

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074938.D
 Acq On : 14 Nov 2022 16:50
 Operator : VA/SY
 Sample : N5509-04
 Misc : 4.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13

Quant Time: Nov 15 00:17:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

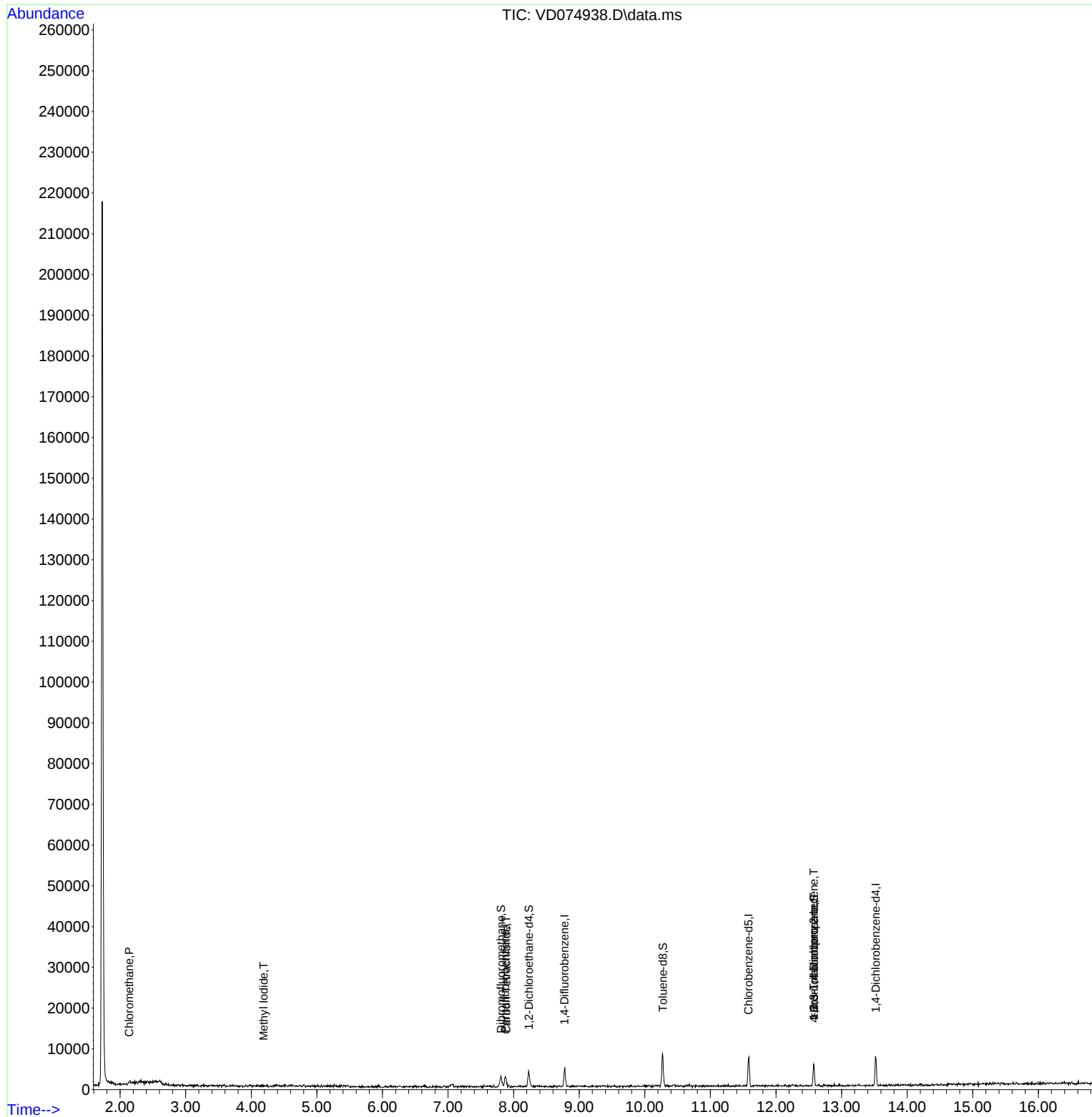
Internal Standards						
1) Pentafluorobenzene	7.869	168	2750	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	4982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5492	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2833	169.160	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 338.320%#		
35) Dibromofluoromethane	7.810	113	2355	76.684	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 153.360%#		
50) Toluene-d8	10.275	98	6398	63.245	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 126.500%		
62) 4-Bromofluorobenzene	12.581	95	2075	66.799	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 133.600%		
Target Compounds						
						Qvalue
3) Chloromethane	2.140	50	213	3.944	ug/l	# 37
10) Methyl Iodide	4.187	142	53	6.207	ug/l	# 43
20) Methylene Chloride	4.805	84	148	Below Cal	#	18
38) Carbon Tetrachloride	7.887	117	59	1.389	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	767	35.654	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.575	75	767	87.710	ug/l	# 17

