

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076549.D
 Acq On : 06 Feb 2023 18:12
 Operator : JC\MD
 Sample : 01407-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30984

Quant Time: Feb 07 04:48:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	509833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	823203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	685994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279042	45.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.171	113	242287	47.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.565	98	934532	48.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.853	95	298008	44.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	128	Below Cal	#	42
11) Tert butyl alcohol	5.489	59	4676	5.661	ug/l #	73
13) Acrolein	4.189	56	391	0.348	ug/l	87
16) Acetone	4.477	43	759	Below Cal	#	39
17) Carbon Disulfide	4.683	76	2732	0.208	ug/l #	75
18) Methyl Acetate	5.047	43	3160	0.487	ug/l #	71
20) Methylene Chloride	5.265	84	7238	1.180	ug/l #	74
25) 2-Butanone	7.500	43	1256	0.419	ug/l #	44
29) Tetrahydrofuran	7.859	42	1334	0.699	ug/l #	67
31) Cyclohexane	8.224	56	10487	1.105	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	37444	5.144	ug/l #	48
38) Carbon Tetrachloride	8.224	117	51545	6.499	ug/l #	16
43) Isopropyl Acetate	8.800	43	11913	1.262	ug/l #	50
51) 4-Methyl-2-Pentanone	10.459	43	2280	0.403	ug/l	90
52) Toluene	10.635	92	10098	0.714	ug/l	100
59) 2-Hexanone	11.206	43	4871	1.185	ug/l	84
64) Tetrachloroethene	11.100	164	1496	0.258	ug/l #	78
67) Ethyl Benzene	11.965	91	6245	0.250	ug/l	90
68) m/p-Xylenes	12.076	106	6767	0.699	ug/l	87
69) o-Xylene	12.400	106	2831	0.297	ug/l	85
74) N-amyl acetate	12.500	43	3470	0.519	ug/l #	76
76) 1,2,3-Trichloropropane	12.853	75	144867	24.667	ug/l #	1
77) Bromobenzene	12.982	156	1394	0.258	ug/l	98
78) n-propylbenzene	13.041	91	6684	0.262	ug/l	100
79) 2-Chlorotoluene	13.129	91	3684	0.227	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	4361	0.224	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.853	75	144867	82.141	ug/l #	13
82) 4-Chlorotoluene	13.129	91	3684	0.227	ug/l	89
84) 1,2,4-Trimethylbenzene	13.488	105	10714	0.555	ug/l	94
85) sec-Butylbenzene	13.623	105	5074	0.218	ug/l	93
86) p-Isopropyltoluene	13.729	119	6747	0.355	ug/l #	73
87) 1,3-Dichlorobenzene	13.735	146	4446	0.444	ug/l	82
88) 1,4-Dichlorobenzene	13.735	146	4446	0.441	ug/l	82
89) n-Butylbenzene	14.064	91	10616	0.705	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	4562	0.465	ug/l #	67
92) 1,2-Dibromo-3-Chloropr...	14.723	75	647	0.564	ug/l #	1

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QLast Update : Tue Feb 07 01:44:01 2023
Response via : Initial Calibration

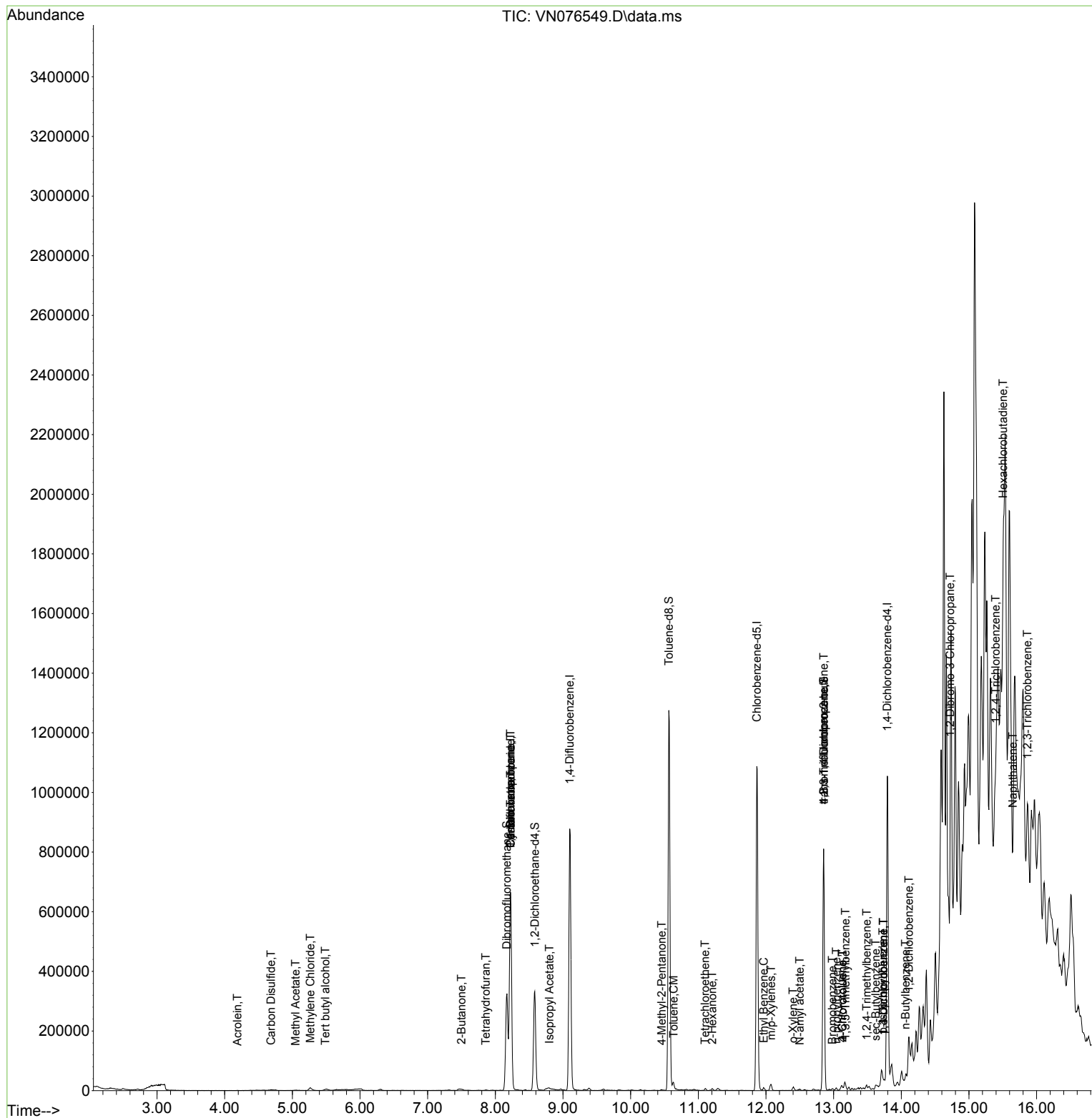
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	12953	2.994	ug/l	76
94) Hexachlorobutadiene	15.506	225	1050	0.423	ug/l	95
95) Naphthalene	15.647	128	42944	3.370	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.864	180	18252	4.389	ug/l #	37

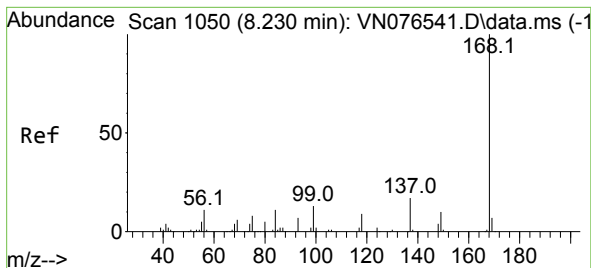
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

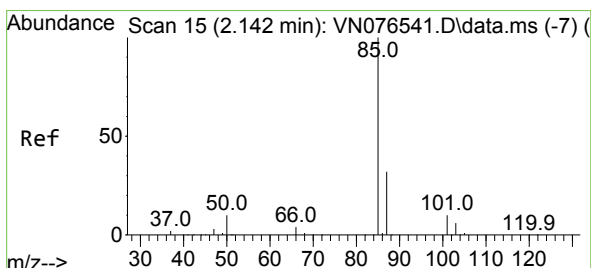
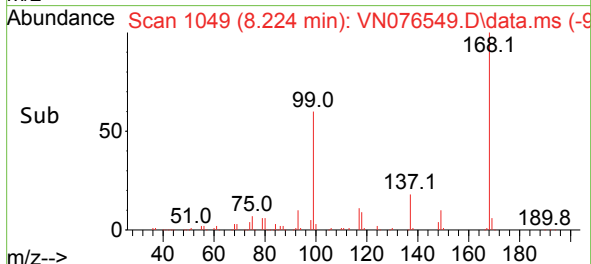
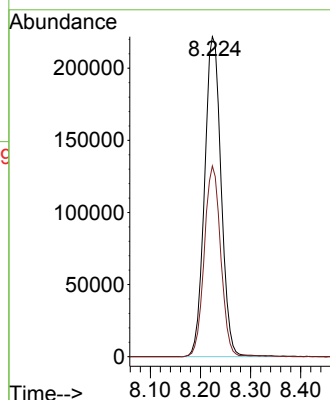
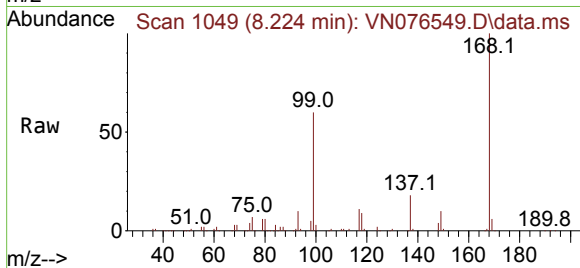
30984

Tgt Ion:168 Resp: 509833

Ion Ratio Lower Upper

168 100

99 59.6 47.1 70.7



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.124 min Scan# 12

Delta R.T. -0.018 min

Lab File: VN076549.D

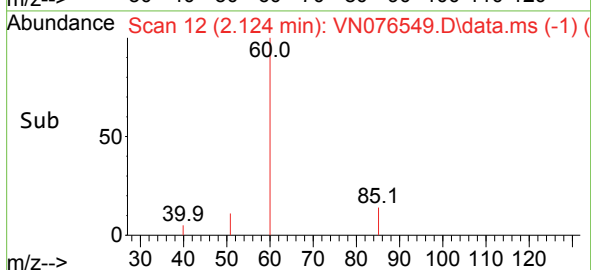
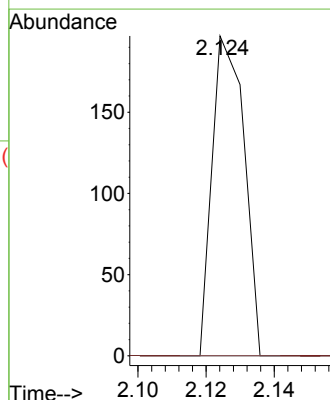
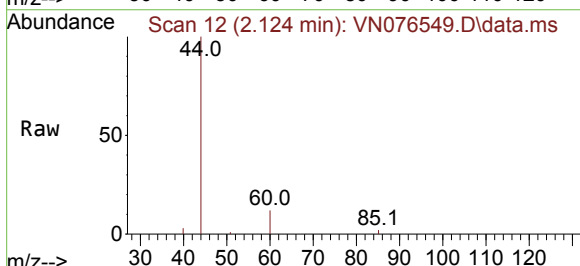
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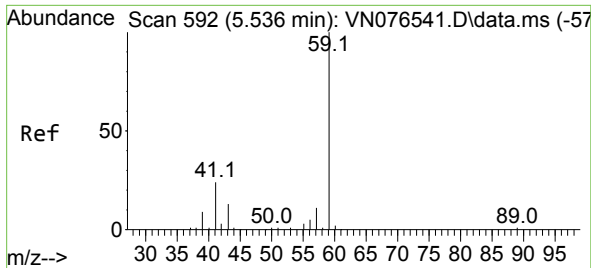
Tgt Ion: 85 Resp: 128

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

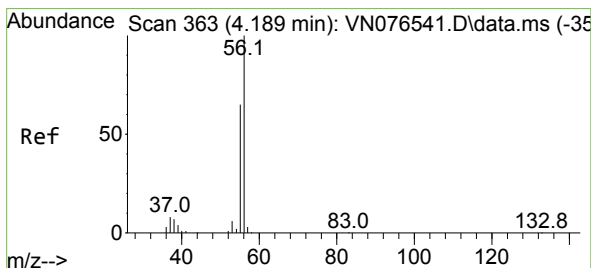
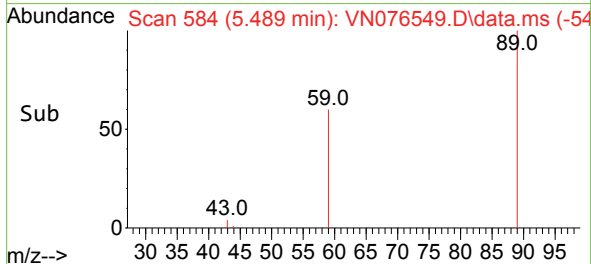
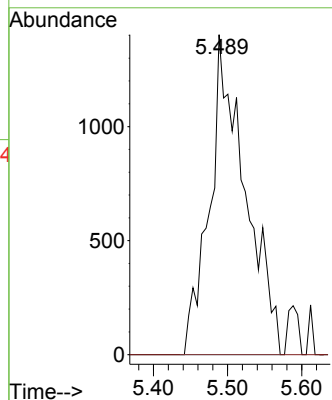
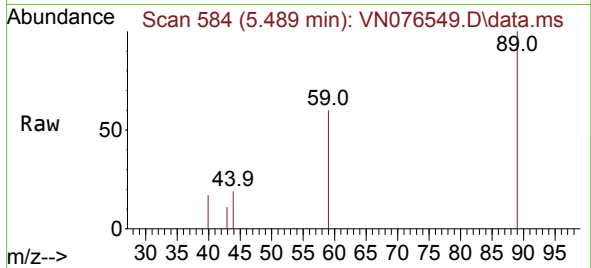




#11
Tert butyl alcohol
Concen: 5.661 ug/l
RT: 5.489 min Scan# 59
Delta R.T. -0.047 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

