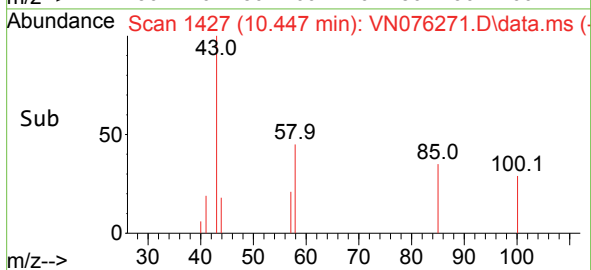
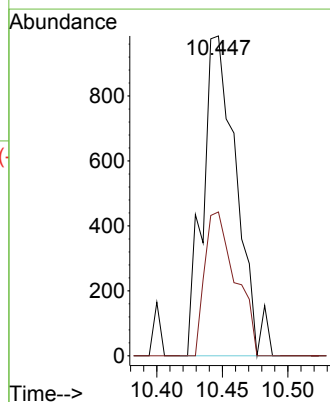
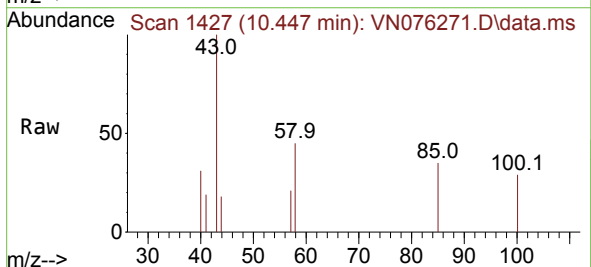
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

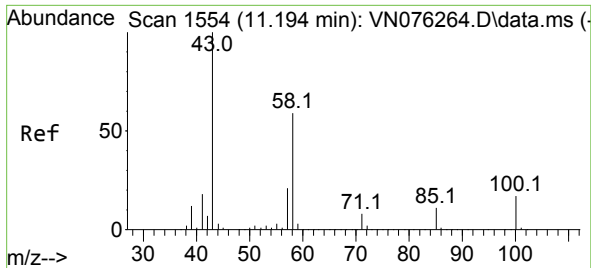
Tgt Ion: 98 Resp: 566225
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
58 41.6 35.1 52.7

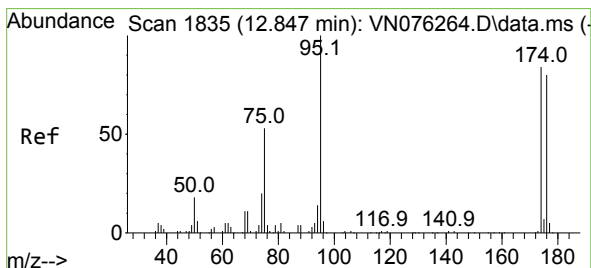
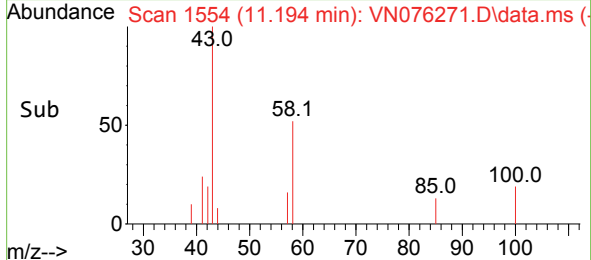
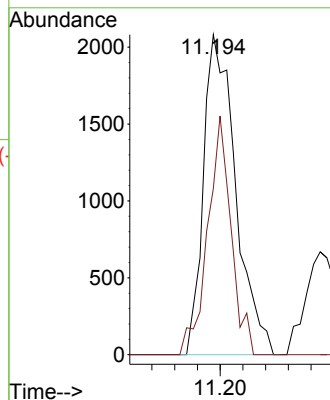
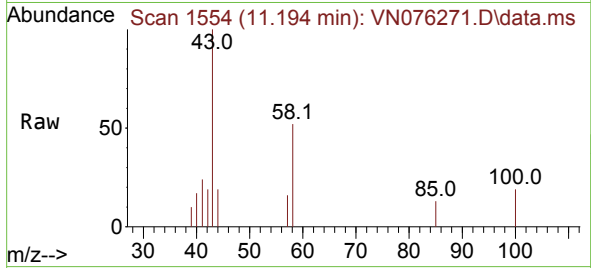




#59
2-Hexanone
Concen: 1.665 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

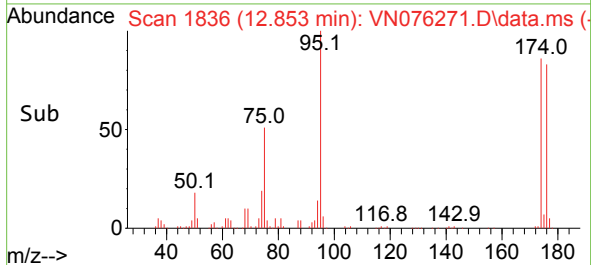
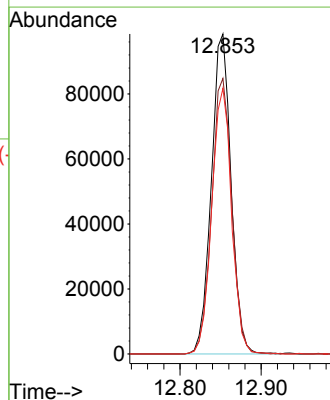
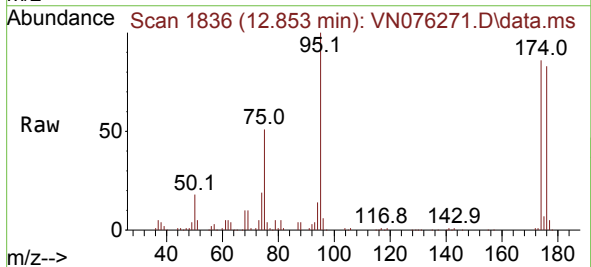
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

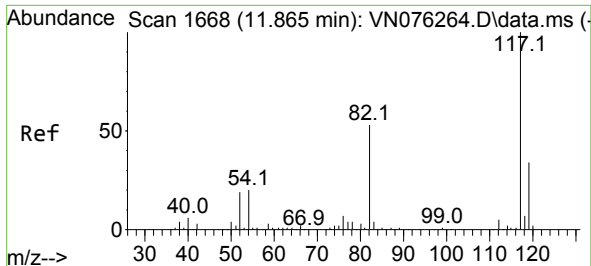
Tgt Ion: 43 Resp: 4092
Ion Ratio Lower Upper
43 100
58 54.3 30.1 90.3



#62
4-Bromofluorobenzene
Concen: 44.156 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 95 Resp: 165919
Ion Ratio Lower Upper
95 100
174 88.2 0.0 174.6
176 83.7 0.0 167.8

