

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076363.D
 Acq On : 23 Jan 2023 13:48
 Operator : JC\MD
 Sample : 01233-07ME
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P37B

Quant Time: Jan 23 14:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

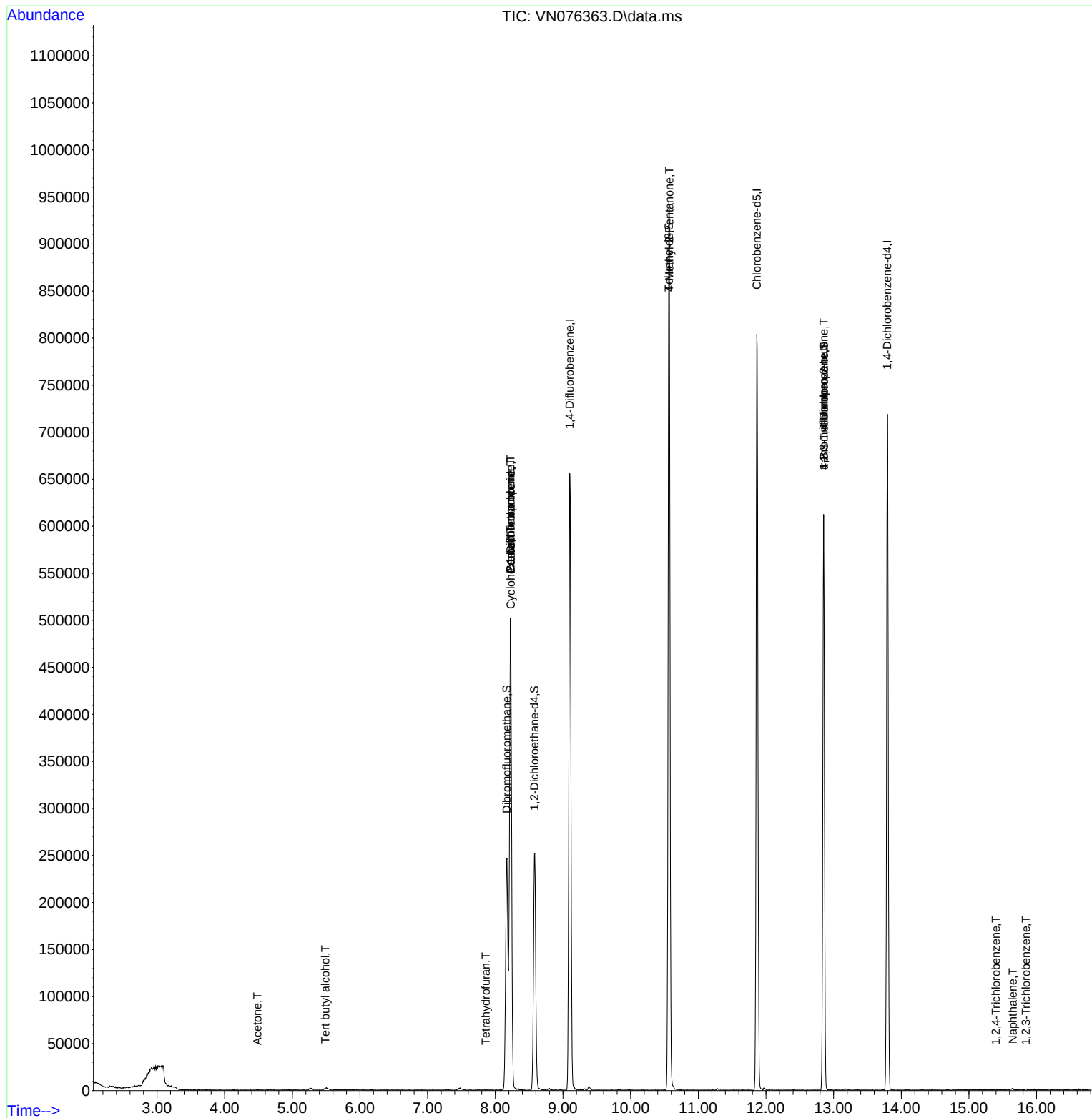
Internal Standards						
1) Pentafluorobenzene	8.224	168	377735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	599680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	492174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	209016	49.419	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	8.171	113	177274	47.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	10.565	98	681550	49.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.853	95	203558	45.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.489	59	1245	2.201	ug/l #	72
16) Acetone	4.483	43	707	0.448	ug/l #	41
20) Methylene Chloride	5.259	84	1993	Below Cal	#	59
29) Tetrahydrofuran	7.859	42	270	0.211	ug/l #	42
31) Cyclohexane	8.230	56	8219	1.265	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	27178	5.099	ug/l #	48
38) Carbon Tetrachloride	8.224	117	37640	6.332	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3053	0.748	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	108690	29.519	ug/l #	1
77) Bromobenzene	12.976	156	56	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	108690	90.652	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	170	1.352	ug/l #	1
95) Naphthalene	15.647	128	2431	2.065	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.841	180	245	1.226	ug/l #	84

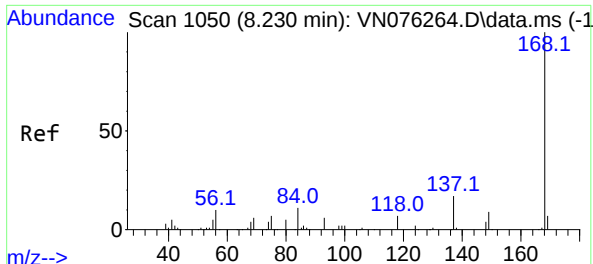
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VN076363.D