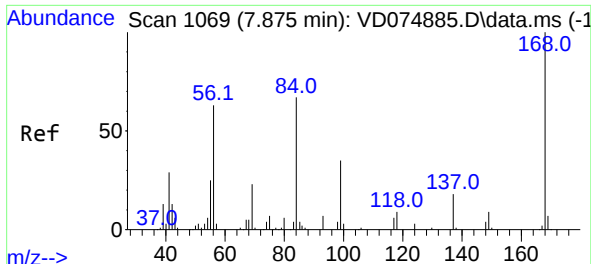
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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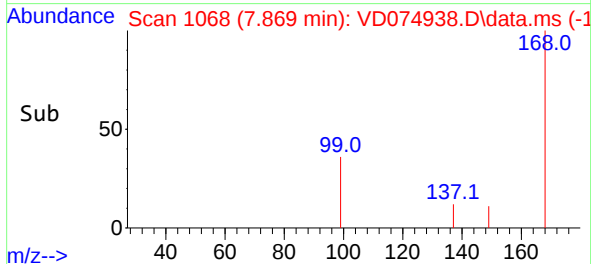
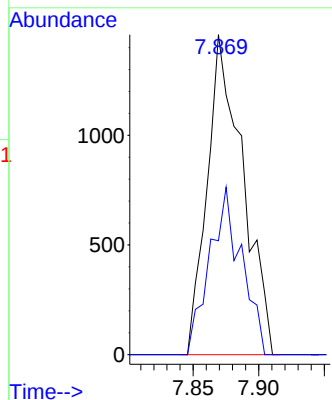
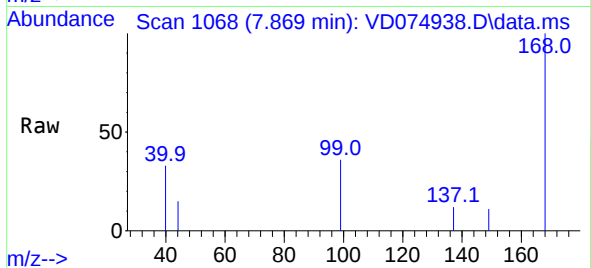




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

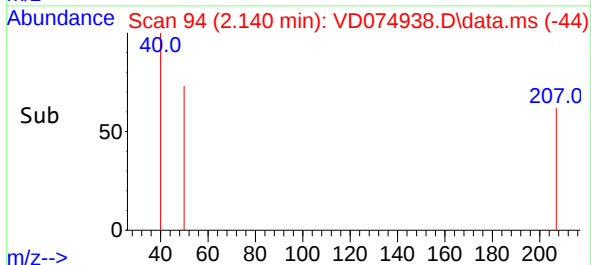
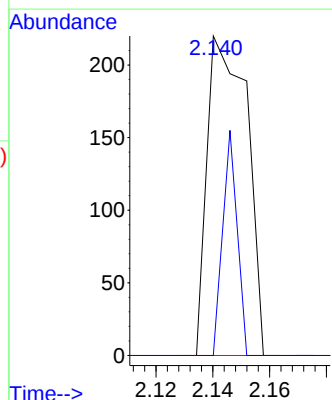
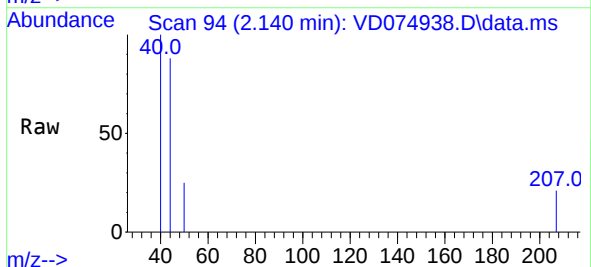
Instrument :
MSVOA_D
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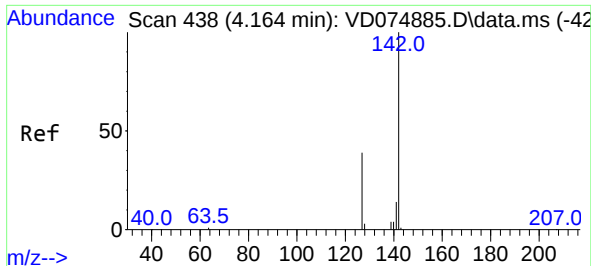
Tgt Ion:168 Resp: 2750
Ion Ratio Lower Upper
168 100
99 35.6 40.9 61.3#