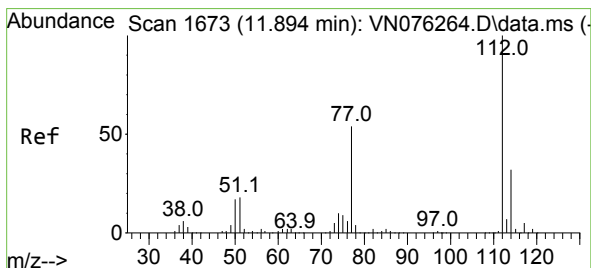
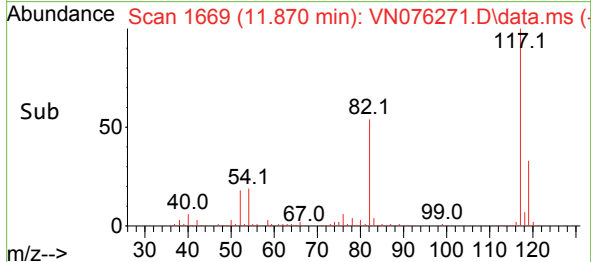
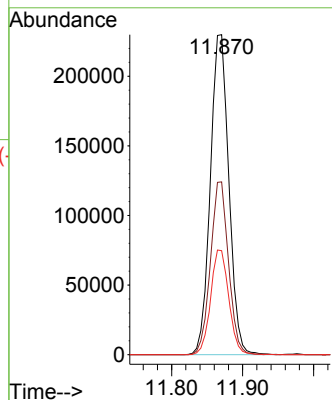
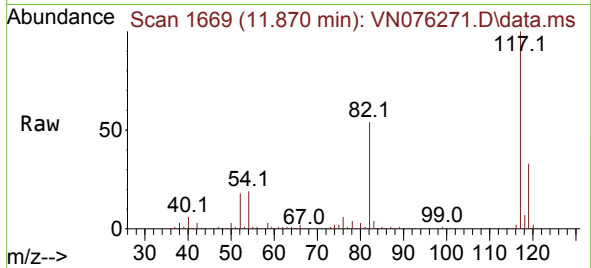




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

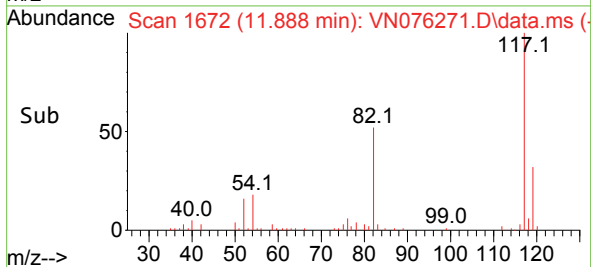
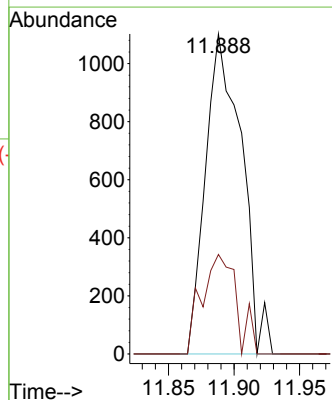
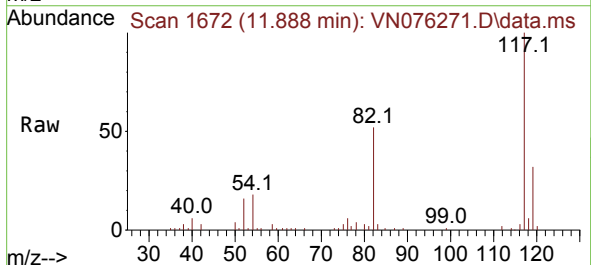
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

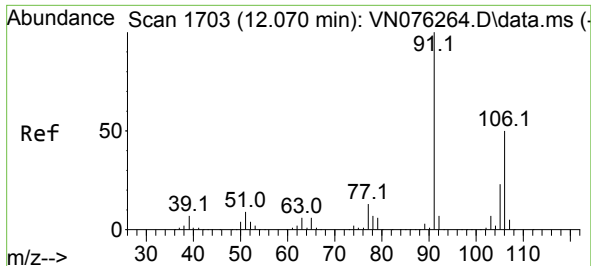
Tgt Ion:117 Resp: 415696
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 32.5 26.9 40.3



#65
Chlorobenzene
Concen: 0.238 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion:112 Resp: 2094
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9

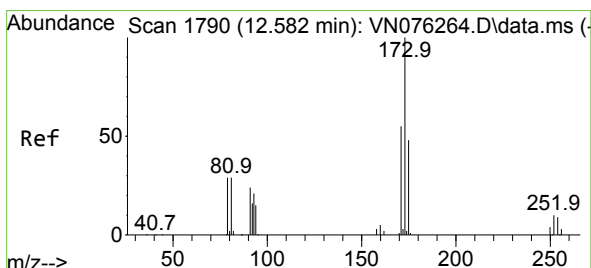
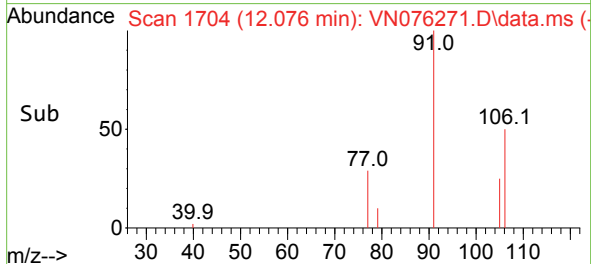
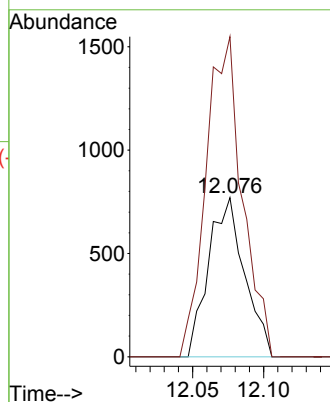
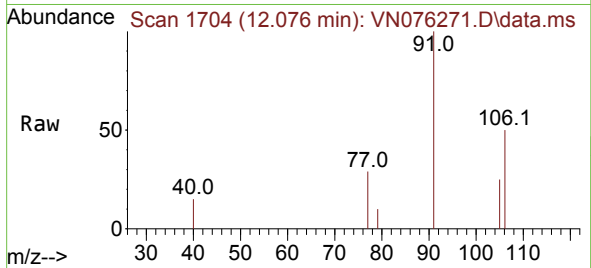




#68
m/p-Xylenes
Concen: 0.225 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