Acq: 23 Jan 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

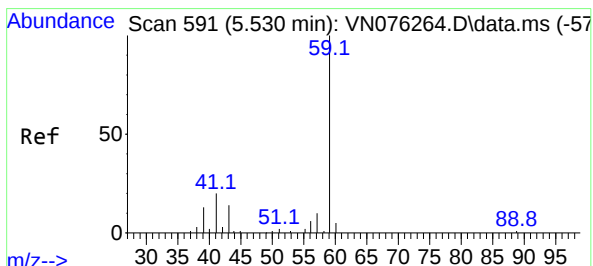
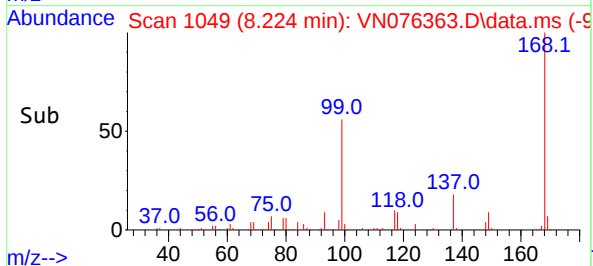
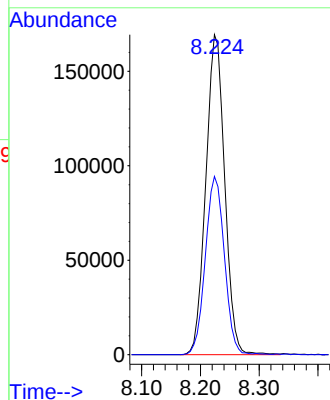
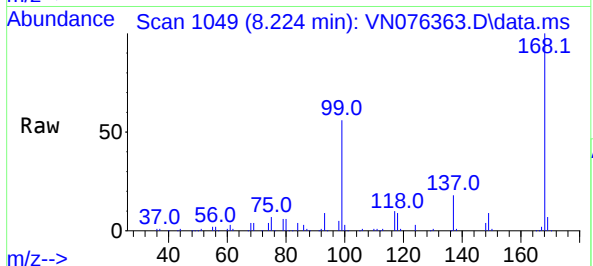
B-P37B

Tgt Ion:168 Resp: 377735

Ion Ratio Lower Upper

168 100

99 55.7 41.6 62.4



#11

Tert butyl alcohol

Concen: 2.201 ug/l

RT: 5.489 min Scan# 584

Delta R.T. -0.041 min

Lab File: VN076363.D

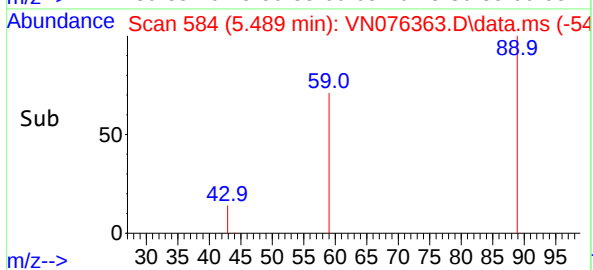
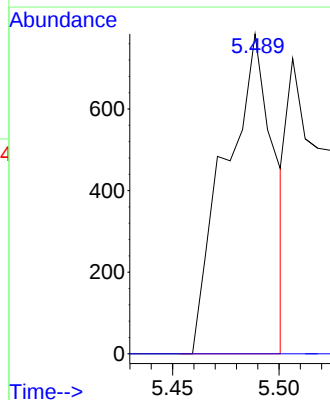
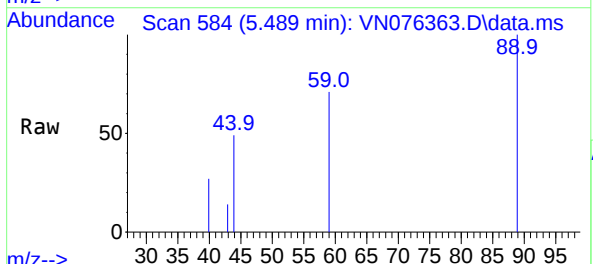
Acq: 23 Jan 2023 13:48

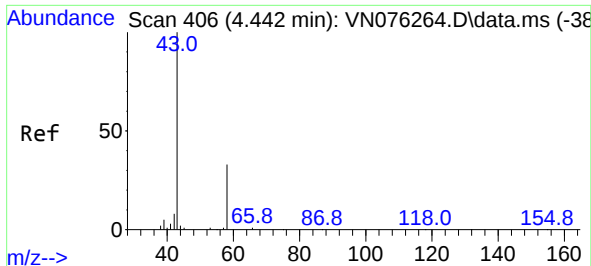
Tgt Ion: 59 Resp: 1245

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

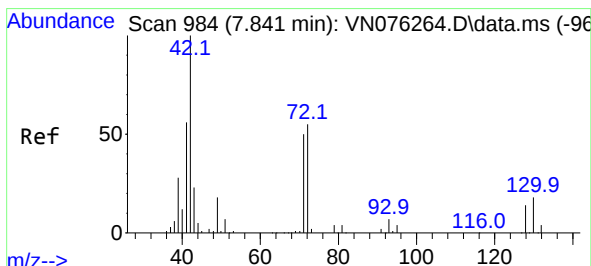
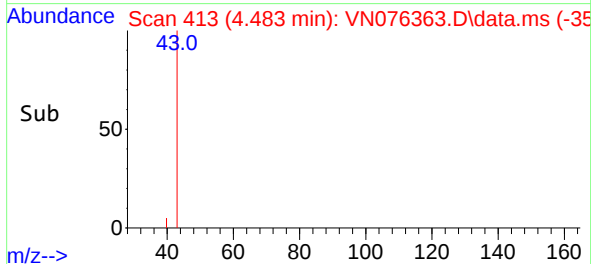
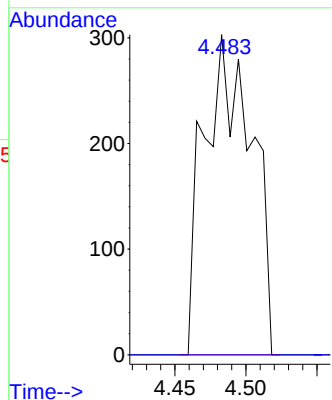
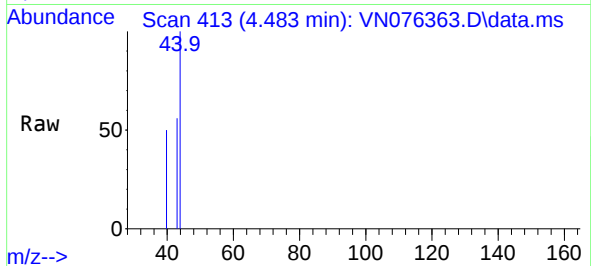




#16
Acetone
Concen: 0.448 ug/l
RT: 4.483 min Scan# 411
Delta R.T. 0.041 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