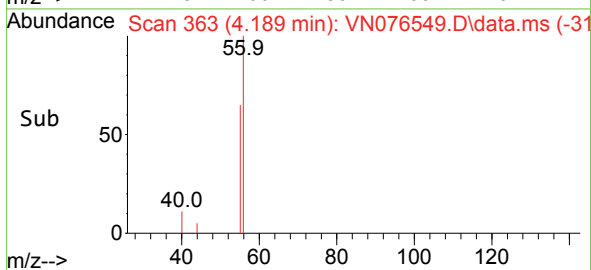
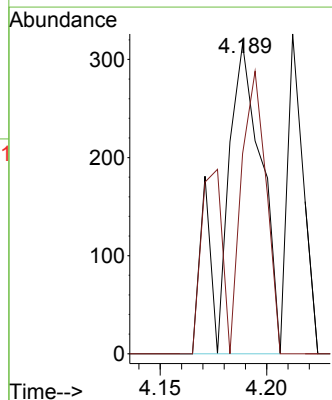
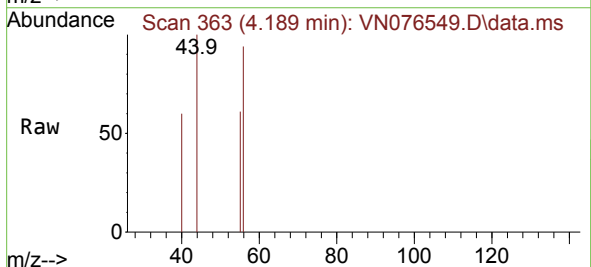
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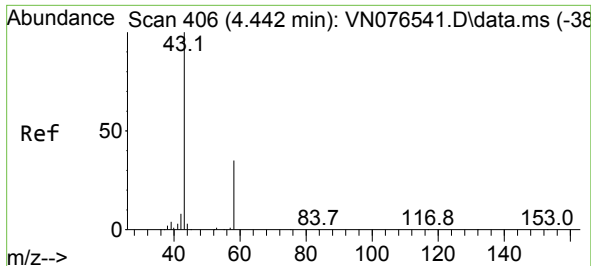
Tgt Ion: 59 Resp: 4676
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.348 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 56 Resp: 391
Ion Ratio Lower Upper
56 100
55 59.1 55.4 83.2

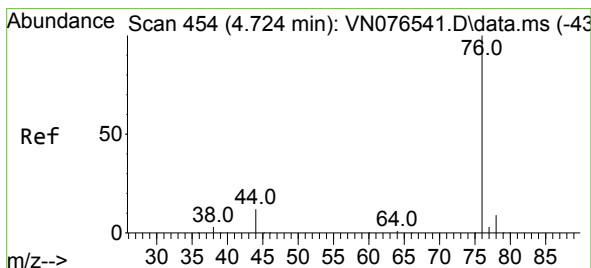
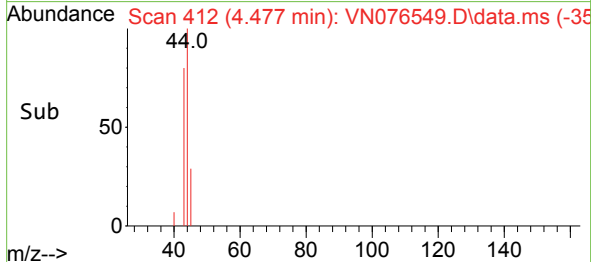
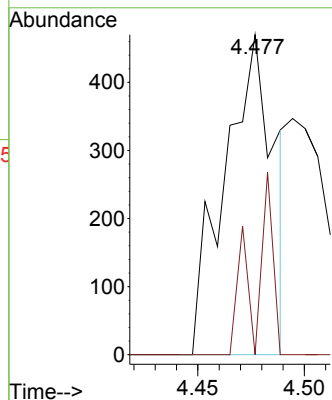
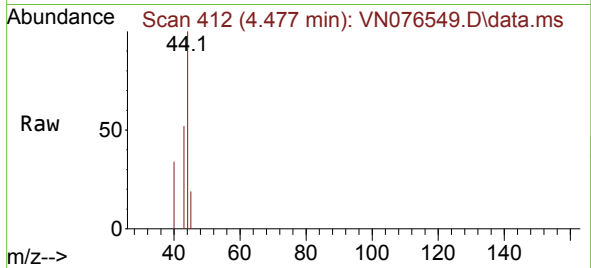




#16
Acetone
Concen: Below Cal
RT: 4.477 min Scan# 412
Delta R.T. 0.035 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

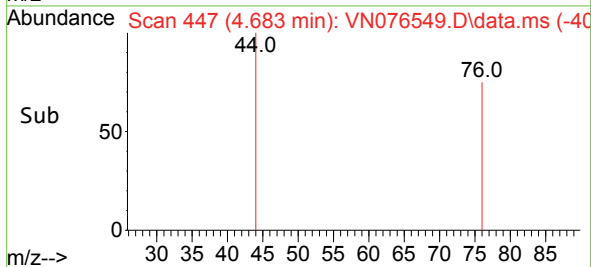
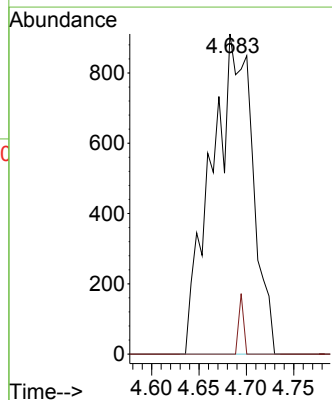
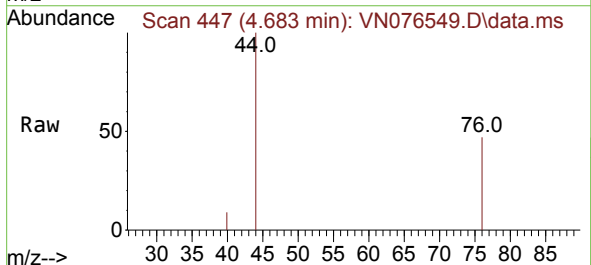
Instrument :
MSVOA_N
ClientSampleId :
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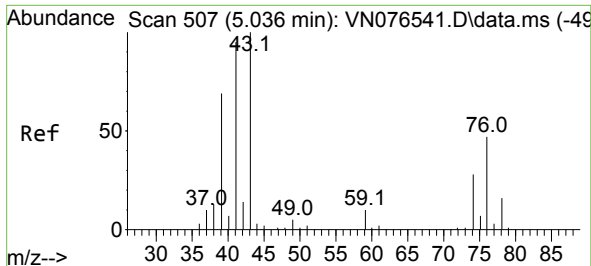
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 4.683 min Scan# 447
Delta R.T. -0.041 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 76 Resp: 2732
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

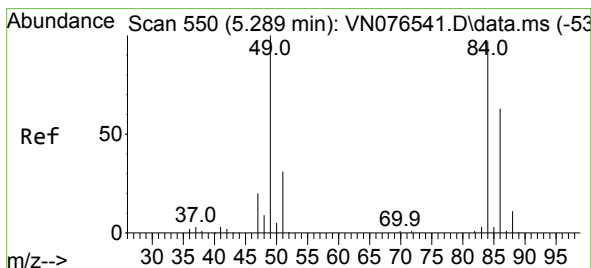
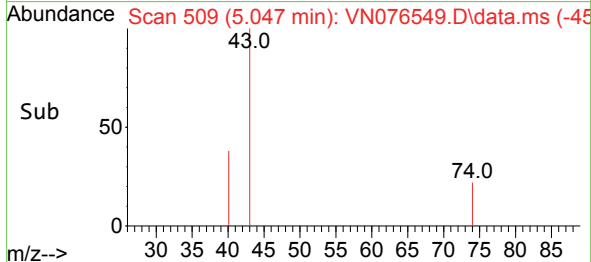
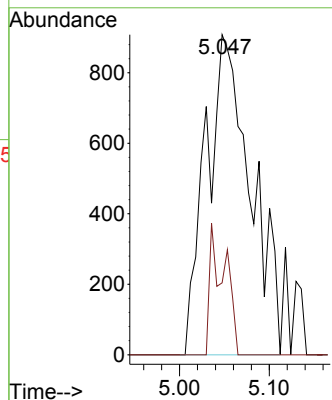
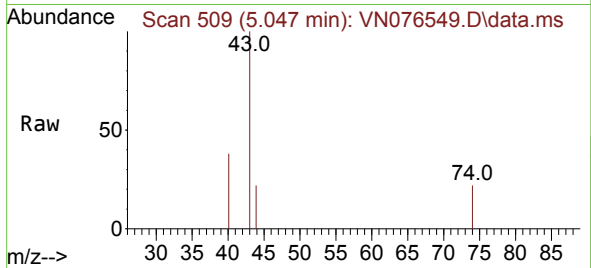




#18
Methyl Acetate
Concen: 0.487 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

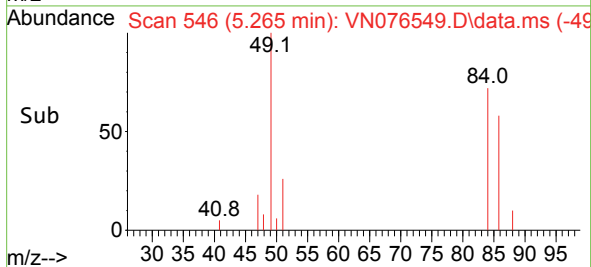
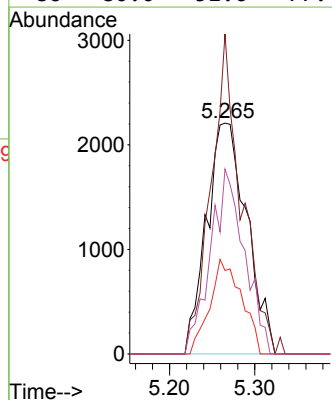
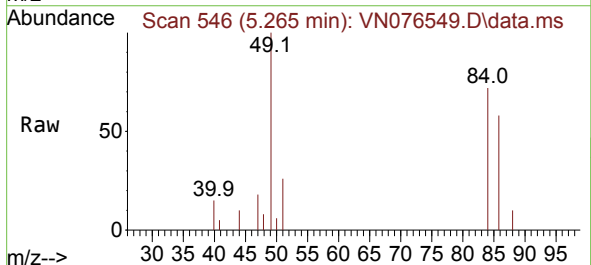
Instrument :
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ClientSampleId :
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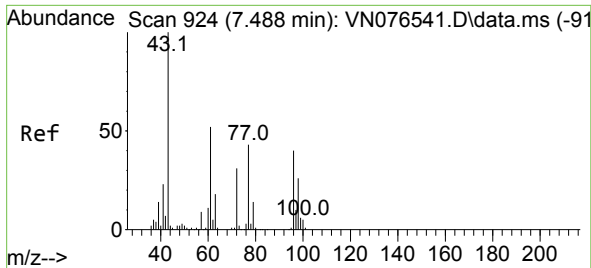
Tgt Ion: 43 Resp: 3160
Ion Ratio Lower Upper
43 100
74 13.7 23.6 35.4#



#20
Methylene Chloride
Concen: 1.180 ug/l
RT: 5.265 min Scan# 546
Delta R.T. -0.024 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 84 Resp: 7238
Ion Ratio Lower Upper
84 100
49 138.6 82.3 123.5#
51 36.2 25.9 38.9
86 80.0 51.6 77.4#

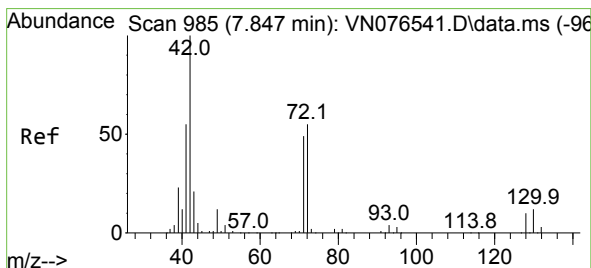
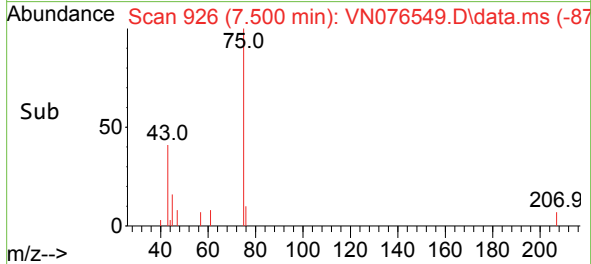
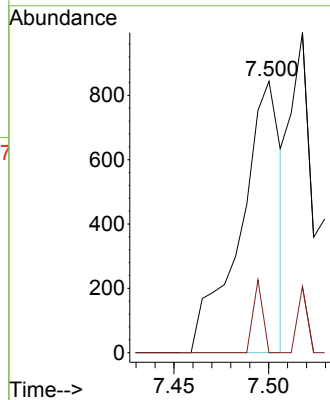
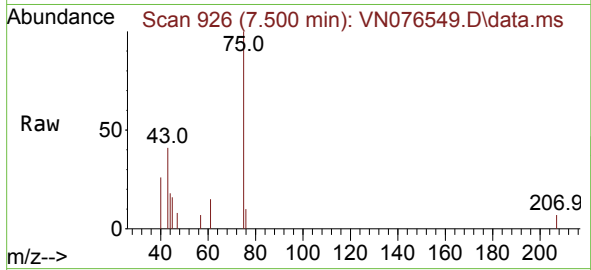




#25
2-Butanone
Concen: 0.419 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

