

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076536.D
 Acq On : 06 Feb 2023 11:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 07 04:41:58 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	8.235	168	501857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	830254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	716329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	264198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	288147	48.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.440%
35) Dibromofluoromethane	8.177	113	252416	49.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	10.571	98	958288	49.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.853	95	299767	44.307	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	111	Below Cal	#	42
3) Chloromethane	2.383	50	1059	0.208	ug/l	90
5) Bromomethane	2.983	94	1176	0.365	ug/l #	80
11) Tert butyl alcohol	5.518	59	259	0.319	ug/l #	73
13) Acrolein	4.218	56	1230	1.111	ug/l #	15
15) Acrylonitrile	5.741	53	2092	0.884	ug/l #	62
16) Acetone	4.447	43	807	Below Cal	#	39
17) Carbon Disulfide	4.724	76	4701	0.364	ug/l	97
20) Methylene Chloride	5.294	84	2129	0.353	ug/l	86
25) 2-Butanone	7.500	43	1696	0.574	ug/l #	65
29) Tetrahydrofuran	7.877	42	463	0.246	ug/l #	45
31) Cyclohexane	8.235	56	9262	0.991	ug/l #	5
36) 1,1-Dichloropropene	8.230	75	39005	5.313	ug/l #	49
38) Carbon Tetrachloride	8.230	117	52145	6.519	ug/l #	16
49) 1,4-Dioxane	9.712	88	61	0.569	ug/l #	18
51) 4-Methyl-2-Pentanone	10.447	43	2483	0.435	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.153	63	218	5.459	ug/l #	43
59) 2-Hexanone	11.200	43	6535	1.576	ug/l	90
65) Chlorobenzene	11.888	112	3238	0.219	ug/l	89
68) m/p-Xylenes	12.070	106	2569	0.254	ug/l	93
74) N-amyl acetate	12.494	43	2765	0.450	ug/l #	93
76) 1,2,3-Trichloropropane	12.853	75	150565	27.941	ug/l #	1
77) Bromobenzene	12.982	156	2263	0.457	ug/l	76
78) n-propylbenzene	13.041	91	5967	0.255	ug/l	99
79) 2-Chlorotoluene	13.123	91	3740	0.251	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	150565	93.042	ug/l #	13
82) 4-Chlorotoluene	13.123	91	3740	0.251	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	4121	0.233	ug/l	93
85) sec-Butylbenzene	13.617	105	4618	0.216	ug/l	85
86) p-Isopropyltoluene	13.729	119	4388	0.252	ug/l	86
87) 1,3-Dichlorobenzene	13.741	146	5435	0.592	ug/l	97
88) 1,4-Dichlorobenzene	13.741	146	5435	0.587	ug/l	97
89) n-Butylbenzene	14.059	91	7699	0.557	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	5017	0.557	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	471	0.448	ug/l	71
93) 1,2,4-Trichlorobenzene	15.400	180	7424	1.870	ug/l	99

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Response via : Initial Calibration

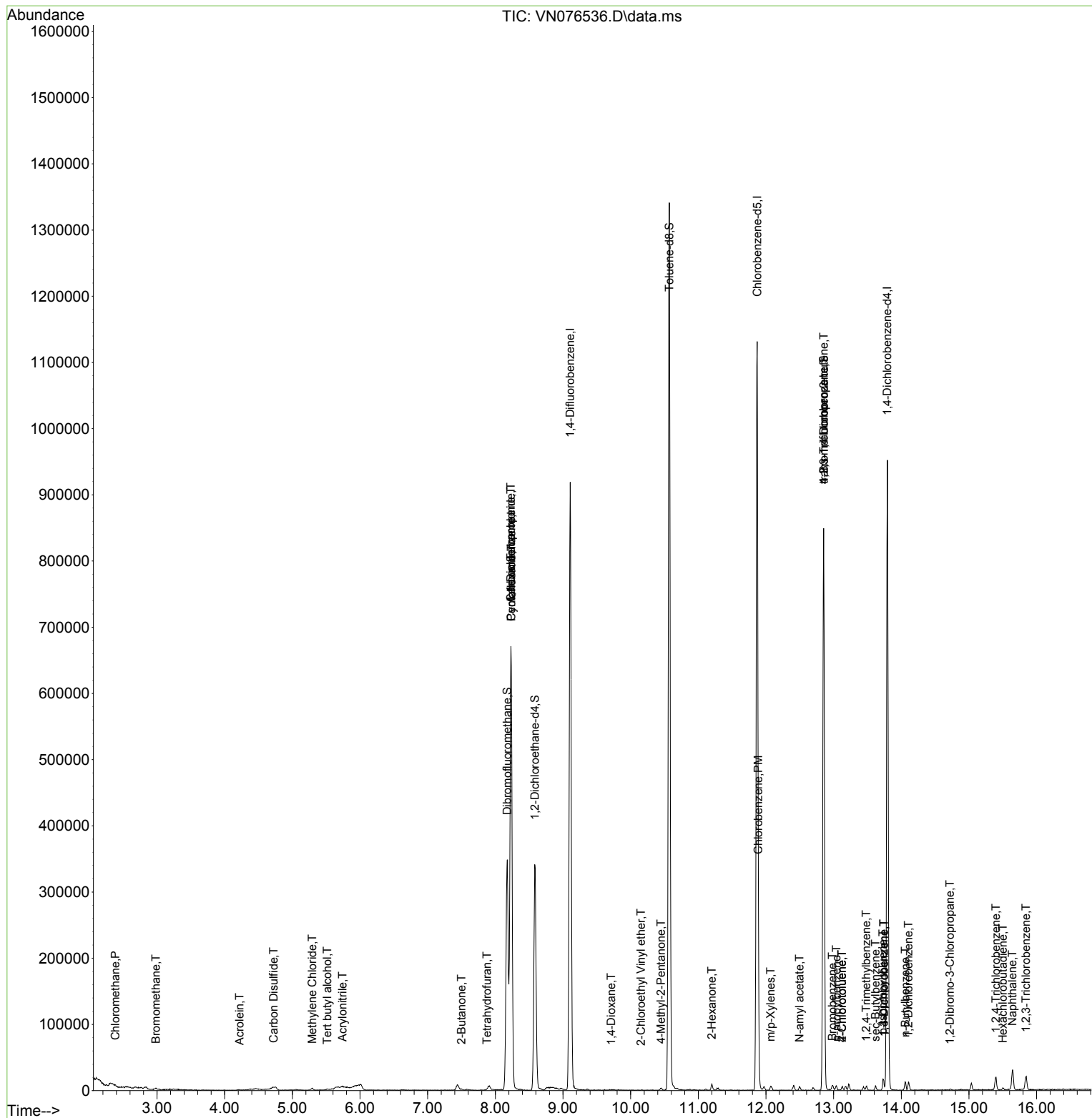
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.500	225	966	0.424	ug/l	75
95) Naphthalene	15.641	128	31730	2.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	8184	2.145	ug/l	96

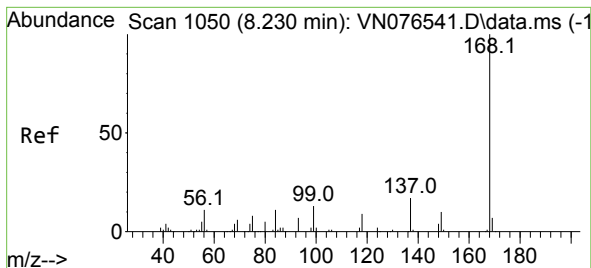
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Instrument :

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ClientSampleId :

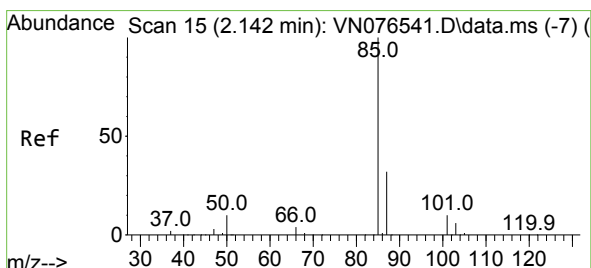
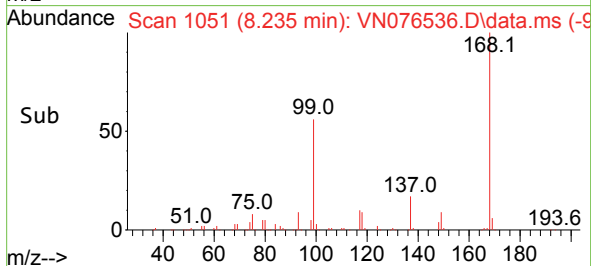
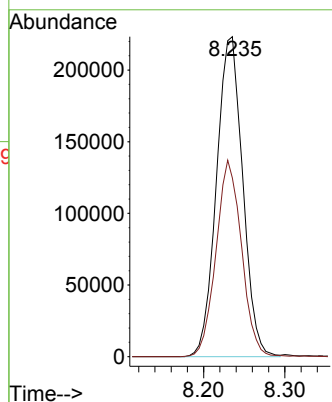
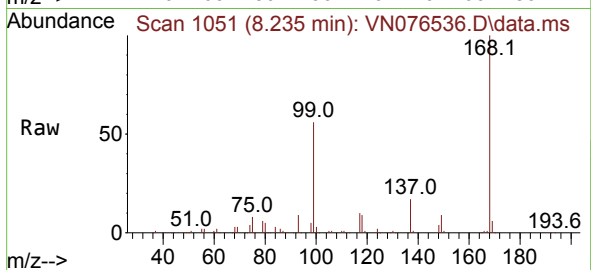
IBLK

Tgt Ion:168 Resp: 501857

Ion Ratio Lower Upper

168 100

99 55.9 47.1 70.7



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.136 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN076536.D

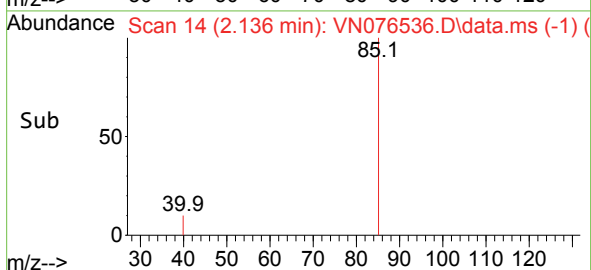
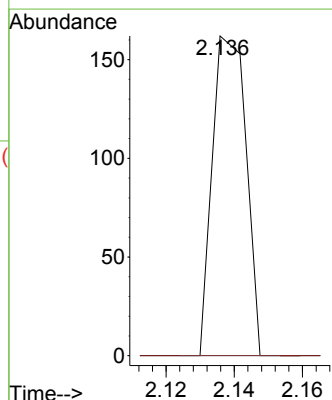
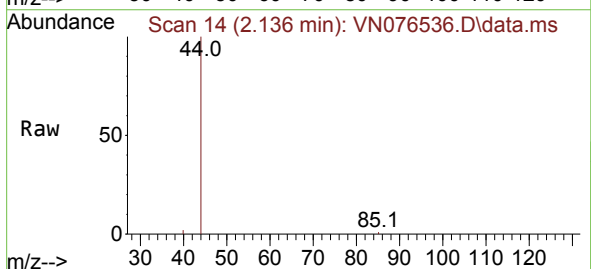
Acq: 06 Feb 2023 11:32

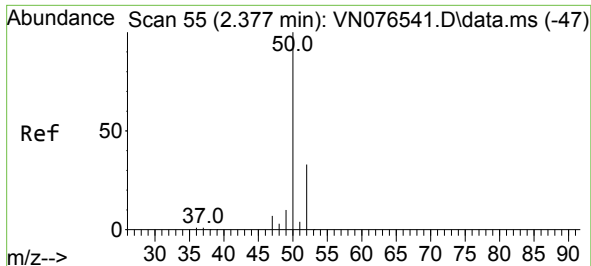
Tgt Ion: 85 Resp: 111

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

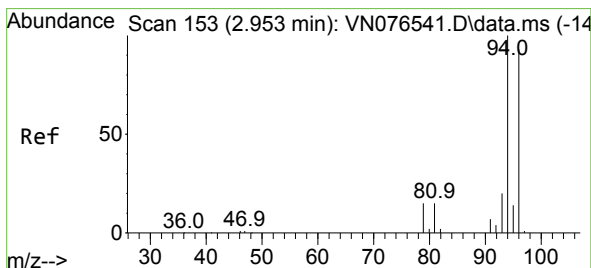
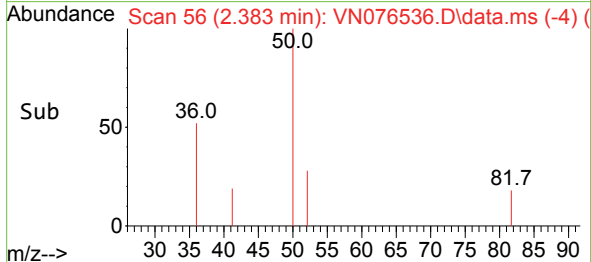
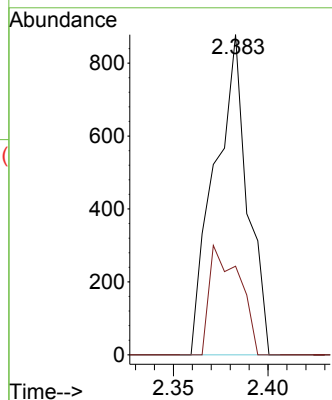
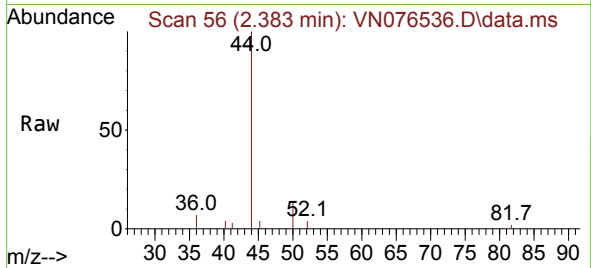