#3
Chloromethane
Concen: 3.944 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Tgt Ion: 50 Resp: 213
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

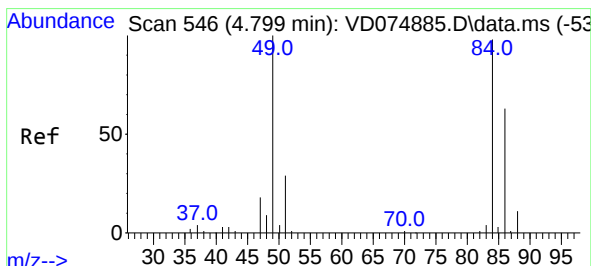
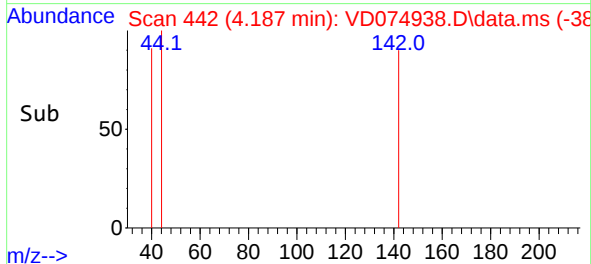
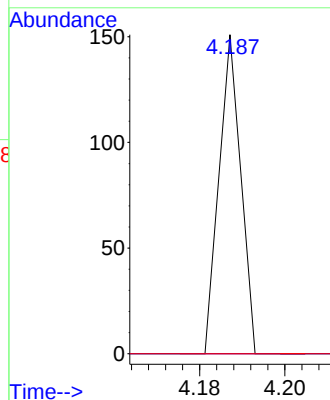
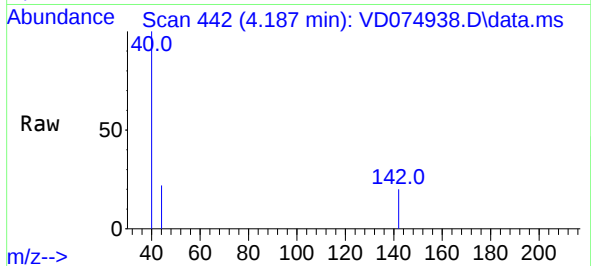




#10
Methyl Iodide
Concen: 6.207 ug/l
RT: 4.187 min Scan# 44
Delta R.T. 0.023 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

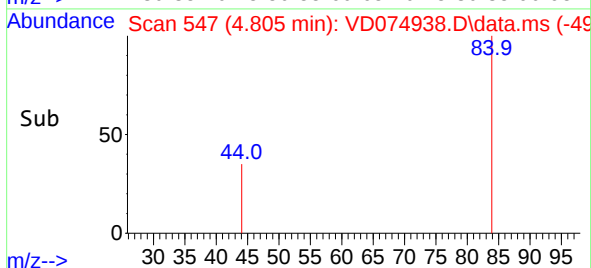
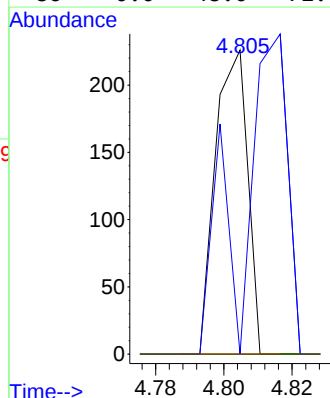
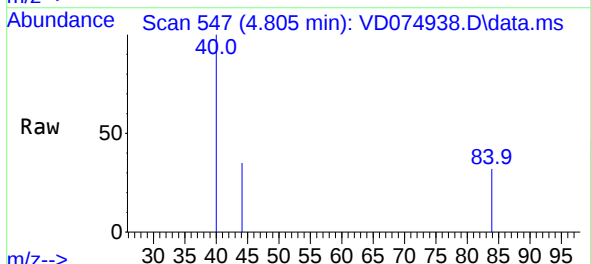
Instrument :
MSVOA_D
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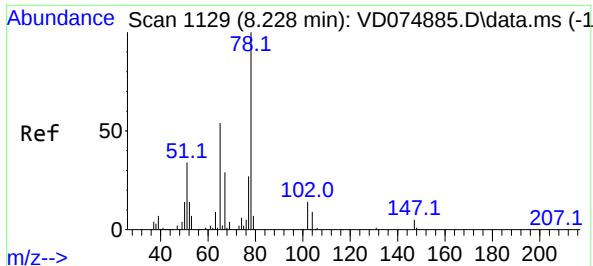
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Tgt Ion: 84 Resp: 148
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