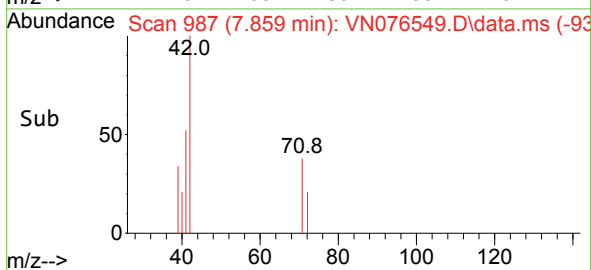
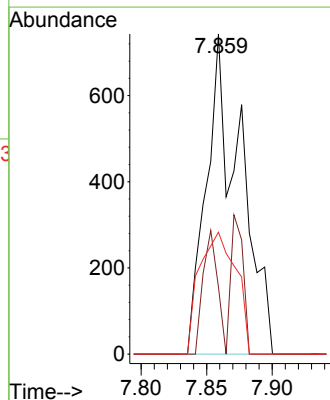
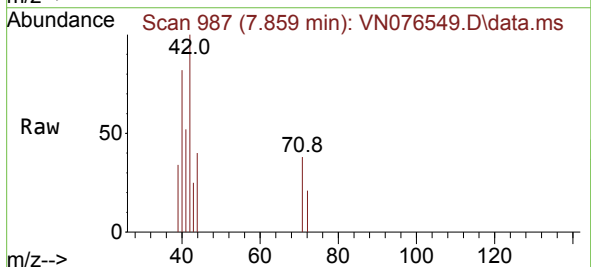
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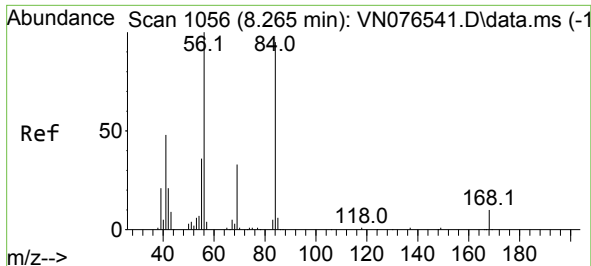
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#



#29
Tetrahydrofuran
Concen: 0.699 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.012 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 42 Resp: 1334
Ion Ratio Lower Upper
42 100
72 16.6 43.4 65.2#
71 41.1 39.4 59.2

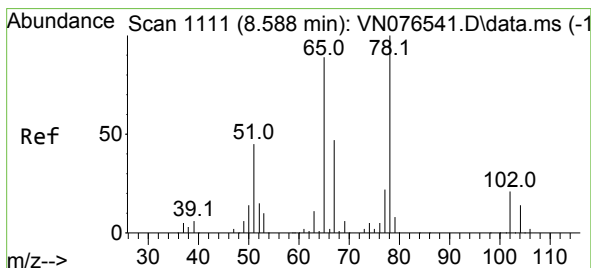
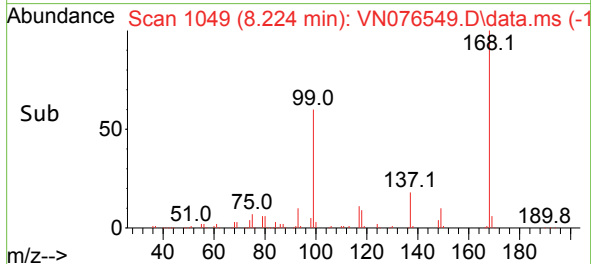
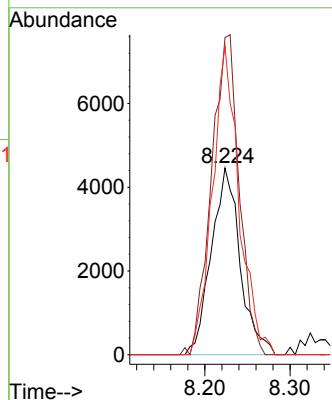
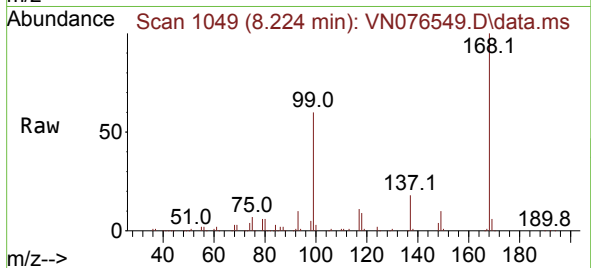




#31
Cyclohexane
Concen: 1.105 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

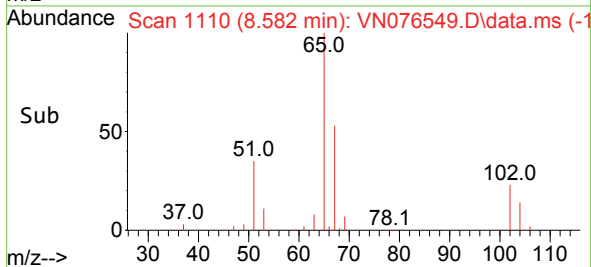
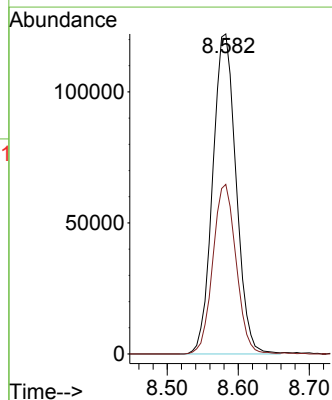
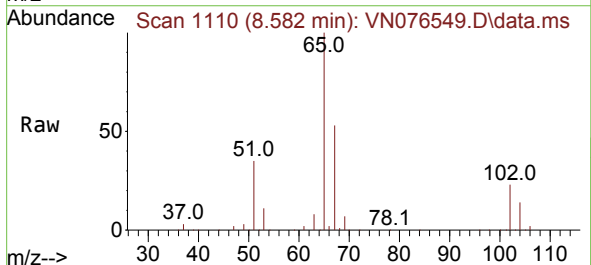
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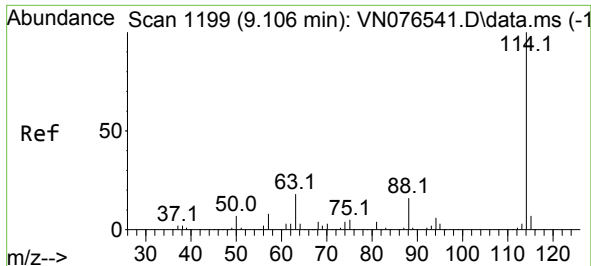
Tgt Ion: 56 Resp: 10487
Ion Ratio Lower Upper
56 100
69 169.9 26.5 39.7#
84 165.2 76.2 114.4#



#33
1,2-Dichloroethane-d4
Concen: 45.967 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 65 Resp: 279042
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

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ClientSampleId :

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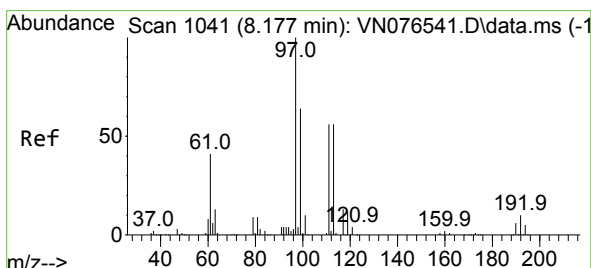
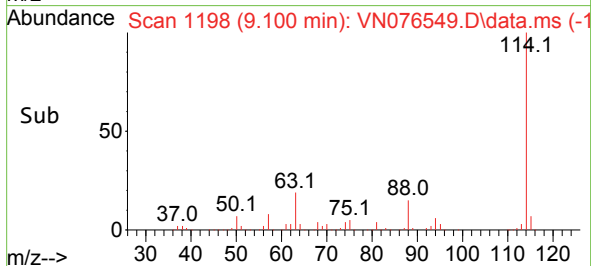
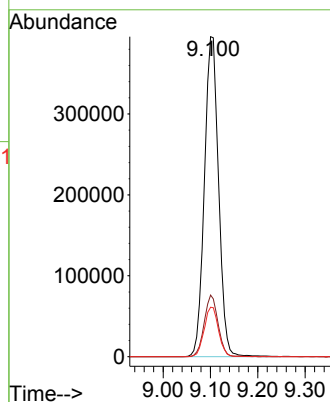
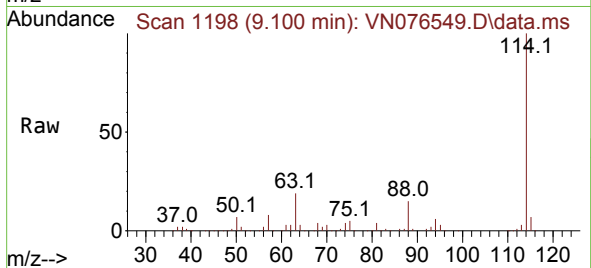
Tgt Ion:114 Resp: 823203

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

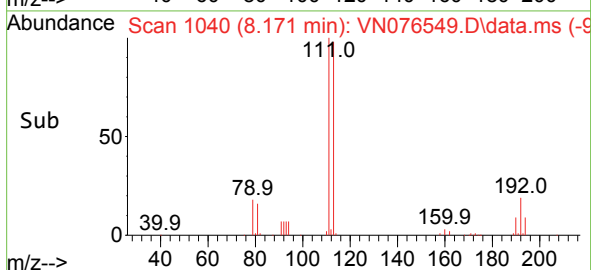
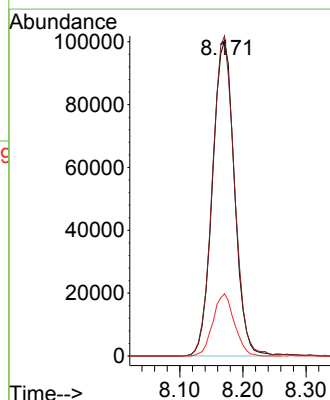
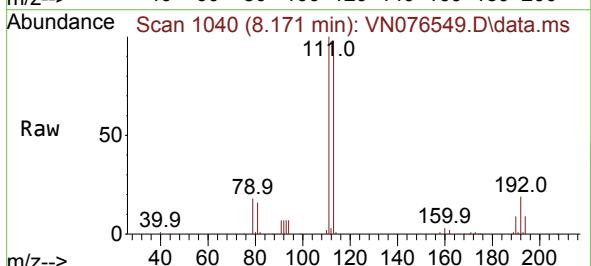
Tgt Ion:113 Resp: 242287

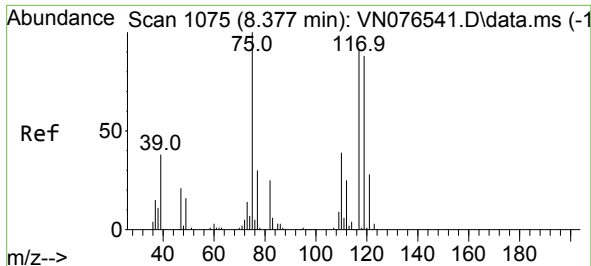
Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

192 19.2 15.0 22.4

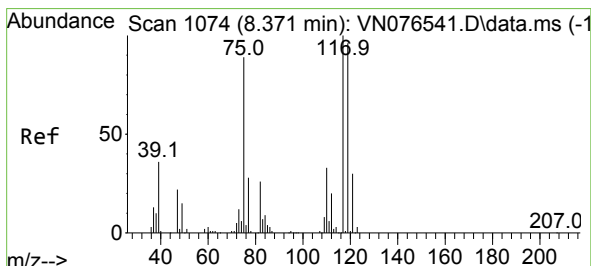
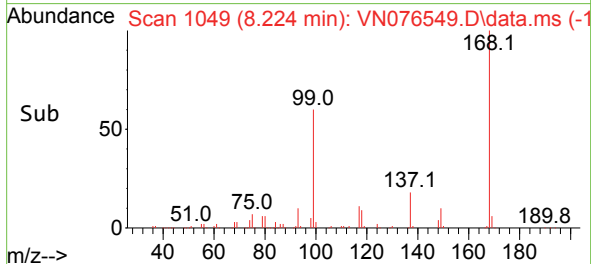
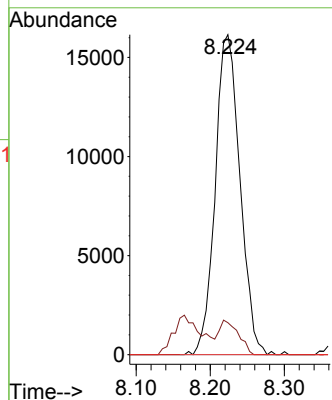
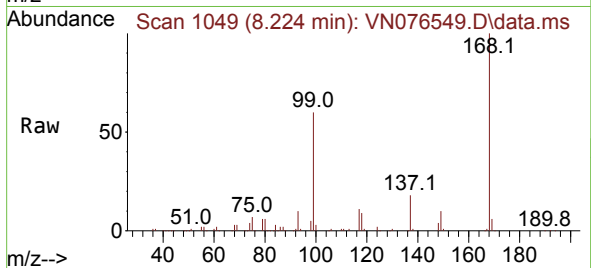




#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

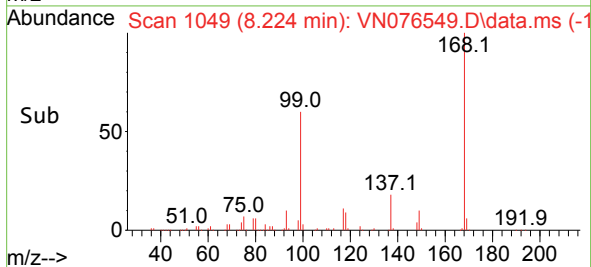
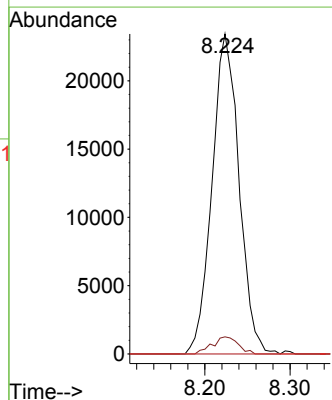
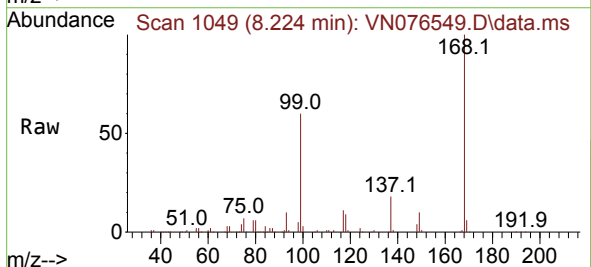
Instrument :
MSVOA_N
ClientSampleId :
30984