#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

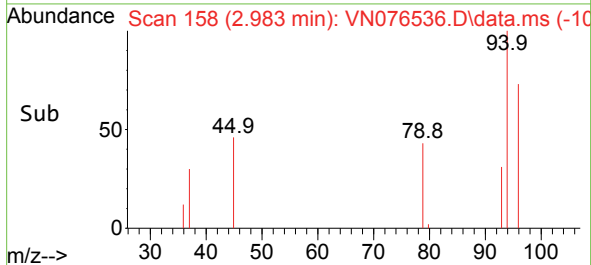
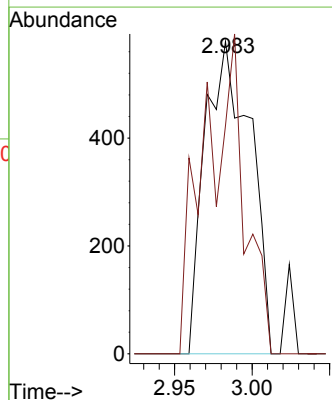
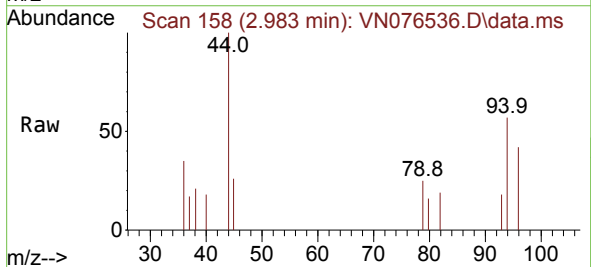
Instrument :
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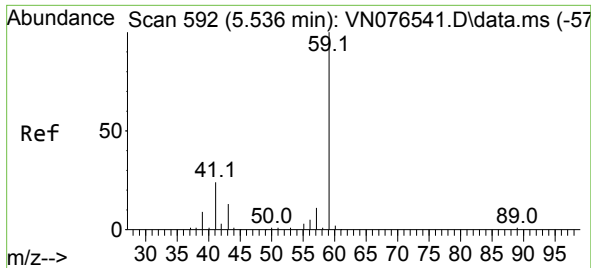
Tgt Ion: 50 Resp: 1059
Ion Ratio Lower Upper
50 100
52 27.7 26.6 40.0



#5
Bromomethane
Concen: 0.365 ug/l
RT: 2.983 min Scan# 158
Delta R.T. 0.029 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 94 Resp: 1176
Ion Ratio Lower Upper
94 100
96 73.1 74.1 111.1#

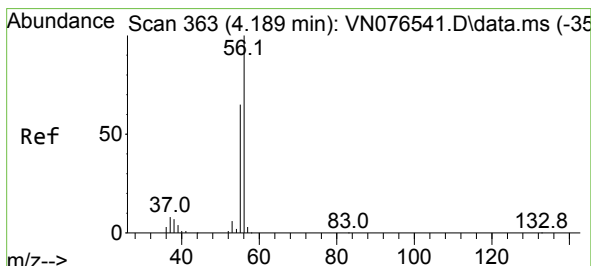
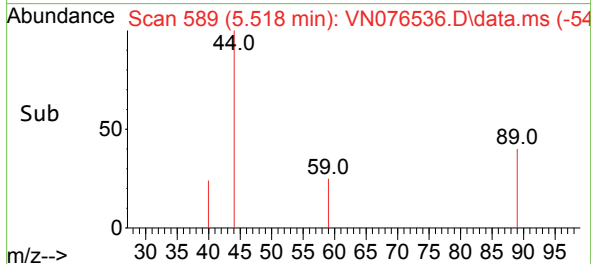
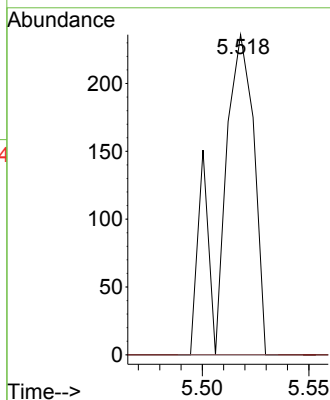
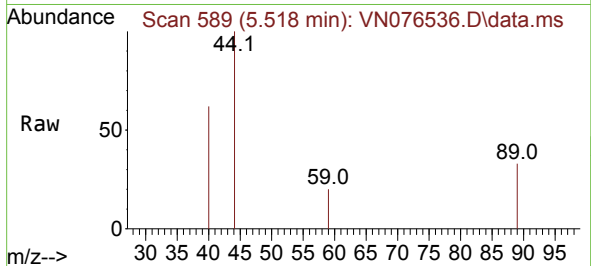




#11
Tert butyl alcohol
Concen: 0.319 ug/l
RT: 5.518 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

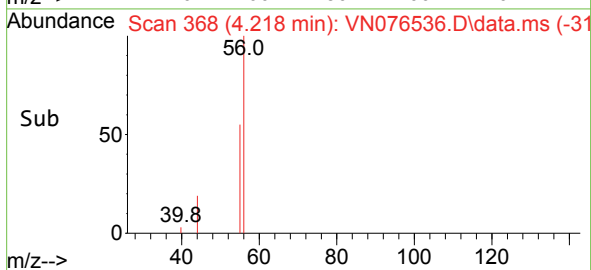
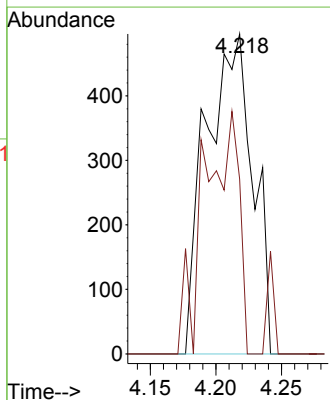
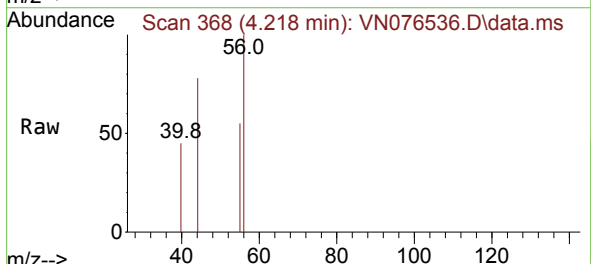
Instrument :
MSVOA_N
ClientSampleId :
IBLK

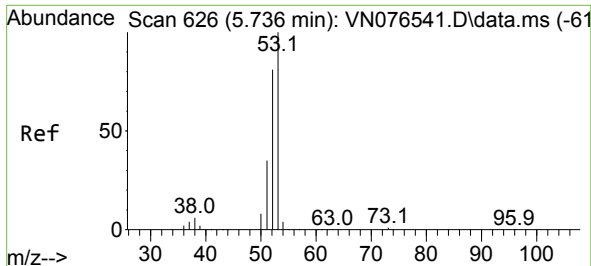
Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 1.111 ug/l
RT: 4.218 min Scan# 368
Delta R.T. 0.029 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 56 Resp: 1230
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#

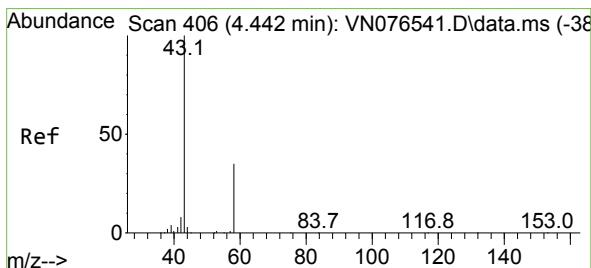
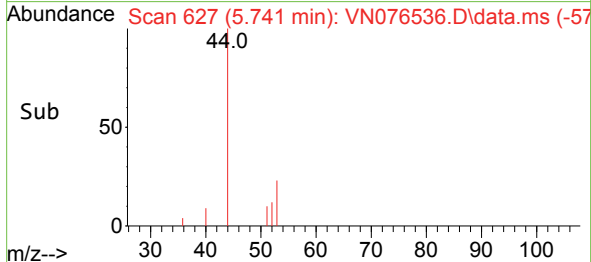
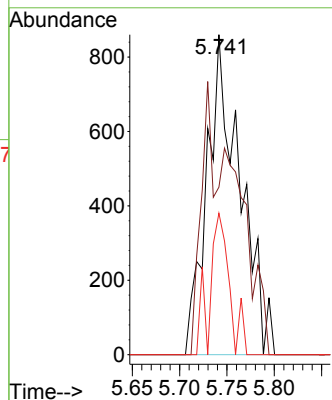
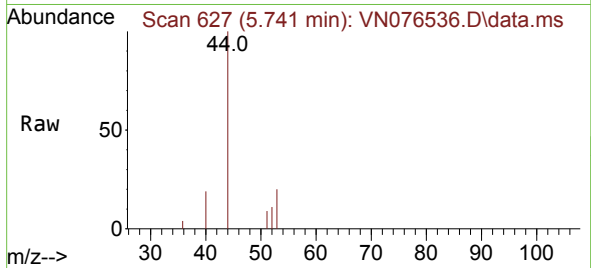




#15
Acrylonitrile
Concen: 0.884 ug/l
RT: 5.741 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

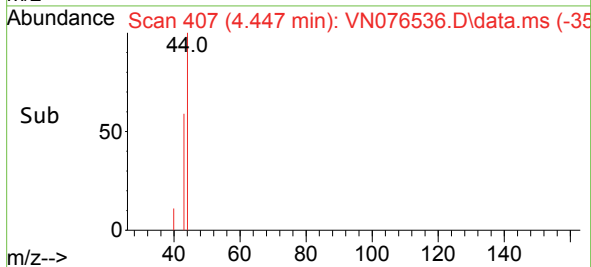
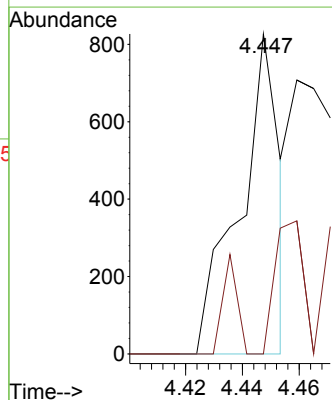
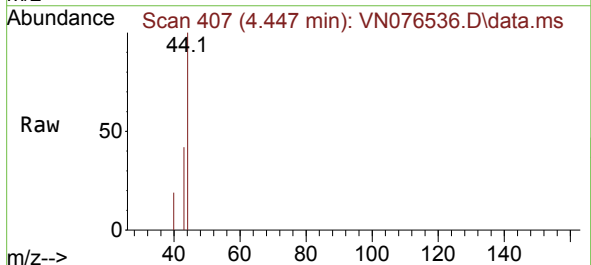
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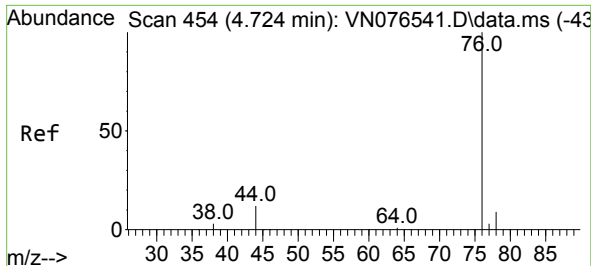
Tgt Ion: 53 Resp: 2092
Ion Ratio Lower Upper
53 100
52 39.1 65.0 97.4#
51 26.1 28.7 43.1#



#16
Acetone
Concen: Below Cal
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#





#17

Carbon Disulfide

Concen: 0.364 ug/l

RT: 4.724 min Scan# 4

Delta R.T. -0.000 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

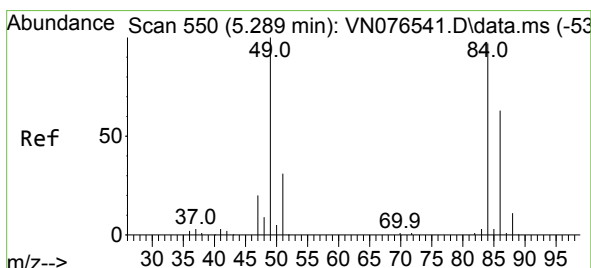
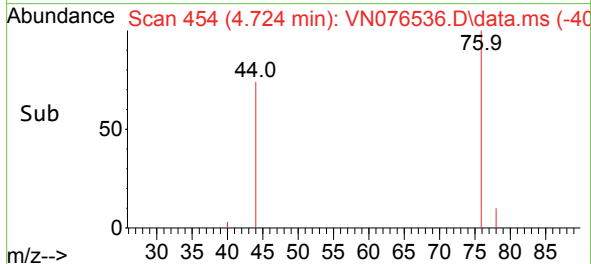
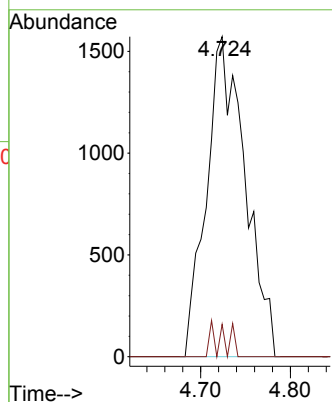
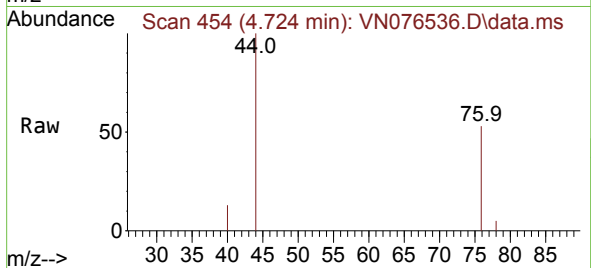
IBLK

Tgt Ion: 76 Resp: 4701

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0



#20

Methylene Chloride

Concen: 0.353 ug/l

RT: 5.294 min Scan# 551

Delta R.T. 0.006 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Tgt Ion: 84 Resp: 2129