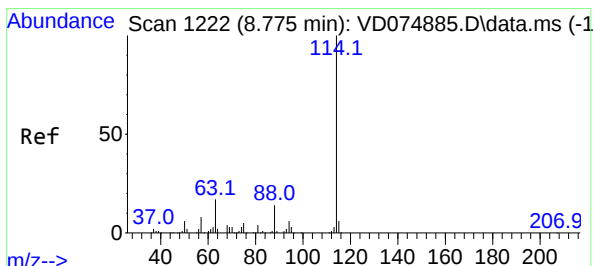
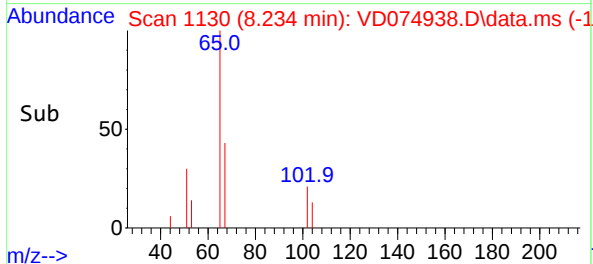
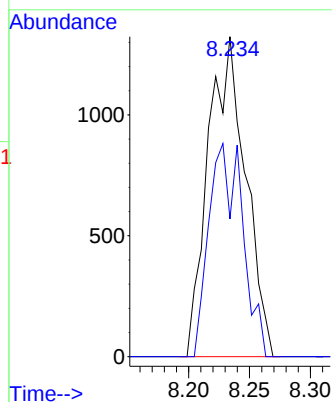
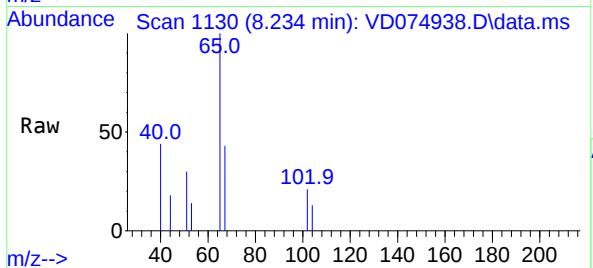




#33
1,2-Dichloroethane-d4
Concen: 169.160 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

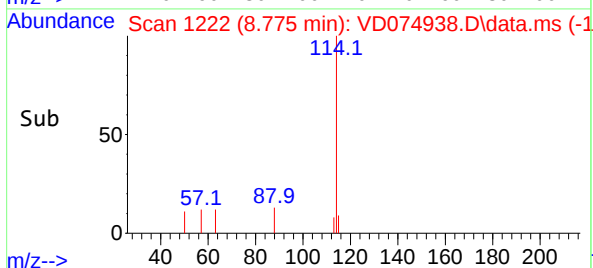
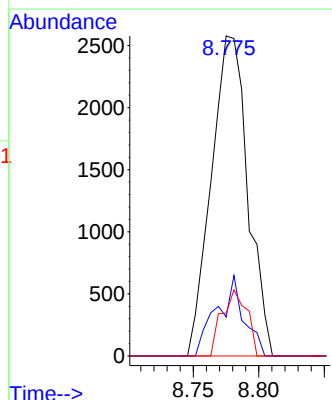
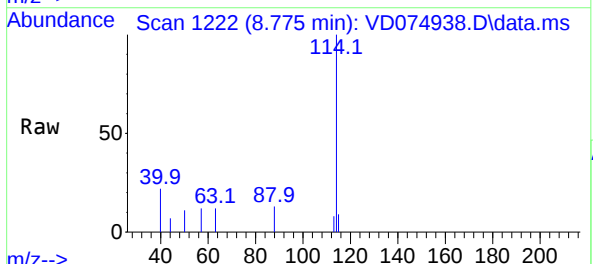
Instrument :
MSVOA_D
ClientSampleId :
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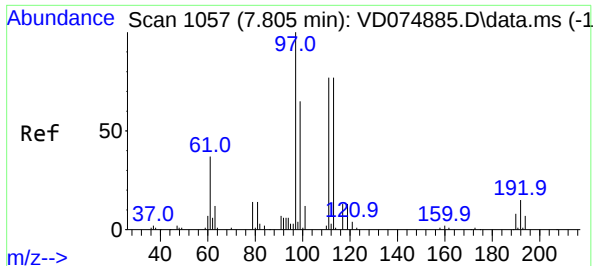
Tgt Ion: 65 Resp: 2833
Ion Ratio Lower Upper
65 100
67 59.6 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Tgt Ion: 114 Resp: 4982
Ion Ratio Lower Upper
114 100
63 12.2 0.0 33.2
88 13.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 76.684 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074938.D

