

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076289.D
 Acq On : 18 Jan 2023 11:10
 Operator : JC\MD
 Sample : VN0118MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBL01

Quant Time: Jan 19 00:45:41 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	8.229	168	329571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	169045	45.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.620%
35) Dibromofluoromethane	8.177	113	152841	47.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	10.570	98	578247	48.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.853	95	174100	44.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.660%

Target Compounds				Qvalue		
5) Bromomethane	2.971	94	1503	0.428	ug/l #	80
11) Tert butyl alcohol	5.541	59	108	0.219	ug/l #	72
13) Acrolein	4.206	56	701	1.188	ug/l #	82
15) Acrylonitrile	5.753	53	1155	0.822	ug/l #	33
16) Acetone	4.441	43	563	0.403	ug/l #	41
17) Carbon Disulfide	4.741	76	2657	0.338	ug/l #	73
18) Methyl Acetate	5.036	43	927	0.231	ug/l #	59
20) Methylene Chloride	5.300	84	556	Below Cal	#	44
25) 2-Butanone	7.506	43	1160	0.642	ug/l #	85
31) Cyclohexane	8.235	56	6319	1.115	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	23468	5.127	ug/l #	47
38) Carbon Tetrachloride	8.229	117	32445	6.357	ug/l #	17
43) Isopropyl Acetate	8.735	43	1787	0.299	ug/l #	51
51) 4-Methyl-2-Pentanone	10.459	43	1804	0.515	ug/l #	79
59) 2-Hexanone	11.194	43	3489	1.373	ug/l	91
65) Chlorobenzene	11.894	112	1985	0.218	ug/l #	80
68) m/p-Xylenes	12.076	106	1422	0.227	ug/l	98
74) N-amyl acetate	12.500	43	1746	0.470	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	89913	29.185	ug/l #	1
77) Bromobenzene	12.982	156	1384	Below Cal		73
78) n-propylbenzene	13.041	91	3648	0.250	ug/l	95
79) 2-Chlorotoluene	13.135	91	2244	0.251	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.853	75	89913	89.658	ug/l #	12
82) 4-Chlorotoluene	13.135	91	2244	0.251	ug/l	93
83) tert-Butylbenzene	13.447	119	1971	0.205	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	2953	0.272	ug/l	95
85) sec-Butylbenzene	13.617	105	3217	0.241	ug/l	88
86) p-Isopropyltoluene	13.735	119	2303	0.210	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	3482	0.572	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	3482	0.702	ug/l	97
89) n-Butylbenzene	14.058	91	5474	0.628	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	3512	0.580	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	145	0.225	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.394	180	5379	3.094	ug/l	94
94) Hexachlorobutadiene	15.505	225	416	0.259	ug/l	69
95) Naphthalene	15.647	128	23922	4.497	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

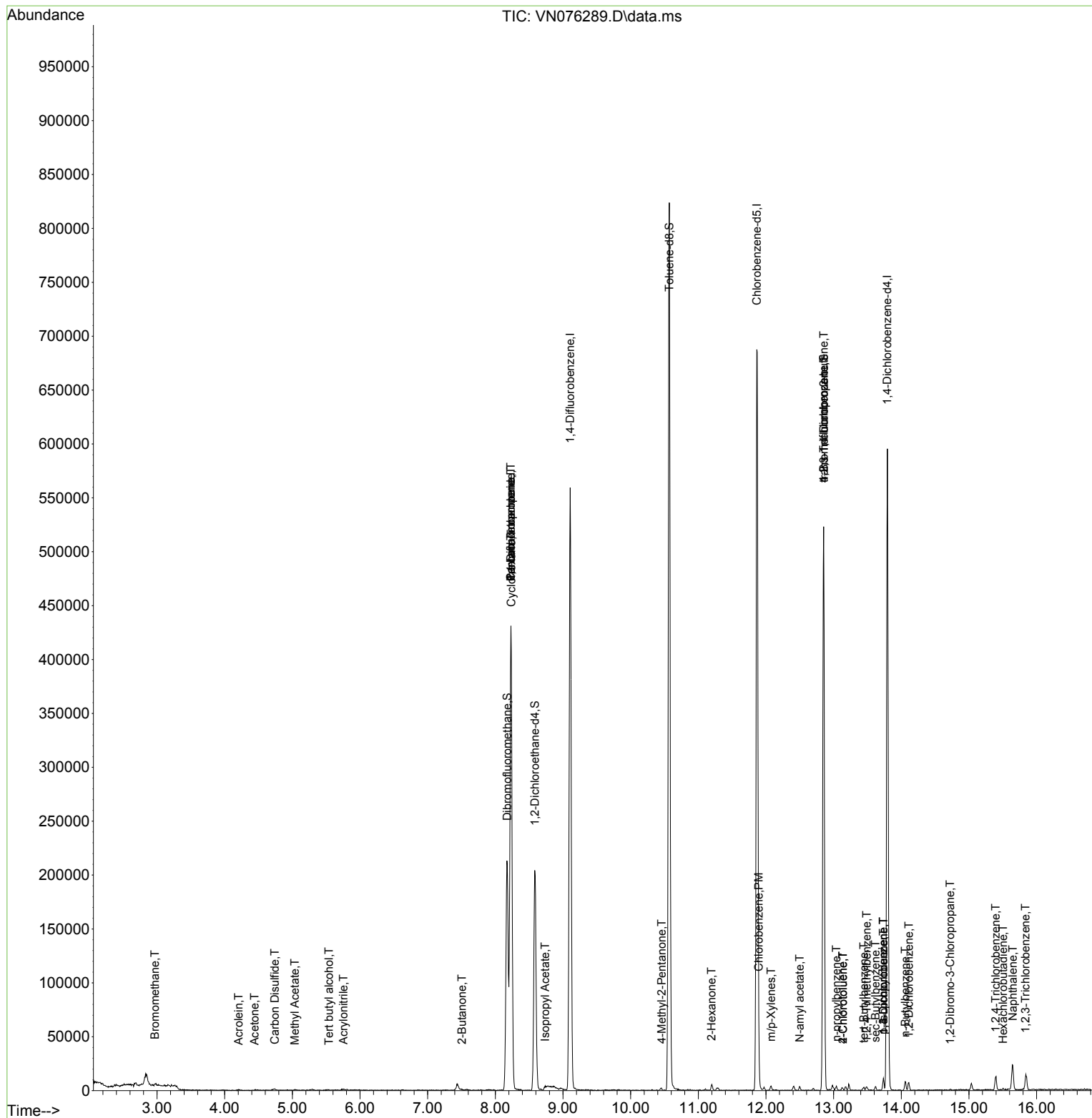
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.835	180	5828	3.194	ug/l	96

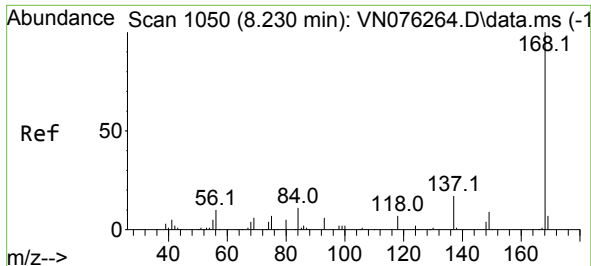
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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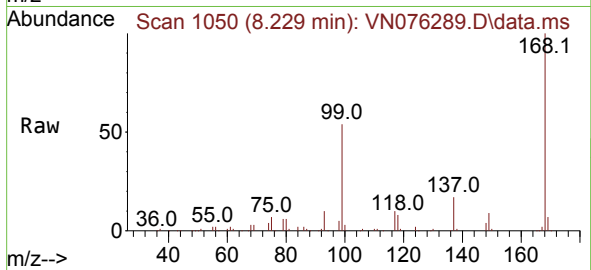
Quant Time: Jan 19 00:45:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
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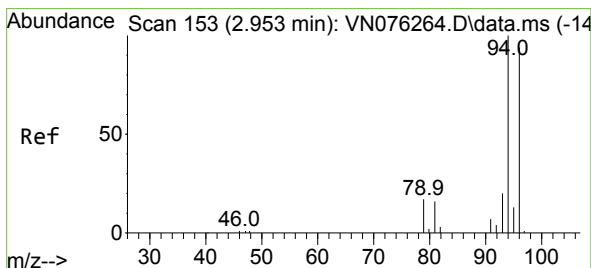
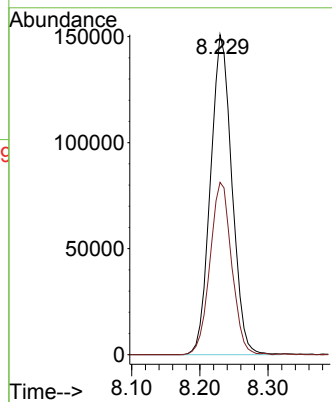
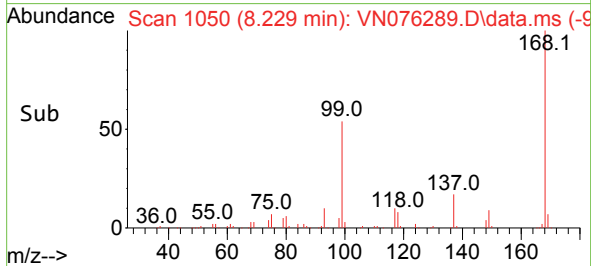


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

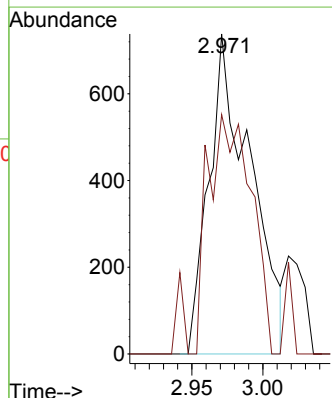
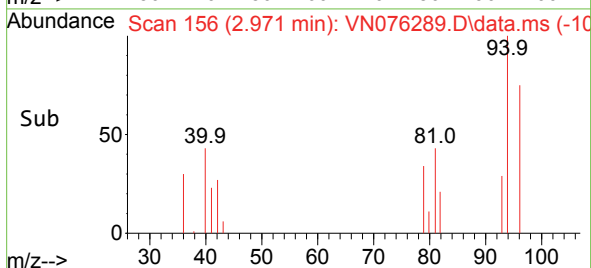
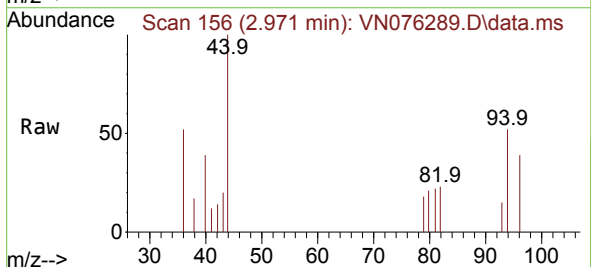


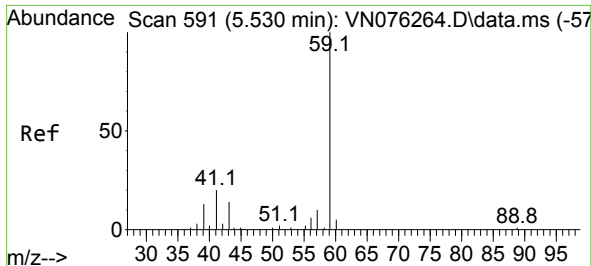
Tgt Ion:168 Resp: 329571
Ion Ratio Lower Upper
168 100
99 53.8 41.6 62.4



#5
Bromomethane
Concen: 0.428 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 94 Resp: 1503
Ion Ratio Lower Upper
94 100
96 74.8 75.1 112.7#

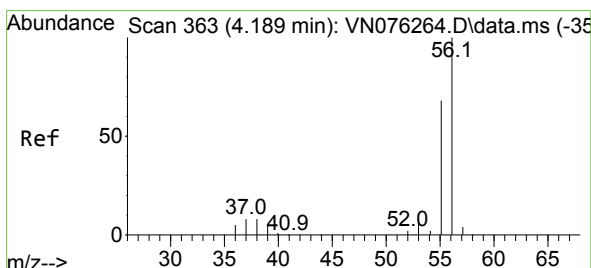
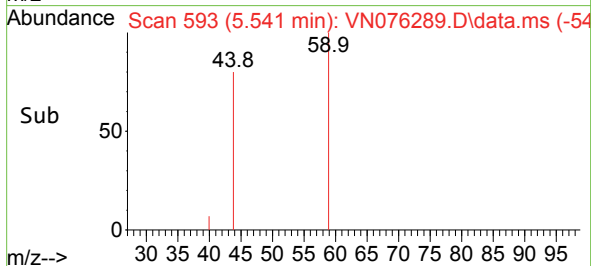
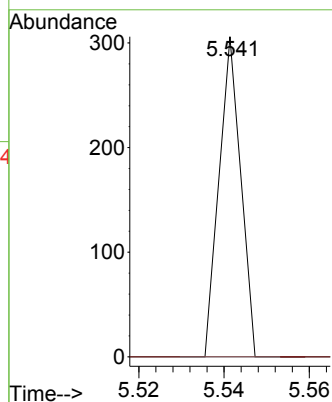
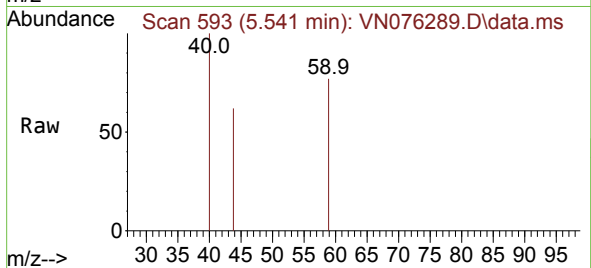