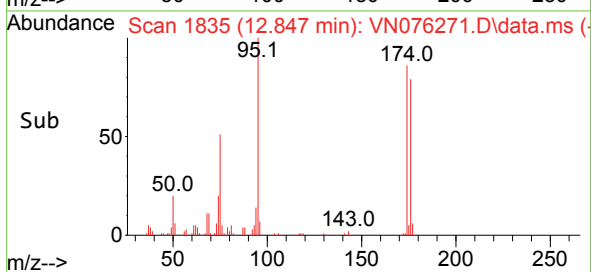
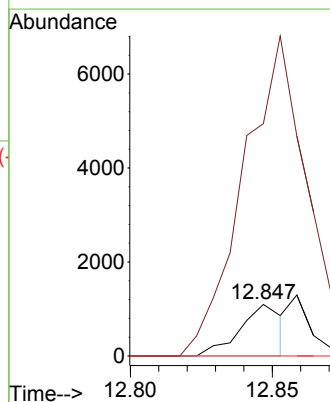
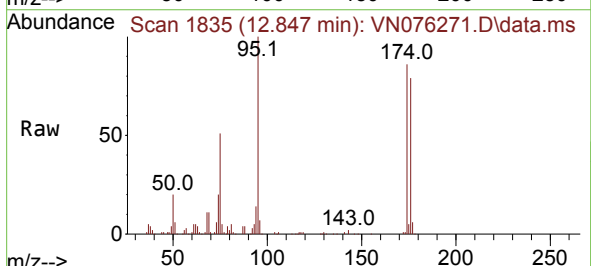
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

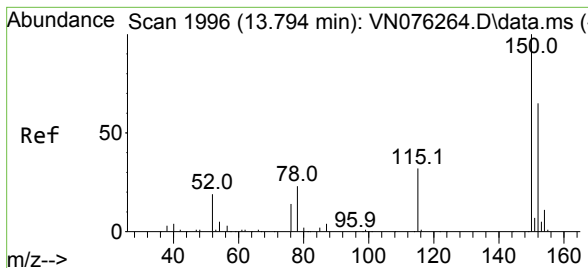
Tgt Ion:106 Resp: 1356
Ion Ratio Lower Upper
106 100
91 202.9 157.5 236.3



#71
Bromoform
Concen: 0.480 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion:173 Resp: 1133
Ion Ratio Lower Upper
173 100
175 778.5 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0117MBL01

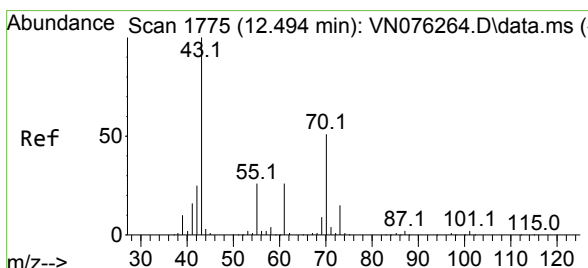
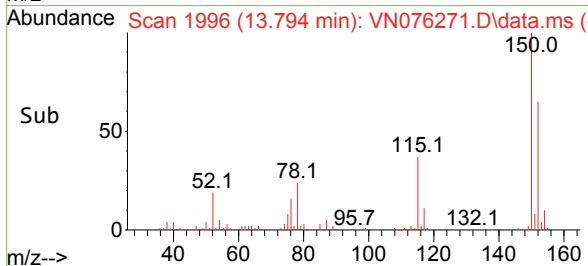
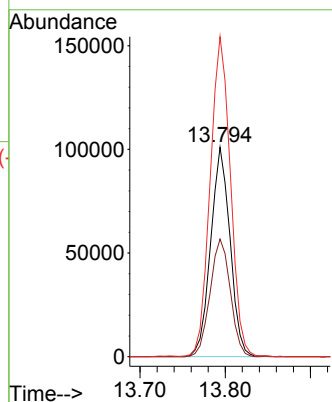
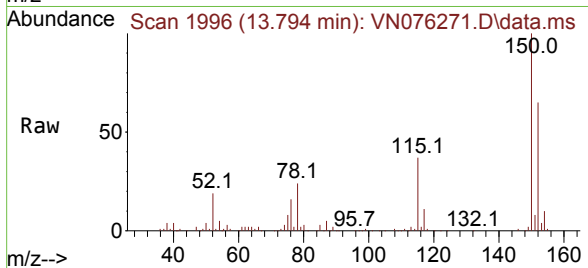
Tgt Ion:152 Resp: 159757

Ion Ratio Lower Upper

152 100

115 58.5 29.6 88.9

150 159.5 0.0 351.4



#74

N-ethyl acetate

Concen: 0.565 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Tgt Ion: 43 Resp: 2008

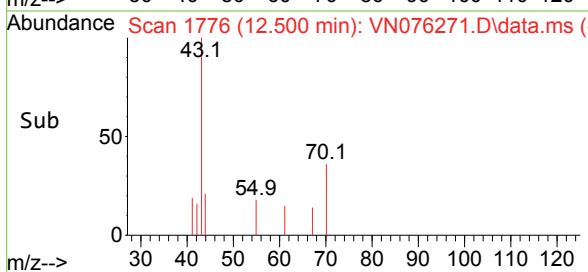
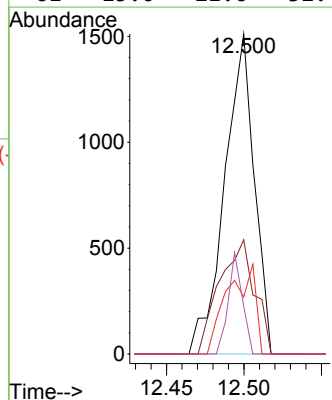
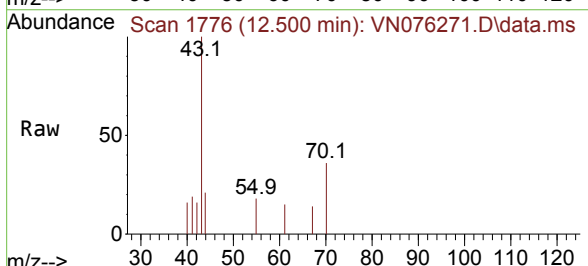
Ion Ratio Lower Upper