Acq: 14 Nov 2022 16:50

Instrument :

MSVOA_D

ClientSampleId :

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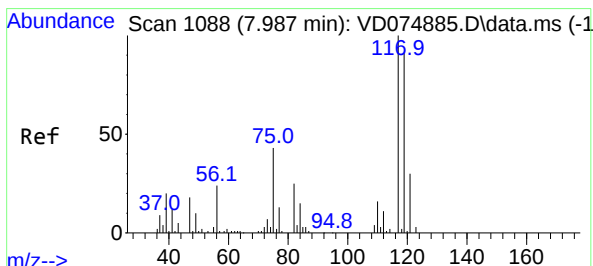
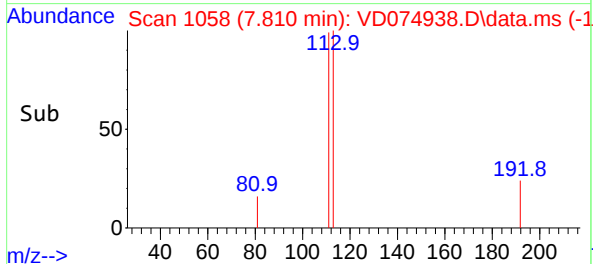
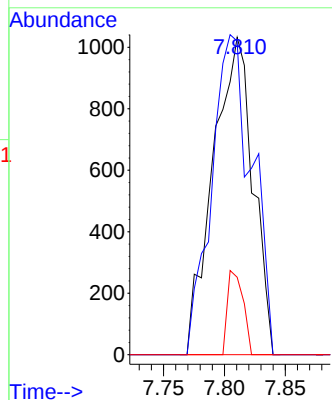
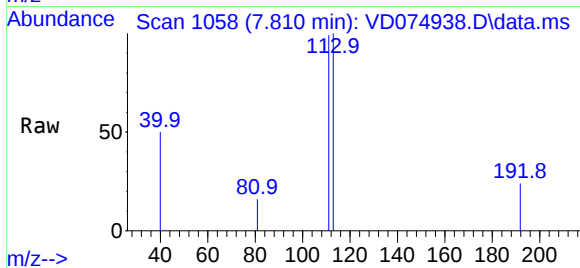
Tgt Ion:113 Resp: 2355