#11
Tert butyl alcohol
Concen: 0.219 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.011 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

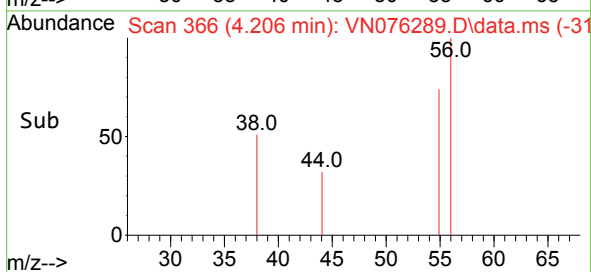
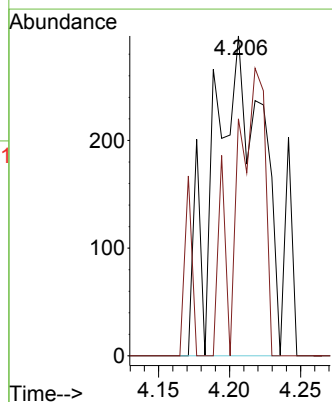
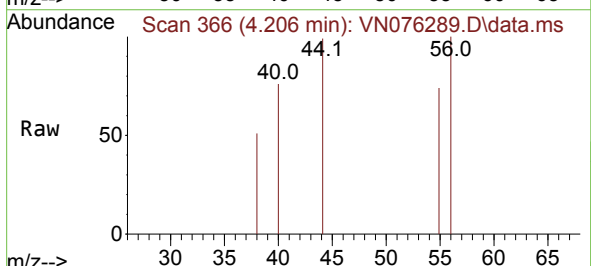
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

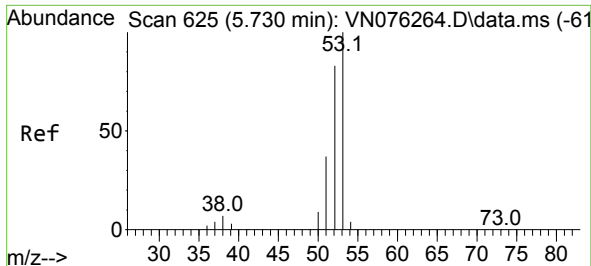
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 1.188 ug/l
RT: 4.206 min Scan# 366
Delta R.T. 0.017 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 56 Resp: 701
Ion Ratio Lower Upper
56 100
55 54.8 55.8 83.6#

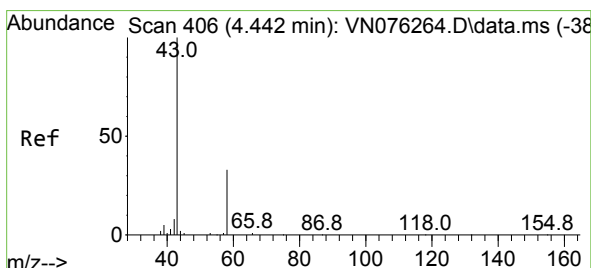
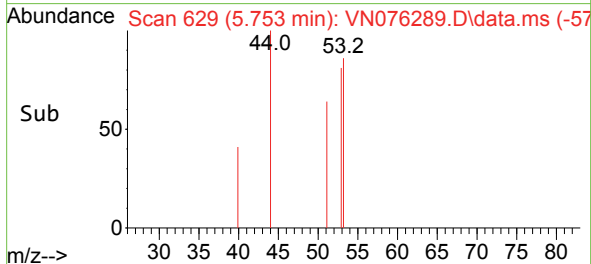
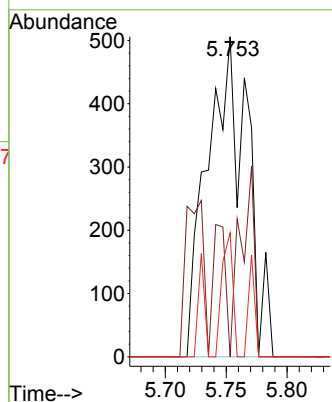
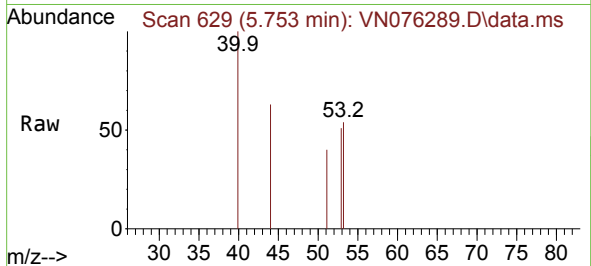




#15
Acrylonitrile
Concen: 0.822 ug/l
RT: 5.753 min Scan# 61
Delta R.T. 0.023 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

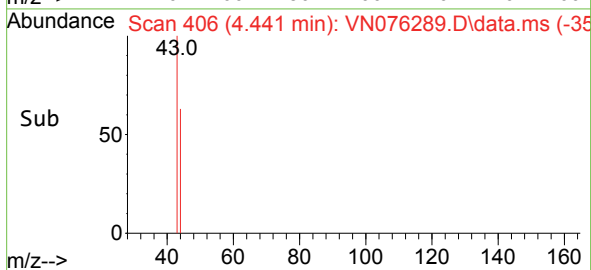
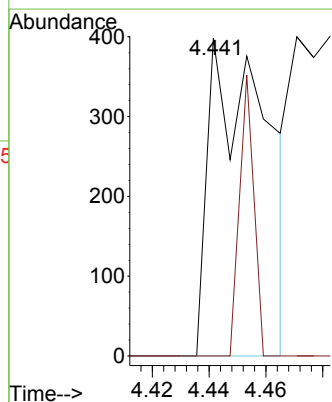
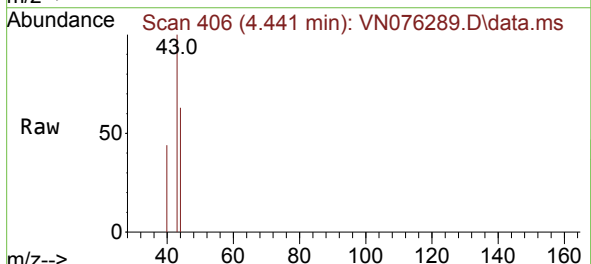
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

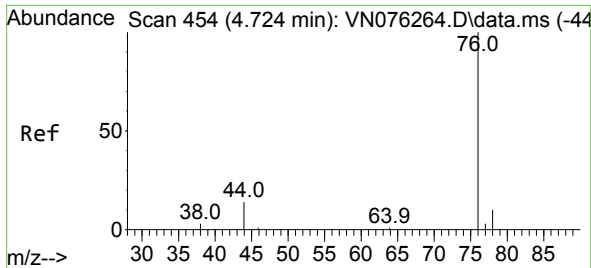
Tgt Ion: 53 Resp: 1155
Ion Ratio Lower Upper
53 100
52 12.6 64.7 97.1#
51 10.6 29.2 43.8#



#16
Acetone
Concen: 0.403 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

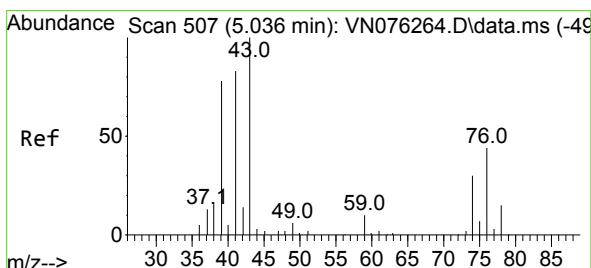
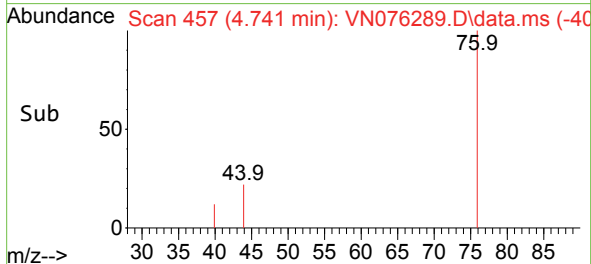
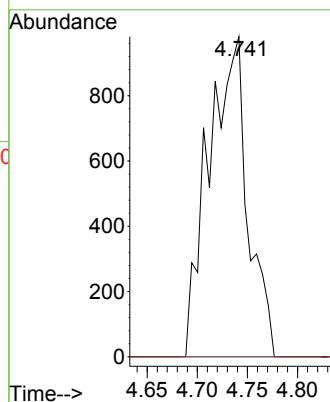
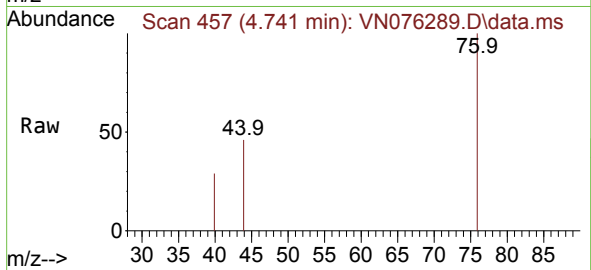




#17
Carbon Disulfide
Concen: 0.338 ug/l
RT: 4.741 min Scan# 457
Delta R.T. 0.017 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

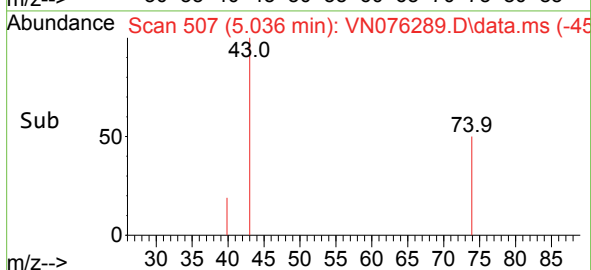
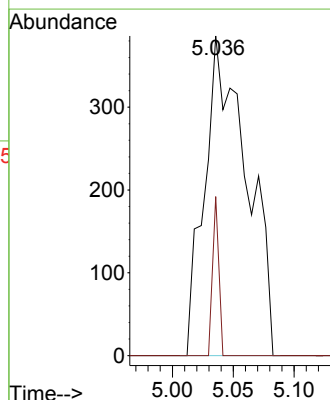
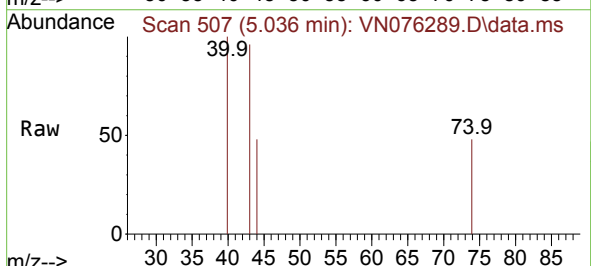
Instrument :
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ClientSampleId :
VN0118MBL01

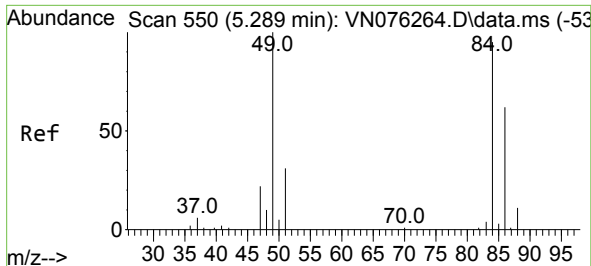
Tgt Ion: 76 Resp: 2657
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

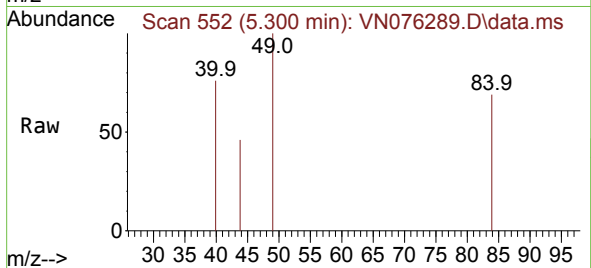
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
74 7.3 23.3 34.9#