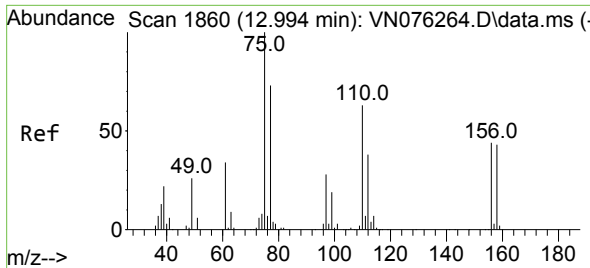
43 100

70 42.2 41.2 61.8

55 26.4 21.0 31.6

61 15.0 21.6 32.4#

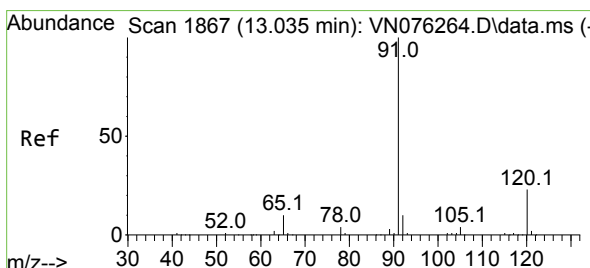
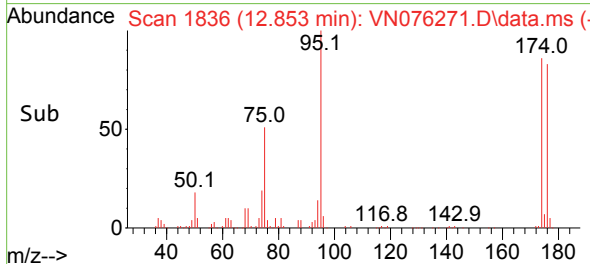
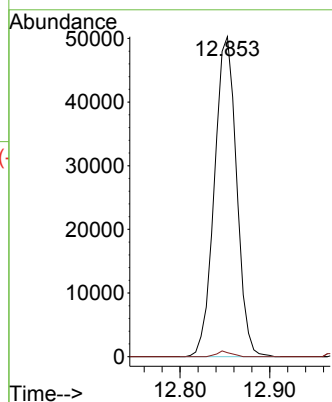
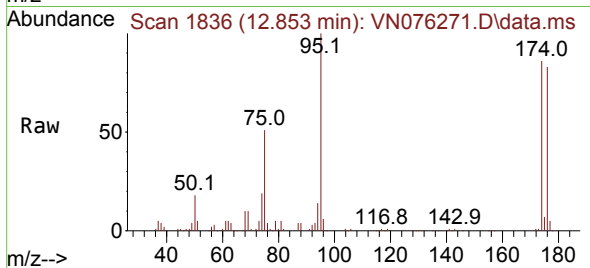




#76
1,2,3-Trichloropropane
Concen: 29.248 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

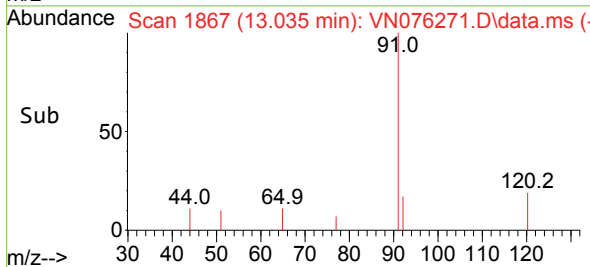
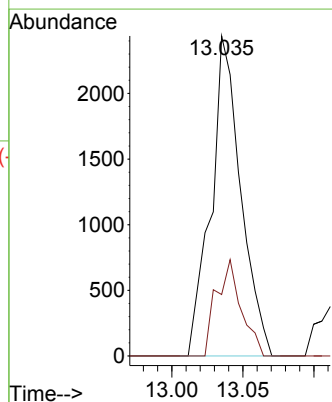
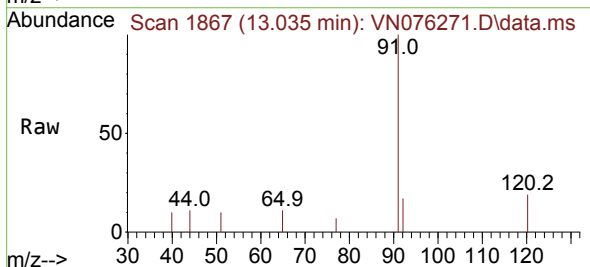
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

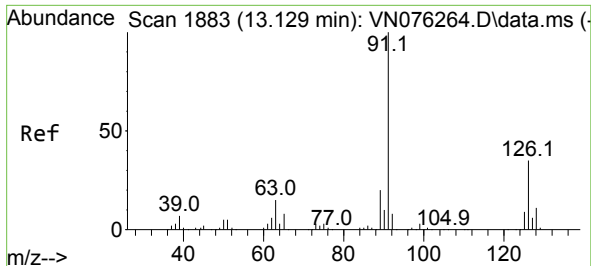
Tgt Ion: 75 Resp: 86267
Ion Ratio Lower Upper
75 100
77 1.2 75.2 225.6#



#78
n-propylbenzene
Concen: 0.255 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 91 Resp: 3550
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.5

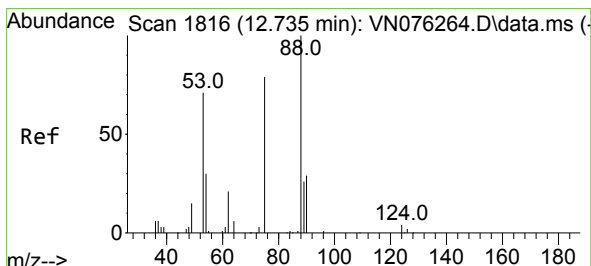
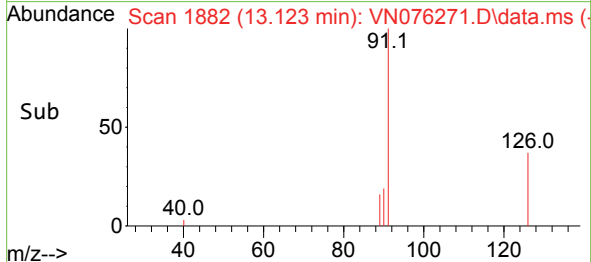
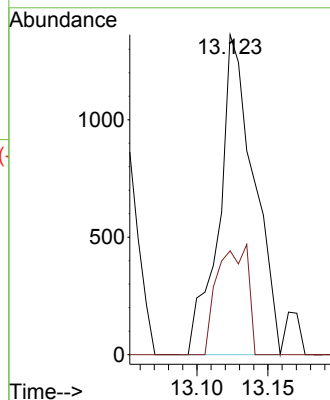
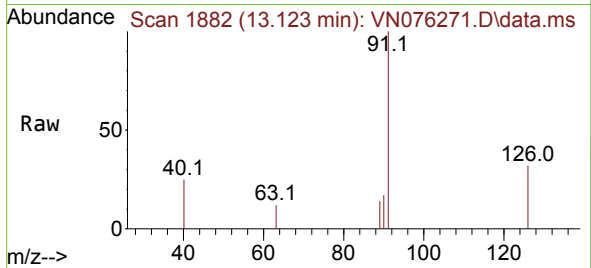




#79
2-Chlorotoluene
Concen: 0.271 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