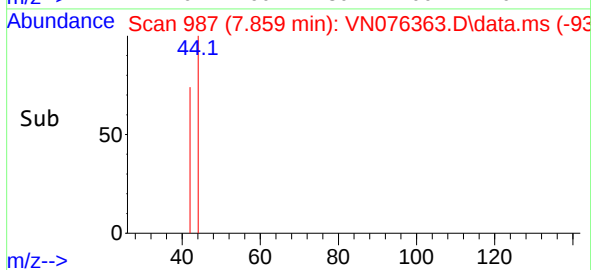
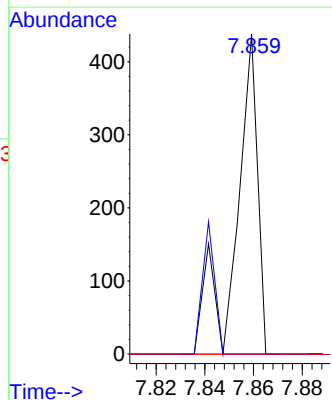
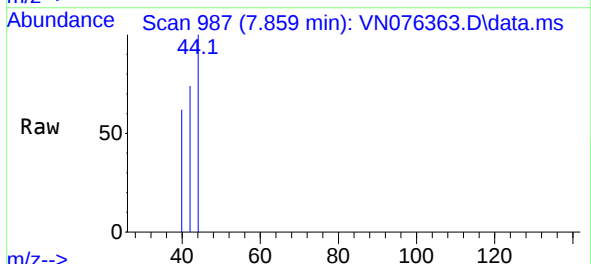
Instrument :
MSVOA_N
ClientSampleId :
B-P37B

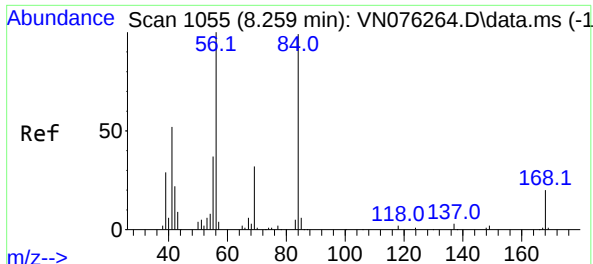
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.018 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

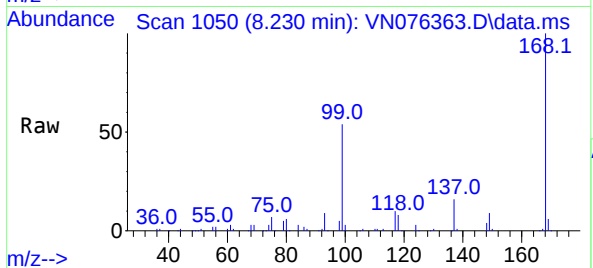
Tgt Ion: 42 Resp: 270
Ion Ratio Lower Upper
42 100
72 23.7 44.0 66.0#
71 0.0 41.1 61.7#



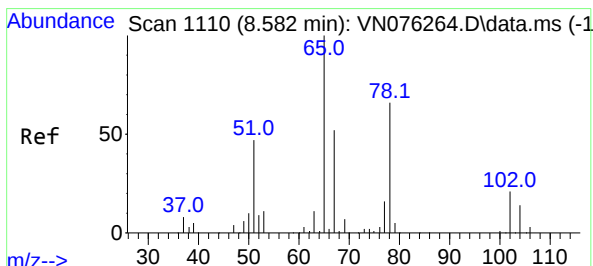
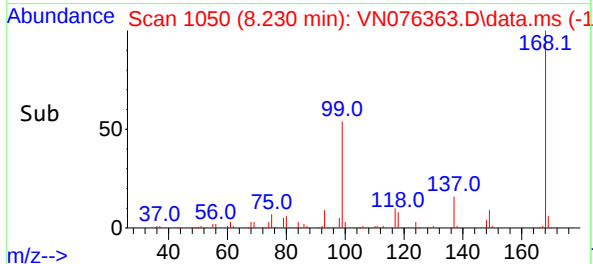
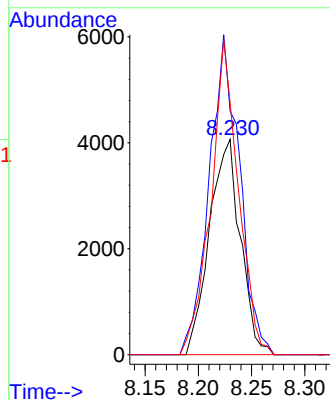


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.029 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
B-P37B

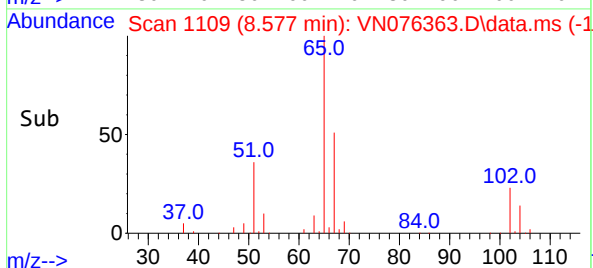
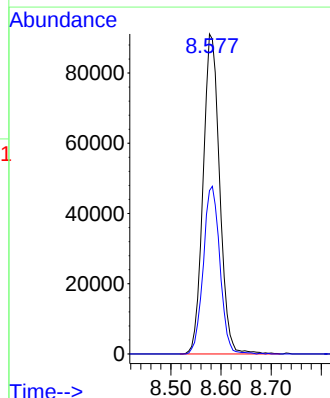
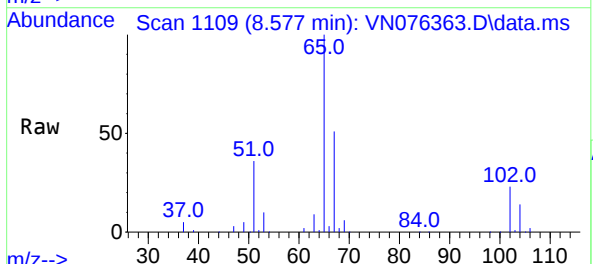


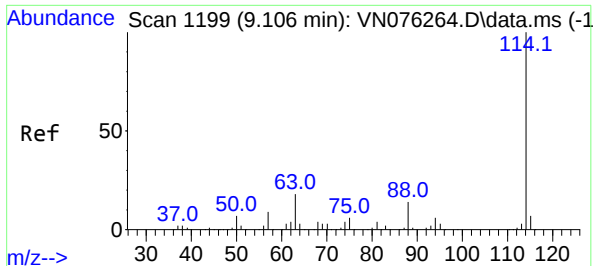
Tgt Ion: 56 Resp: 8219
Ion Ratio Lower Upper
56 100
69 113.1 25.8 38.8#
84 117.1 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 49.419 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion: 65 Resp: 209016
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076363.D