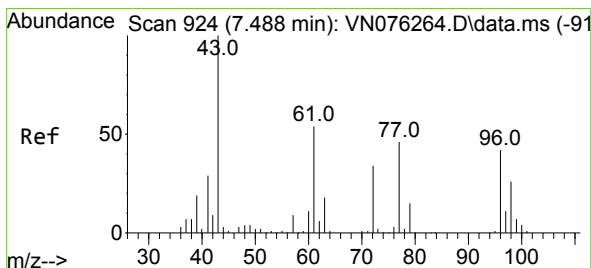
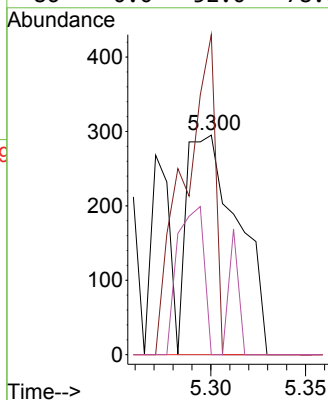
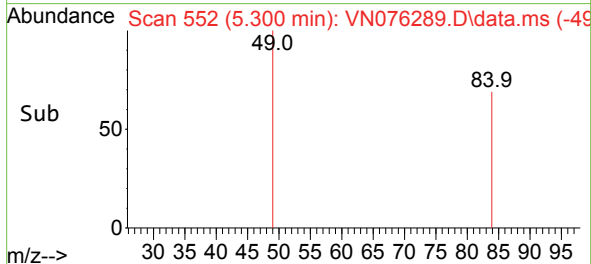


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Instrument :
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ClientSampleId :
VN0118MBL01

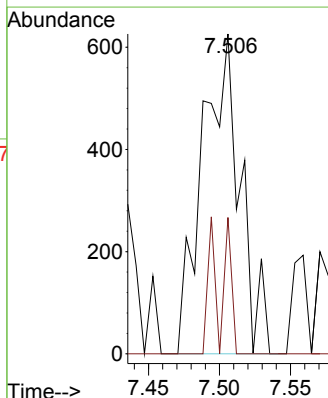
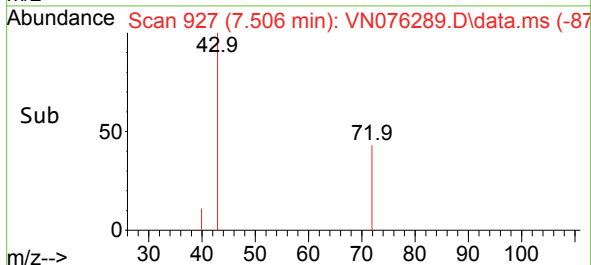
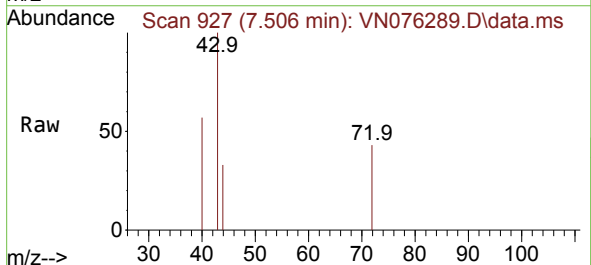


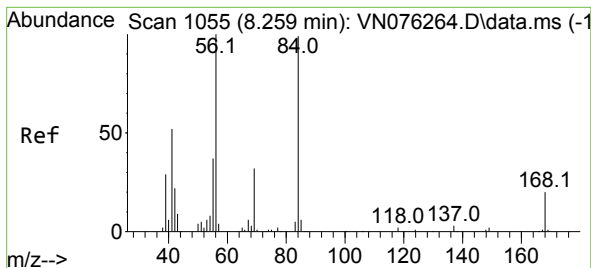
Tgt Ion: 84 Resp: 556
Ion Ratio Lower Upper
84 100
49 145.8 84.5 126.7#
51 0.0 26.0 39.0#
86 0.0 52.0 78.0#



#25
2-Butanone
Concen: 0.642 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
72 42.7 27.4 41.2#





#31

Cyclohexane

Concen: 1.115 ug/l

RT: 8.235 min Scan# 1105

Delta R.T. -0.024 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBL01

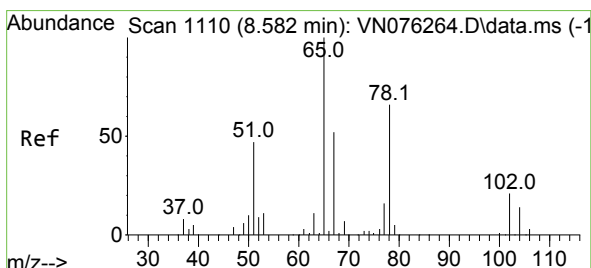
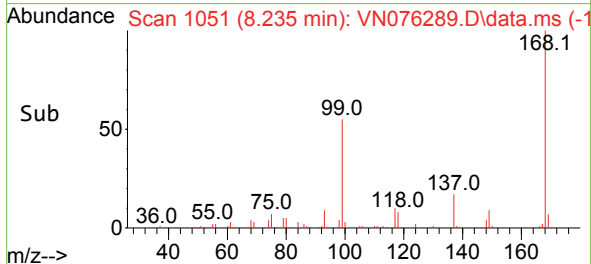
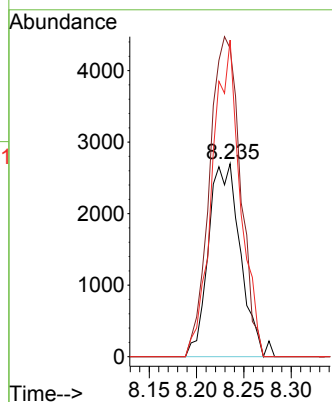
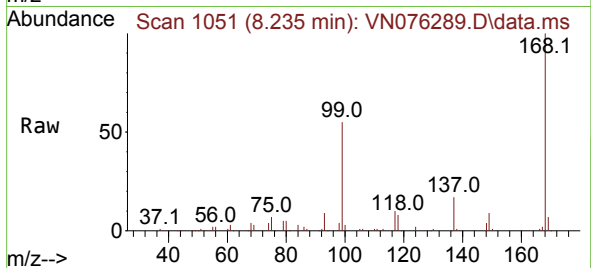
Tgt Ion: 56 Resp: 6319

Ion Ratio Lower Upper

56 100

69 159.7 25.8 38.8#

84 164.0 79.0 118.4#



#33

1,2-Dichloroethane-d4

Concen: 45.810 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076289.D

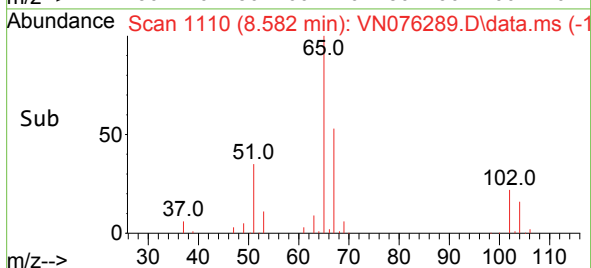
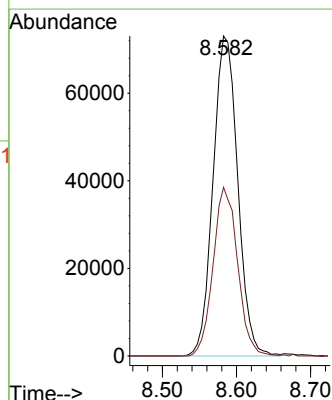
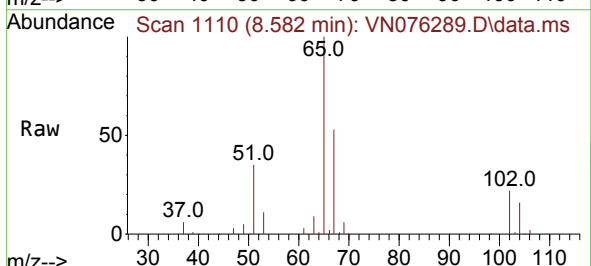
Acq: 18 Jan 2023 11:10

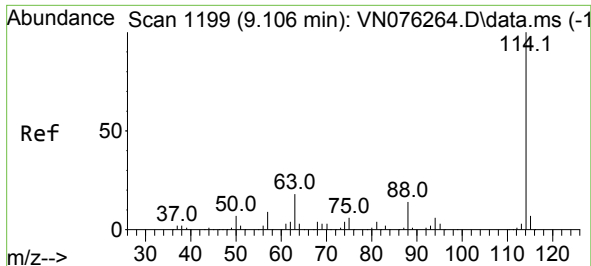
Tgt Ion: 65 Resp: 169045

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6

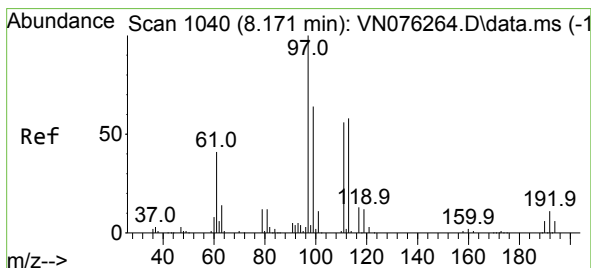
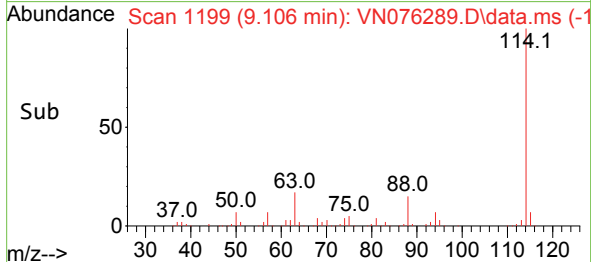
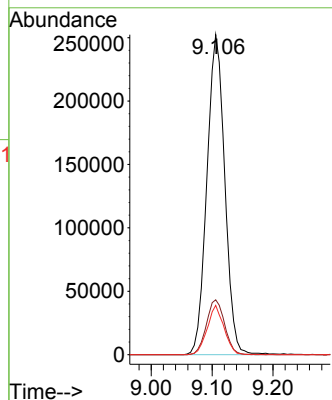
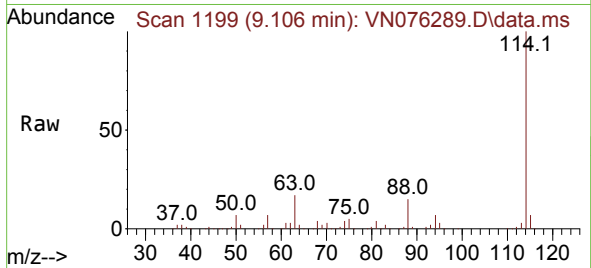




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

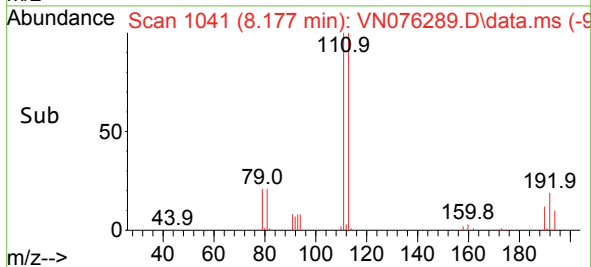
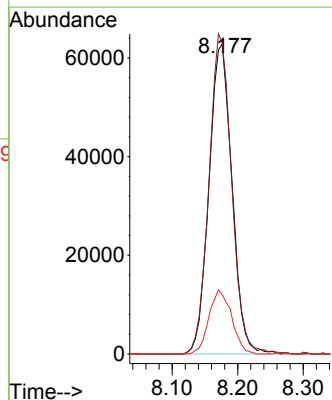
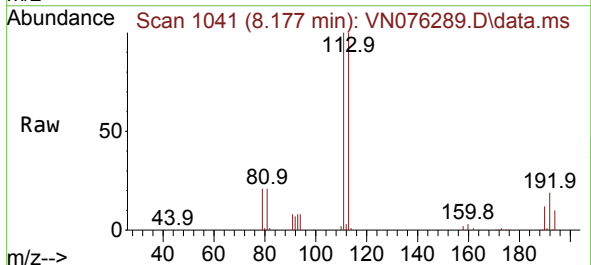
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

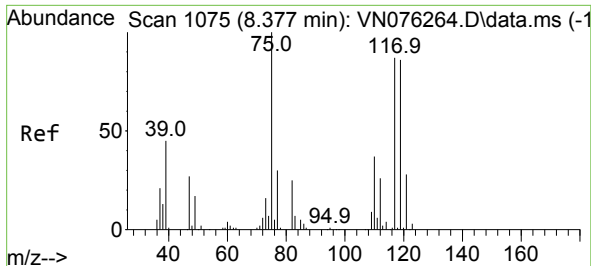
Tgt Ion:114 Resp: 514926
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.8
88 15.4 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.450 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion:113 Resp: 152841
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 20.4 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.148 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBL01