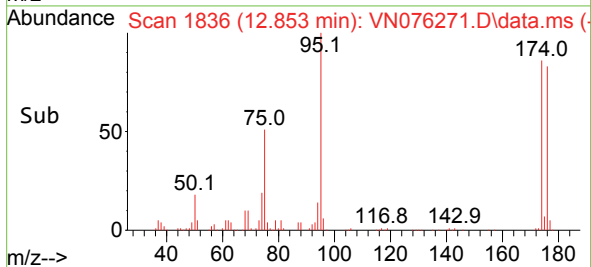
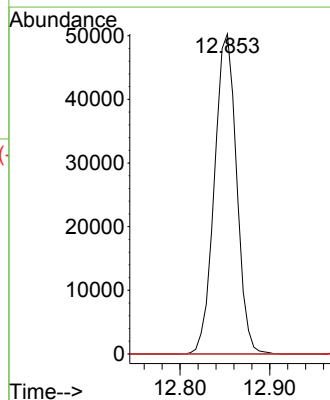
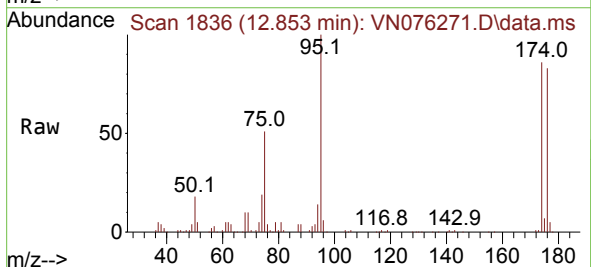
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

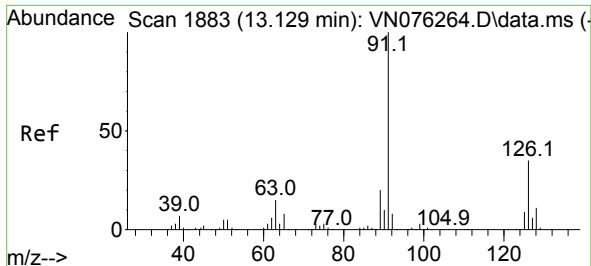
Tgt Ion: 91 Resp: 2323
Ion Ratio Lower Upper
91 100
126 30.1 17.4 52.2



#81
trans-1,4-Dichloro-2-butene
Concen: 89.845 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 75 Resp: 86267
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#

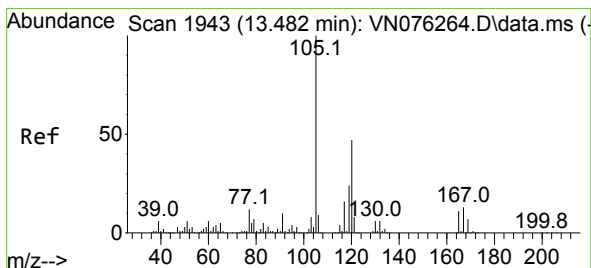
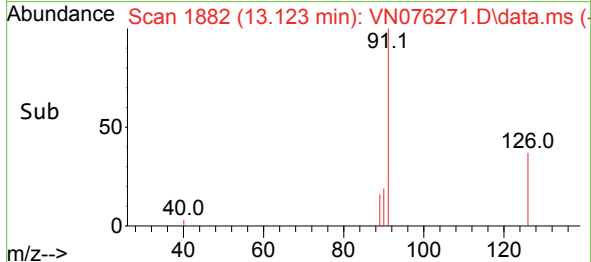
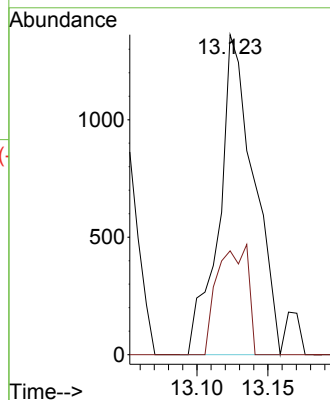
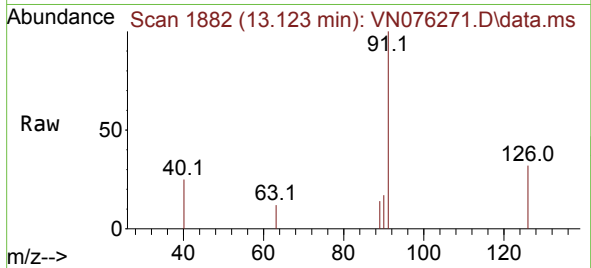




#82
4-Chlorotoluene
Concen: 0.271 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

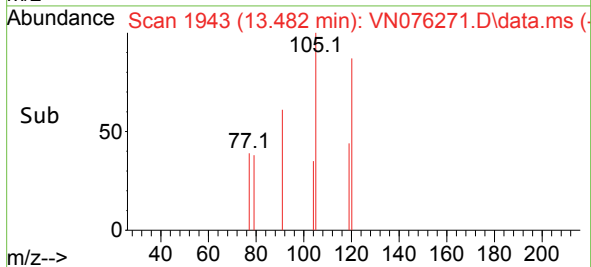
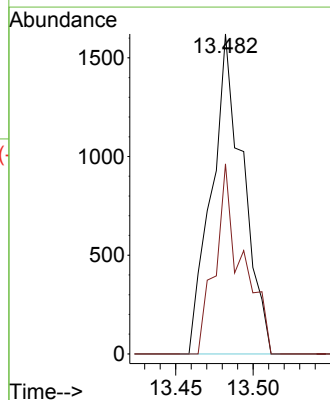
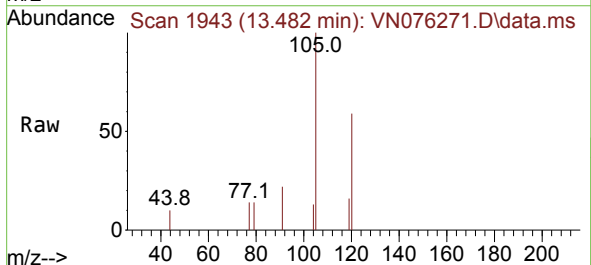
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

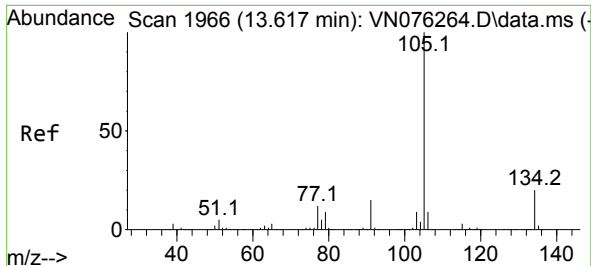
Tgt Ion: 91 Resp: 2323
Ion Ratio Lower Upper
91 100
126 30.1 17.4 52.2



#84
1,2,4-Trimethylbenzene
Concen: 0.220 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion: 105 Resp: 2282
Ion Ratio Lower Upper
105 100
120 50.8 22.9 68.5