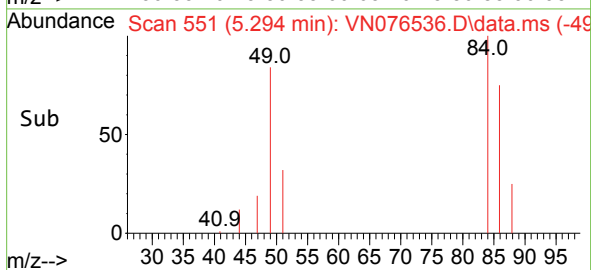
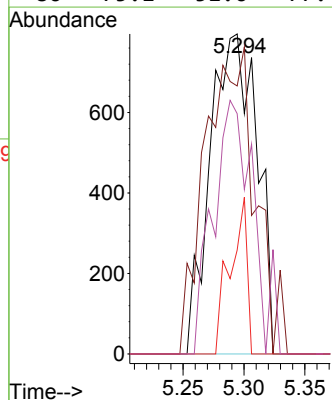
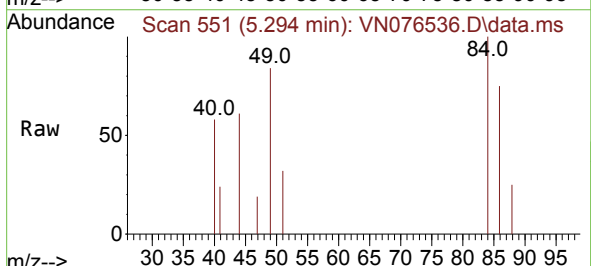
Ion Ratio Lower Upper

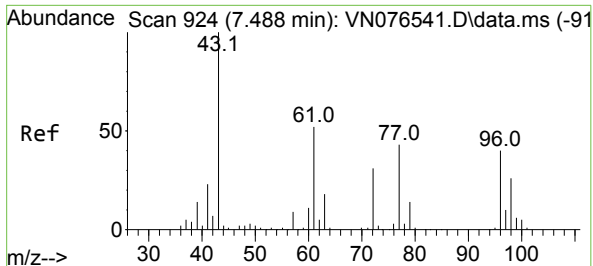
84 100

49 83.8 82.3 123.5

51 32.5 25.9 38.9

86 75.1 51.6 77.4





#25

2-Butanone

Concen: 0.574 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

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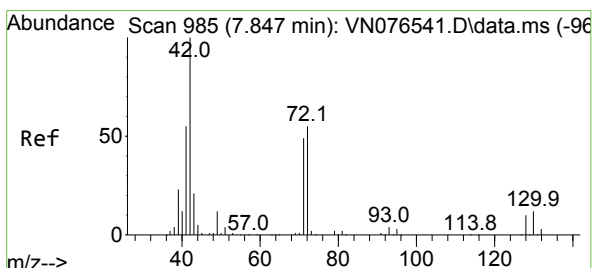
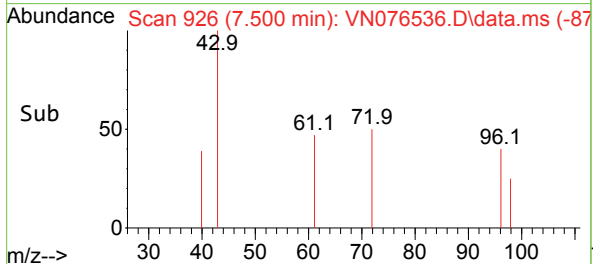
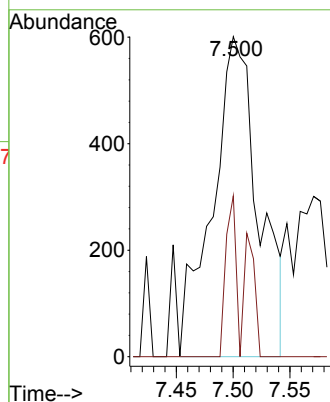
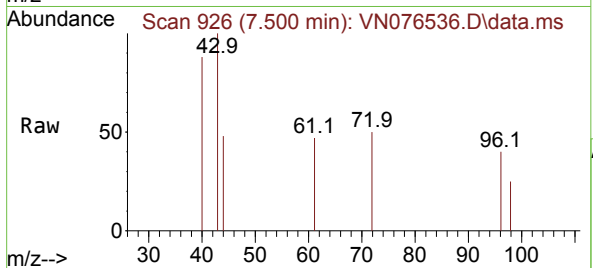
IBLK

Tgt Ion: 43 Resp: 1696

Ion Ratio Lower Upper

43 100

72 50.2 24.8 37.2#



#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 7.877 min Scan# 990

Delta R.T. 0.029 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

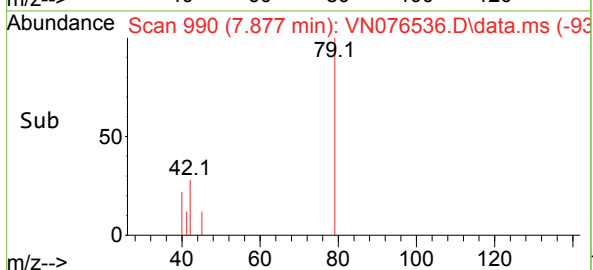
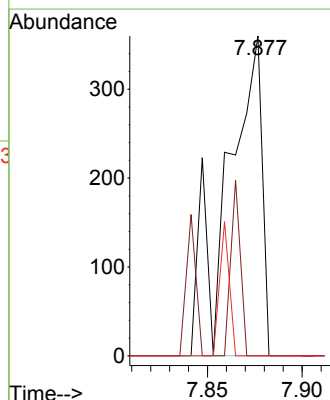
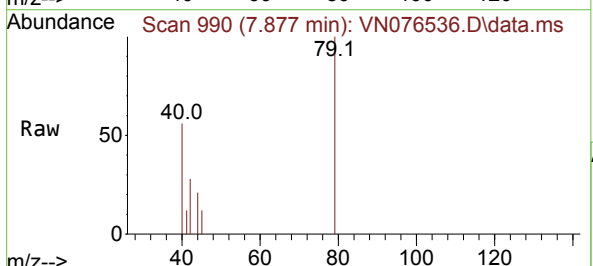
Tgt Ion: 42 Resp: 463

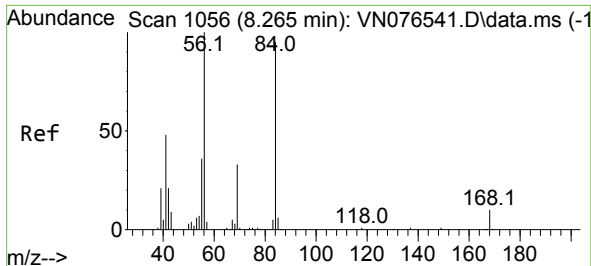
Ion Ratio Lower Upper

42 100

72 15.1 43.4 65.2#

71 11.4 39.4 59.2#

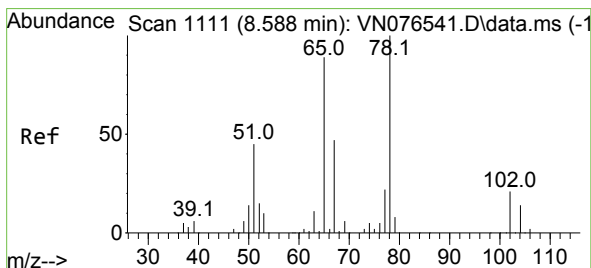
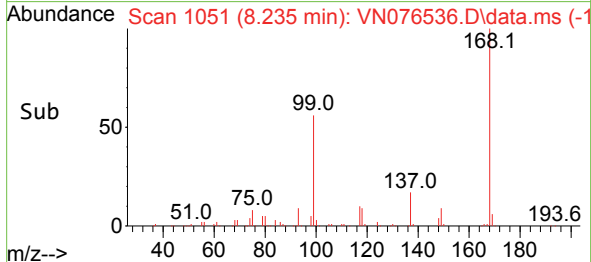
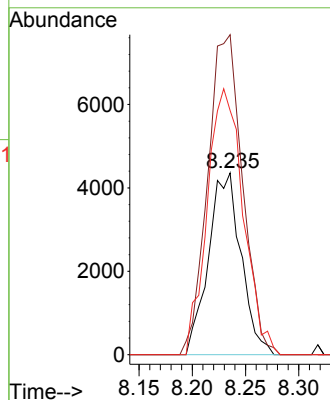
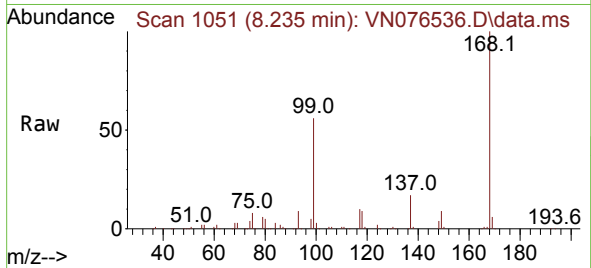




#31
Cyclohexane
Concen: 0.991 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

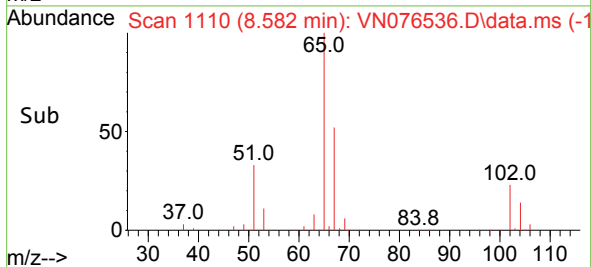
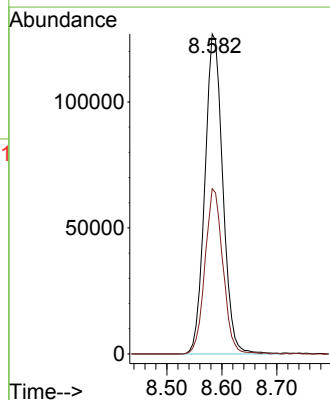
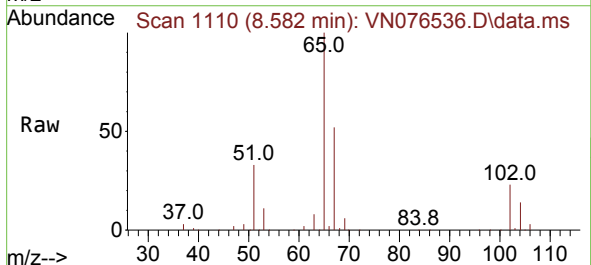
Instrument :
MSVOA_N
ClientSampleId :
IBLK

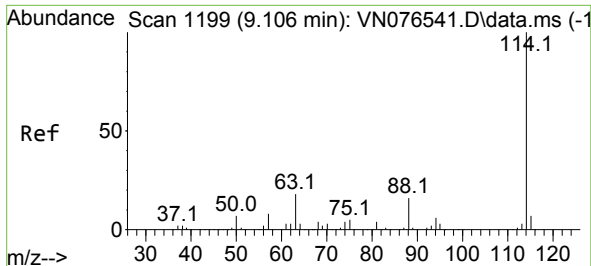
Tgt Ion: 56 Resp: 9262
Ion Ratio Lower Upper
56 100
69 176.1 26.5 39.7#
84 134.3 76.2 114.4#



#33
1,2-Dichloroethane-d4
Concen: 48.221 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 65 Resp: 288147
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

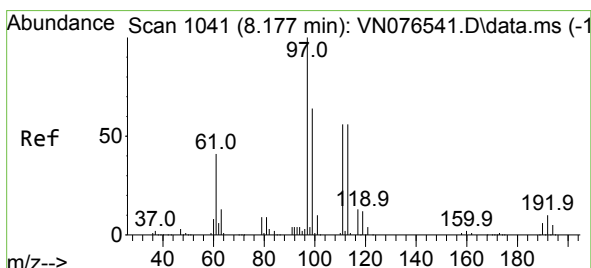
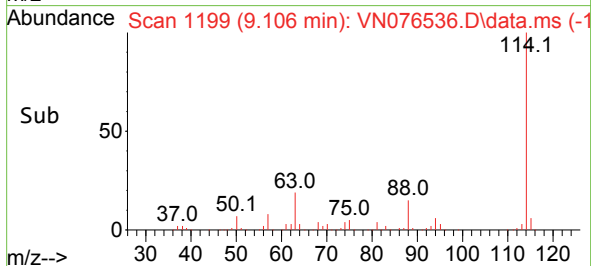
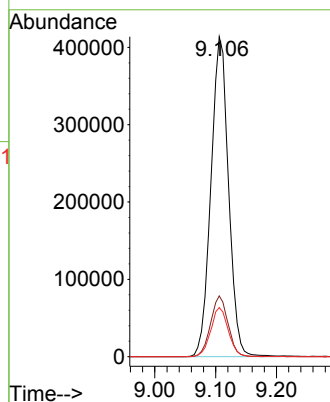
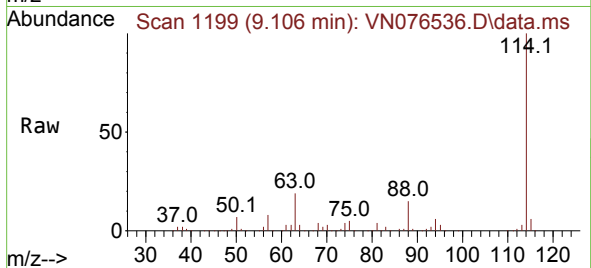
Tgt Ion:114 Resp: 830254

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.128 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