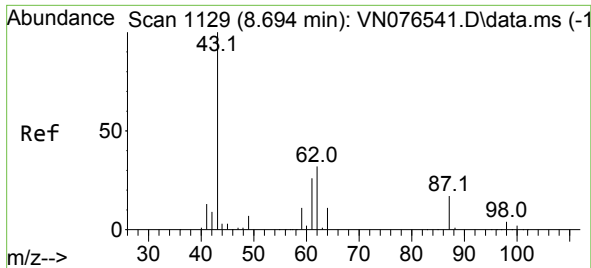
Tgt Ion: 75 Resp: 37444
Ion Ratio Lower Upper
75 100
110 8.3 18.6 55.6#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 117 Resp: 51545
Ion Ratio Lower Upper
117 100
119 5.4 76.5 114.7#
121 0.0 24.2 36.4#

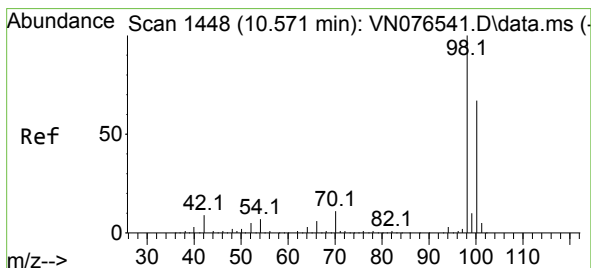
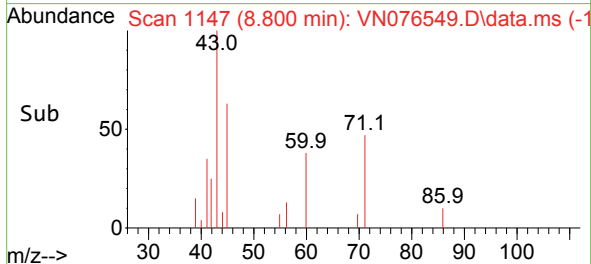
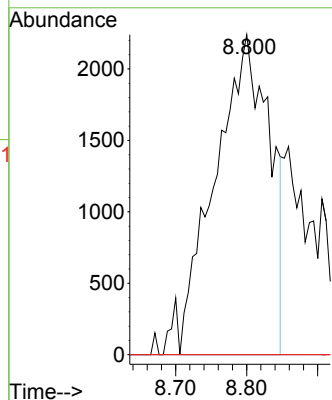
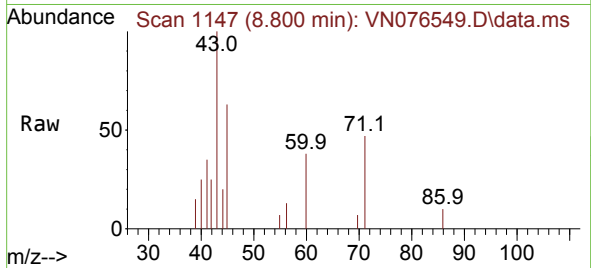




#43
Isopropyl Acetate
Concen: 1.262 ug/l
RT: 8.800 min Scan# 1129
Delta R.T. 0.106 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

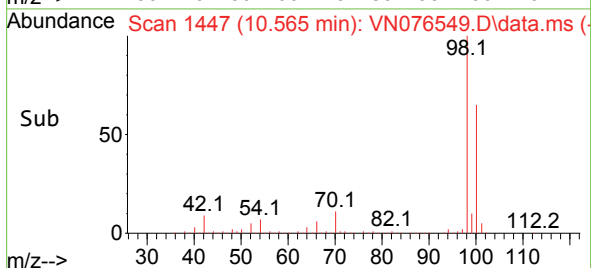
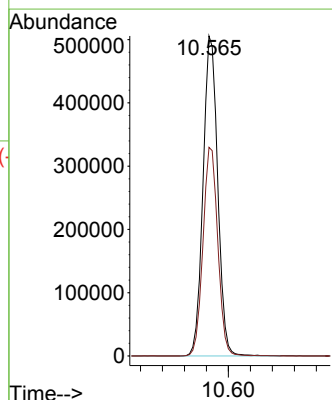
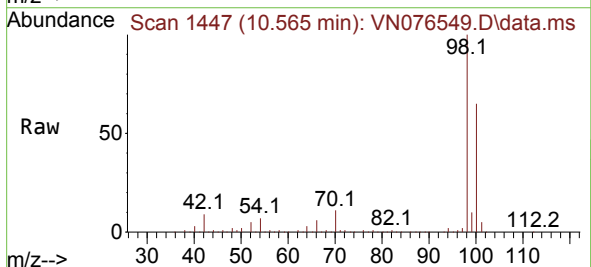
Instrument :
MSVOA_N
ClientSampleId :
30984

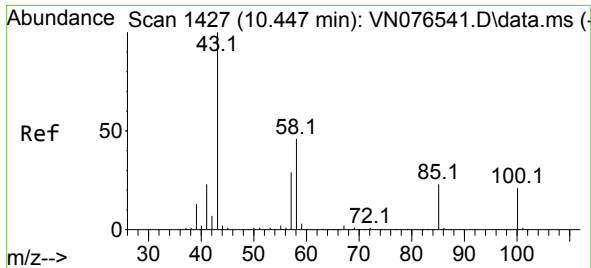
Tgt Ion: 43 Resp: 11913
Ion Ratio Lower Upper
43 100
61 0.0 24.6 36.8#
87 0.0 13.3 19.9#



#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 98 Resp: 934532
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

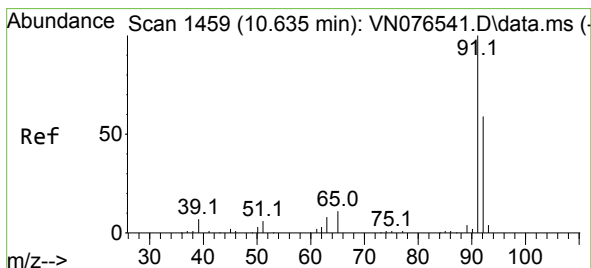
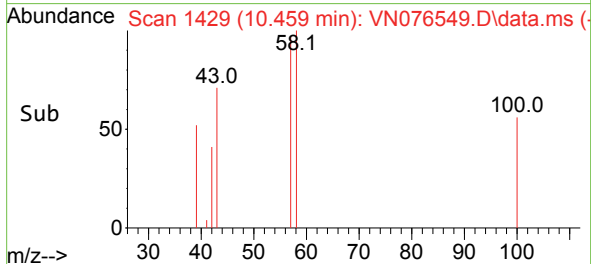
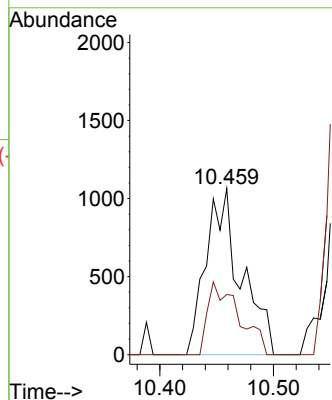
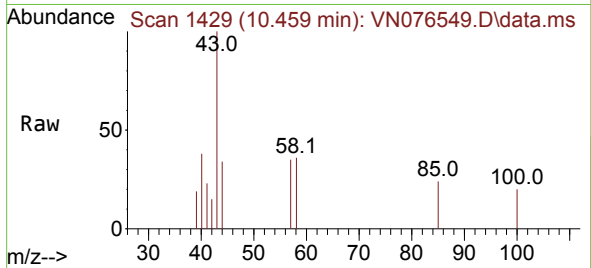




#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 10.459 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

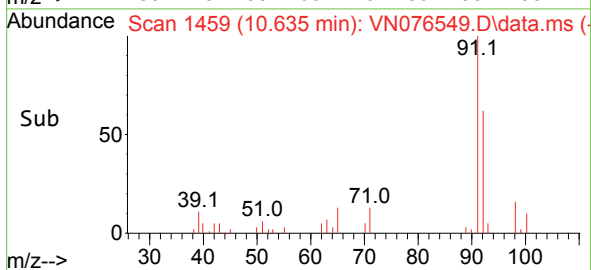
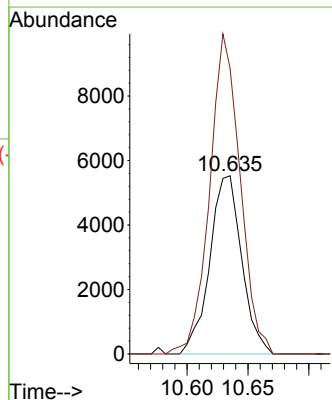
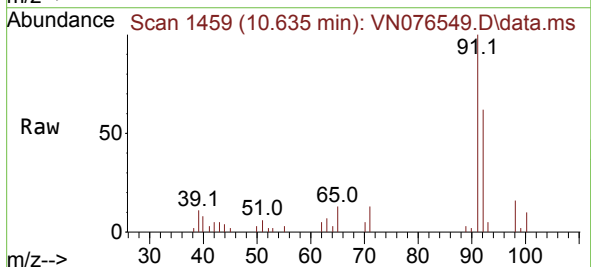
Instrument :
MSVOA_N
ClientSampleId :
30984

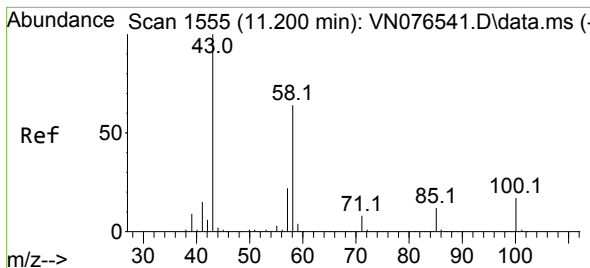
Tgt Ion: 43 Resp: 2280
Ion Ratio Lower Upper
43 100
58 39.1 36.4 54.6



#52
Toluene
Concen: 0.714 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 92 Resp: 10098
Ion Ratio Lower Upper
92 100
91 171.1 136.8 205.2

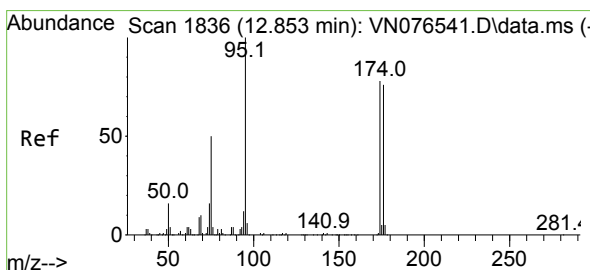
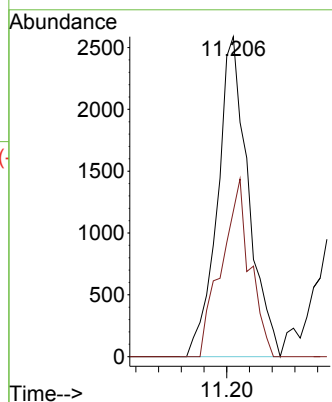
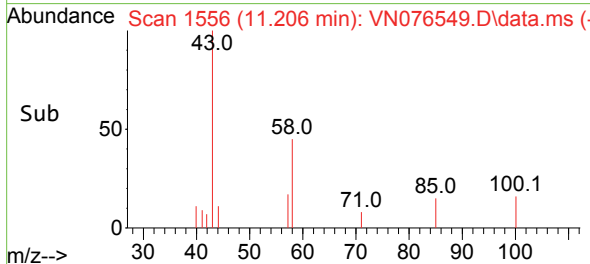
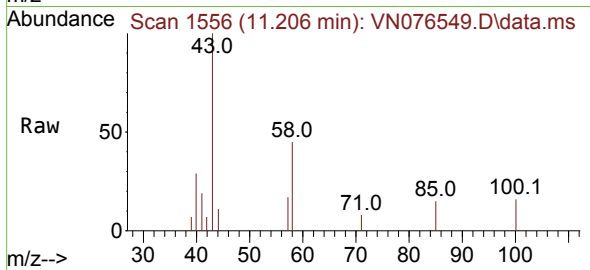




#59
2-Hexanone
Concen: 1.185 ug/l
RT: 11.206 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

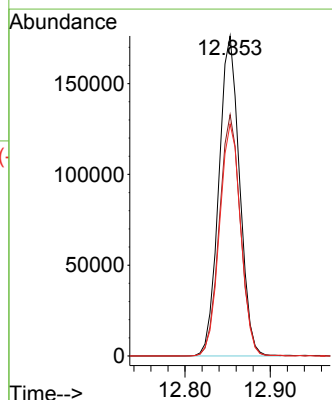
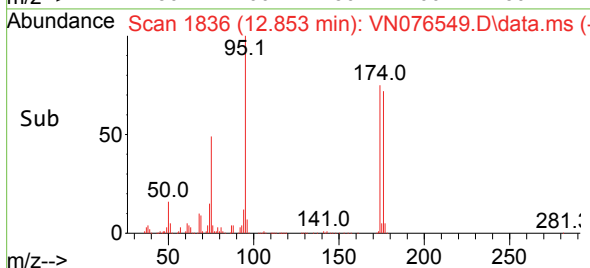
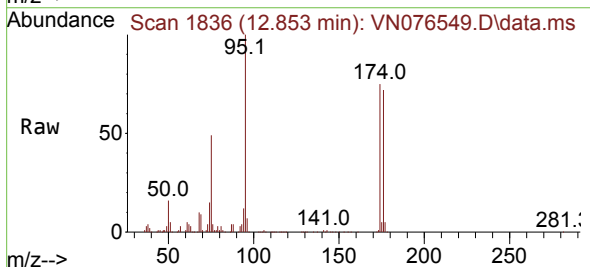
Instrument :
MSVOA_N
ClientSampleId :
30984

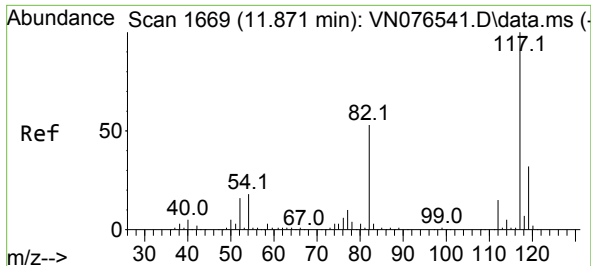
Tgt Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
58 51.3 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 44.424 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 95 Resp: 298008
Ion Ratio Lower Upper
95 100
174 76.5 0.0 153.4
176 74.0 0.0 149.0