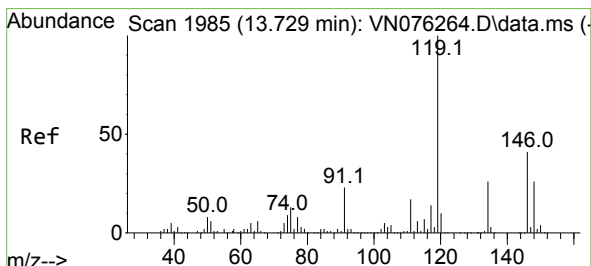
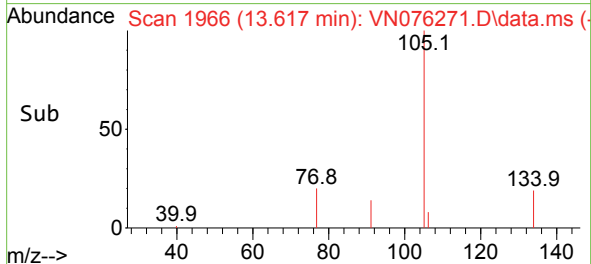
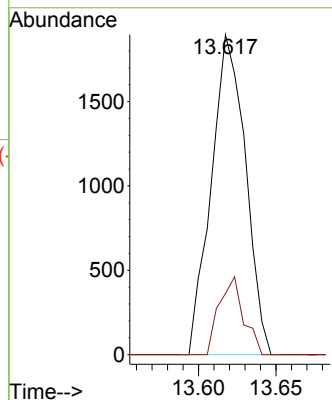
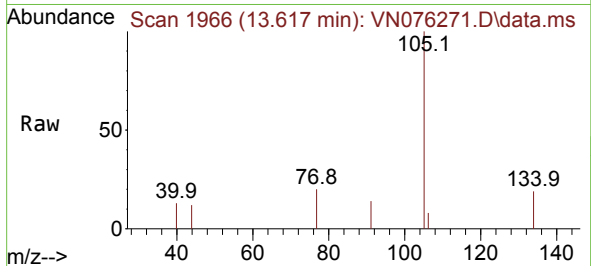




#85
 sec-Butylbenzene
 Concen: 0.228 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076271.D
 Acq: 17 Jan 2023 11:27

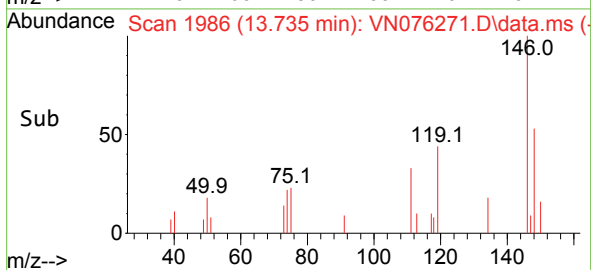
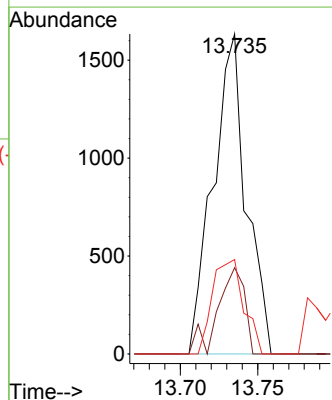
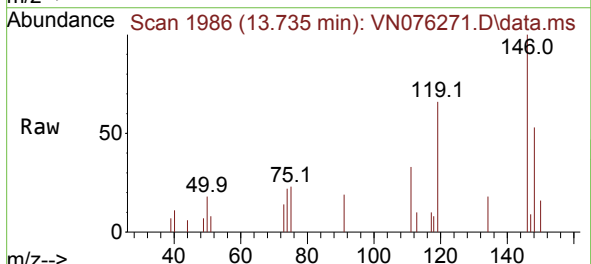
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117MBL01

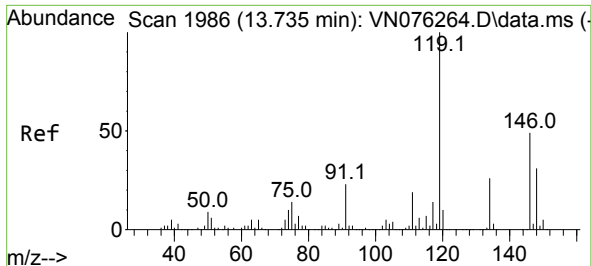
Tgt Ion:105 Resp: 2909
 Ion Ratio Lower Upper
 105 100
 134 17.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 0.231 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076271.D
 Acq: 17 Jan 2023 11:27

Tgt Ion:119 Resp: 2422
 Ion Ratio Lower Upper
 119 100
 134 21.7 13.2 39.6
 91 28.0 11.8 35.3

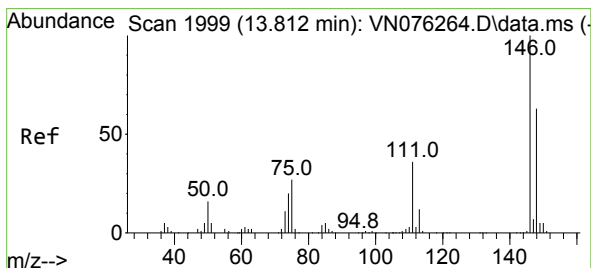
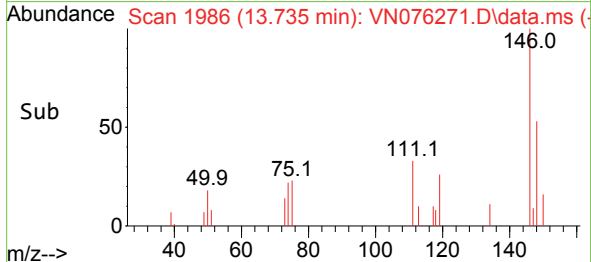
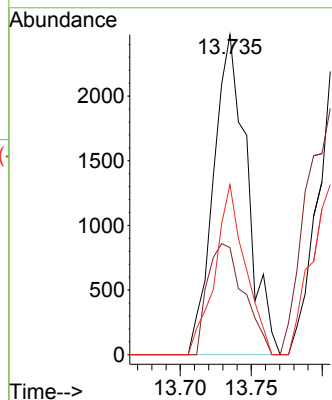
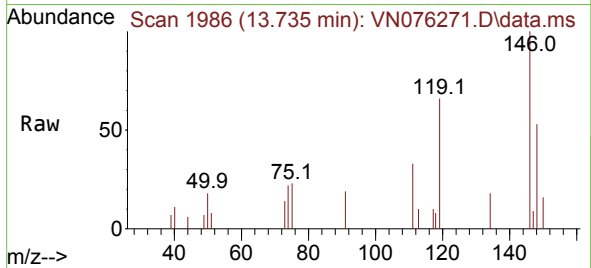




#87
 1,3-Dichlorobenzene
 Concen: 0.699 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076271.D
 Acq: 17 Jan 2023 11:27