Acq: 23 Jan 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

B-P37B

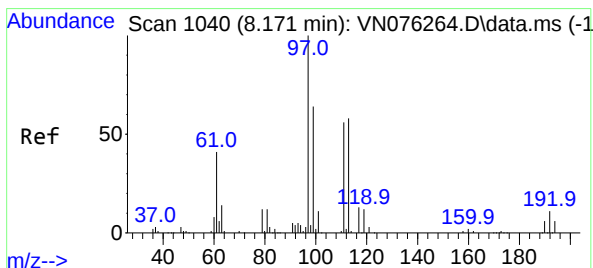
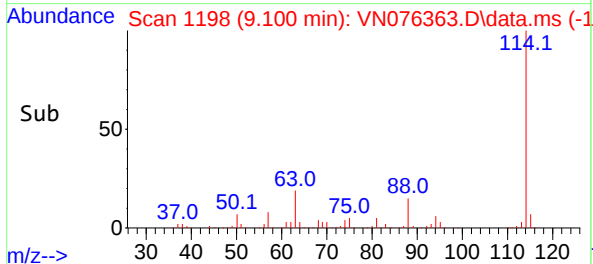
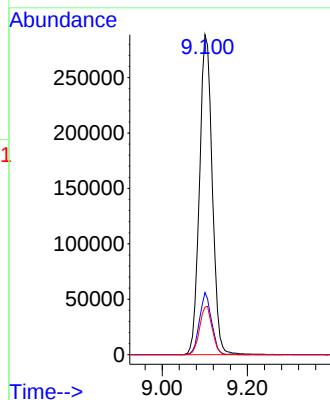
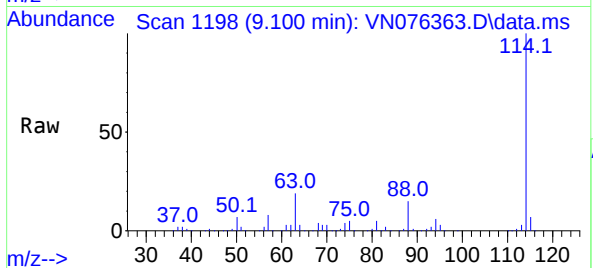
Tgt Ion:114 Resp: 599680

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.257 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076363.D

Acq: 23 Jan 2023 13:48

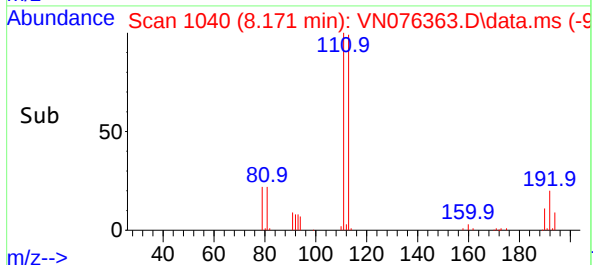
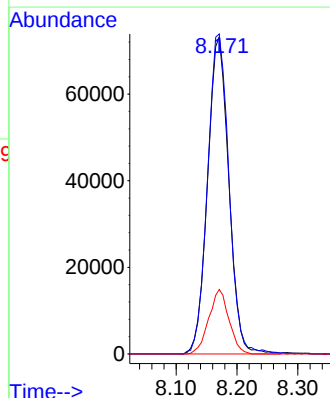
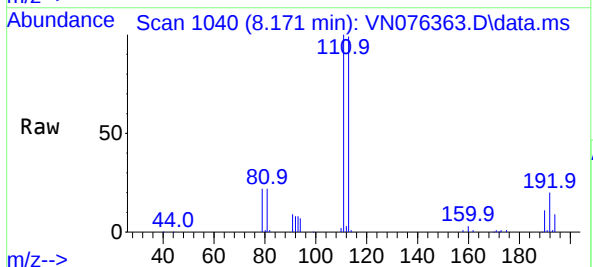
Tgt Ion:113 Resp: 177274

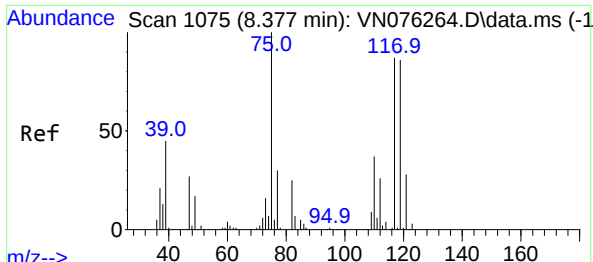
Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 19.3 15.6 23.4

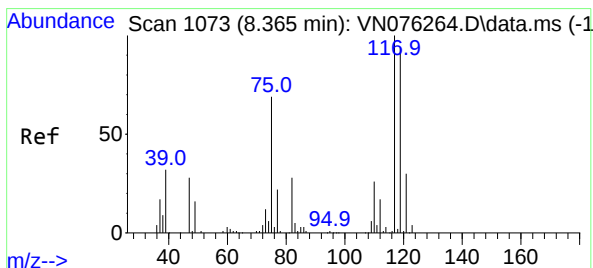
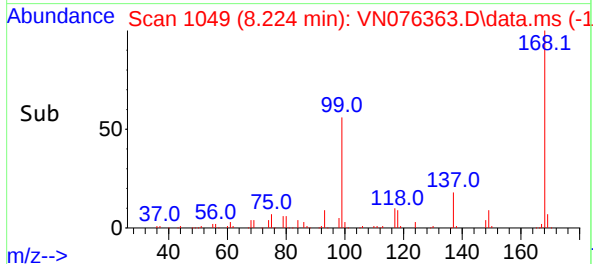
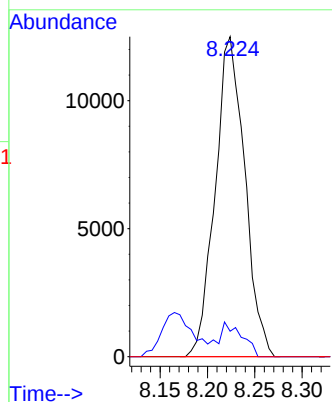
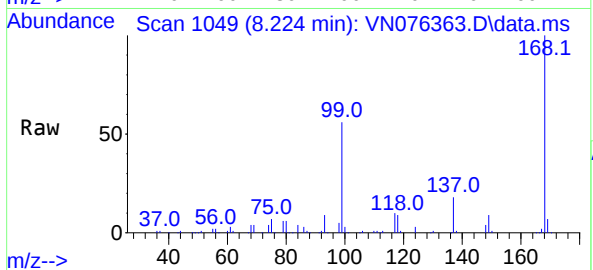