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 10.4 16.4 24.6#



#38

Carbon Tetrachloride

Concen: 1.389 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.100 min

Lab File: VD074938.D

Acq: 14 Nov 2022 16:50

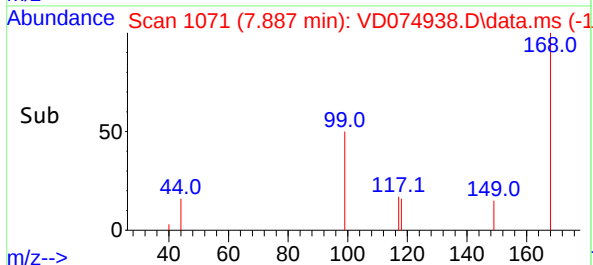
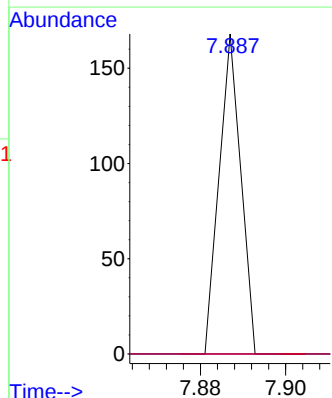
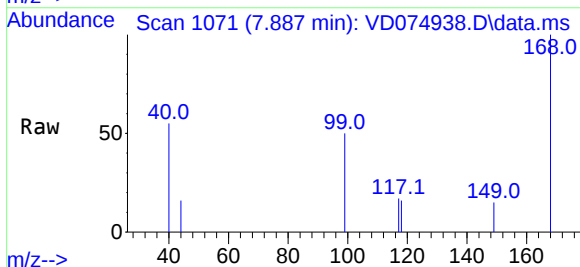
Tgt Ion:117 Resp: 59

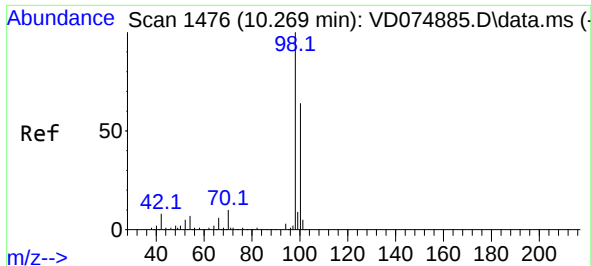
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

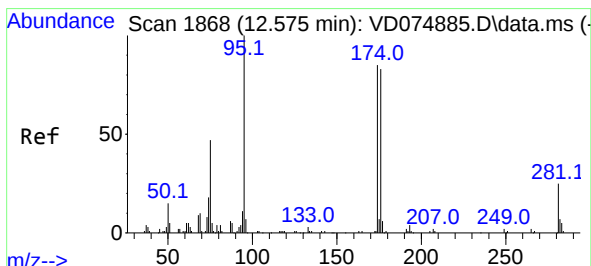
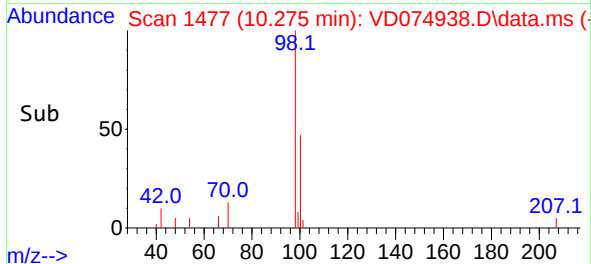
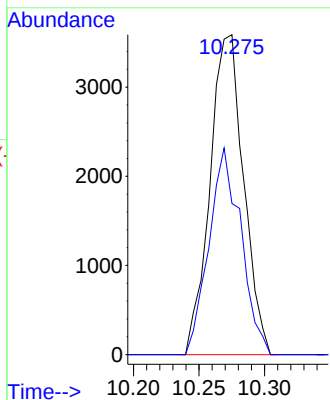
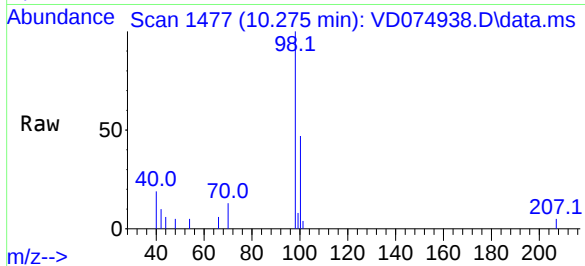




#50
Toluene-d8
Concen: 63.245 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