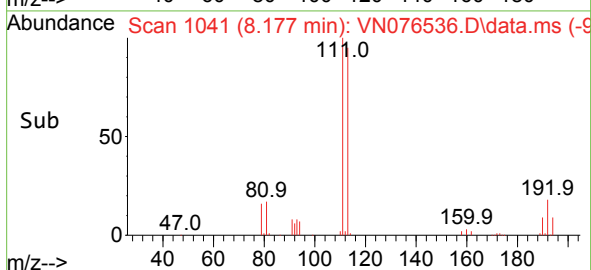
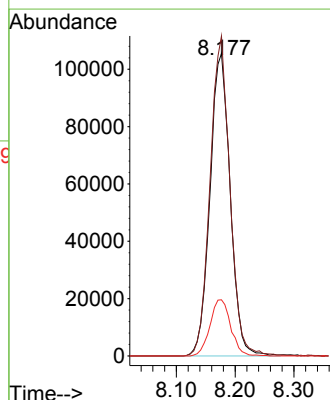
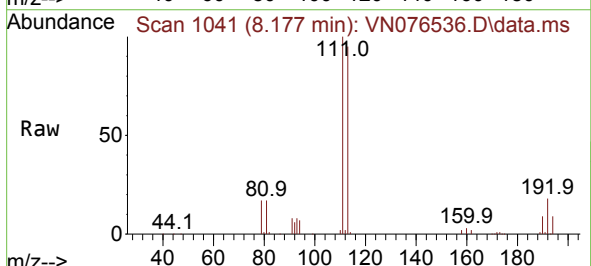
Tgt Ion:113 Resp: 252416

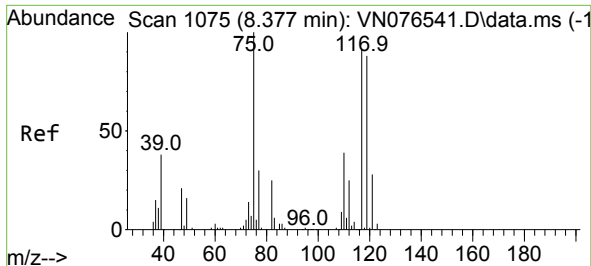
Ion Ratio Lower Upper

113 100

111 103.8 81.5 122.3

192 19.1 15.0 22.4

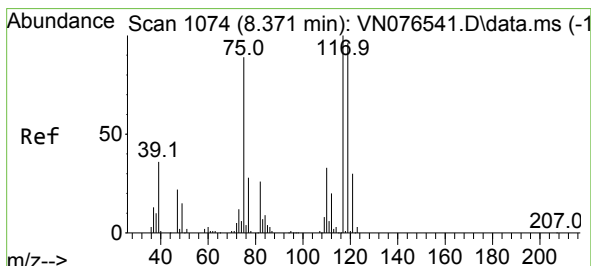
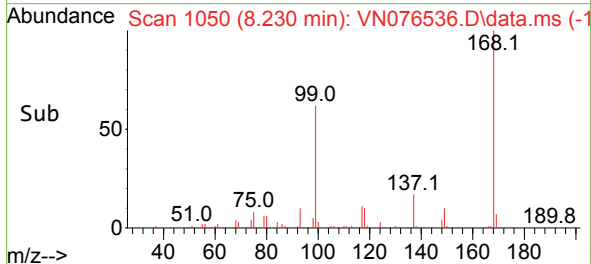
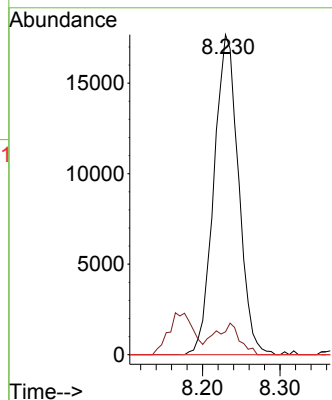
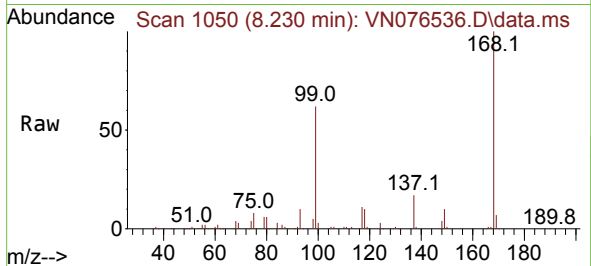




#36
 1,1-Dichloropropene
 Concen: 5.313 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN076536.D
 Acq: 06 Feb 2023 11:32

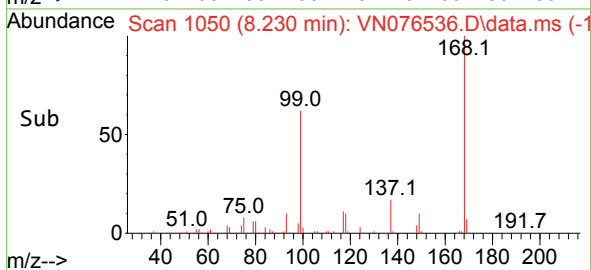
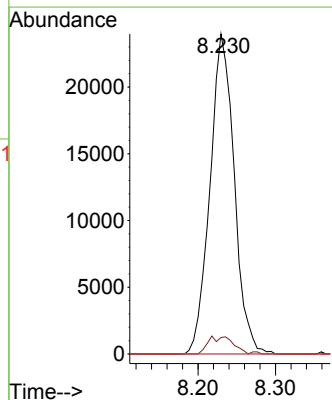
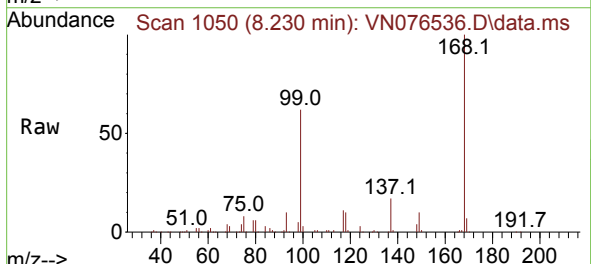
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

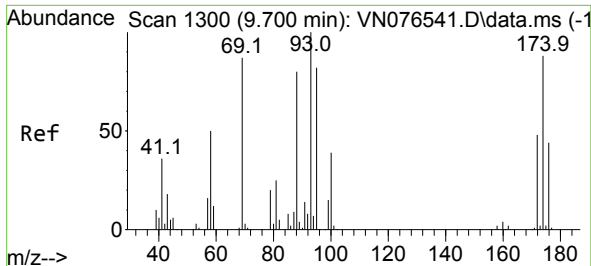
Tgt Ion: 75 Resp: 39005
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.6 55.6#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.519 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.141 min
 Lab File: VN076536.D
 Acq: 06 Feb 2023 11:32

Tgt Ion: 117 Resp: 52145
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.5 114.7#
 121 0.0 24.2 36.4#

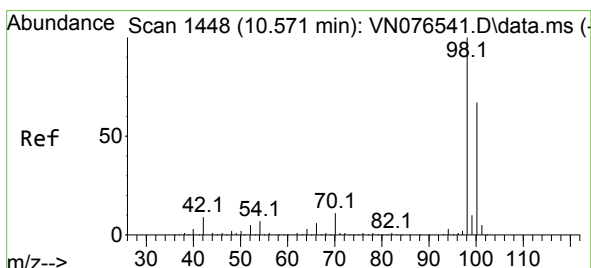
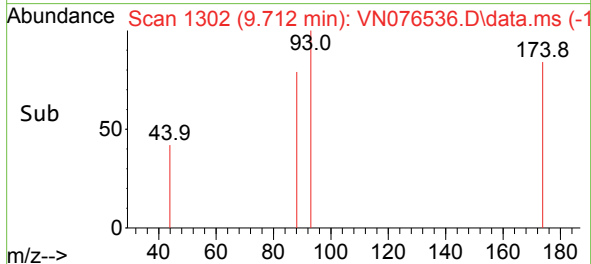
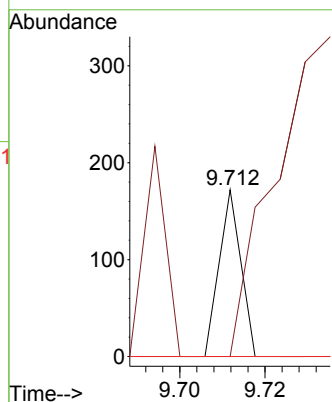
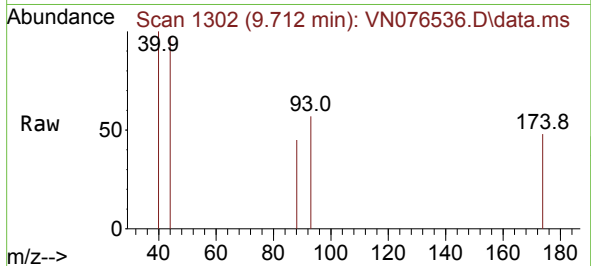




#49
1,4-Dioxane
Concen: 0.569 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

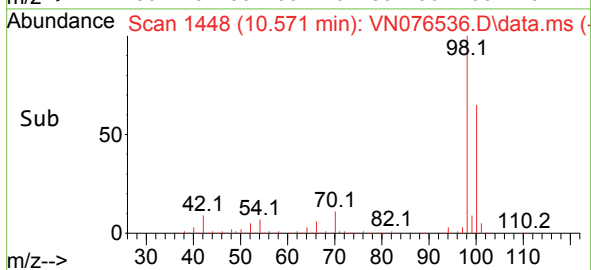
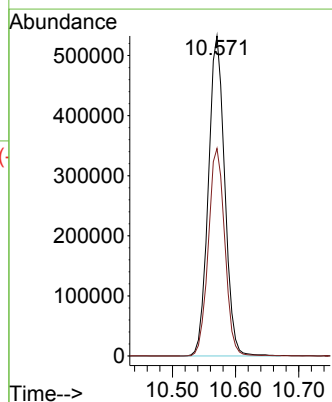
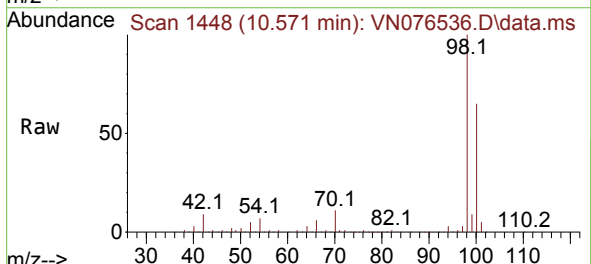
Instrument :
MSVOA_N
ClientSampleId :
IBLK

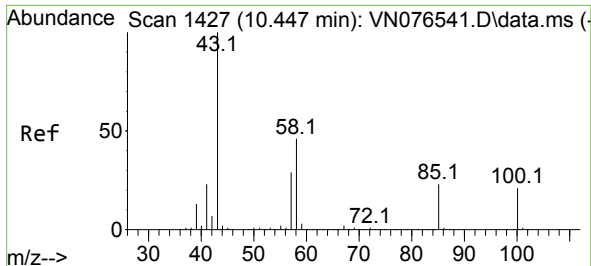
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 126.2 0.0 0.0#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 49.091 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 98 Resp: 958288
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

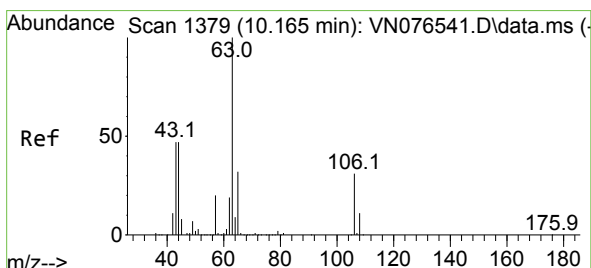
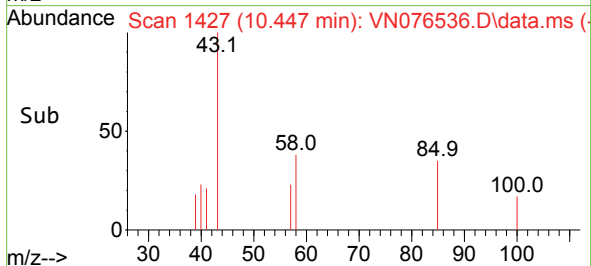
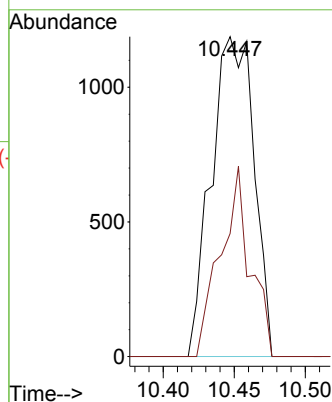
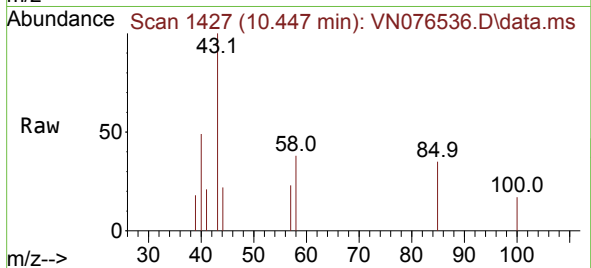




#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

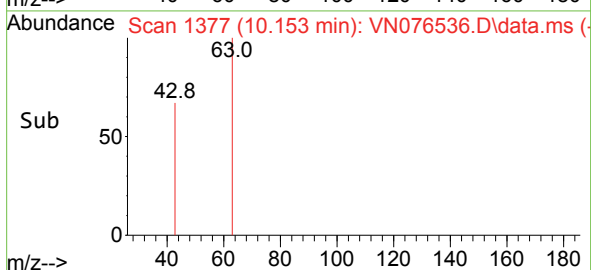
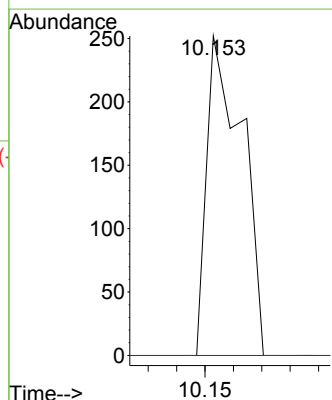
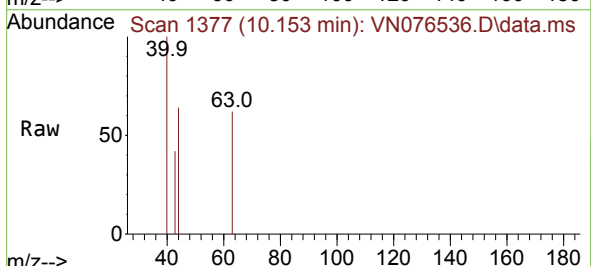
Instrument :
MSVOA_N
ClientSampleId :
IBLK