#36
1,1-Dichloropropene
Concen: 5.099 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

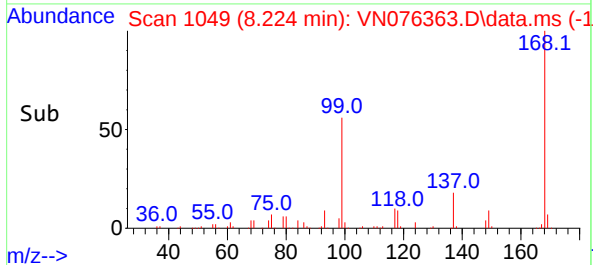
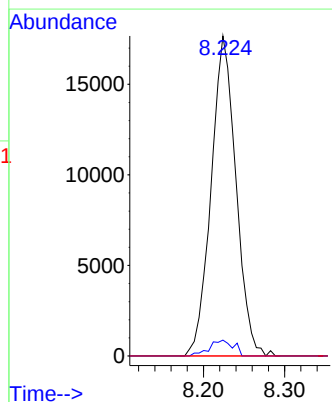
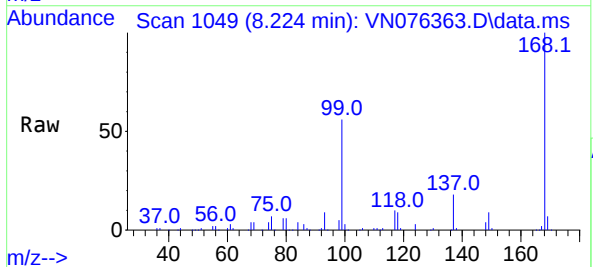
Instrument :
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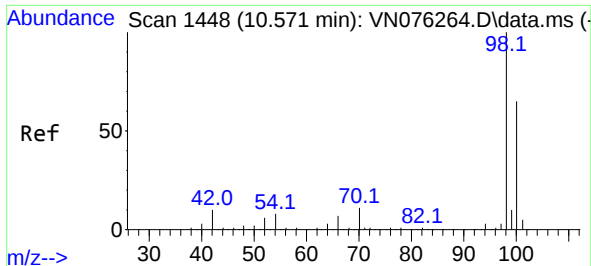
Tgt Ion: 75 Resp: 27178
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion: 117 Resp: 37640
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 24.2 36.2#

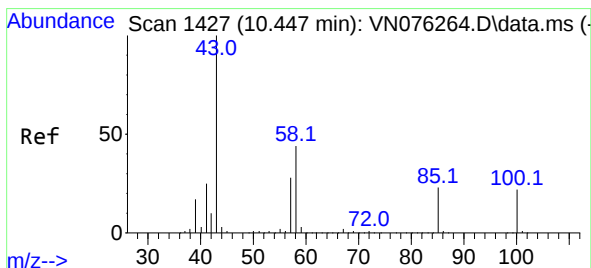
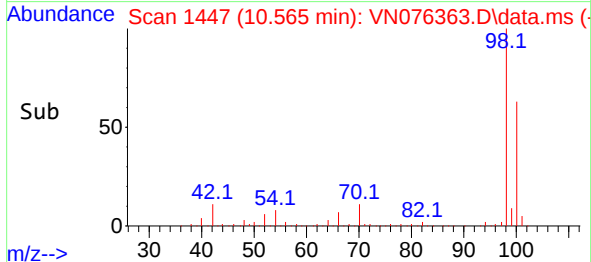
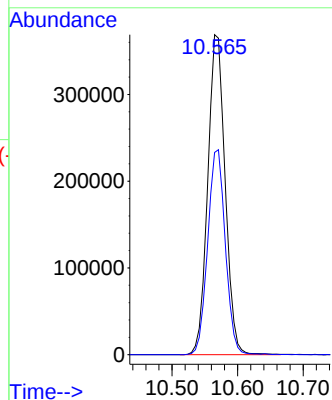
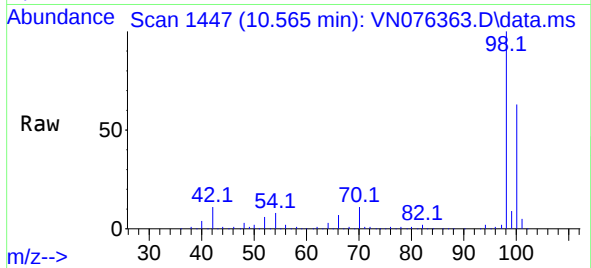




#50
Toluene-d8
Concen: 49.196 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

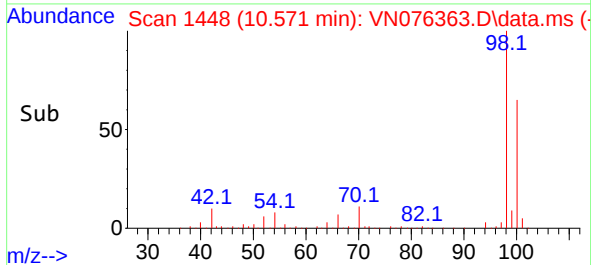
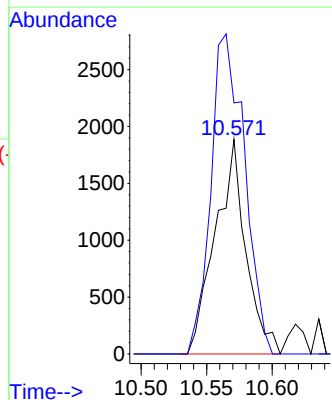
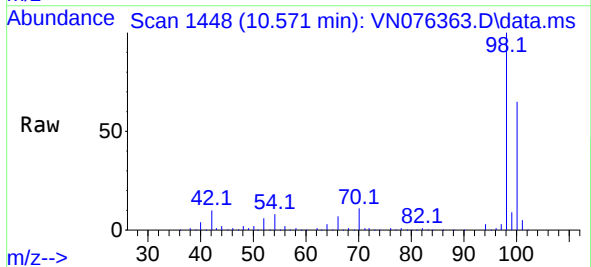
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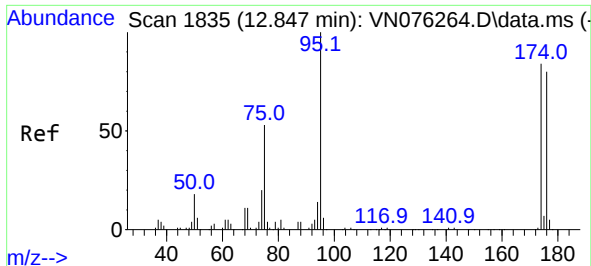
Tgt Ion: 98 Resp: 681550
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.748 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
58 164.7 35.1 52.7#