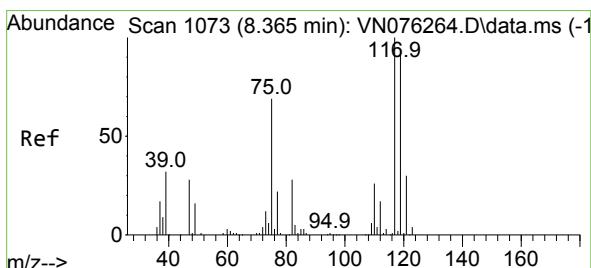
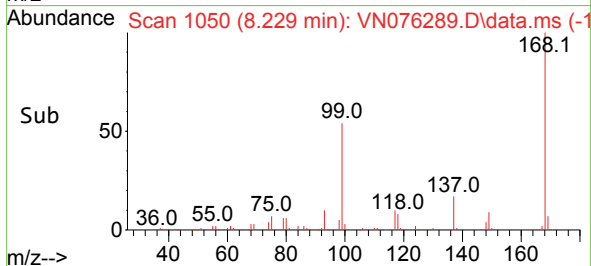
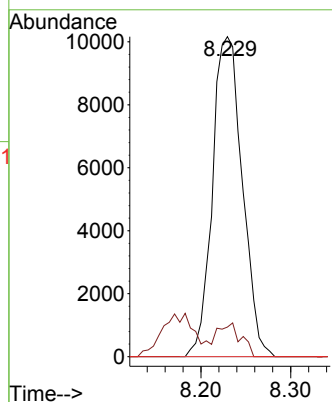
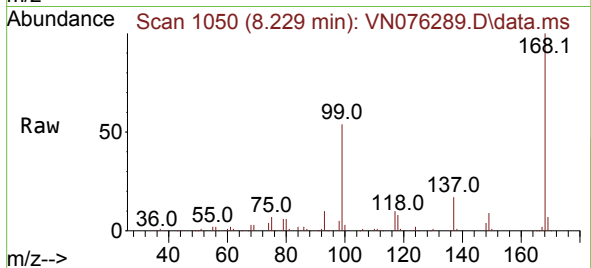
Tgt Ion: 75 Resp: 23468

Ion Ratio Lower Upper

75 100

110 8.1 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.136 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

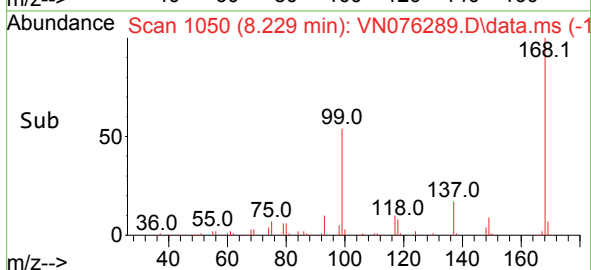
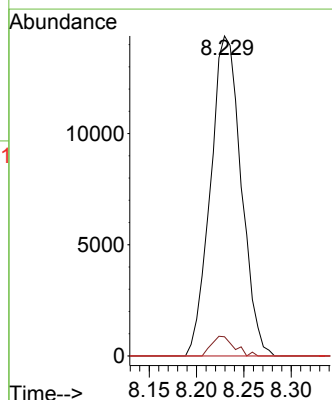
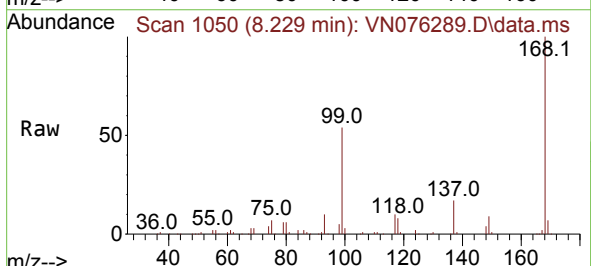
Tgt Ion: 117 Resp: 32445

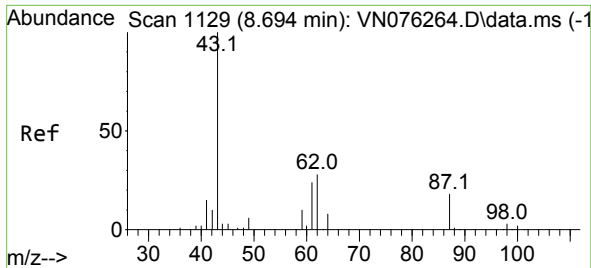
Ion Ratio Lower Upper

117 100

119 6.0 75.4 113.0#

121 0.0 24.2 36.2#

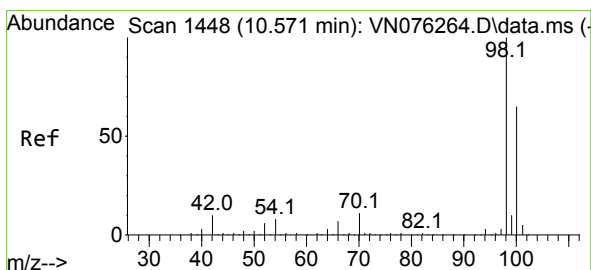
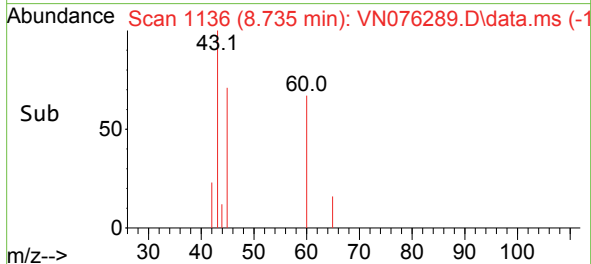
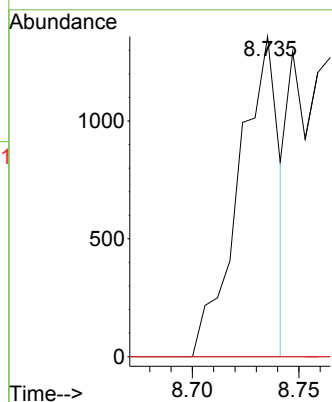
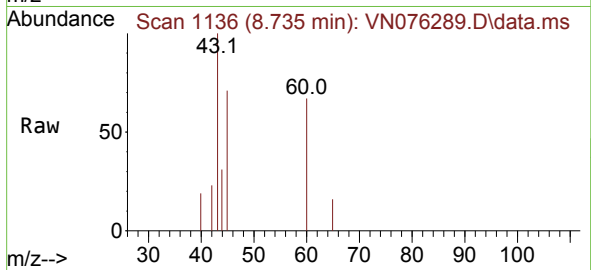




#43
Isopropyl Acetate
Concen: 0.299 ug/l
RT: 8.735 min Scan# 1129
Delta R.T. 0.041 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

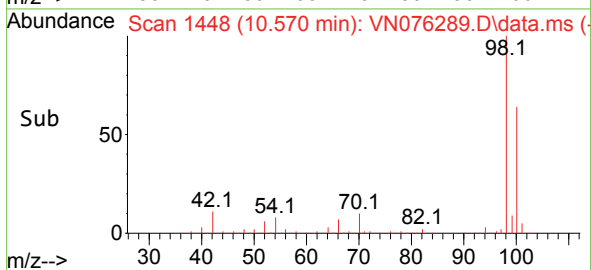
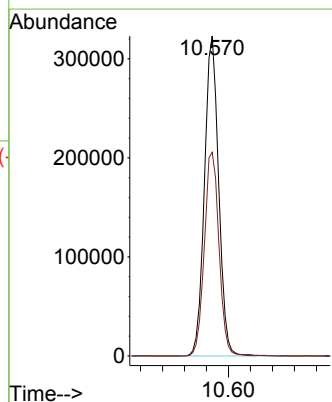
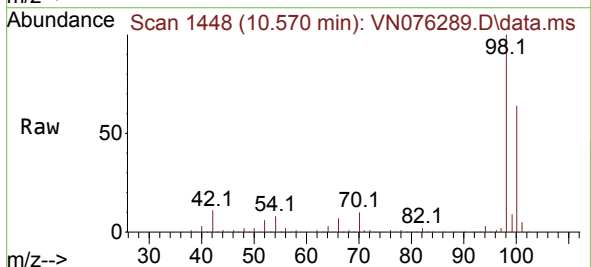
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

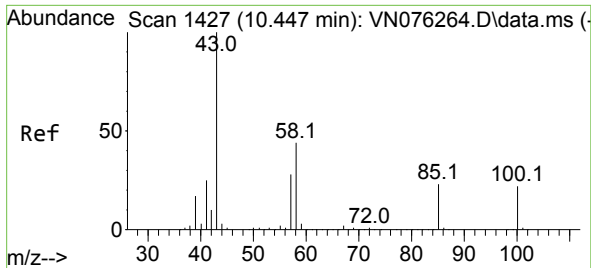
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#50
Toluene-d8
Concen: 48.609 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 98 Resp: 578247
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

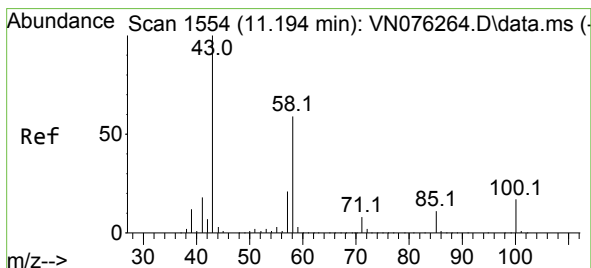
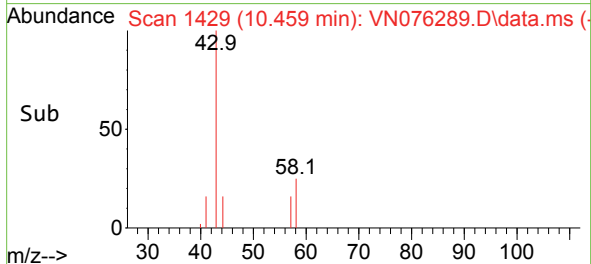
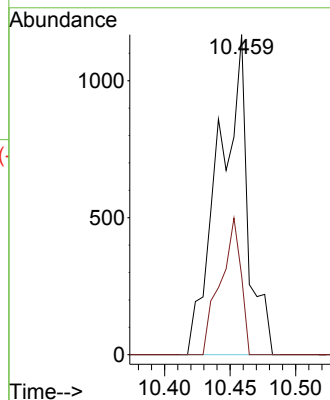
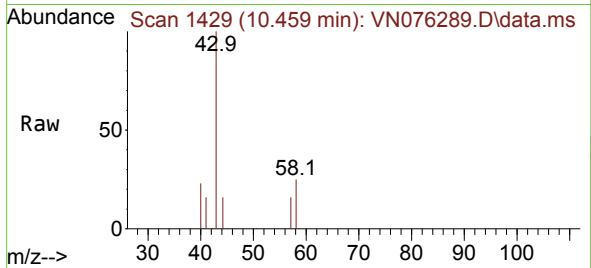




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.459 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

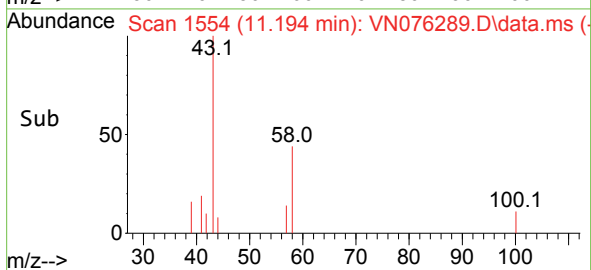
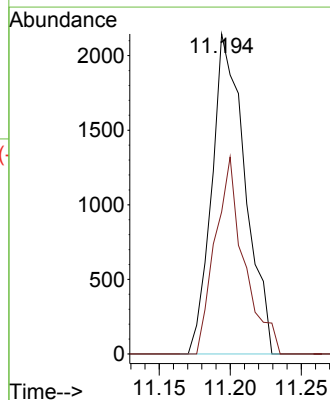
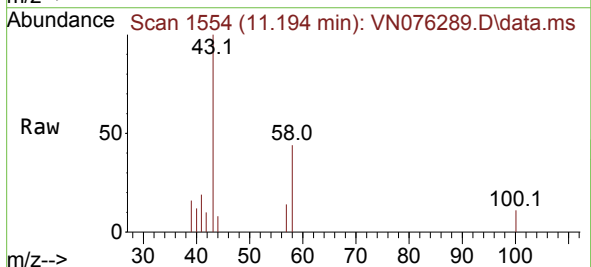
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

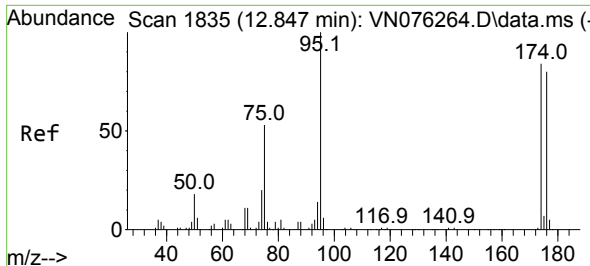
Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 30.2 35.1 52.7#



#59
2-Hexanone
Concen: 1.373 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
58 53.7 30.1 90.3