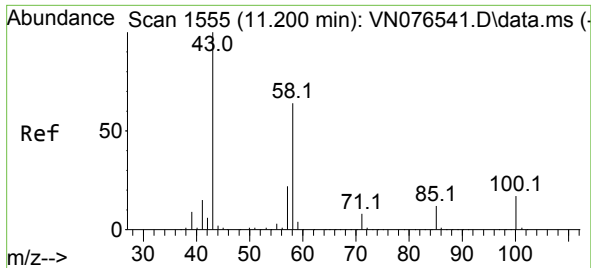
Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
58 41.4 36.4 54.6



#58
2-Chloroethyl Vinyl ether
Concen: 5.459 ug/l
RT: 10.153 min Scan# 1377
Delta R.T. -0.012 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 63 Resp: 218
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#

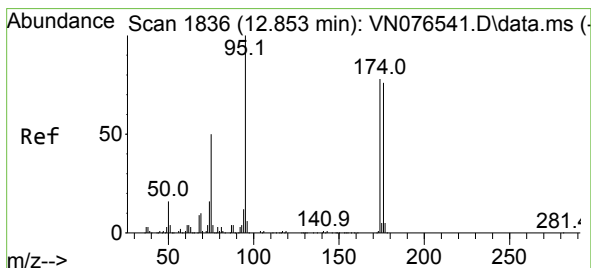
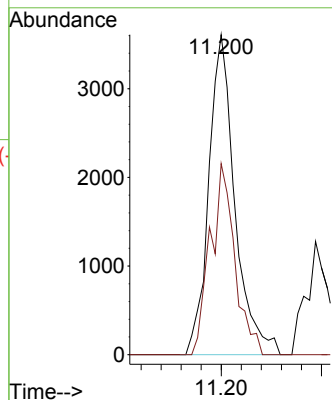
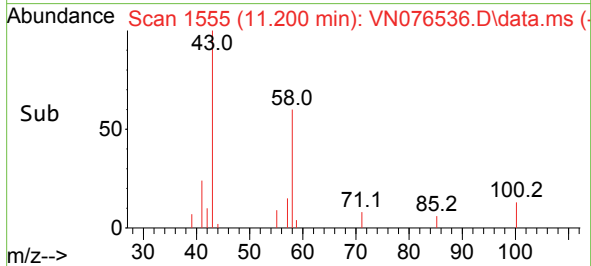
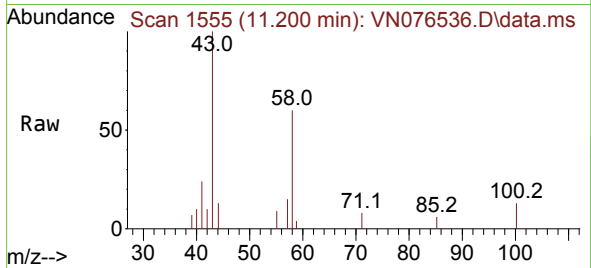




#59
2-Hexanone
Concen: 1.576 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

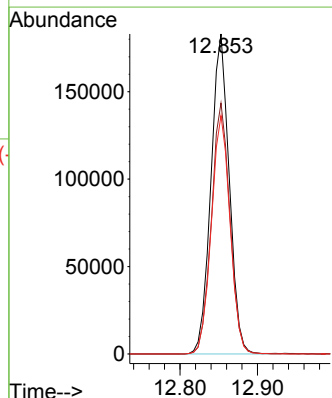
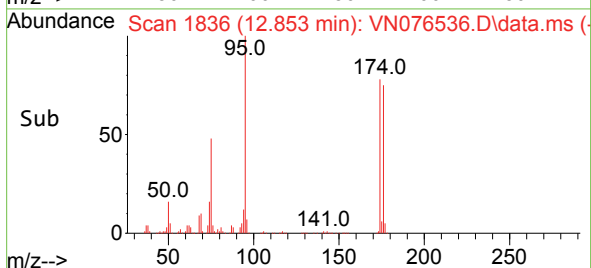
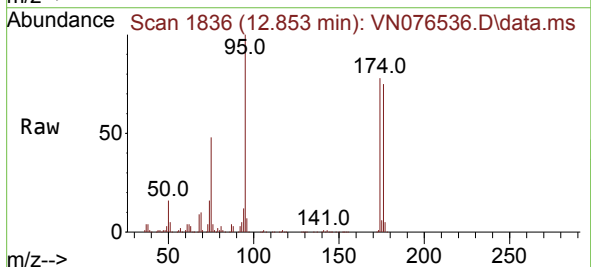
Instrument :
MSVOA_N
ClientSampleId :
IBLK

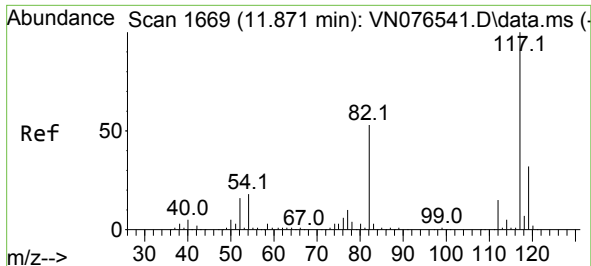
Tgt Ion: 43 Resp: 6535
Ion Ratio Lower Upper
43 100
58 55.8 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 44.307 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 95 Resp: 299767
Ion Ratio Lower Upper
95 100
174 79.3 0.0 153.4
176 76.1 0.0 149.0

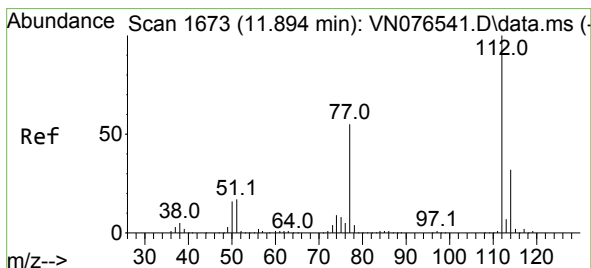
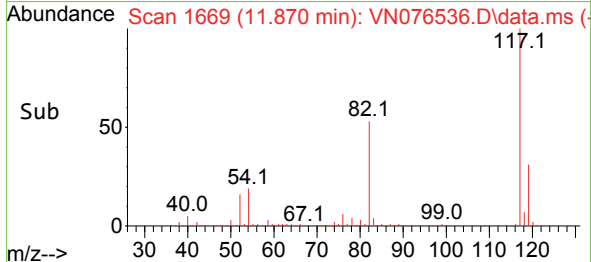
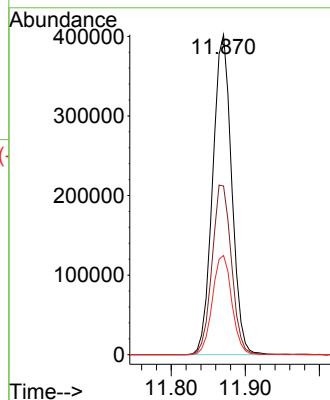
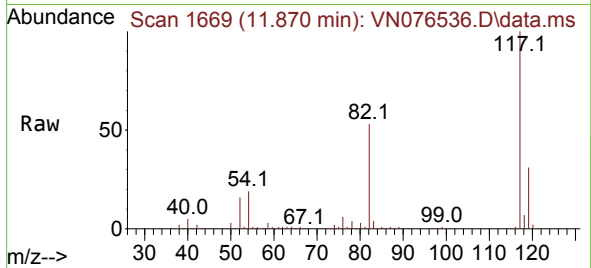




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

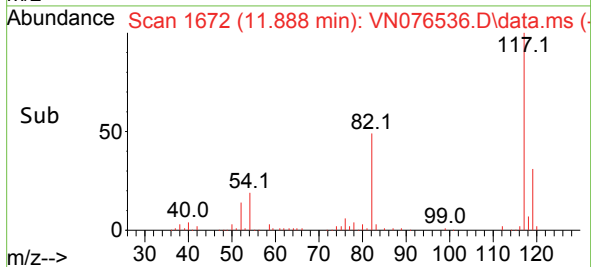
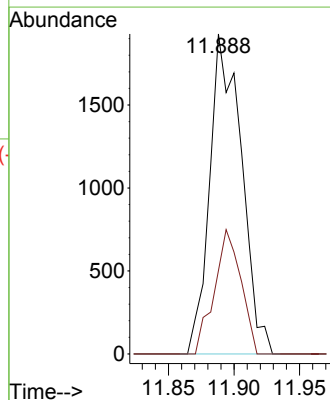
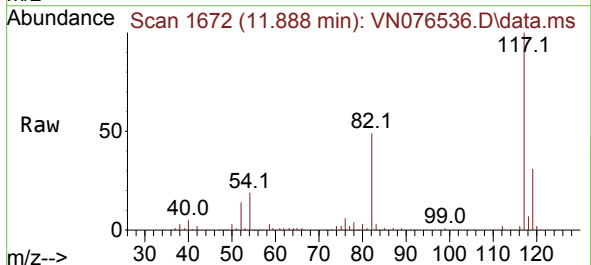
Instrument :
MSVOA_N
ClientSampleId :
IBLK

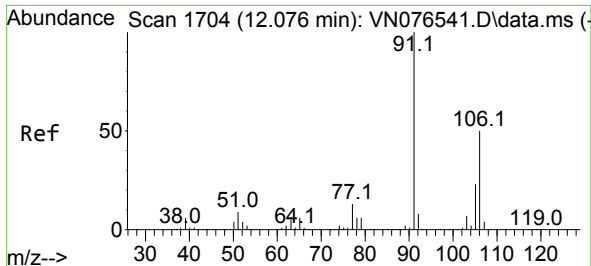
Tgt Ion:117 Resp: 716329
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.0 25.8 38.8



#65
Chlorobenzene
Concen: 0.219 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion:112 Resp: 3238
Ion Ratio Lower Upper
112 100
114 26.0 25.8 38.8

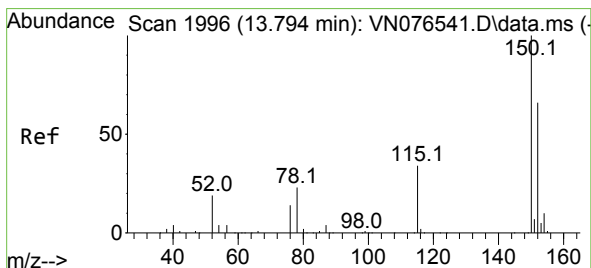
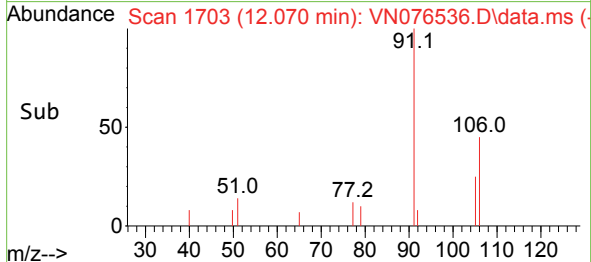
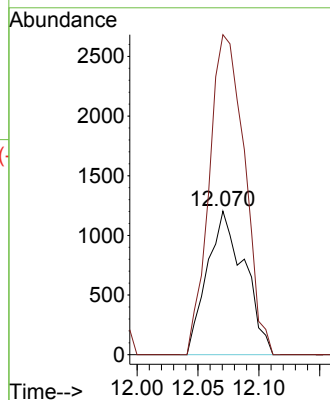
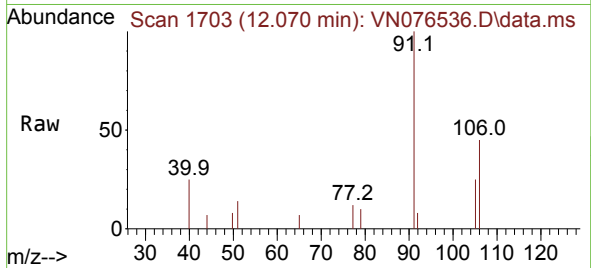




#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

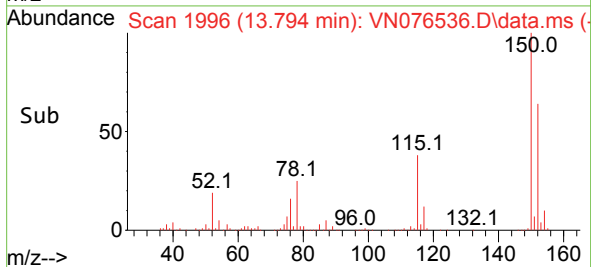
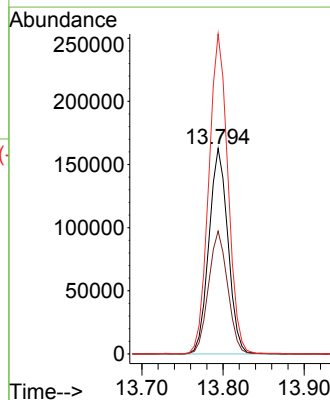
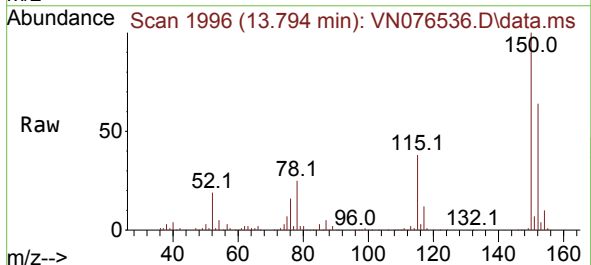
Instrument :
MSVOA_N
ClientSampleId :
IBLK