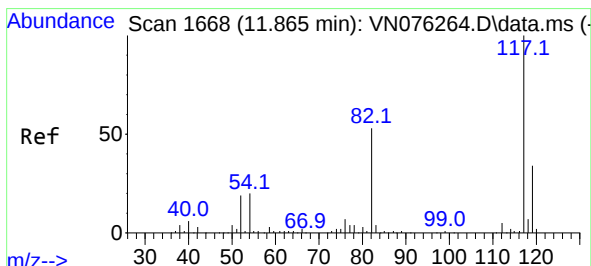
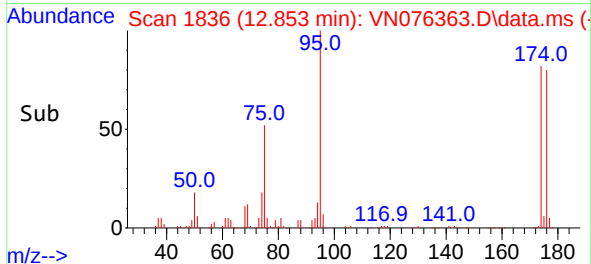
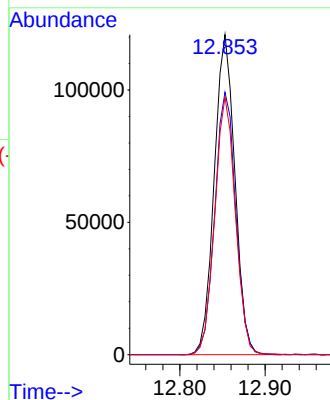
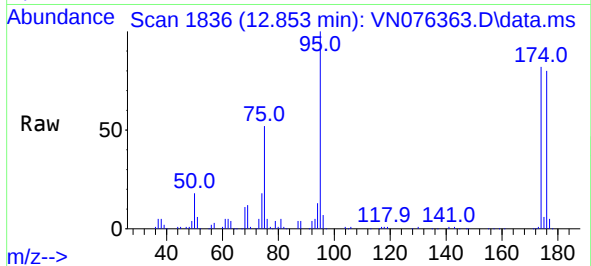




#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

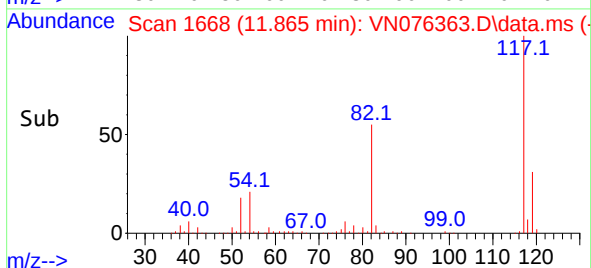
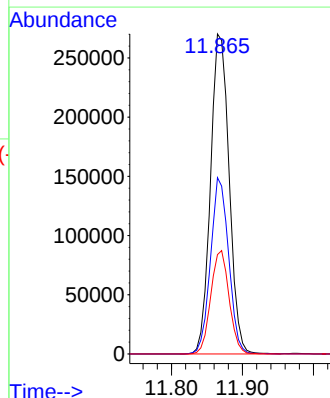
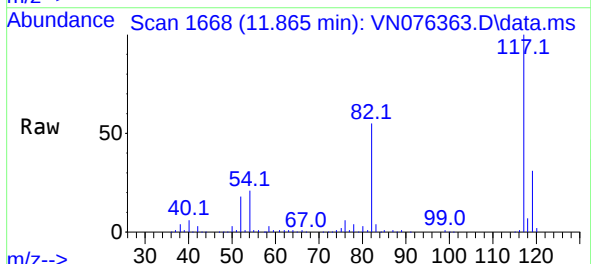
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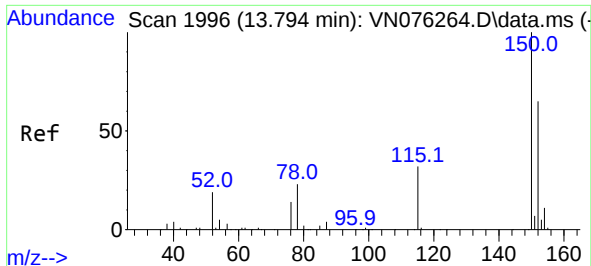
Tgt Ion: 95 Resp: 203558
Ion Ratio Lower Upper
95 100
174 83.5 0.0 174.6
176 80.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion: 117 Resp: 492174
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.2
119 31.0 26.9 40.3

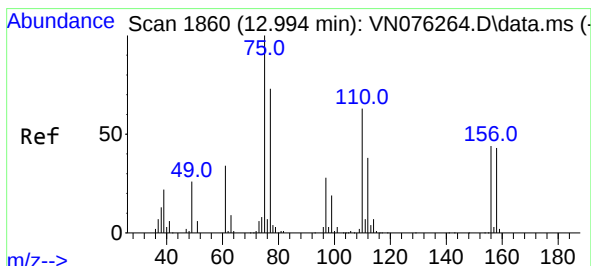
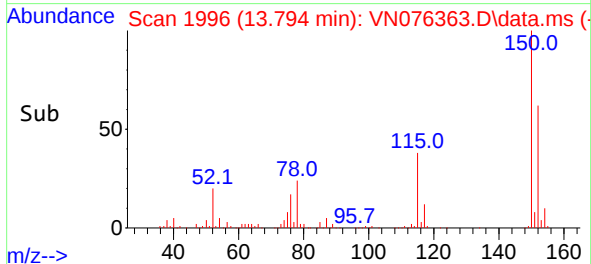
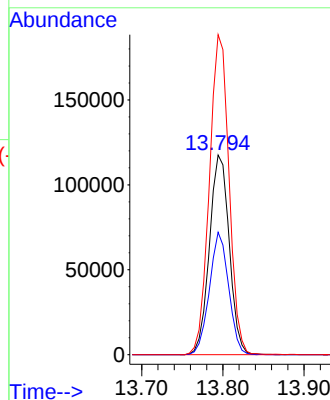
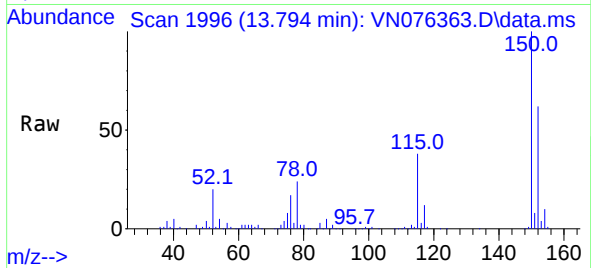