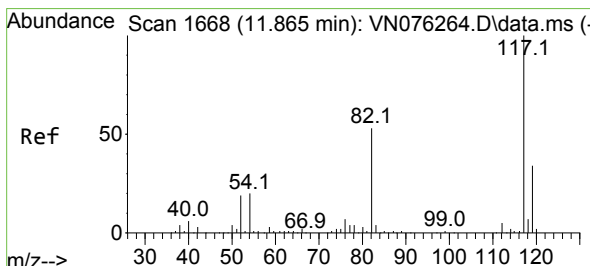
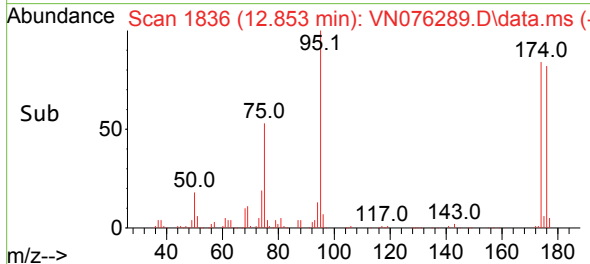
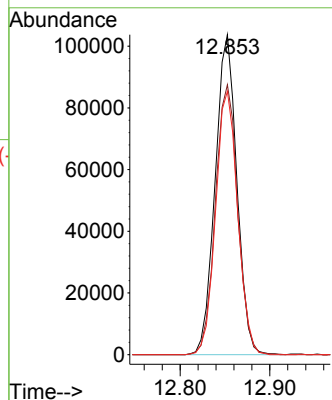
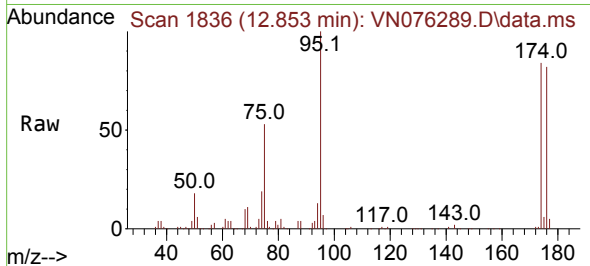




#62
4-Bromofluorobenzene
Concen: 44.831 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

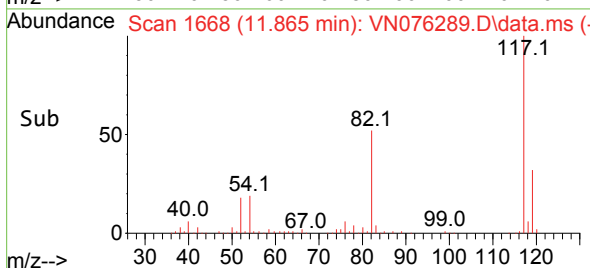
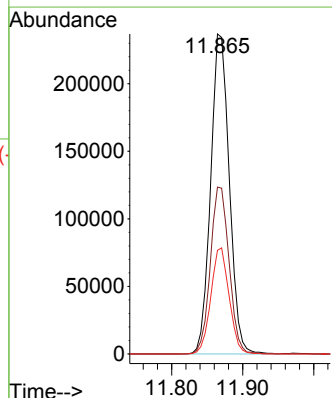
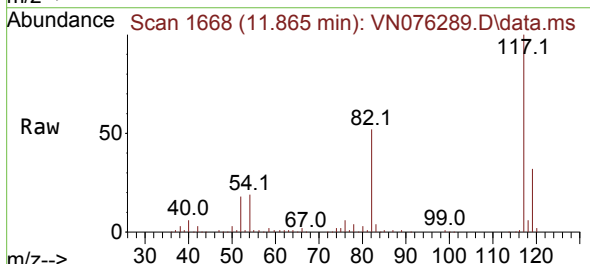
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

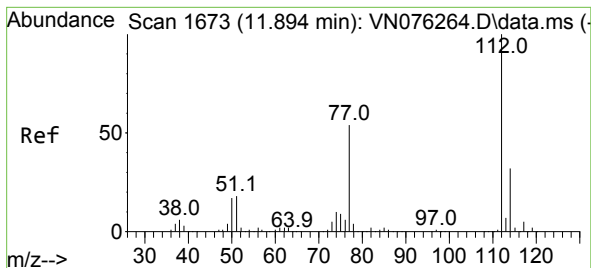
Tgt Ion: 95 Resp: 174100
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 83.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 117 Resp: 431284
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.4 26.9 40.3

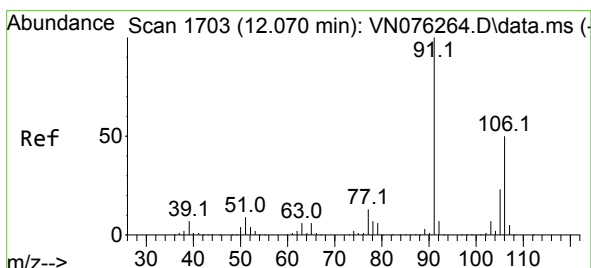
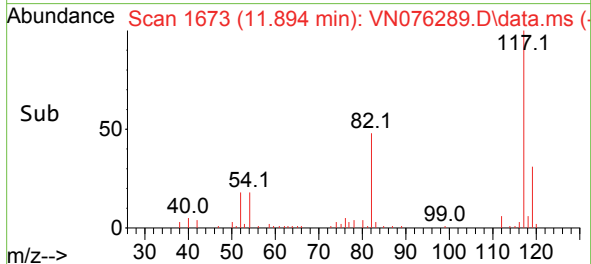
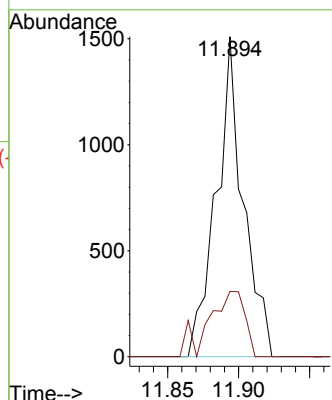
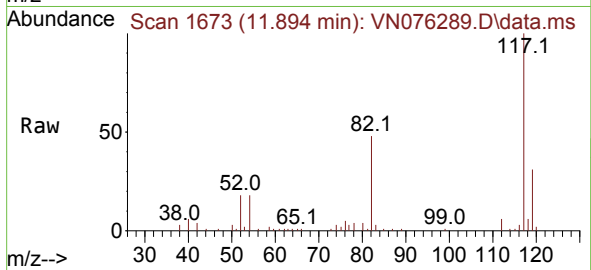




#65
Chlorobenzene
Concen: 0.218 ug/l
RT: 11.894 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

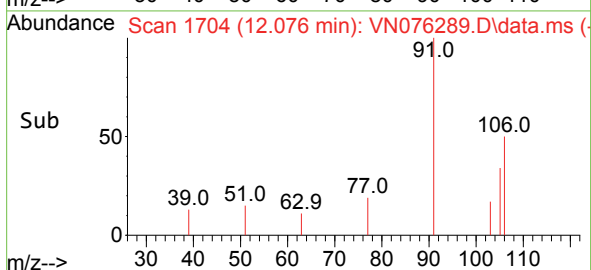
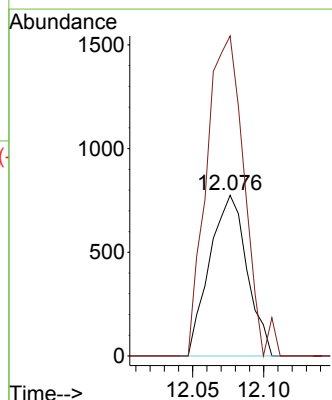
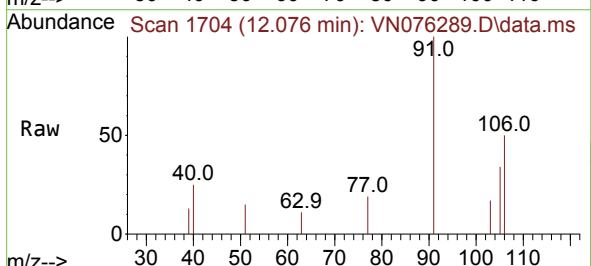
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

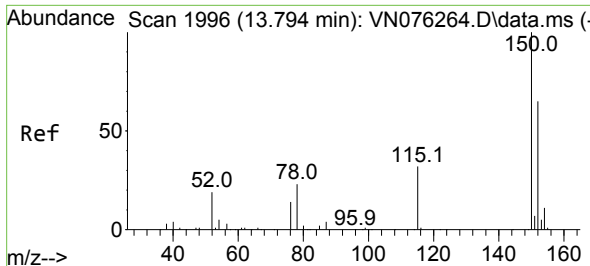
Tgt Ion:112 Resp: 1985
Ion Ratio Lower Upper
112 100
114 20.4 25.3 37.9#



#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion:106 Resp: 1422
Ion Ratio Lower Upper
106 100
91 199.4 157.5 236.3

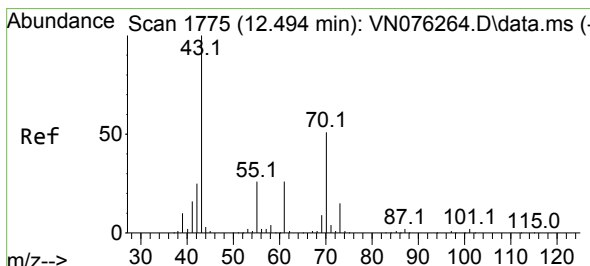
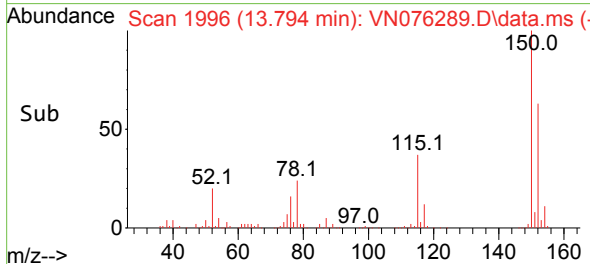
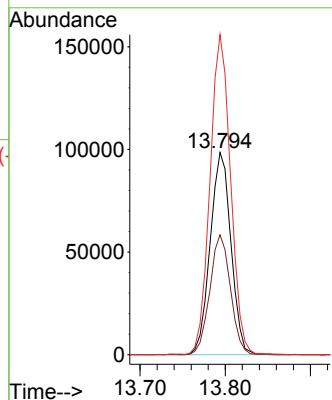
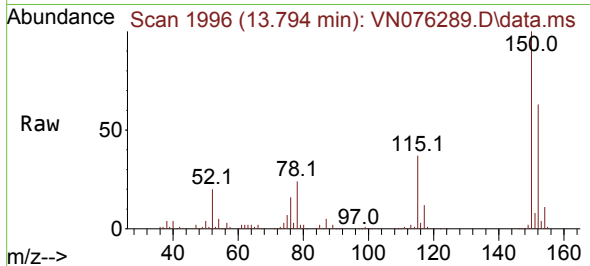




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

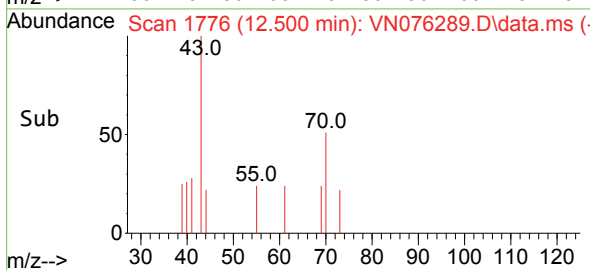
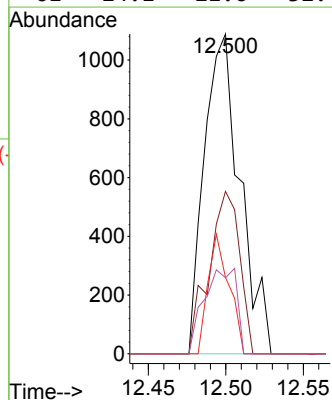
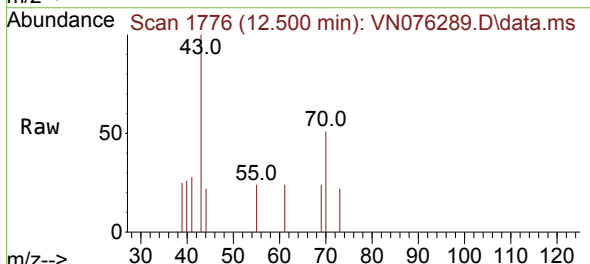
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

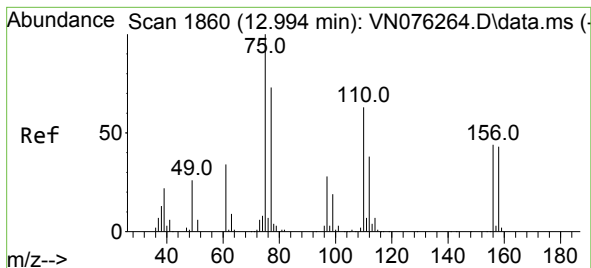
Tgt Ion:152 Resp: 166856
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.9
150 157.1 0.0 351.4