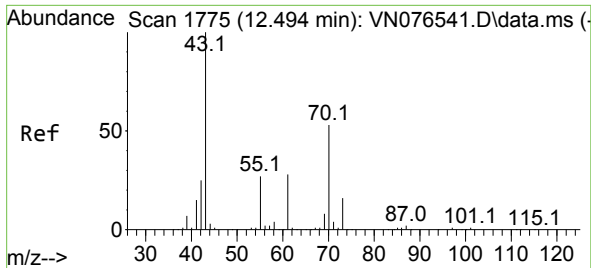
Tgt Ion:106 Resp: 2569
Ion Ratio Lower Upper
106 100
91 211.2 160.2 240.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion:152 Resp: 264198
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 157.3 0.0 352.0

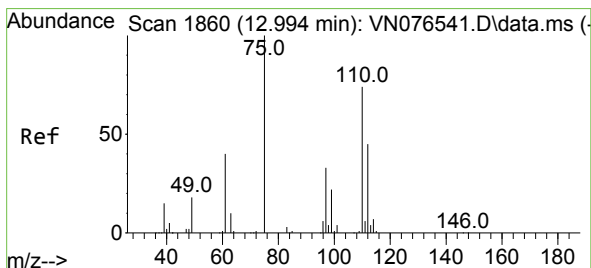
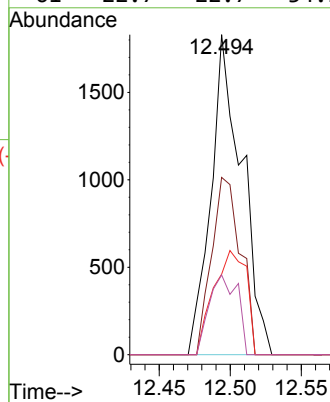
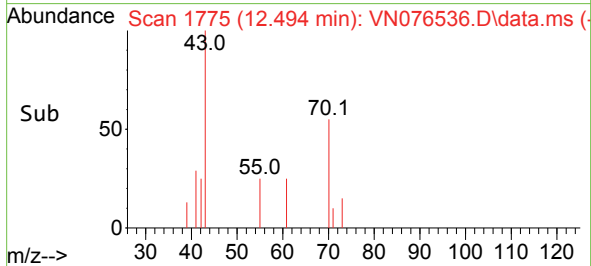
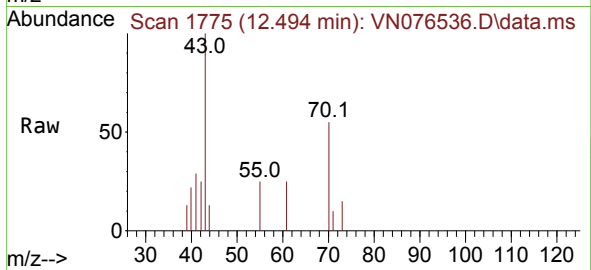




#74
N-amy1 acetate
Concen: 0.450 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

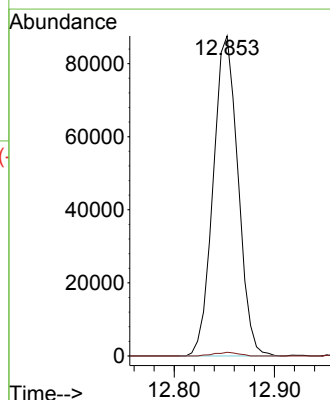
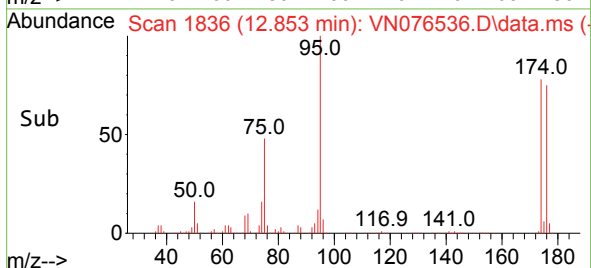
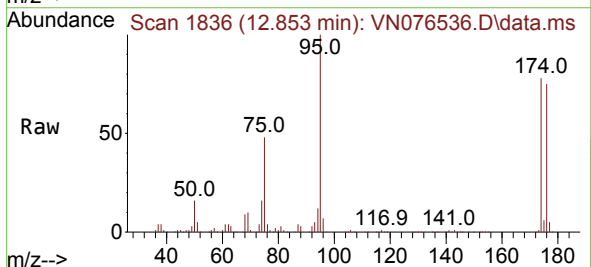
Instrument :
MSVOA_N
ClientSampleId :
IBLK

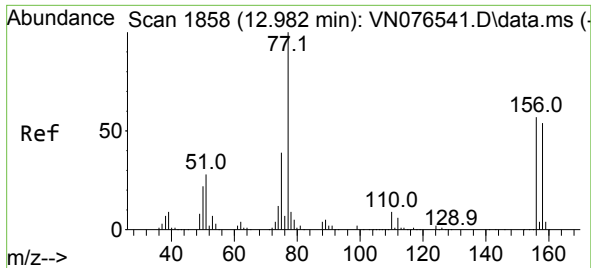
Tgt Ion: 43	Resp: 2765
Ion Ratio	Lower Upper
43 100	
70 52.2	42.6 64.0
55 34.5	22.3 33.5#
61 22.7	22.7 34.1



#76
1,2,3-Trichloropropane
Concen: 27.941 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 75	Resp: 150565
Ion Ratio	Lower Upper
75 100	
77 1.1	86.8 260.3#

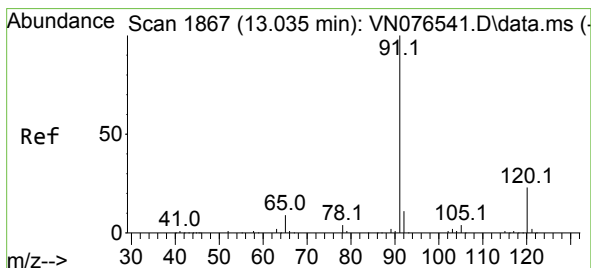
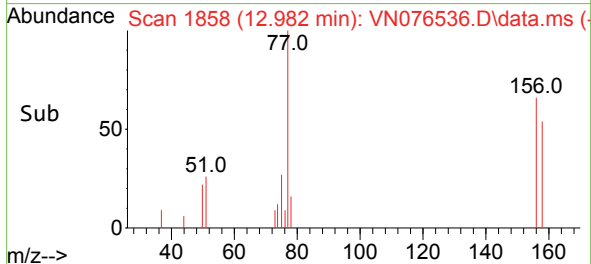
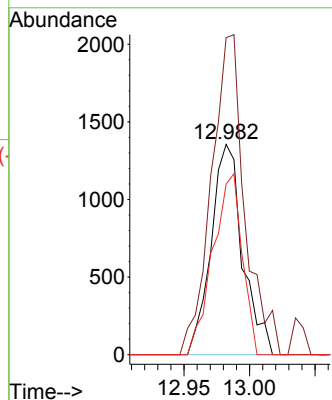
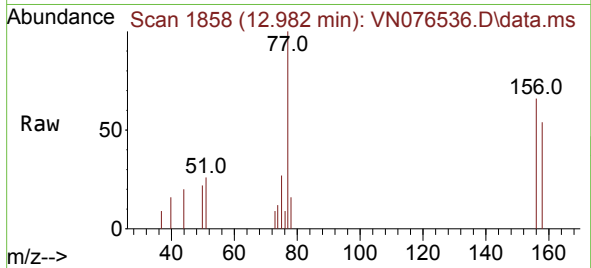




#77
Bromobenzene
Concen: 0.457 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

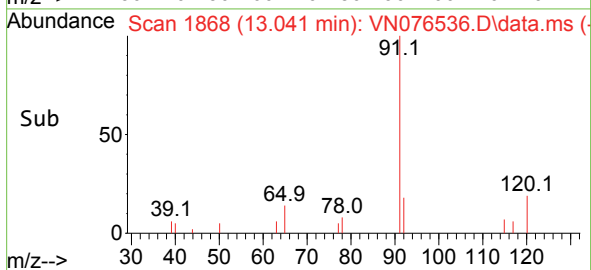
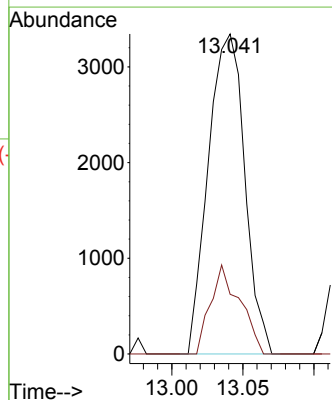
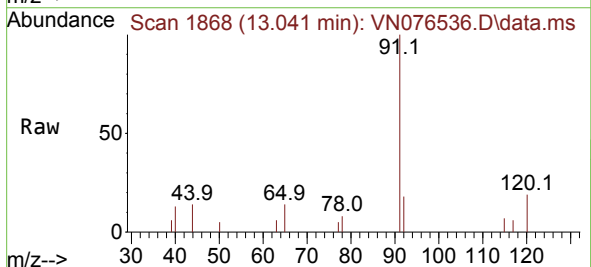
Instrument :
MSVOA_N
ClientSampleId :
IBLK

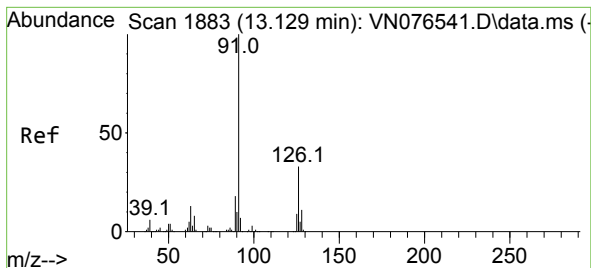
Tgt Ion:156 Resp: 2263
Ion Ratio Lower Upper
156 100
77 161.8 101.2 303.6
158 79.9 48.5 145.6



#78
n-propylbenzene
Concen: 0.255 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 91 Resp: 5967
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.251 ug/l

RT: 13.123 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

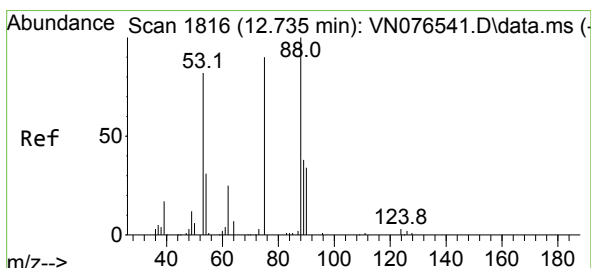
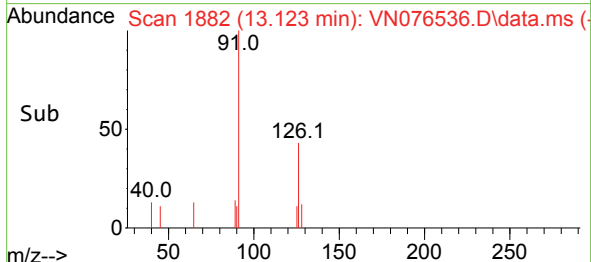
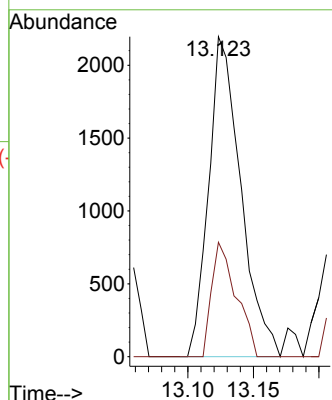
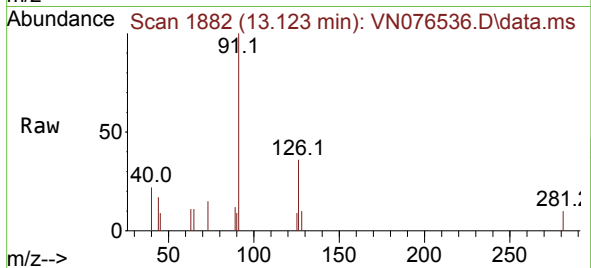
IBLK

Tgt Ion: 91 Resp: 3740

Ion Ratio Lower Upper

91 100

126 27.4 16.8 50.3



#81

trans-1,4-Dichloro-2-butene

Concen: 93.042 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

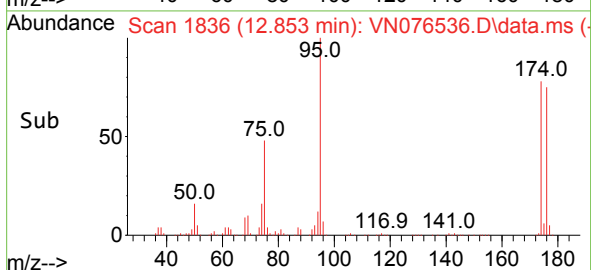
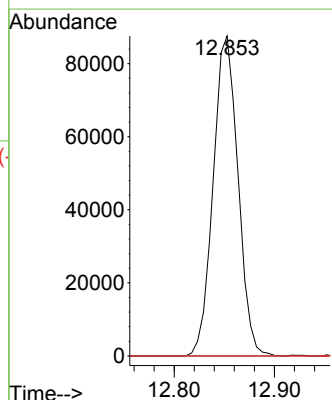
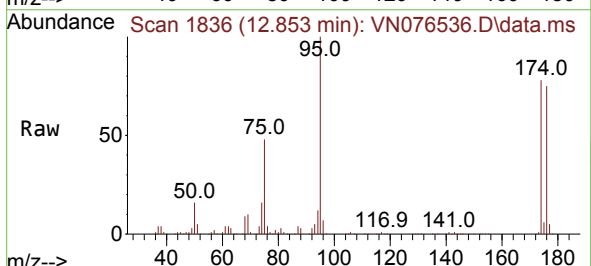
Tgt Ion: 75 Resp: 150565