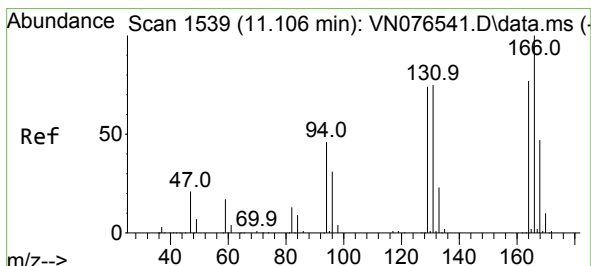
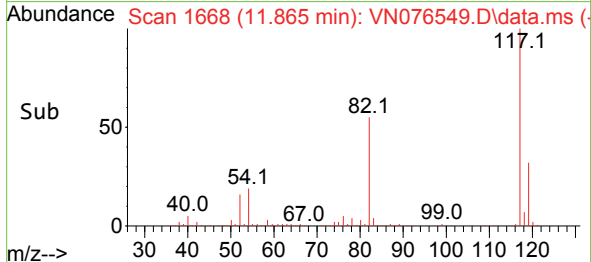
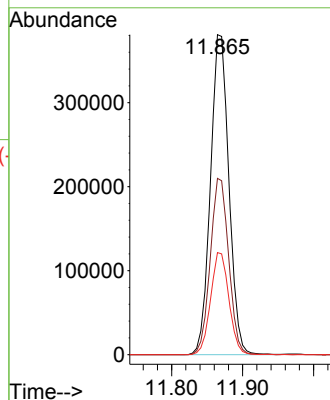
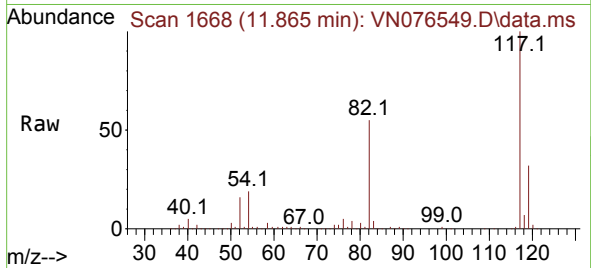




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

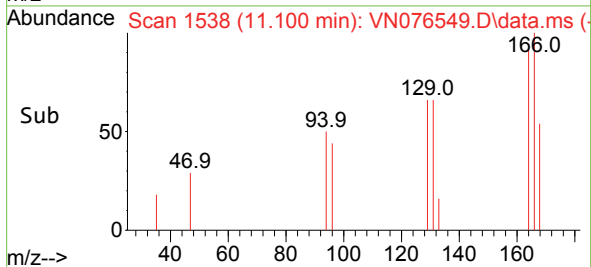
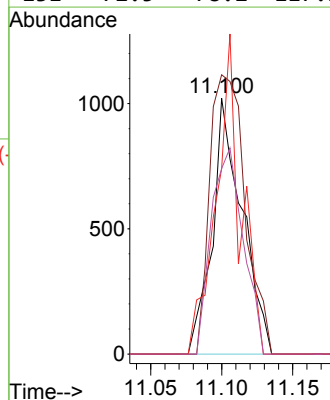
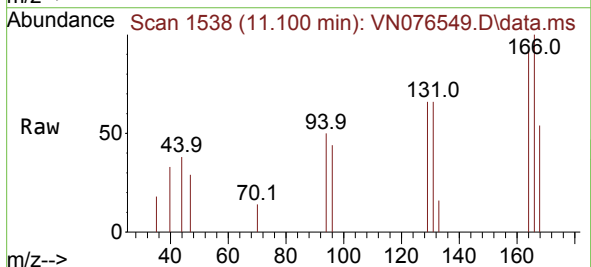
Instrument :
MSVOA_N
ClientSampleId :
30984

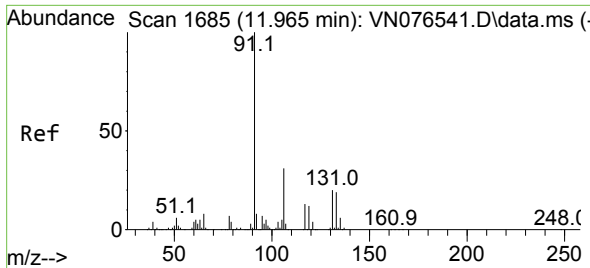
Tgt Ion:117 Resp: 685994
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 0.258 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion:164 Resp: 1496
Ion Ratio Lower Upper
164 100
166 109.2 104.3 156.5
129 72.5 77.7 116.5#
131 72.5 78.2 117.2#

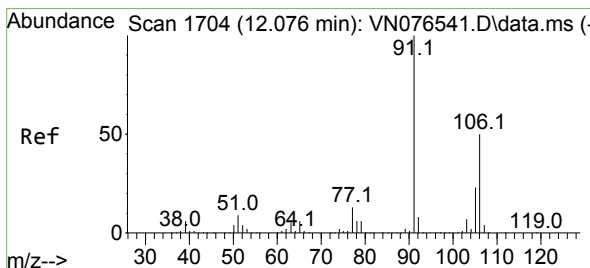
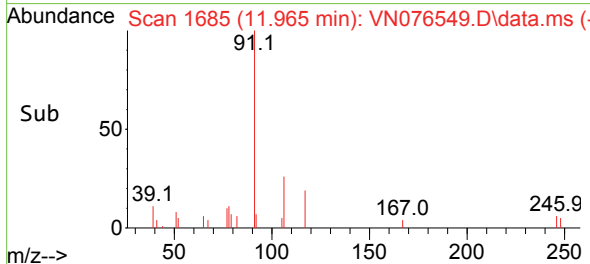
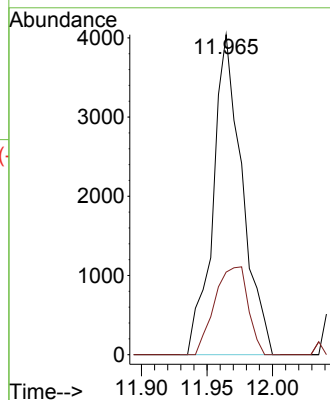
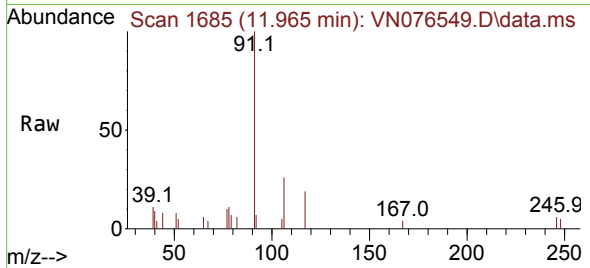




#67
Ethyl Benzene
Concen: 0.250 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

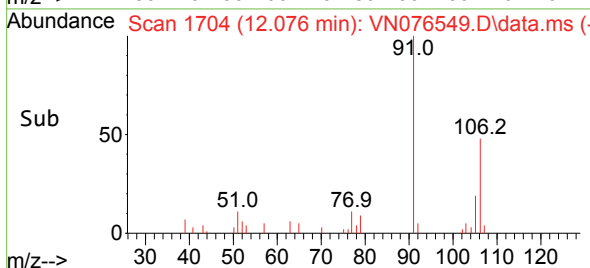
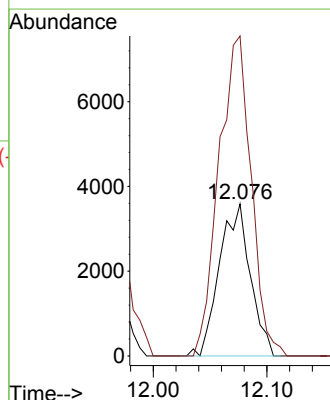
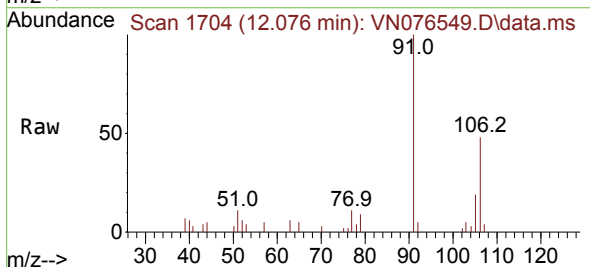
Instrument :
MSVOA_N
ClientSampleId :
30984

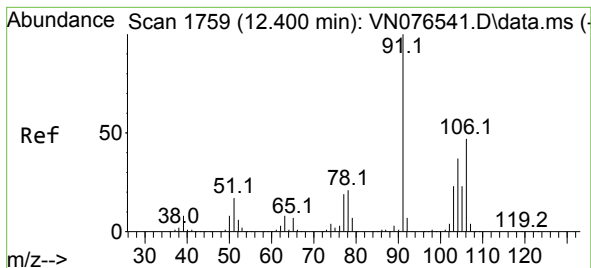
Tgt Ion: 91 Resp: 6245
Ion Ratio Lower Upper
91 100
106 25.8 25.0 37.6



#68
m/p-Xylenes
Concen: 0.699 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 106 Resp: 6767
Ion Ratio Lower Upper
106 100
91 220.3 160.2 240.4





#69

o-Xylene

Concen: 0.297 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

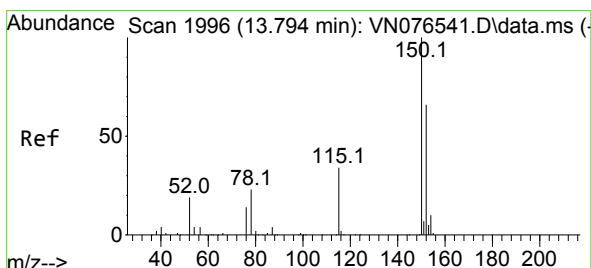
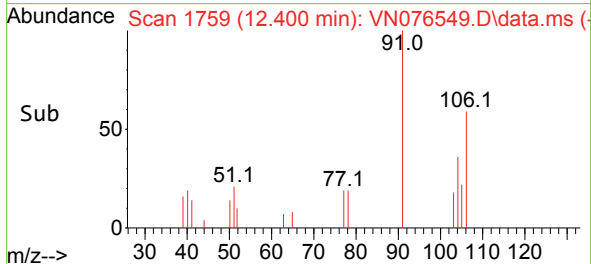
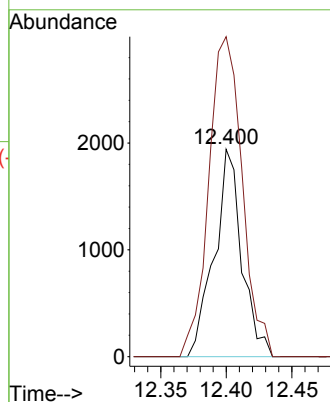
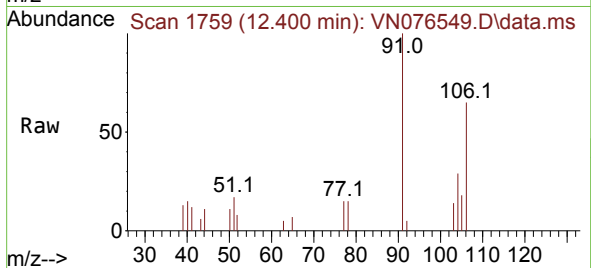
30984

Tgt Ion:106 Resp: 2831

Ion Ratio Lower Upper

106 100

91 187.7 105.7 317.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

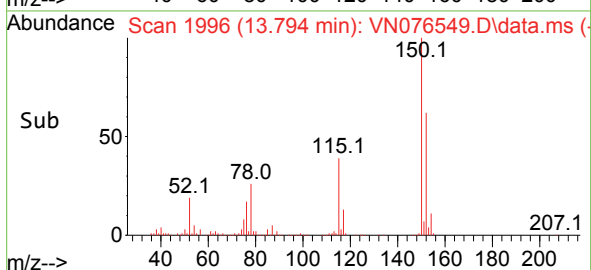
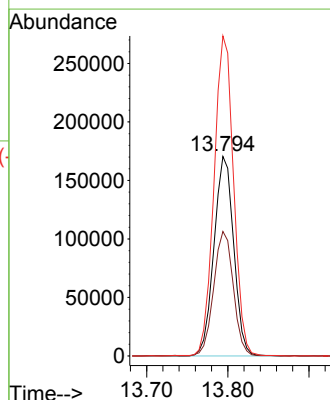
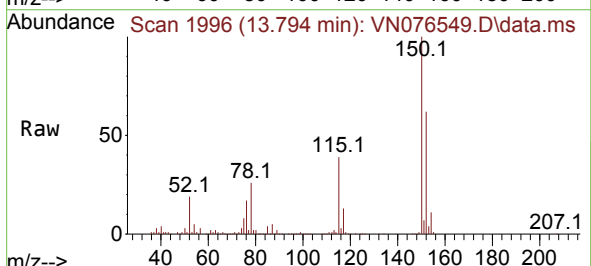
Tgt Ion:152 Resp: 287933

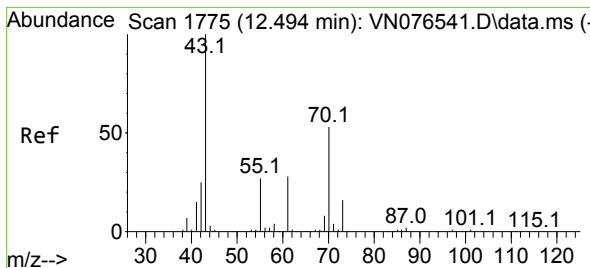
Ion Ratio Lower Upper

152 100

115 62.2 30.5 91.5

150 159.2 0.0 352.0





#74

N-amy1 acetate

Concen: 0.519 ug/l

RT: 12.500 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

30984

Tgt Ion: 43 Resp: 3470

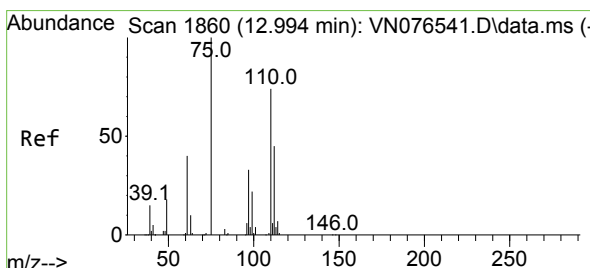
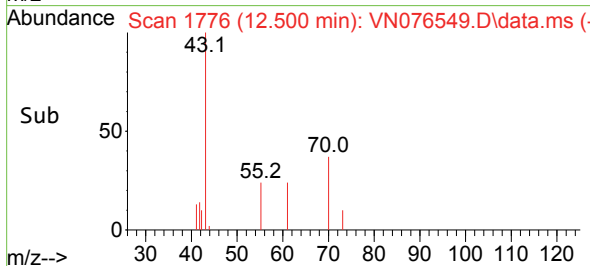
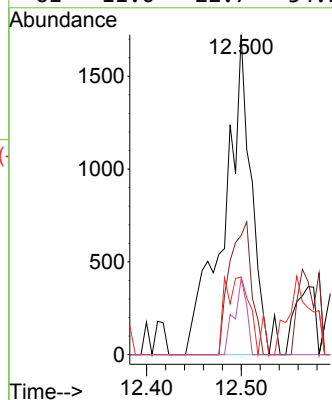
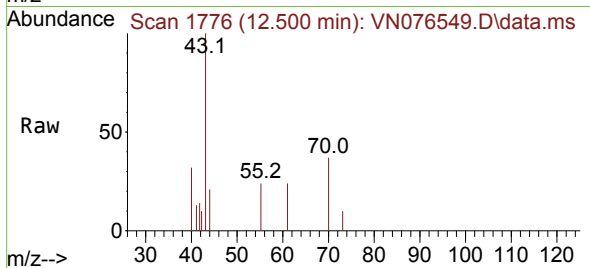
Ion Ratio Lower Upper