#74
N-ethyl acetate
Concen: 0.470 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
70 43.4 41.2 61.8
55 22.0 21.0 31.6
61 24.1 21.6 32.4





#76

1,2,3-Trichloropropane

Concen: 29.185 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

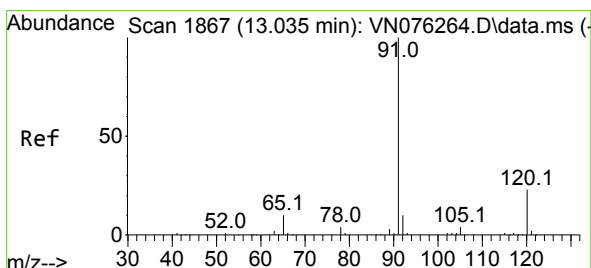
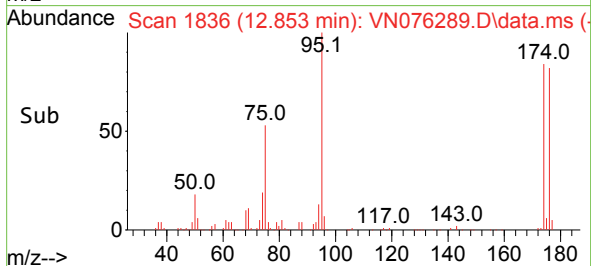
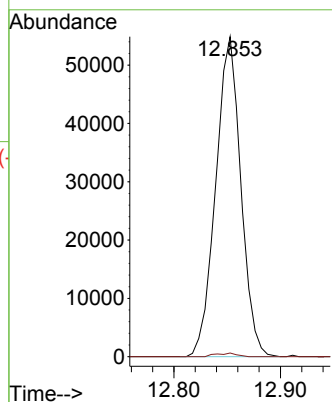
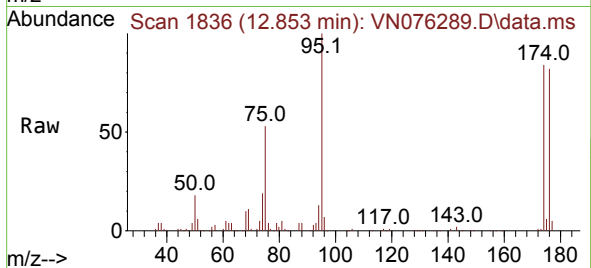
VN0118MBL01

Tgt Ion: 75 Resp: 89913

Ion Ratio Lower Upper

75 100

77 0.9 75.2 225.6#



#78

n-propylbenzene

Concen: 0.250 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076289.D

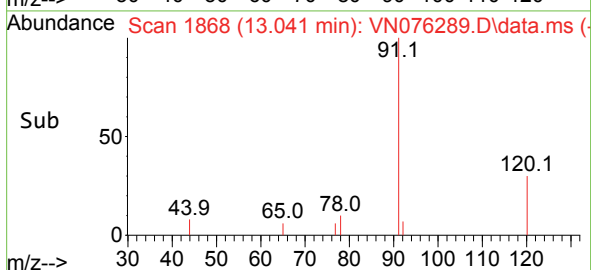
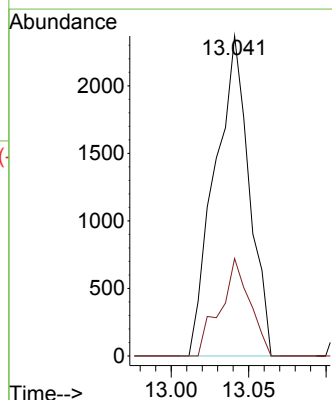
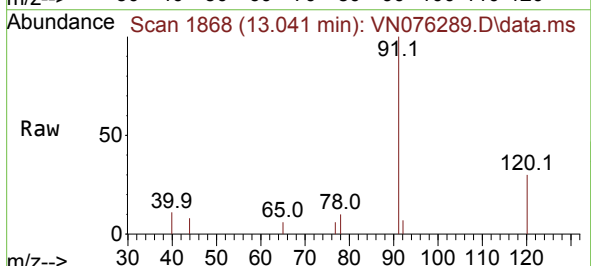
Acq: 18 Jan 2023 11:10

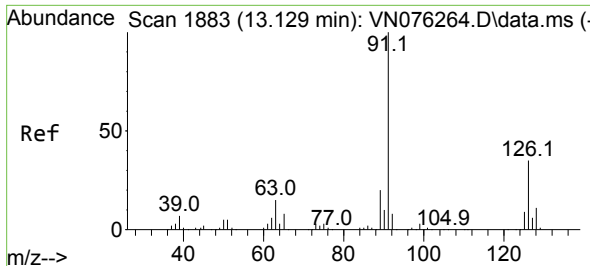
Tgt Ion: 91 Resp: 3648

Ion Ratio Lower Upper

91 100

120 26.2 11.9 35.5

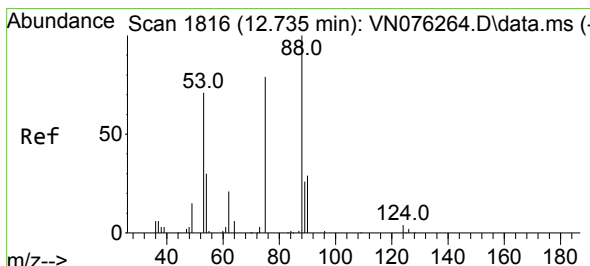
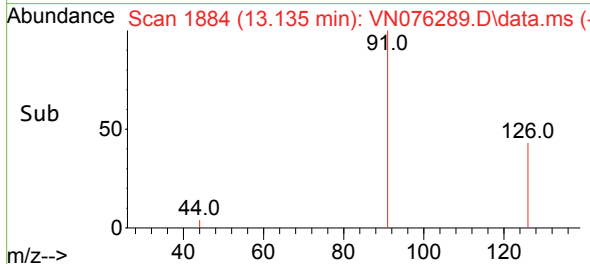
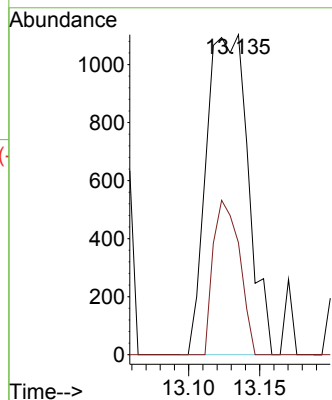
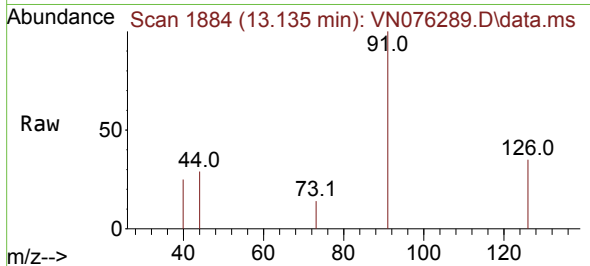




#79
2-Chlorotoluene
Concen: 0.251 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

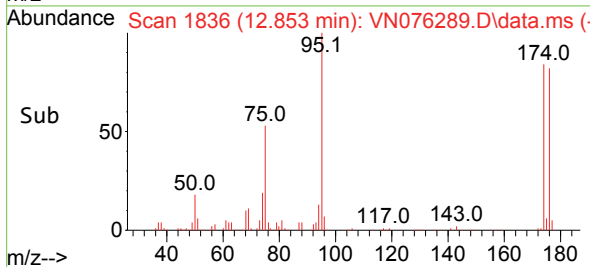
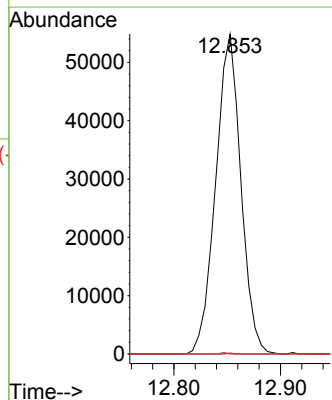
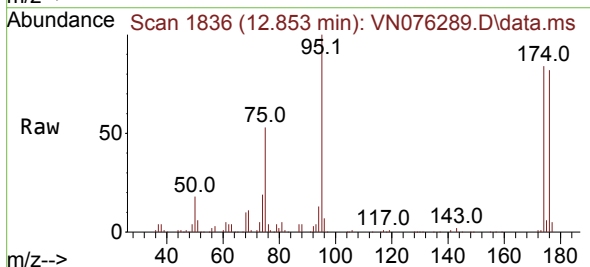
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

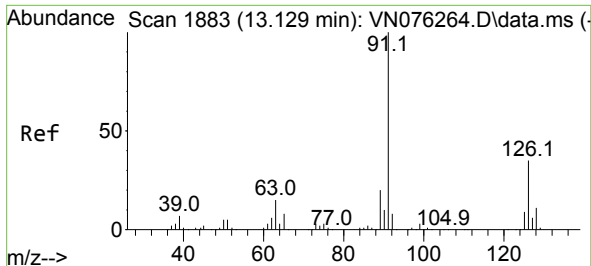
Tgt Ion: 91 Resp: 2244
Ion Ratio Lower Upper
91 100
126 30.5 17.4 52.2



#81
trans-1,4-Dichloro-2-butene
Concen: 89.658 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 75 Resp: 89913
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.1 37.0 55.6#

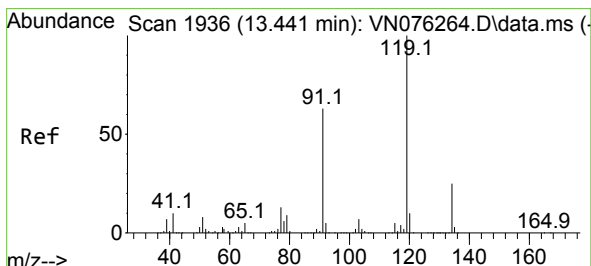
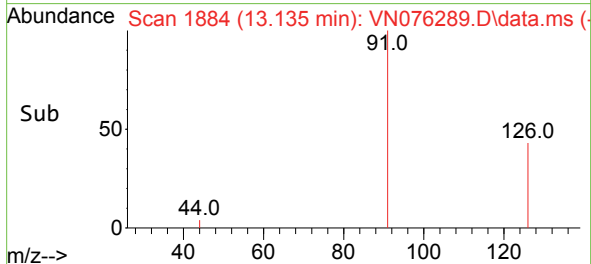
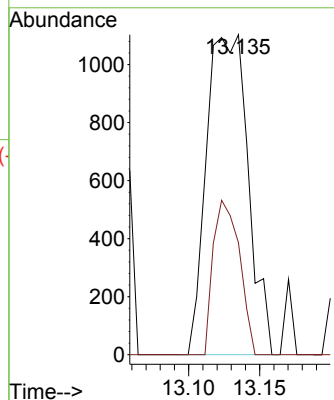
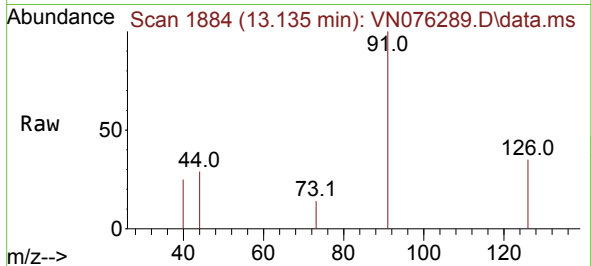




#82
4-Chlorotoluene
Concen: 0.251 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

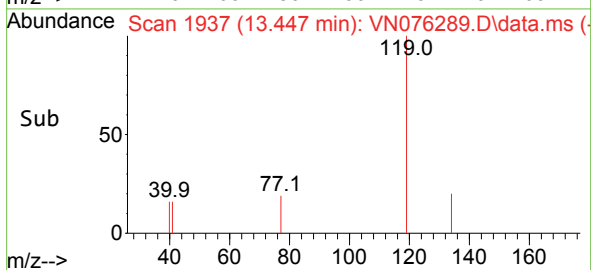
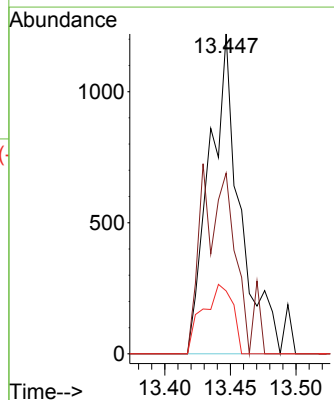
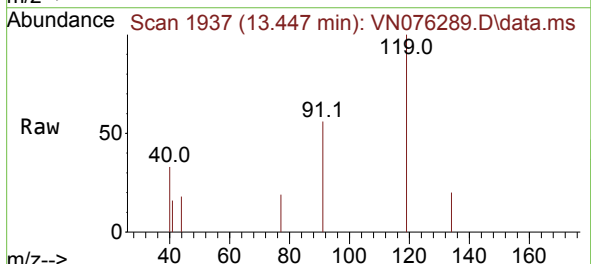
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