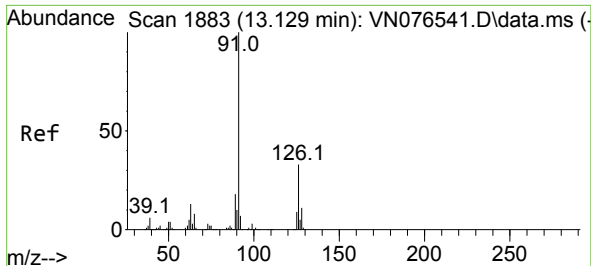
Ion Ratio Lower Upper

75 100

53 0.0 72.7 109.1#

89 0.0 38.4 57.6#

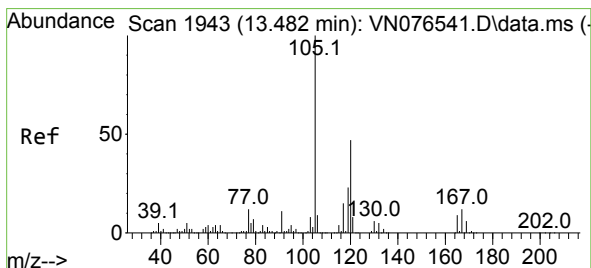
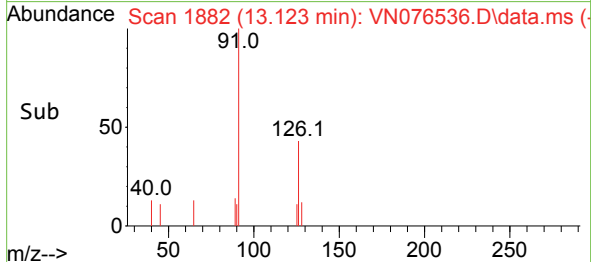
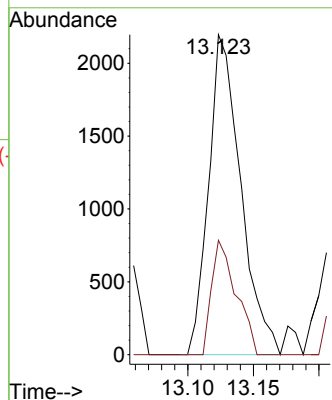
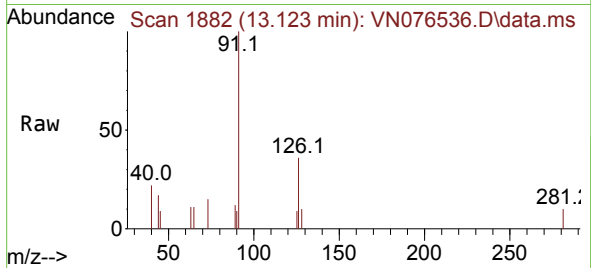




#82
4-Chlorotoluene
Concen: 0.251 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

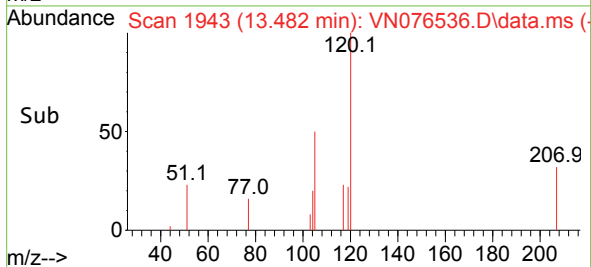
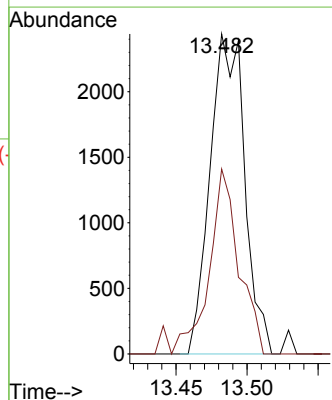
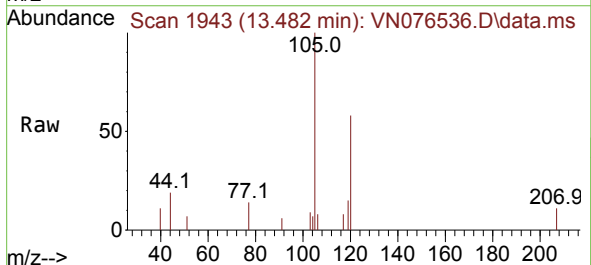
Instrument :
MSVOA_N
ClientSampleId :
IBLK

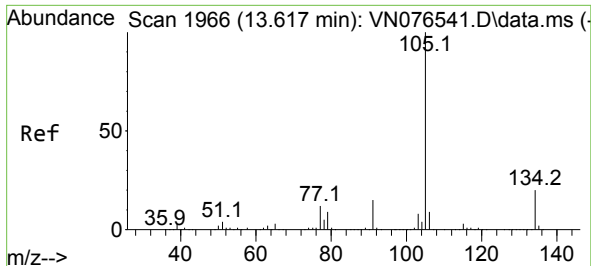
Tgt Ion: 91 Resp: 3740
Ion Ratio Lower Upper
91 100
126 27.4 16.8 50.3



#84
1,2,4-Trimethylbenzene
Concen: 0.233 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 105 Resp: 4121
Ion Ratio Lower Upper
105 100
120 49.6 22.5 67.5

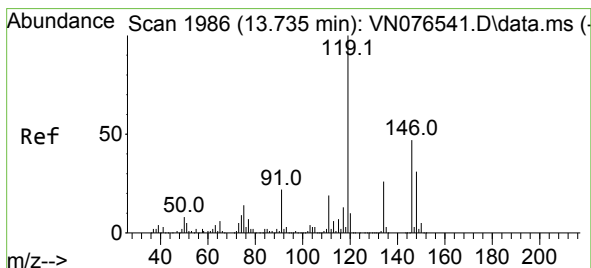
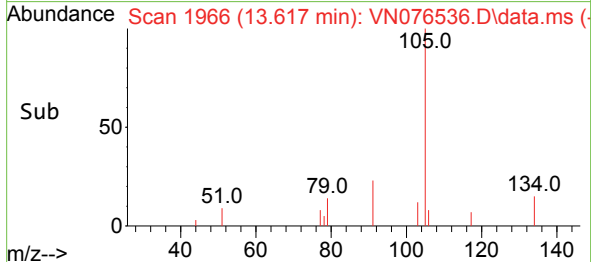
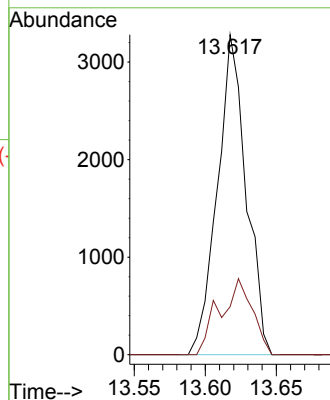
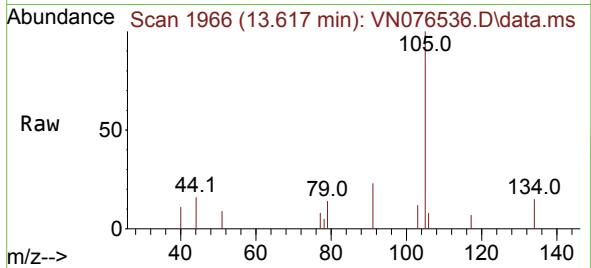




#85
 sec-Butylbenzene
 Concen: 0.216 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076536.D
 Acq: 06 Feb 2023 11:32

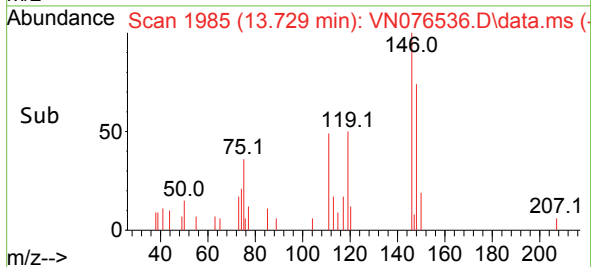
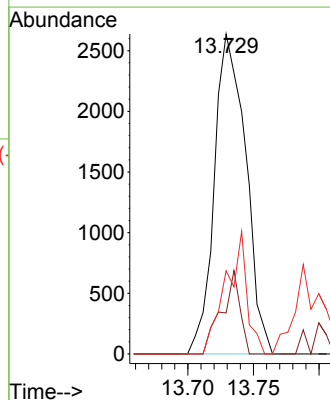
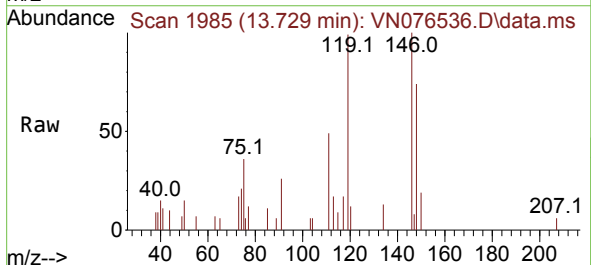
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

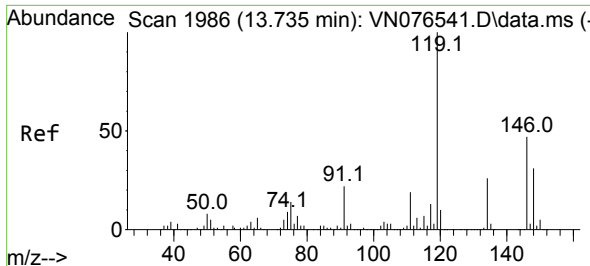
Tgt Ion:105 Resp: 4618
 Ion Ratio Lower Upper
 105 100
 134 26.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.252 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076536.D
 Acq: 06 Feb 2023 11:32

Tgt Ion:119 Resp: 4388
 Ion Ratio Lower Upper
 119 100
 134 15.2 12.9 38.6
 91 25.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 0.592 ug/l

RT: 13.741 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

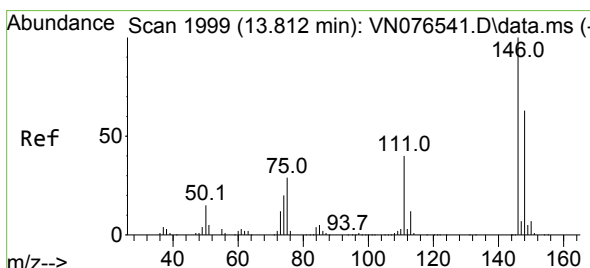
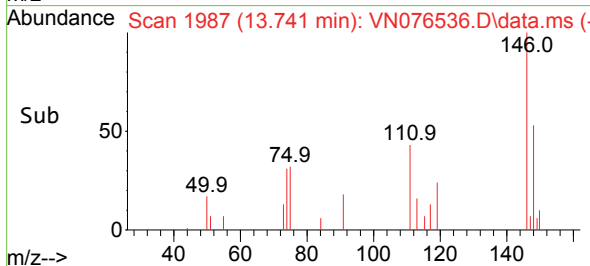
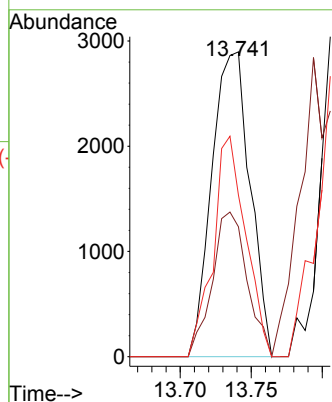
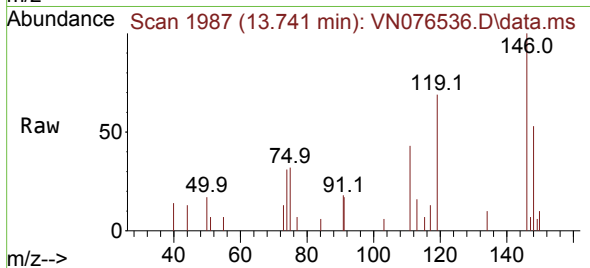
Tgt Ion:146 Resp: 5435

Ion Ratio Lower Upper

146 100

111 43.2 20.5 61.5

148 61.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.587 ug/l

RT: 13.741 min Scan# 1987

Delta R.T. -0.071 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

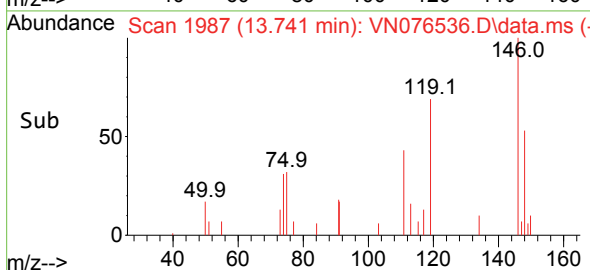
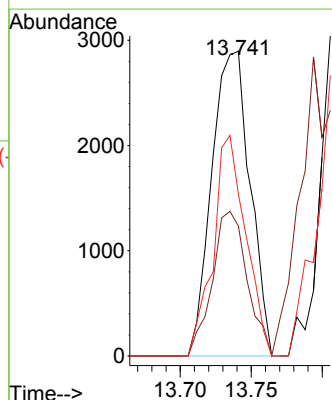
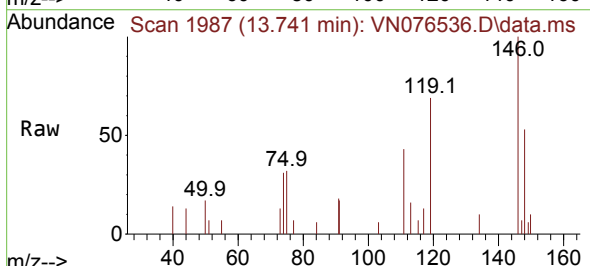
Tgt Ion:146 Resp: 5435