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

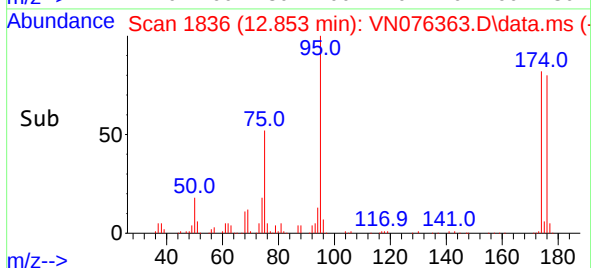
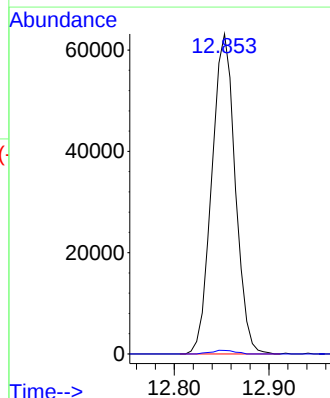
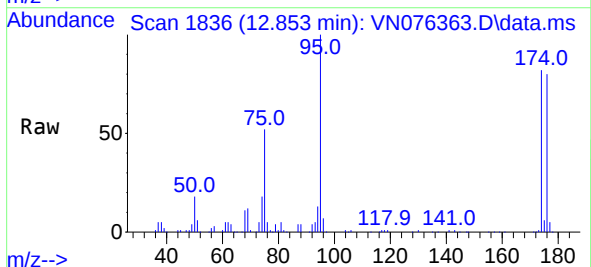
Instrument :
MSVOA_N
ClientSampleId :
B-P37B

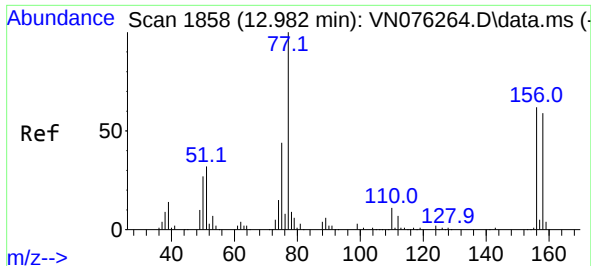
Tgt Ion:152 Resp: 199490
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.9
150 158.3 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 29.519 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion: 75 Resp: 108690
Ion Ratio Lower Upper
75 100
77 1.1 75.2 225.6#

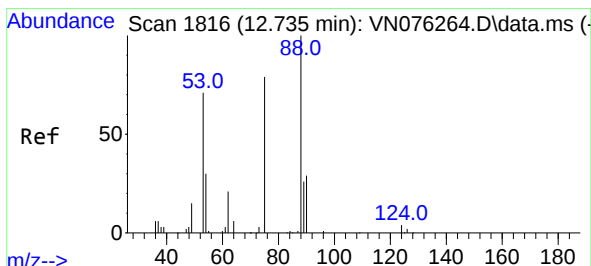
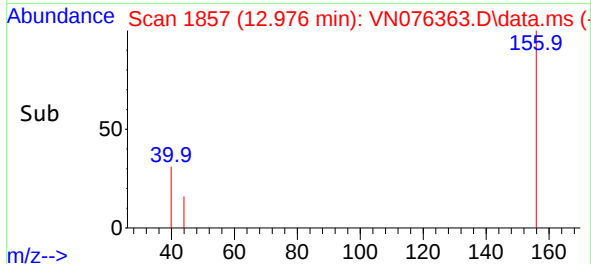
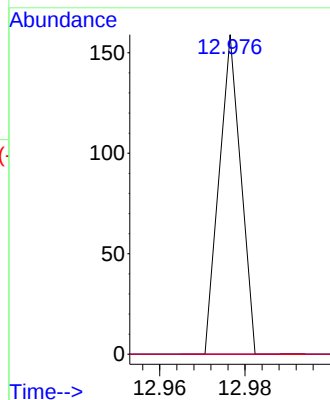
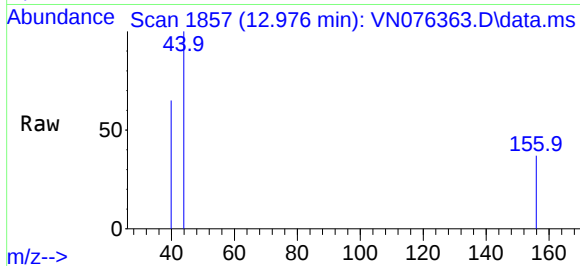




#77
Bromobenzene
Concen: Below Cal
RT: 12.976 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

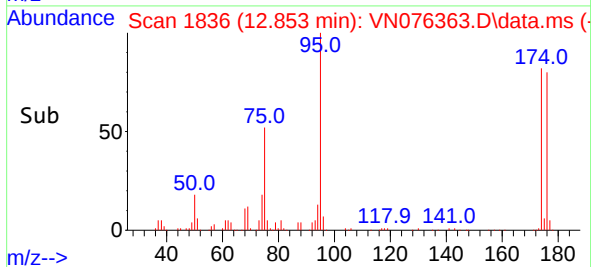
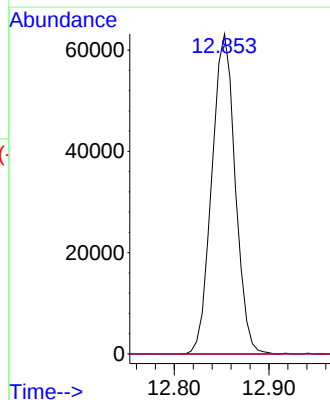
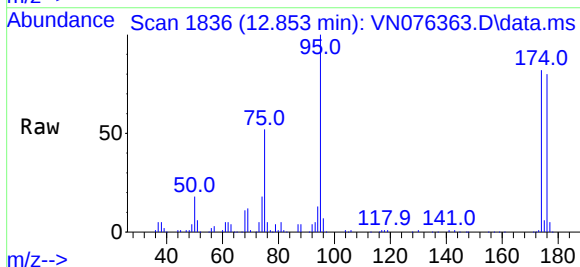
Instrument :
MSVOA_N
ClientSampleId :
B-P37B