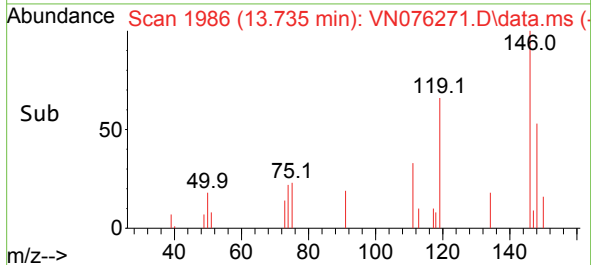
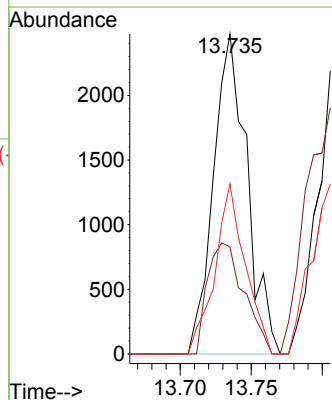
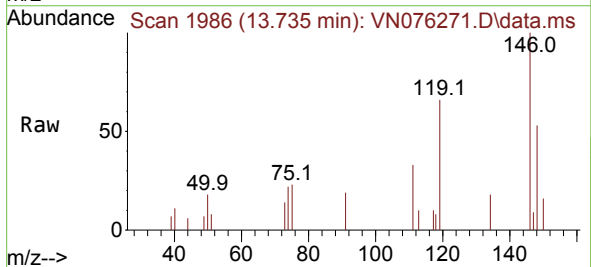
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117MBL01

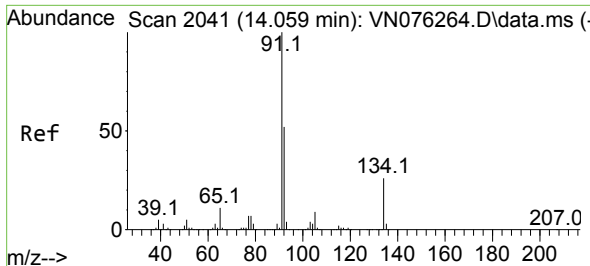
Tgt Ion:146	Resp:	4071
Ion	Ratio	Lower Upper
146	100	
111	37.8	19.9 59.7
148	48.0	31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 0.834 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.077 min
 Lab File: VN076271.D
 Acq: 17 Jan 2023 11:27

Tgt Ion:146	Resp:	4071
Ion	Ratio	Lower Upper
146	100	
111	37.8	19.1 57.5
148	48.0	31.9 95.9

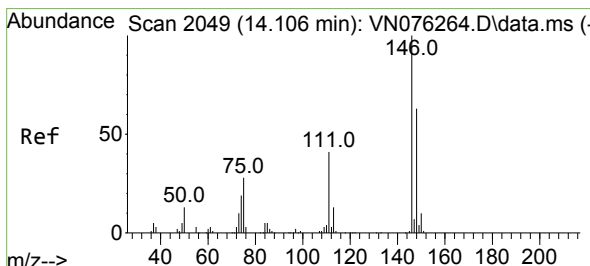
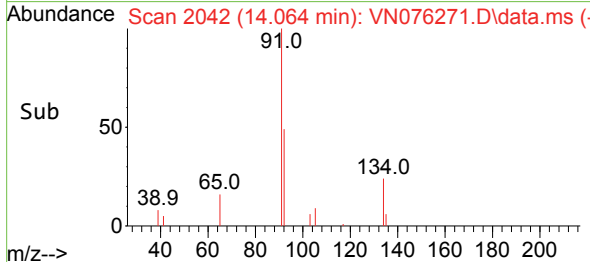
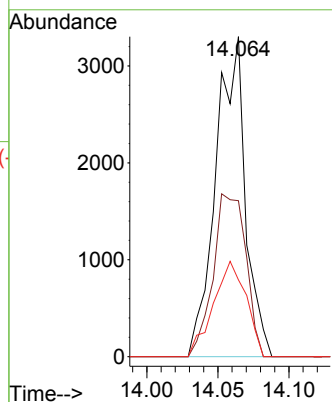
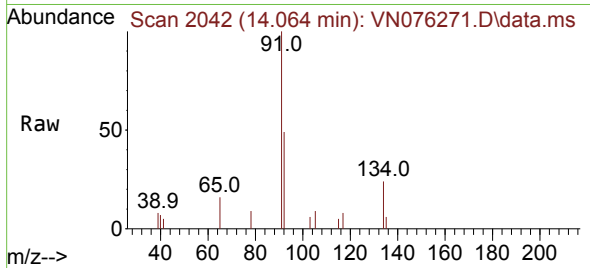




#89
n-Butylbenzene
Concen: 0.573 ug/l
RT: 14.064 min Scan# 2042
Delta R.T. 0.005 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

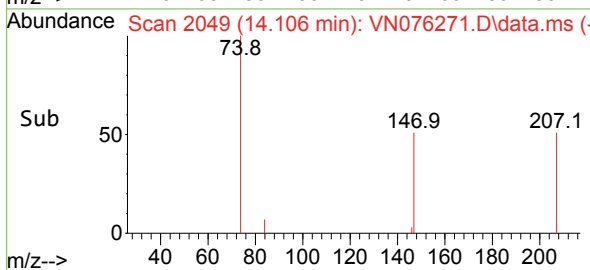
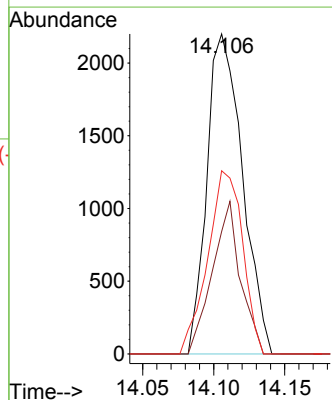
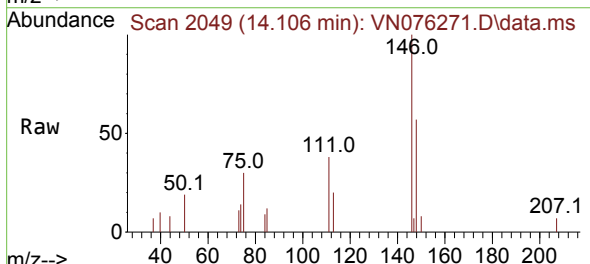
Instrument :
MSVOA_N
ClientSampleId :
VN0117MBL01

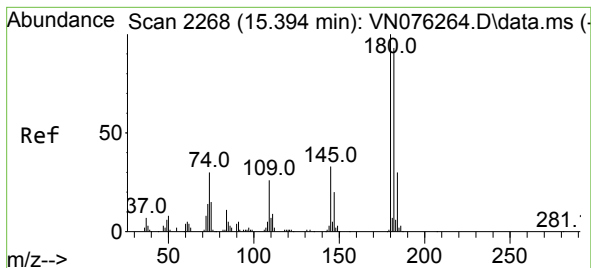
Tgt Ion: 91 Resp: 4781
Ion Ratio Lower Upper
91 100
92 56.2 26.3 78.9
134 33.0 13.2 39.5



#91
1,2-Dichlorobenzene
Concen: 0.659 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076271.D
Acq: 17 Jan 2023 11:27

Tgt Ion:146 Resp: 3823
Ion Ratio Lower Upper
146 100
111 37.9 20.3 60.8
148 56.4 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 2.958 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0117MBL01