43 100

70 33.3 42.6 64.0#

55 23.1 22.3 33.5

61 11.0 22.7 34.1#



#76

1,2,3-Trichloropropane

Concen: 24.667 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076549.D

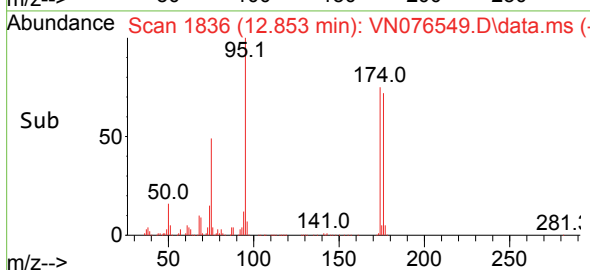
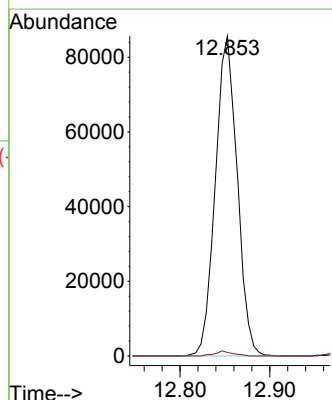
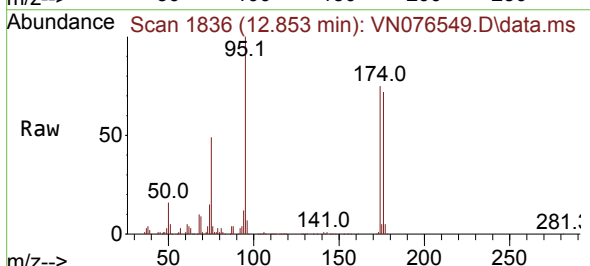
Acq: 06 Feb 2023 18:12

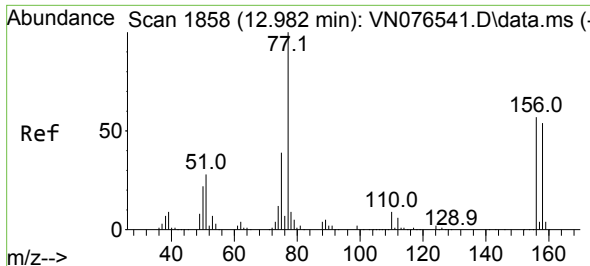
Tgt Ion: 75 Resp: 144867

Ion Ratio Lower Upper

75 100

77 1.2 86.8 260.3#

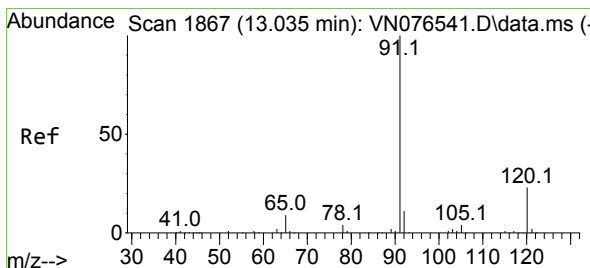
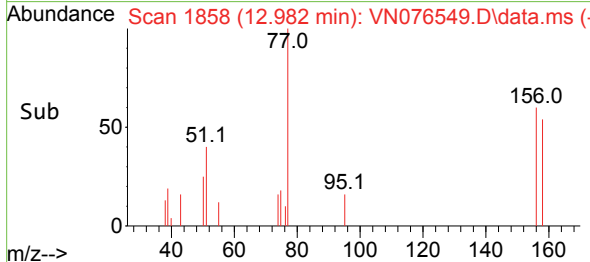
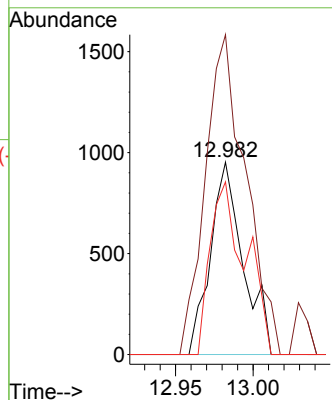
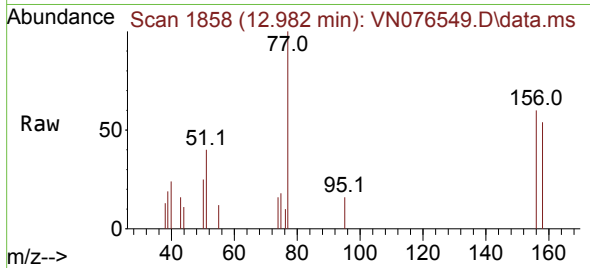




#77
Bromobenzene
Concen: 0.258 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

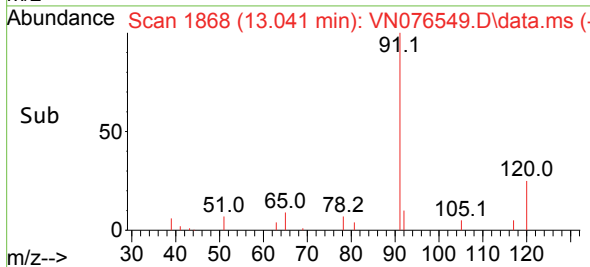
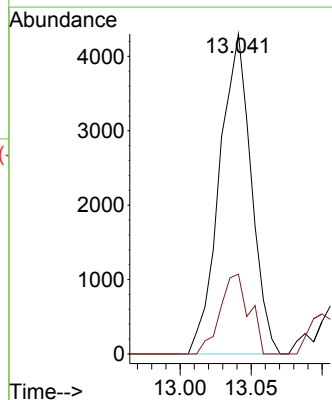
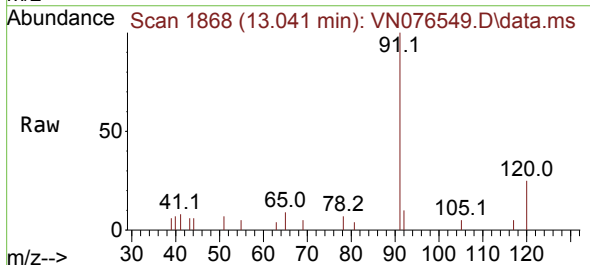
Instrument :
MSVOA_N
ClientSampleId :
30984

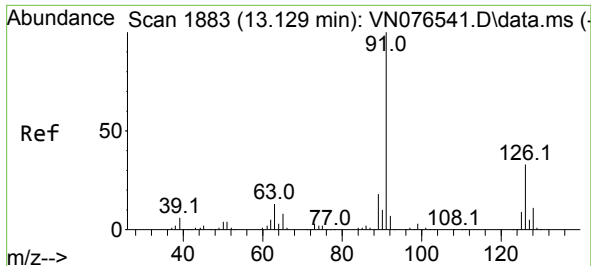
Tgt Ion:156 Resp: 1394
Ion Ratio Lower Upper
156 100
77 205.7 101.2 303.6
158 97.4 48.5 145.6



#78
n-propylbenzene
Concen: 0.262 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 91 Resp: 6684
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5

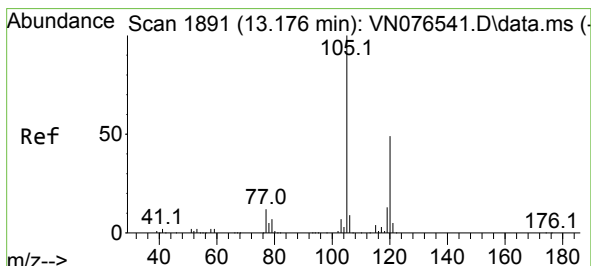
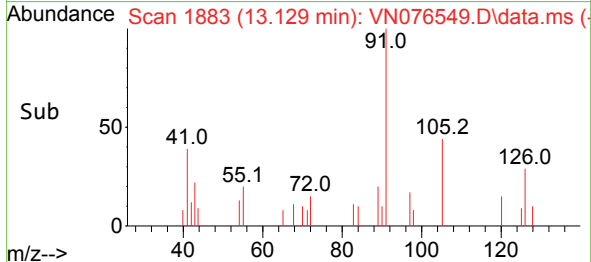
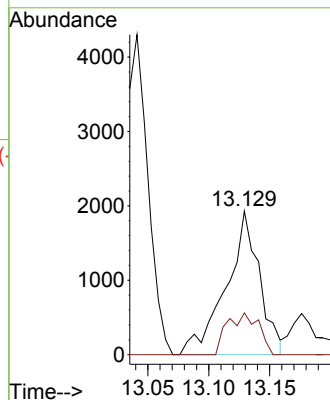
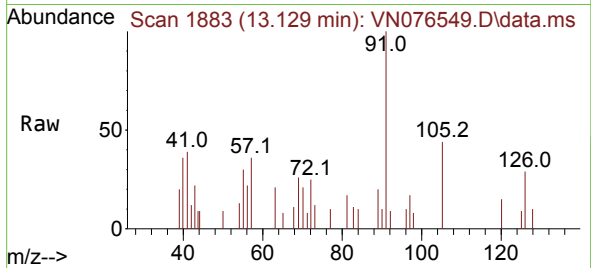




#79
2-Chlorotoluene
Concen: 0.227 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

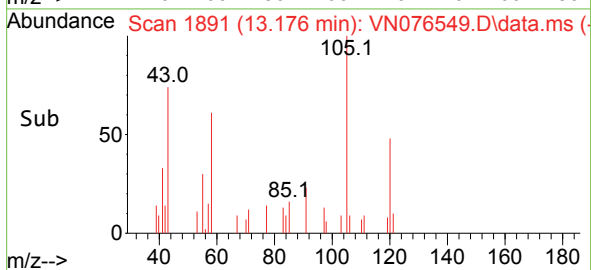
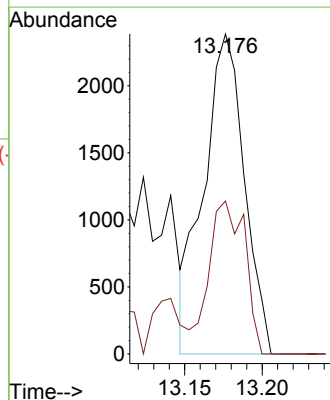
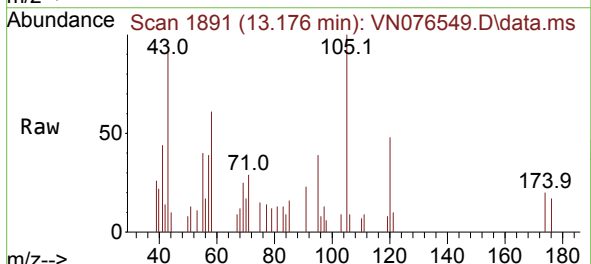
Instrument :
MSVOA_N
ClientSampleId :
30984

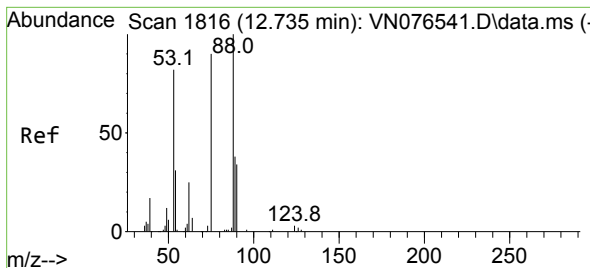
Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
126 27.4 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 0.224 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 105 Resp: 4361
Ion Ratio Lower Upper
105 100
120 41.9 24.2 72.6

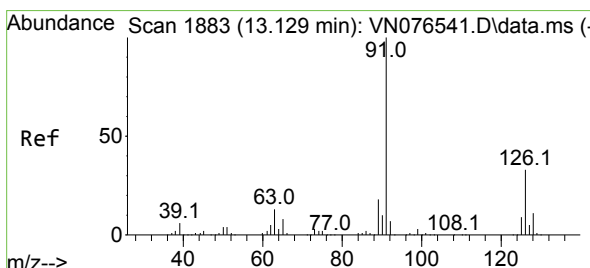
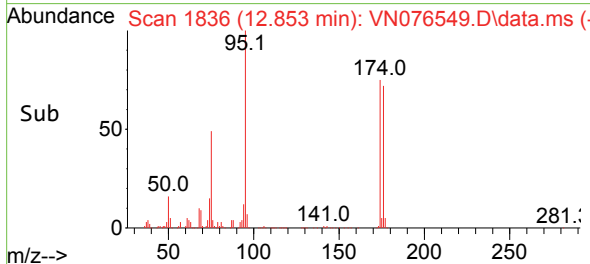
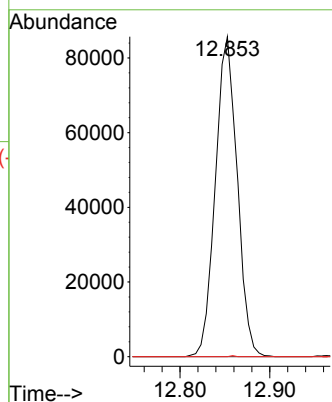
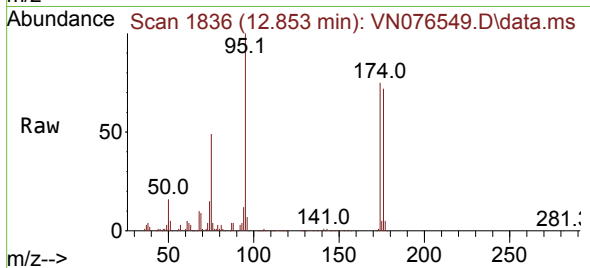