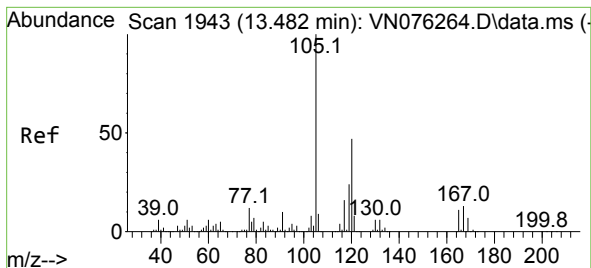
Tgt Ion: 91 Resp: 2244
Ion Ratio Lower Upper
91 100
126 30.5 17.4 52.2



#83
tert-Butylbenzene
Concen: 0.205 ug/l
RT: 13.447 min Scan# 1937
Delta R.T. 0.006 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 119 Resp: 1971
Ion Ratio Lower Upper
119 100
91 64.7 32.2 96.6
134 21.2 13.6 40.8





#84

1,2,4-Trimethylbenzene

Concen: 0.272 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

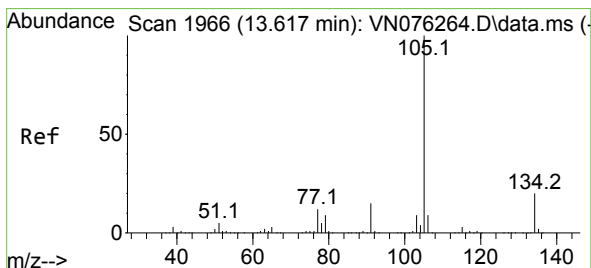
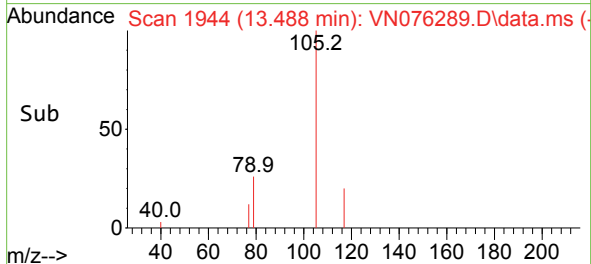
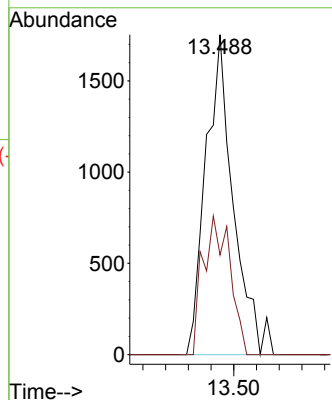
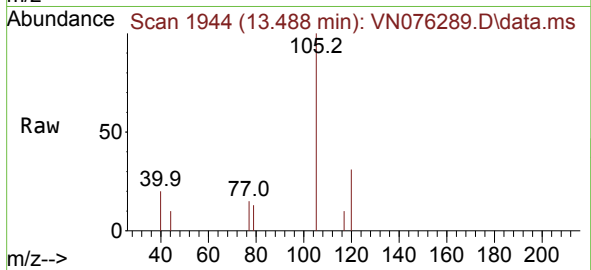
VN0118MBL01

Tgt Ion:105 Resp: 2953

Ion Ratio Lower Upper

105 100

120 42.4 22.9 68.5



#85

sec-Butylbenzene

Concen: 0.241 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076289.D

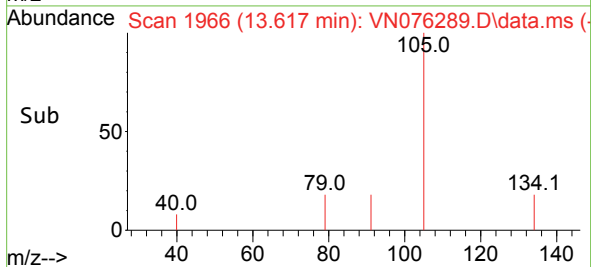
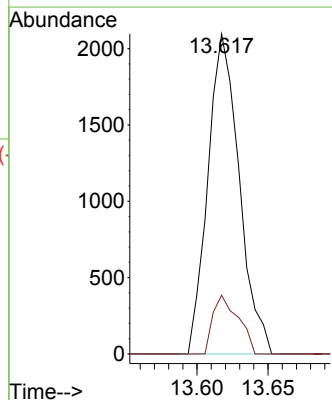
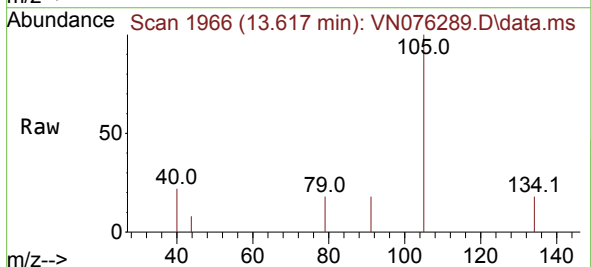
Acq: 18 Jan 2023 11:10

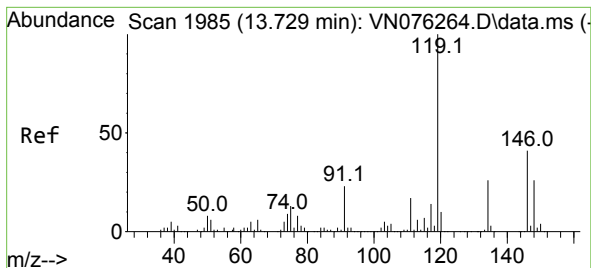
Tgt Ion:105 Resp: 3217

Ion Ratio Lower Upper

105 100

134 14.8 10.3 30.8





#86

p-Isopropyltoluene

Concen: 0.210 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBL01

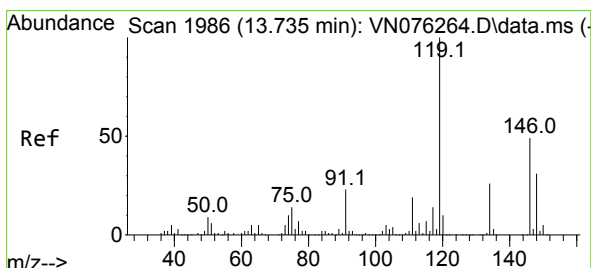
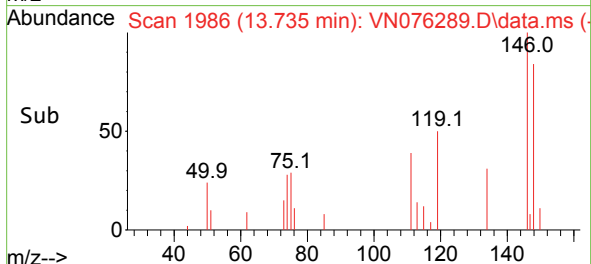
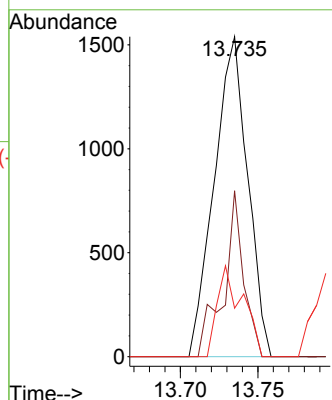
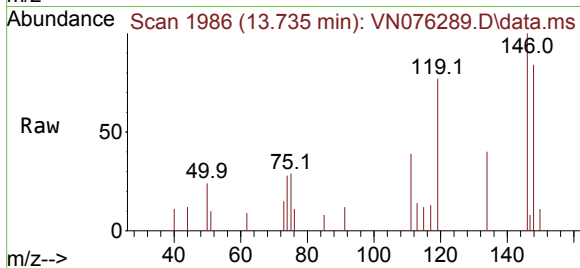
Tgt Ion:119 Resp: 2303

Ion Ratio Lower Upper

119 100

134 31.1 13.2 39.6

91 21.5 11.8 35.3



#87

1,3-Dichlorobenzene

Concen: 0.572 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

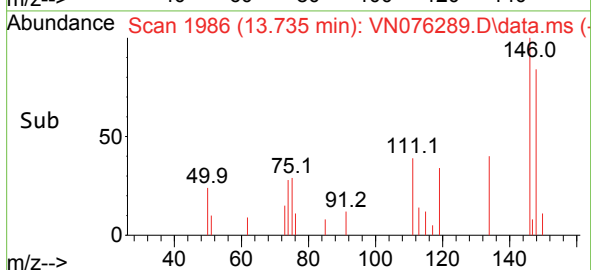
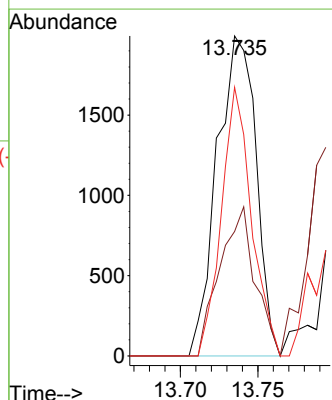
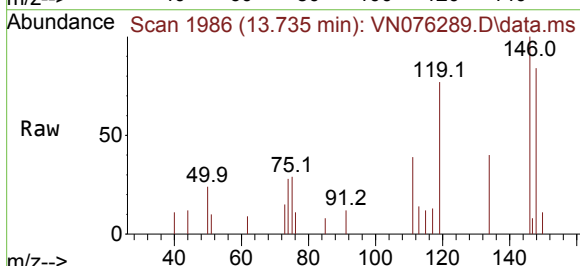
Tgt Ion:146 Resp: 3482

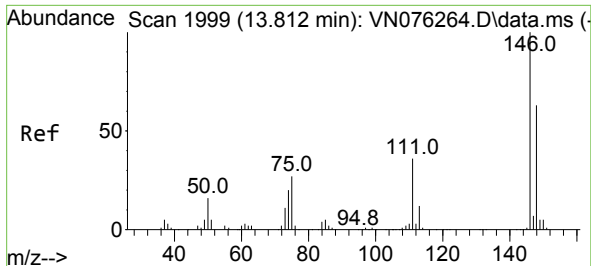
Ion Ratio Lower Upper

146 100

111 42.3 19.9 59.7

148 64.9 31.6 94.8

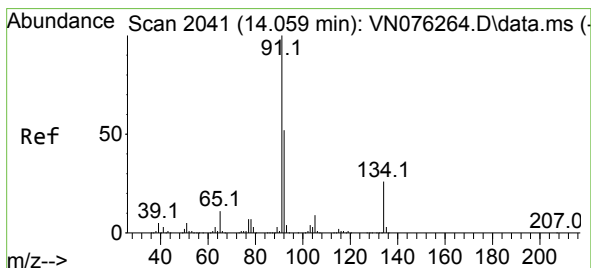
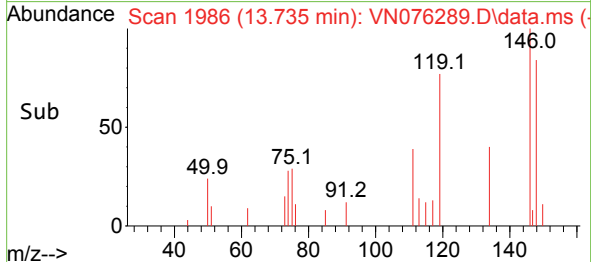
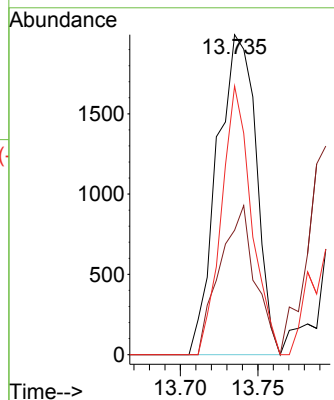
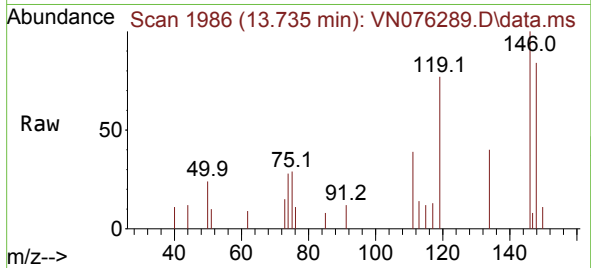




#88
1,4-Dichlorobenzene
Concen: 0.702 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.077 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