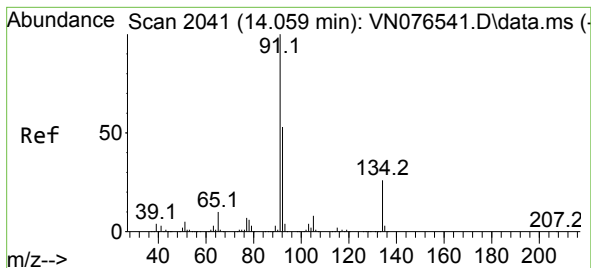
Ion Ratio Lower Upper

146 100

111 43.2 20.1 60.2

148 61.4 31.6 95.0





#89

n-Butylbenzene

Concen: 0.557 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

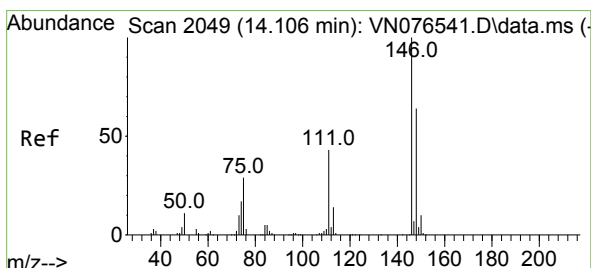
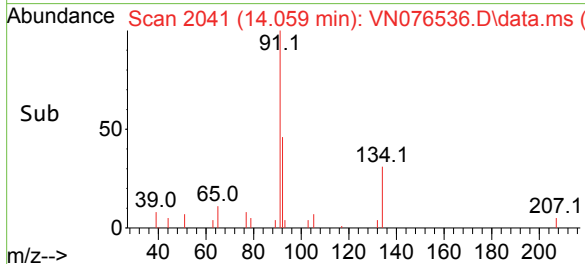
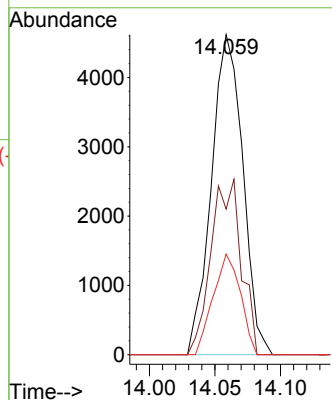
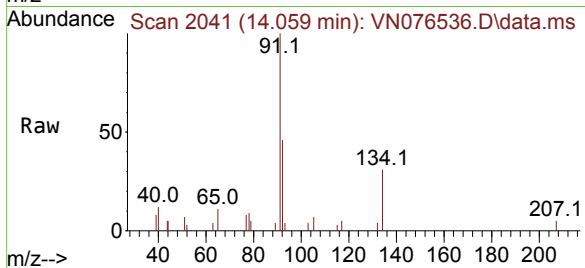
Tgt Ion: 91 Resp: 7699

Ion Ratio Lower Upper

91 100

92 52.6 26.9 80.7

134 27.3 13.0 39.0



#91

1,2-Dichlorobenzene

Concen: 0.557 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076536.D

Acq: 06 Feb 2023 11:32

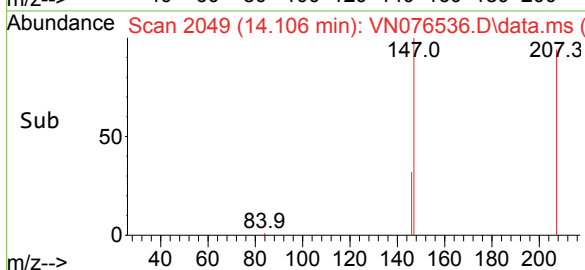
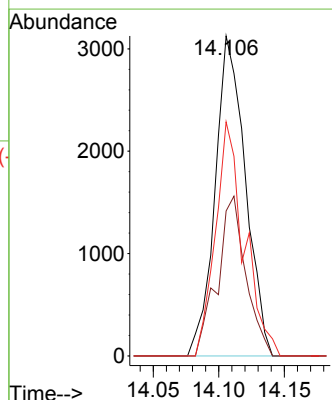
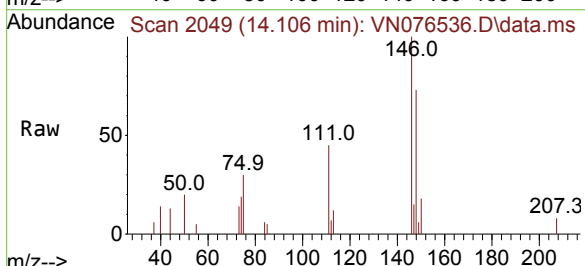
Tgt Ion: 146 Resp: 5017

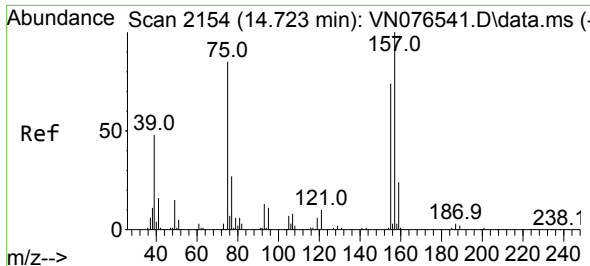
Ion Ratio Lower Upper

146 100

111 46.9 21.3 63.9

148 69.4 32.3 96.9

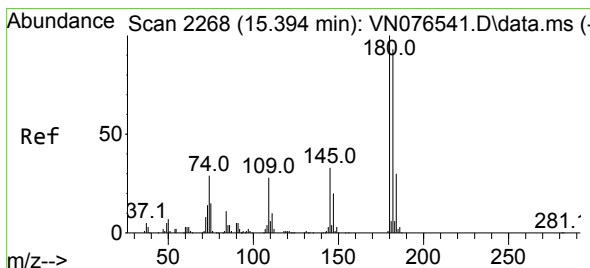
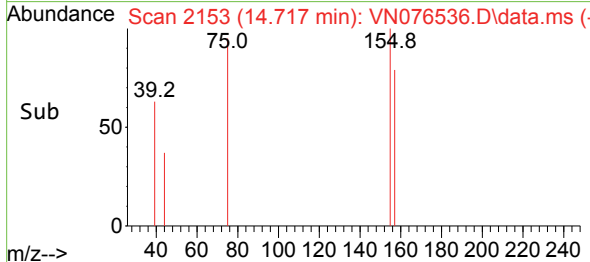
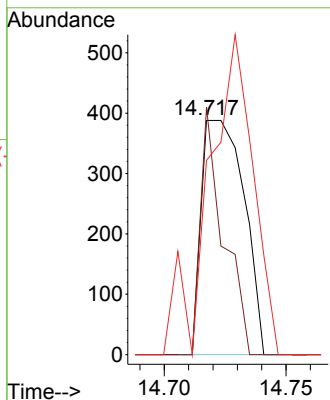
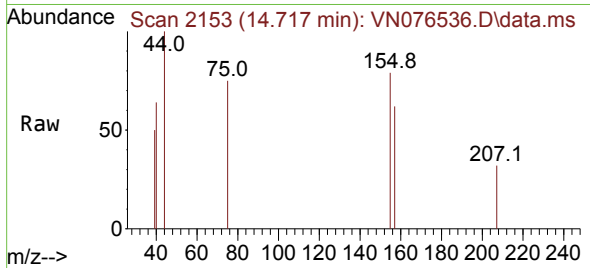




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.448 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

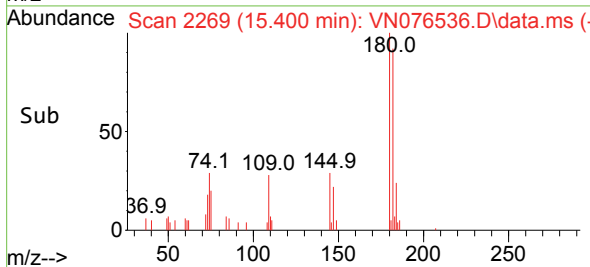
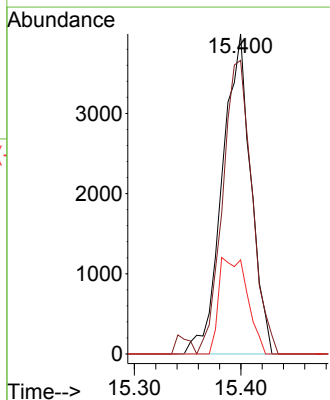
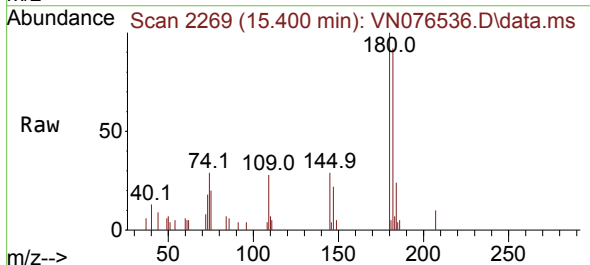
Instrument :
MSVOA_N
ClientSampleId :
IBLK

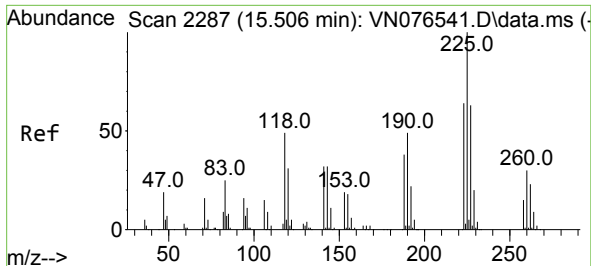
Tgt Ion: 75 Resp: 471
Ion Ratio Lower Upper
75 100
155 56.7 45.0 135.0
157 142.0 57.6 173.0



#93
1,2,4-Trichlorobenzene
Concen: 1.870 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion: 180 Resp: 7424
Ion Ratio Lower Upper
180 100
182 94.2 47.2 141.6
145 30.0 16.1 48.2

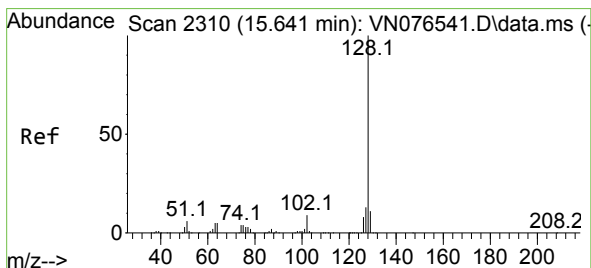
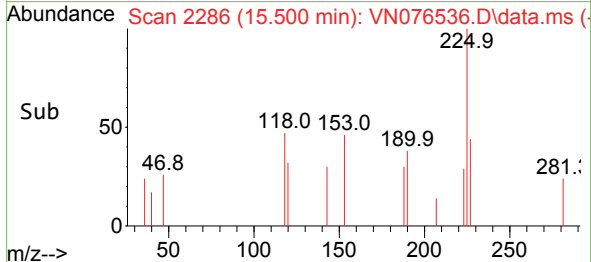
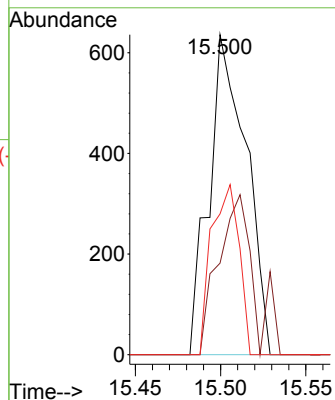
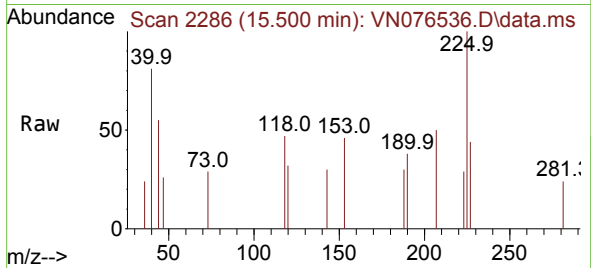




#94
Hexachlorobutadiene
Concen: 0.424 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

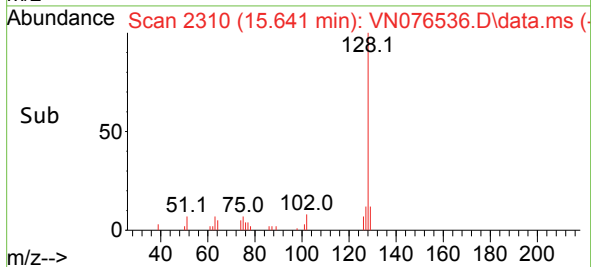
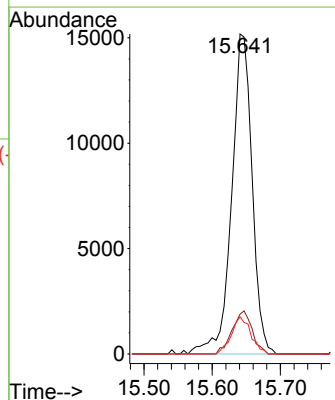
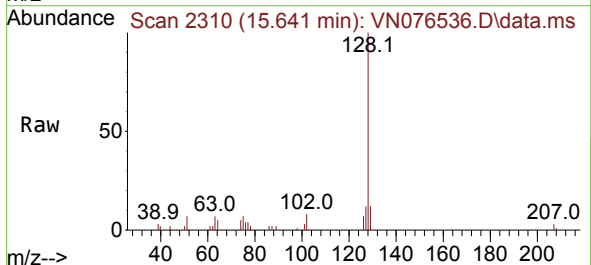
Instrument :
MSVOA_N
ClientSampleId :
IBLK

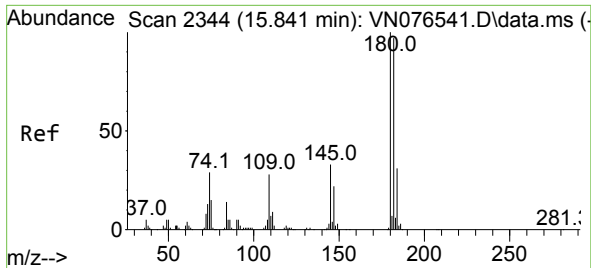
Tgt Ion:225	Resp:	966
Ion Ratio	Lower	Upper
225	100	
223	47.6	31.3 93.9
227	39.4	31.6 95.0



#95
Naphthalene
Concen: 2.714 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076536.D
Acq: 06 Feb 2023 11:32

Tgt Ion:128	Resp:	31730
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.4 15.6
129	11.0	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.145 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076536.D
 Acq: 06 Feb 2023 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	8184
Ion Ratio	Lower	Upper	
180	100		
182	99.6	47.6	142.8
145	32.2	16.8	50.3