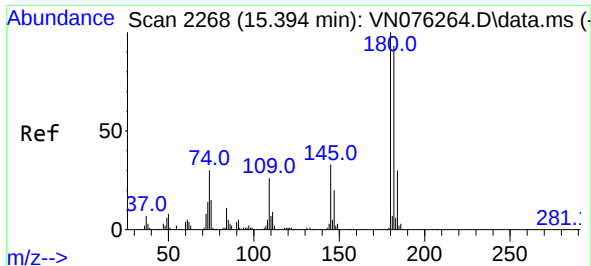
Tgt Ion:156 Resp: 56
Ion Ratio Lower Upper
156 100
77 0.0 93.4 280.2#
158 0.0 48.4 145.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.652 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion: 75 Resp: 108690
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#

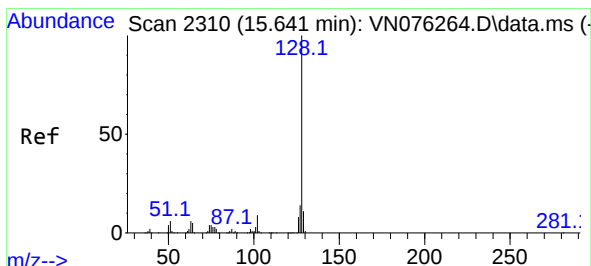
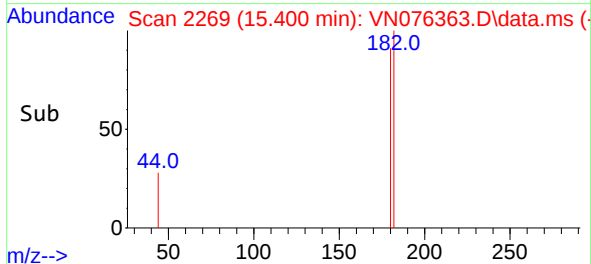
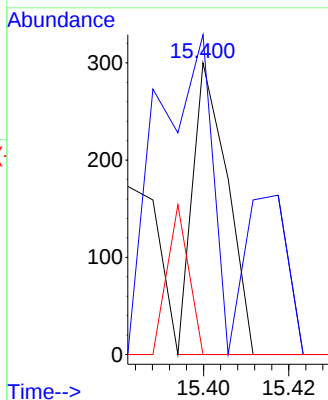
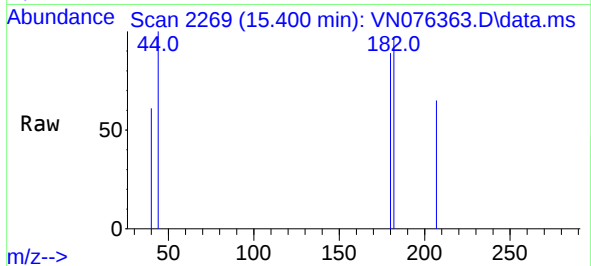




#93
1,2,4-Trichlorobenzene
Concen: 1.352 ug/l
RT: 15.400 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

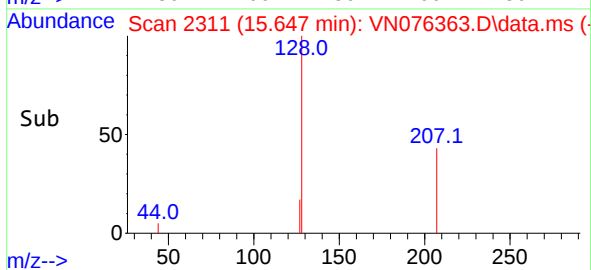
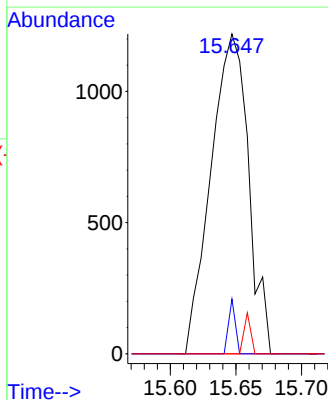
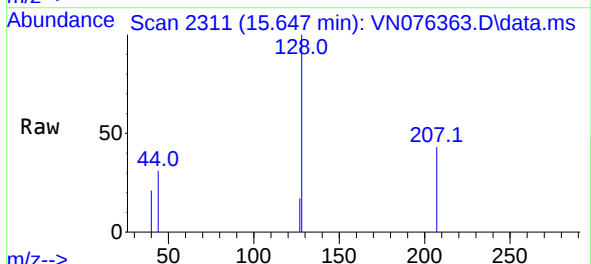
Instrument :
MSVOA_N
ClientSampleId :
B-P37B

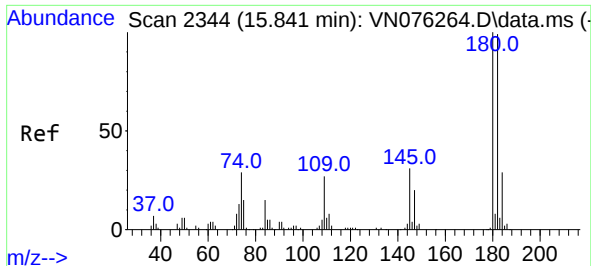
Tgt Ion:180 Resp: 170
Ion Ratio Lower Upper
180 100
182 275.3 47.0 141.2#
145 31.8 15.2 45.5



#95
Naphthalene
Concen: 2.065 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076363.D
Acq: 23 Jan 2023 13:48

Tgt Ion:128 Resp: 2431
Ion Ratio Lower Upper
128 100
127 3.0 10.3 15.5#
129 2.3 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.226 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076363.D

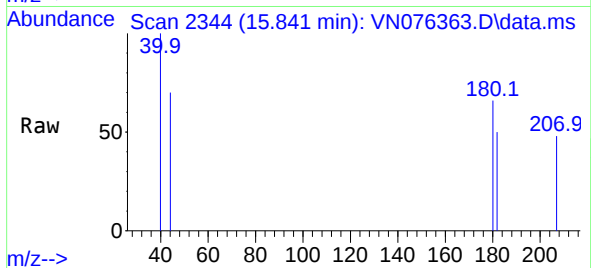
Acq: 23 Jan 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

B-P37B



Tgt Ion:180 Resp: 245

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.5

145 0.0 15.9 47.6#