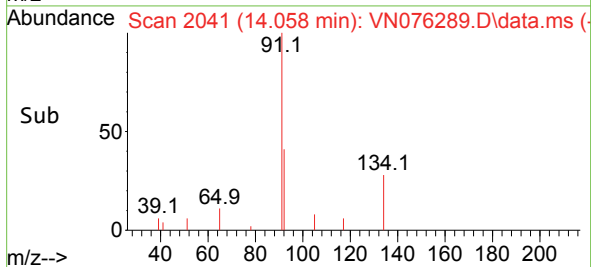
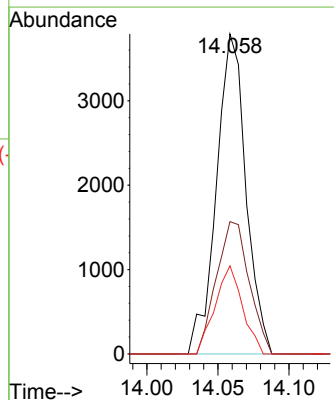
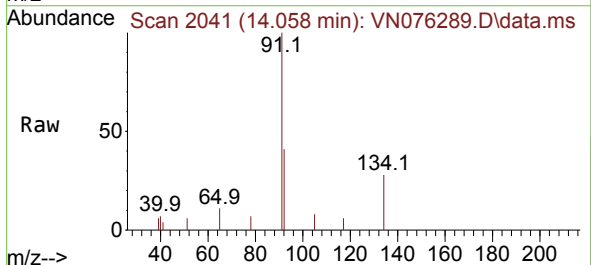
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

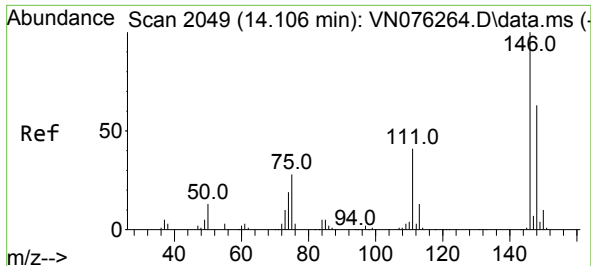
Tgt Ion:146 Resp: 3482
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.5
148 64.9 31.9 95.9



#89
n-Butylbenzene
Concen: 0.628 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 91 Resp: 5474
Ion Ratio Lower Upper
91 100
92 45.9 26.3 78.9
134 25.6 13.2 39.5

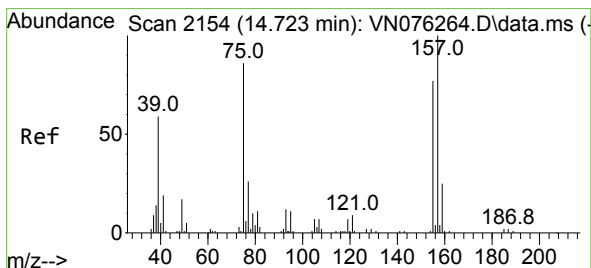
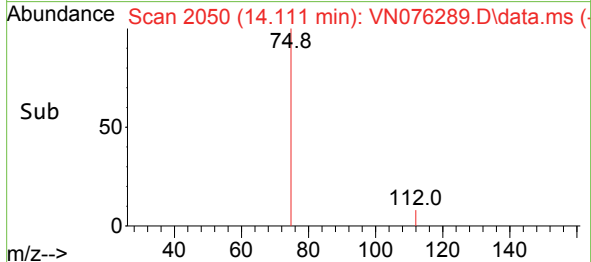
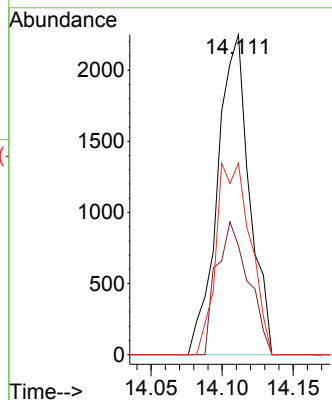
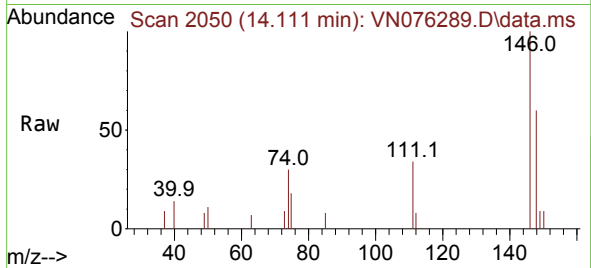




#91
1,2-Dichlorobenzene
Concen: 0.580 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

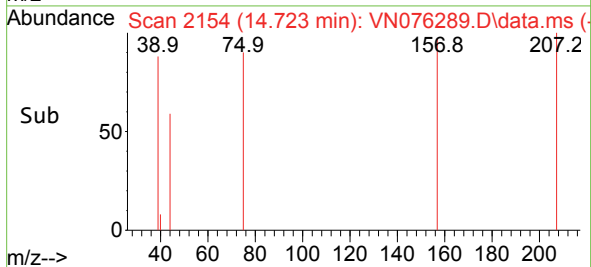
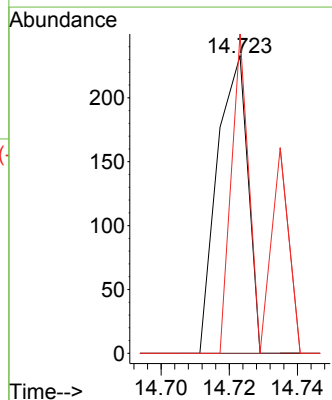
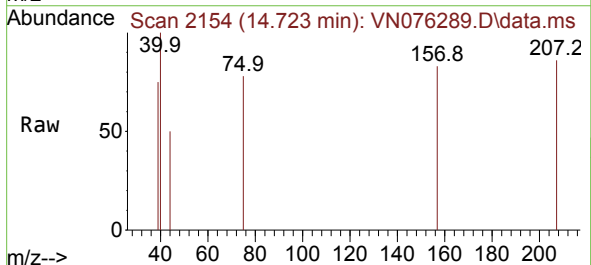
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBL01

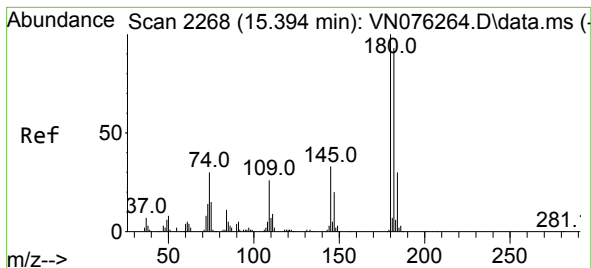
Tgt Ion:146 Resp: 3512
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.8
148 64.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.225 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076289.D
Acq: 18 Jan 2023 11:10

Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
155 0.0 45.0 135.0#
157 100.0 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 3.094 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076289.D

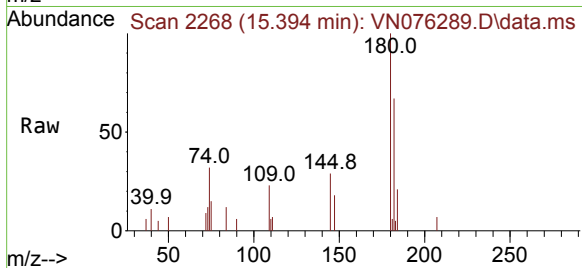
Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBL01



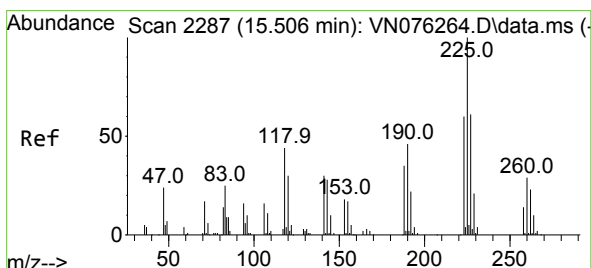
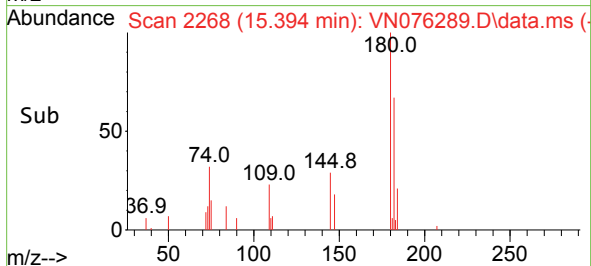
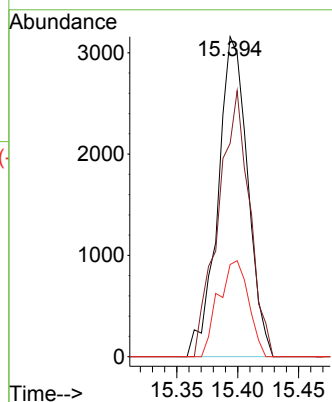
Tgt Ion:180 Resp: 5379

Ion Ratio Lower Upper

180 100

182 86.8 47.0 141.2

145 30.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.259 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

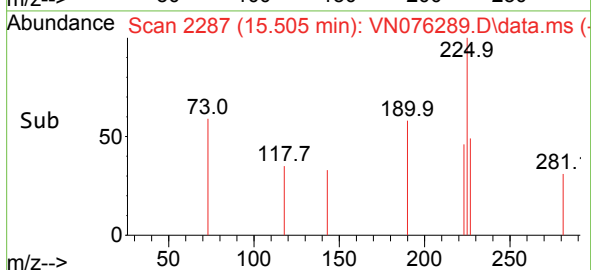
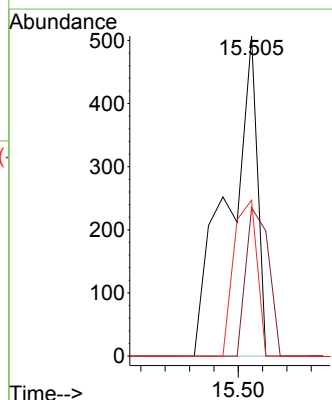
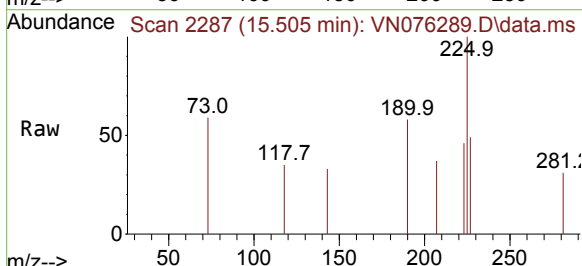
Tgt Ion:225 Resp: 416

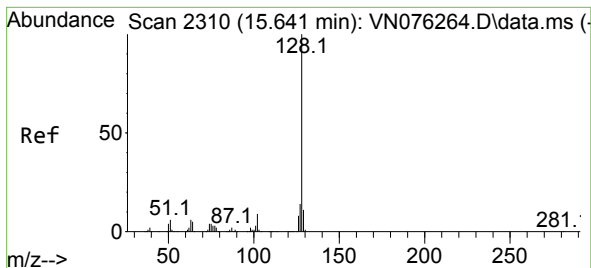
Ion Ratio Lower Upper

225 100

223 36.8 30.8 92.3

227 39.2 30.9 92.8





#95

Naphthalene

Concen: 4.497 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBL01

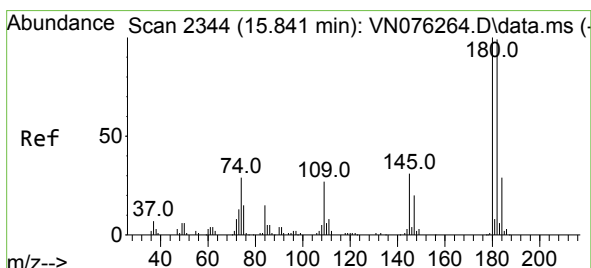
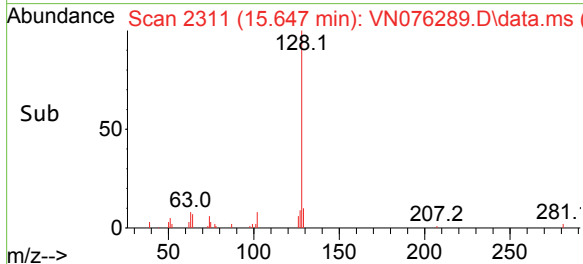
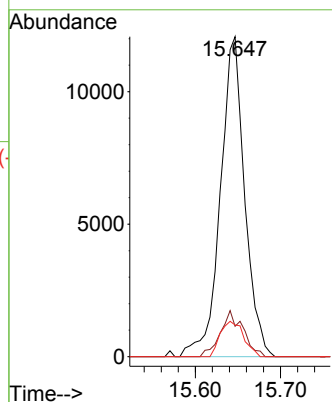
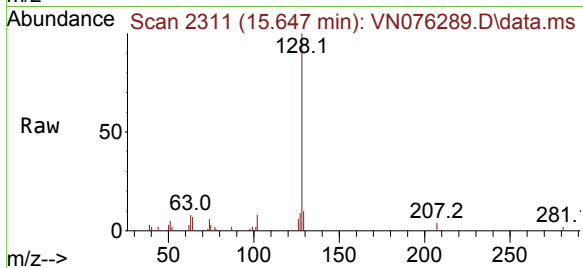
Tgt Ion:128 Resp: 23922

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.194 ug/l

RT: 15.835 min Scan# 2343

Delta R.T. -0.006 min

Lab File: VN076289.D

Acq: 18 Jan 2023 11:10

Tgt Ion:180 Resp: 5828

Ion Ratio Lower Upper

180 100

182 90.7 47.5 142.5

145 32.9 15.9 47.6