#81
trans-1,4-Dichloro-2-butene
Concen: 82.141 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

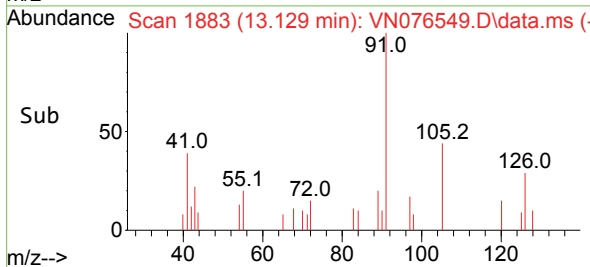
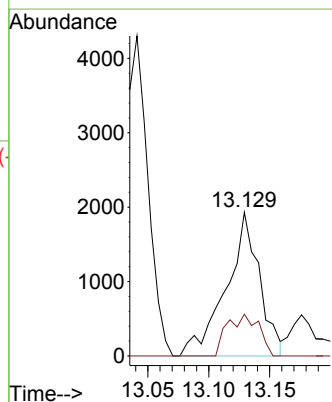
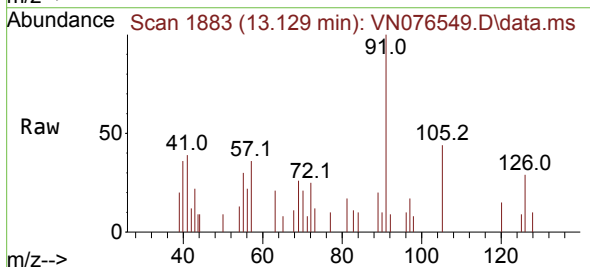
Instrument :
MSVOA_N
ClientSampleId :
30984

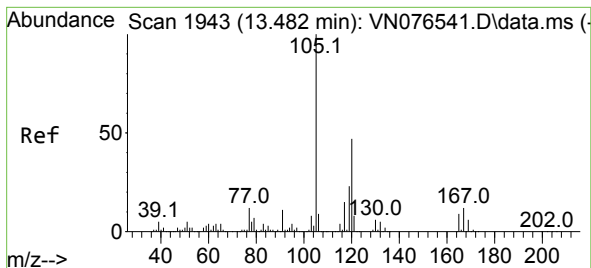
Tgt Ion: 75 Resp: 144867
Ion Ratio Lower Upper
75 100
53 0.0 72.7 109.1#
89 0.1 38.4 57.6#



#82
4-Chlorotoluene
Concen: 0.227 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
126 27.4 16.8 50.3





#84

1,2,4-Trimethylbenzene

Concen: 0.555 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

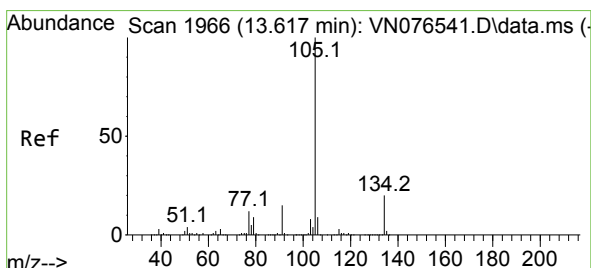
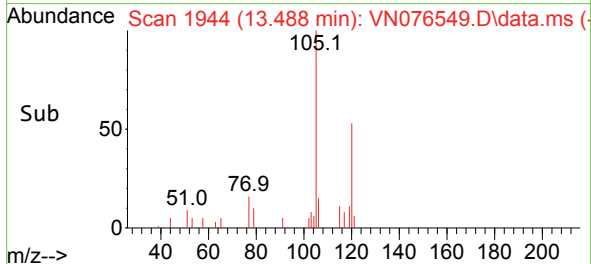
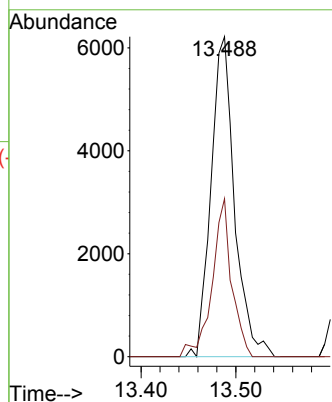
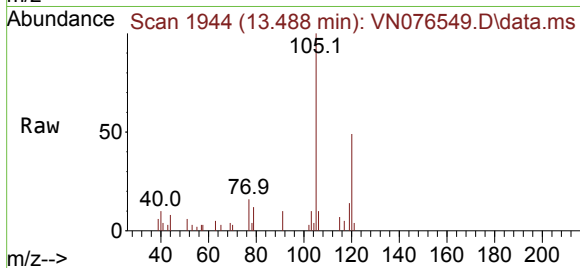
30984

Tgt Ion:105 Resp: 10714

Ion Ratio Lower Upper

105 100

120 40.9 22.5 67.5



#85

sec-Butylbenzene

Concen: 0.218 ug/l

RT: 13.623 min Scan# 1967

Delta R.T. 0.006 min

Lab File: VN076549.D

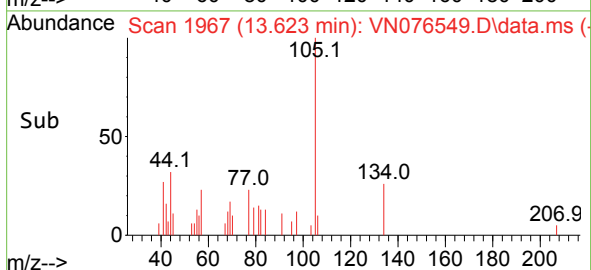
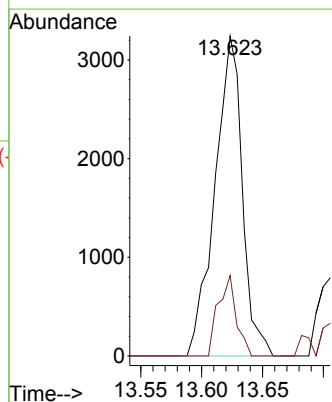
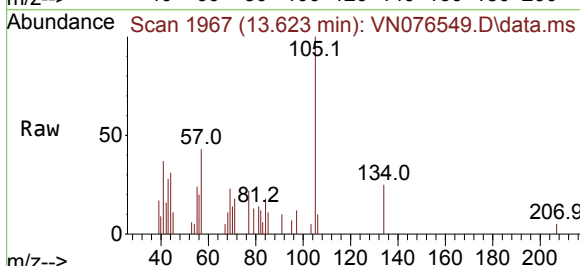
Acq: 06 Feb 2023 18:12

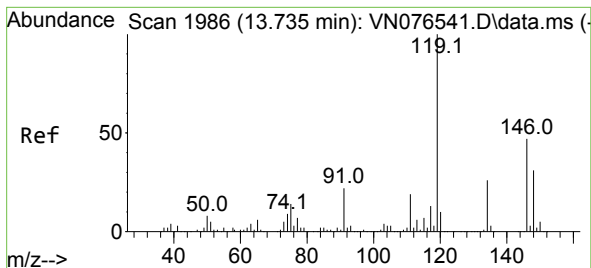
Tgt Ion:105 Resp: 5074

Ion Ratio Lower Upper

105 100

134 16.6 10.0 30.0





#86

p-Isopropyltoluene

Concen: 0.355 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

30984

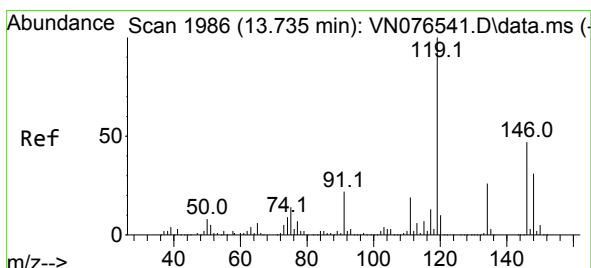
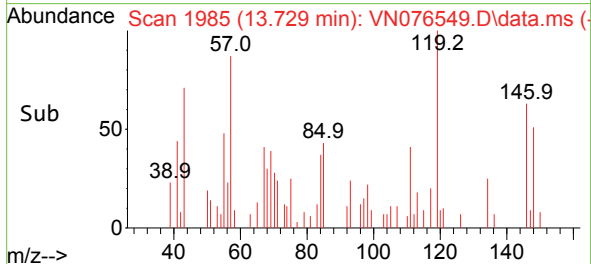
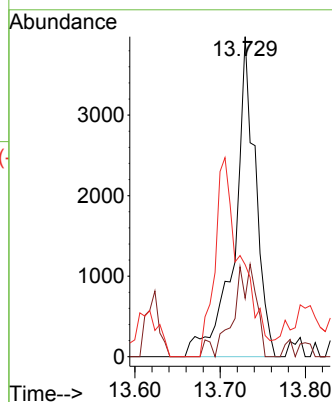
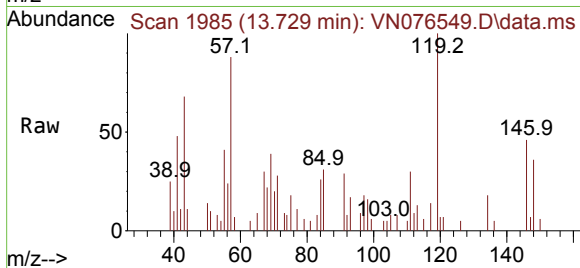
Tgt Ion:119 Resp: 6747

Ion Ratio Lower Upper

119 100

134 30.1 12.9 38.6

91 0.0 11.4 34.2#



#87

1,3-Dichlorobenzene

Concen: 0.444 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

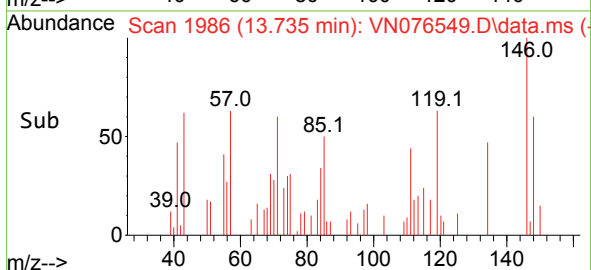
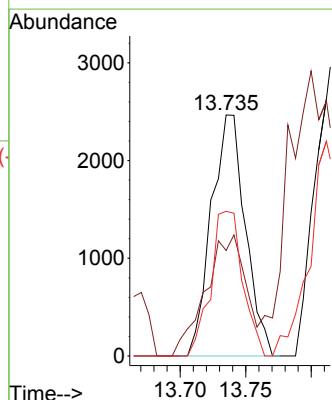
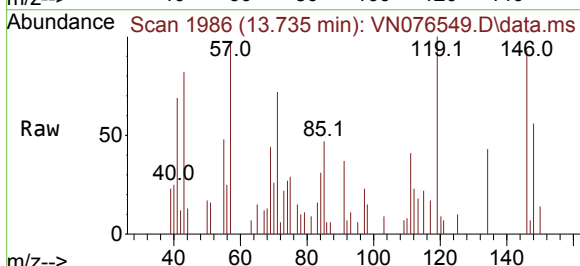
Tgt Ion:146 Resp: 4446

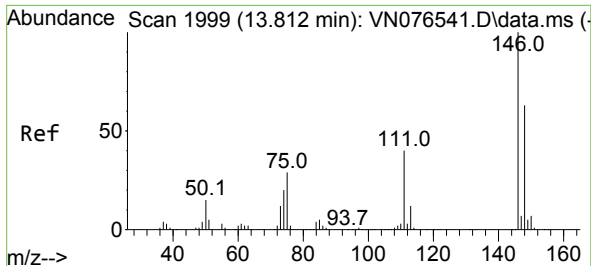
Ion Ratio Lower Upper

146 100

111 59.5 20.5 61.5

148 56.4 32.0 96.2

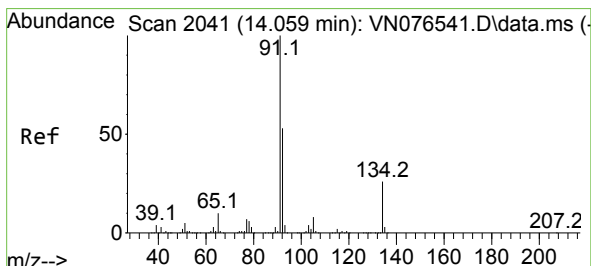
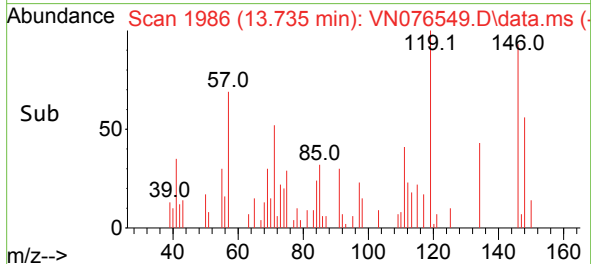
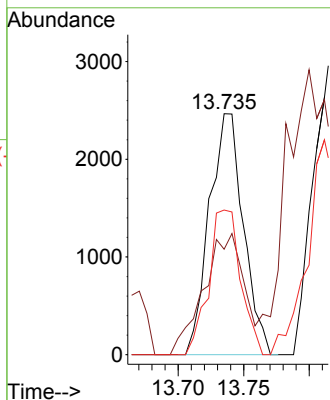
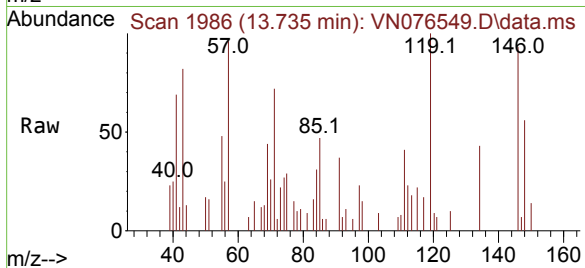