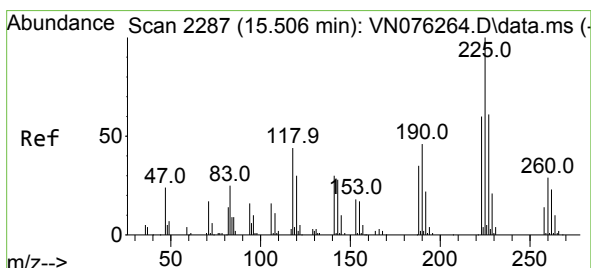
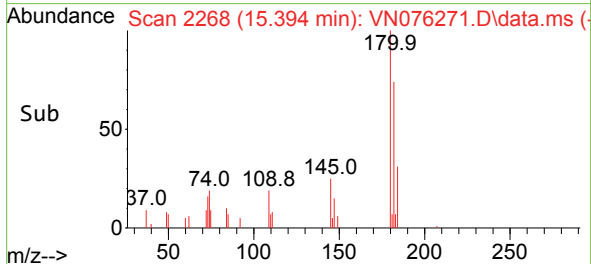
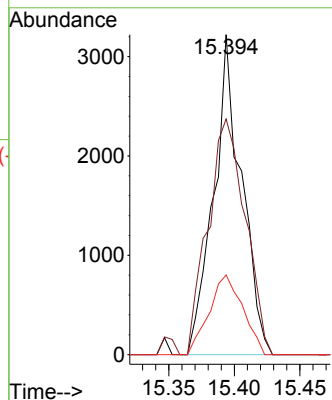
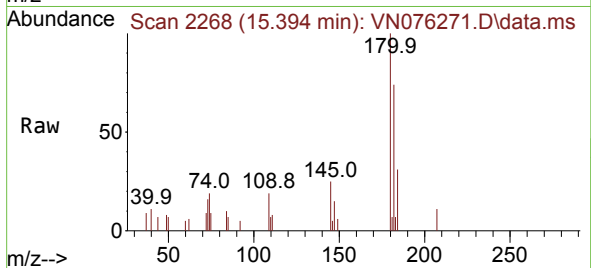
Tgt Ion:180 Resp: 4757

Ion Ratio Lower Upper

180 100

182 98.9 47.0 141.2

145 30.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.231 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

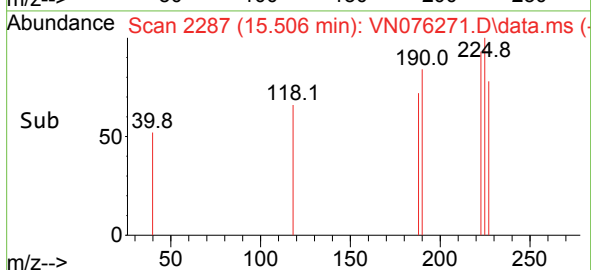
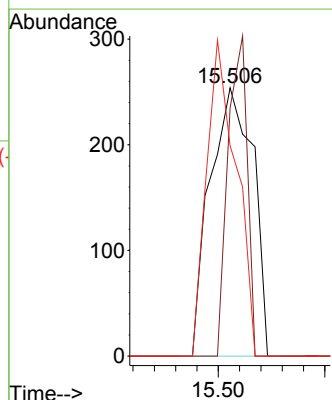
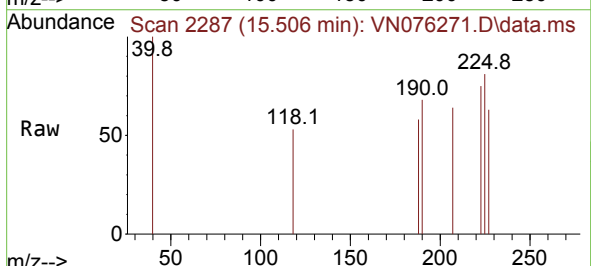
Tgt Ion:225 Resp: 355

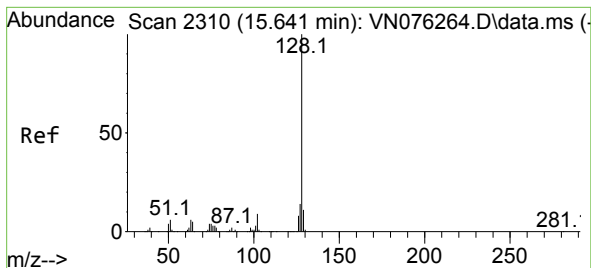
Ion Ratio Lower Upper

225 100

223 53.5 30.8 92.3

227 81.1 30.9 92.8





#95

Naphthalene

Concen: 4.477 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0117MBL01

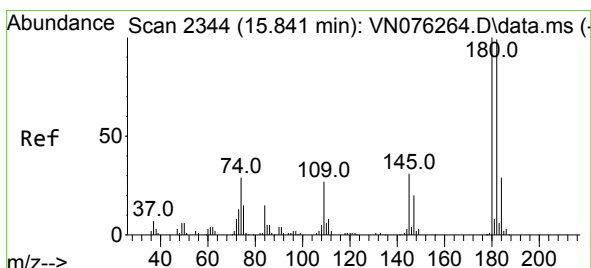
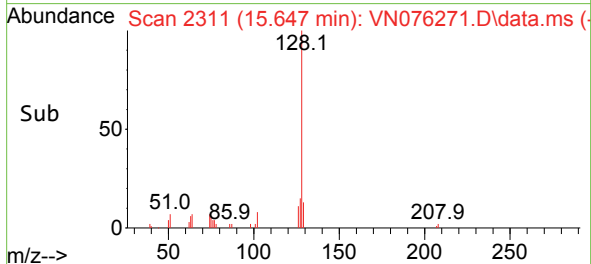
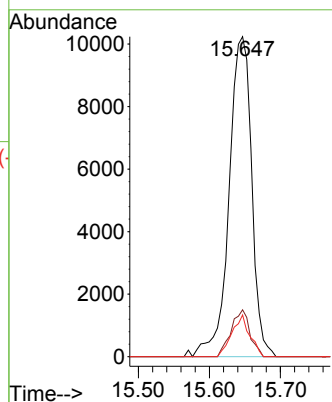
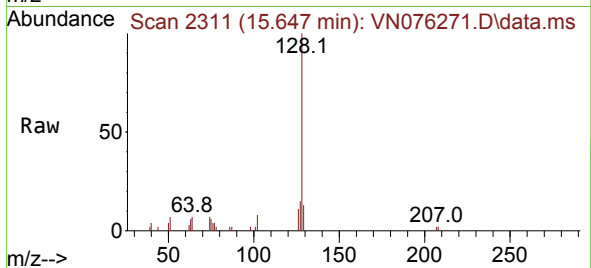
Tgt Ion:128 Resp: 22735

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.159 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076271.D

Acq: 17 Jan 2023 11:27

Tgt Ion:180 Resp: 5484

Ion Ratio Lower Upper

180 100

182 104.9 47.5 142.5

145 33.8 15.9 47.6