#88
1,4-Dichlorobenzene
Concen: 0.441 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.076 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

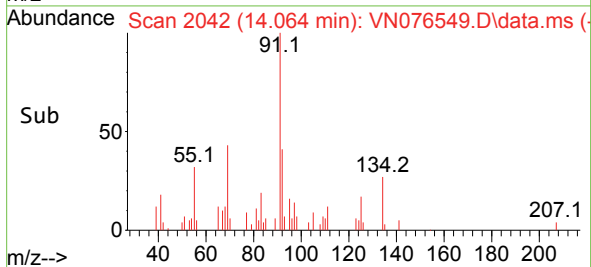
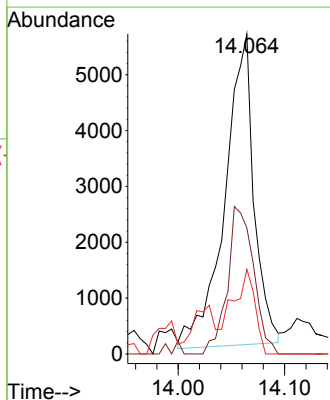
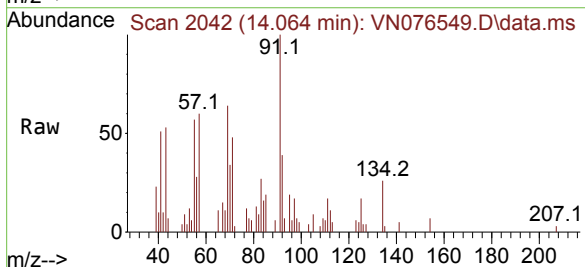
Instrument :
MSVOA_N
ClientSampleId :
30984

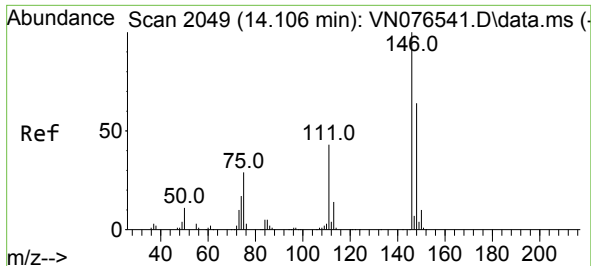
Tgt Ion:146 Resp: 4446
Ion Ratio Lower Upper
146 100
111 59.5 20.1 60.2
148 56.4 31.6 95.0



#89
n-Butylbenzene
Concen: 0.705 ug/l
RT: 14.064 min Scan# 2042
Delta R.T. 0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 91 Resp: 10616
Ion Ratio Lower Upper
91 100
92 42.4 26.9 80.7
134 21.4 13.0 39.0





#91

1,2-Dichlorobenzene

Concen: 0.465 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

30984

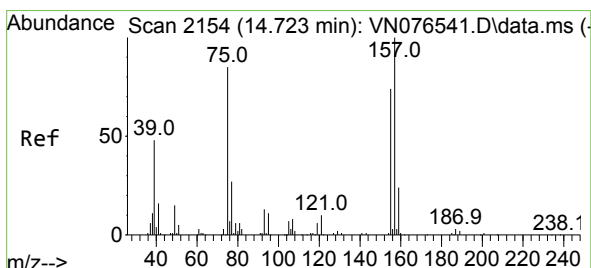
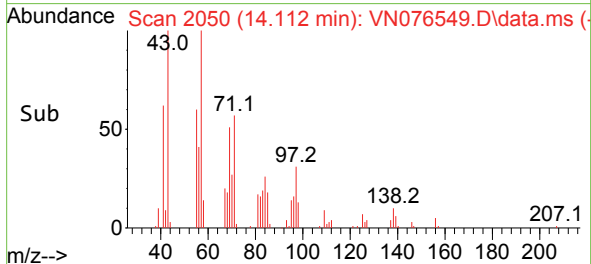
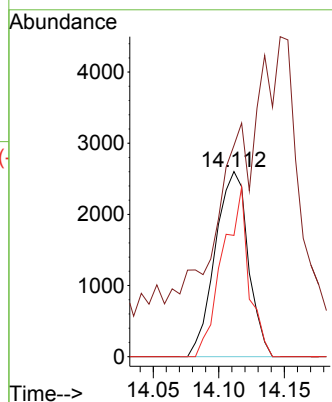
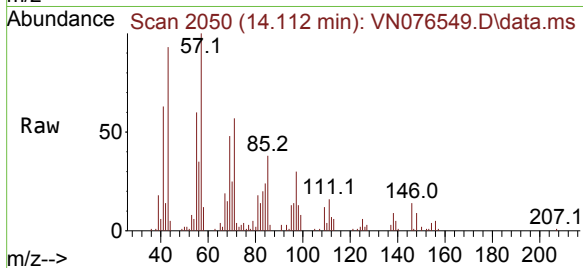
Tgt Ion:146 Resp: 4562

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.9#

148 73.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.564 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

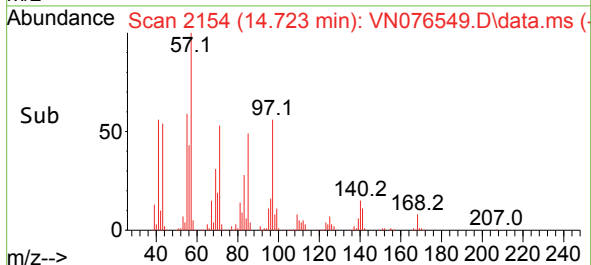
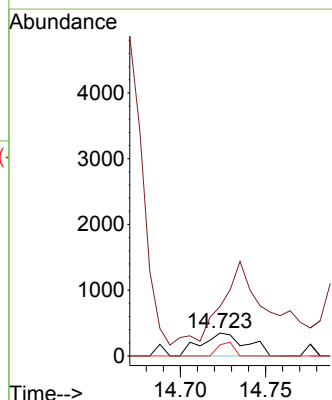
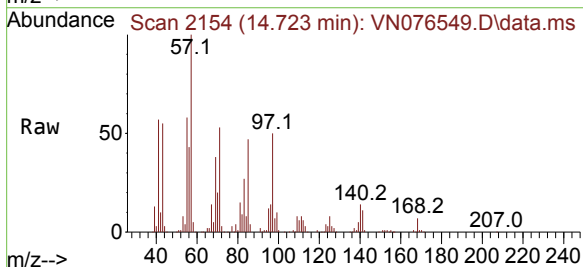
Tgt Ion: 75 Resp: 647

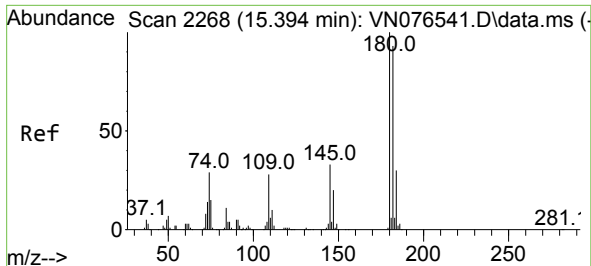
Ion Ratio Lower Upper

75 100

155 291.3 45.0 135.0#

157 20.7 57.6 173.0#

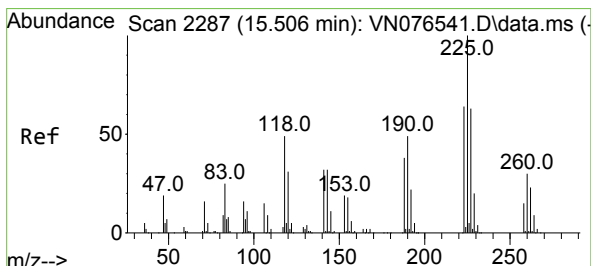
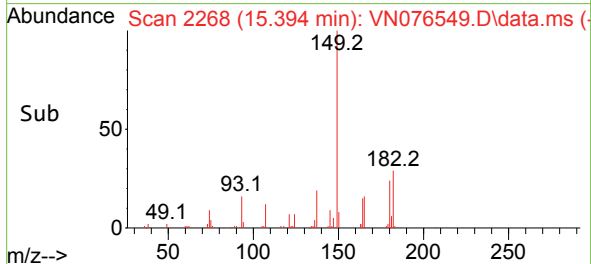
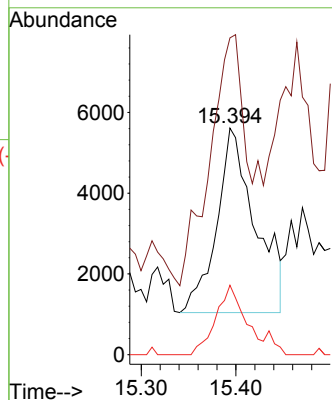
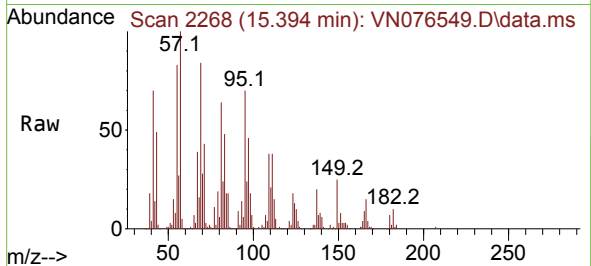




#93
1,2,4-Trichlorobenzene
Concen: 2.994 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

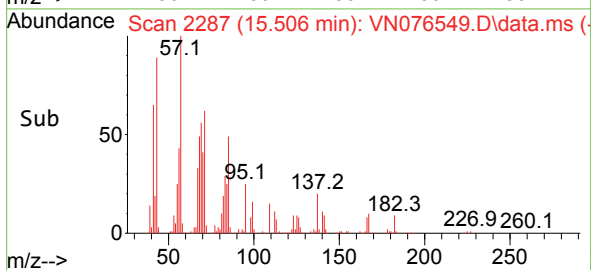
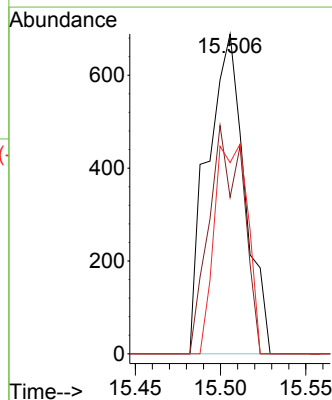
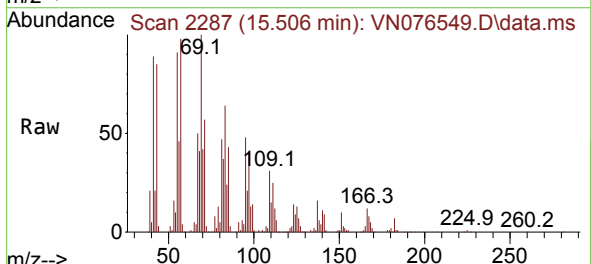
Instrument :
MSVOA_N
ClientSampleId :
30984

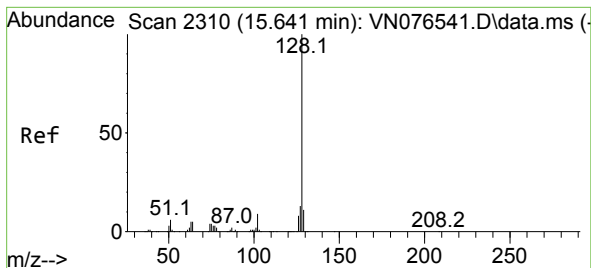
Tgt Ion:180 Resp: 12953
Ion Ratio Lower Upper
180 100
182 123.4 47.2 141.6
145 28.7 16.1 48.2



#94
Hexachlorobutadiene
Concen: 0.423 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion:225 Resp: 1050
Ion Ratio Lower Upper
225 100
223 64.7 31.3 93.9
227 58.3 31.6 95.0





#95

Naphthalene

Concen: 3.370 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

30984

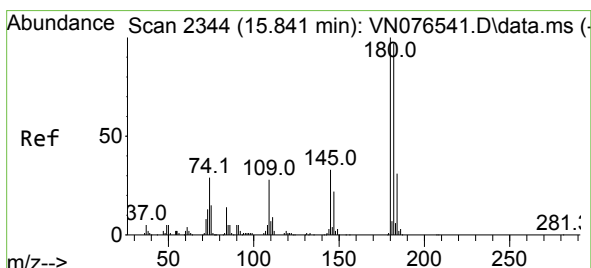
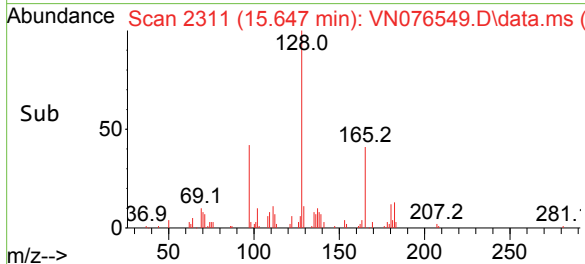
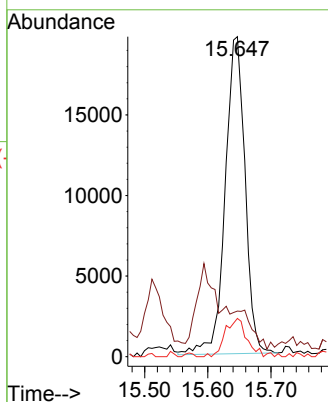
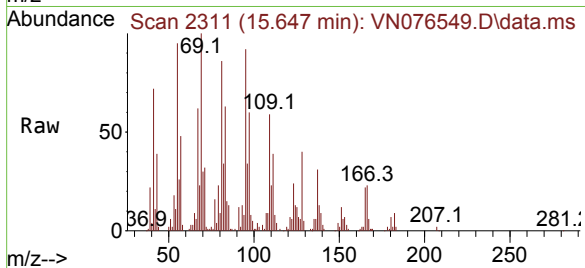
Tgt Ion:128 Resp: 42944

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 13.1 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 4.389 ug/l

RT: 15.864 min Scan# 2348

Delta R.T. 0.024 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Tgt Ion:180 Resp: 18252

Ion Ratio Lower Upper

180 100

182 33.0 47.6 142.8#

145 0.0 16.8 50.3#