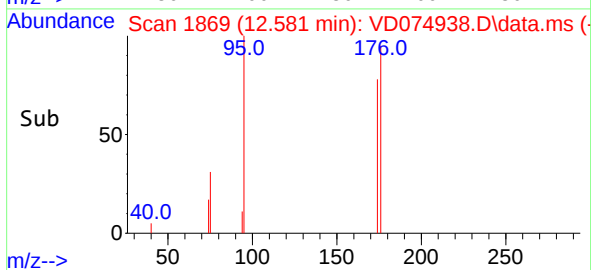
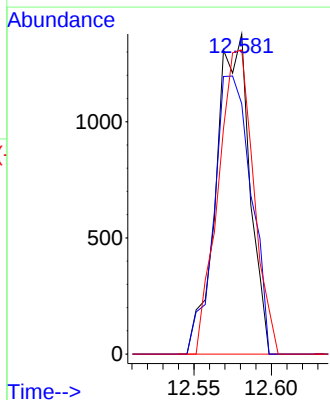
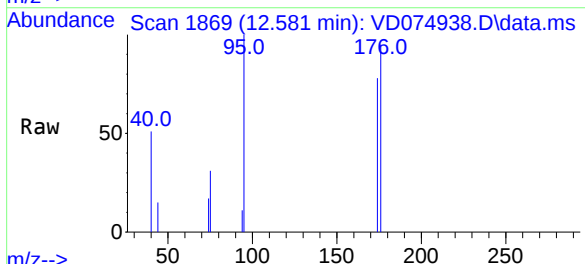
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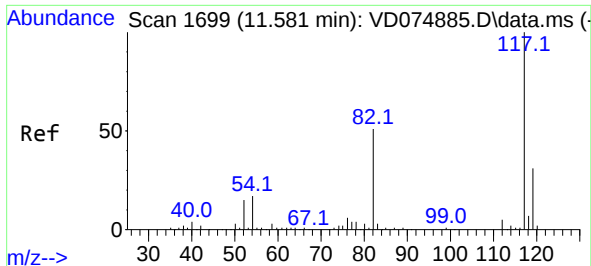
Tgt Ion: 98 Resp: 6398
Ion Ratio Lower Upper
98 100
100 61.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 66.799 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Tgt Ion: 95 Resp: 2075
Ion Ratio Lower Upper
95 100
174 96.2 0.0 197.0
176 100.1 0.0 182.6

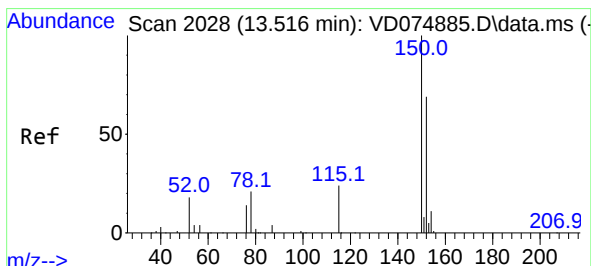
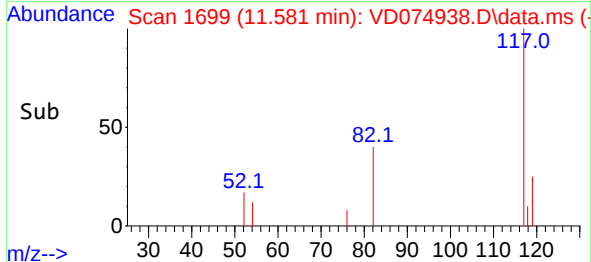
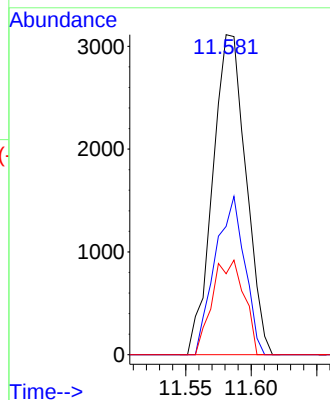
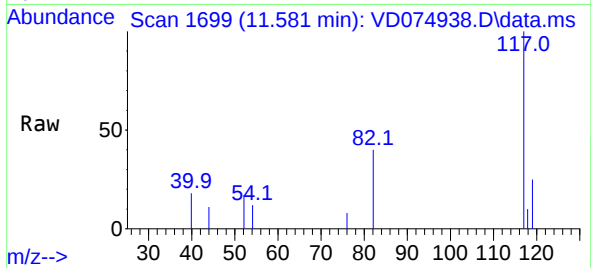




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

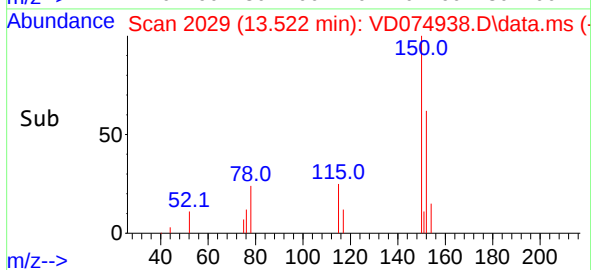
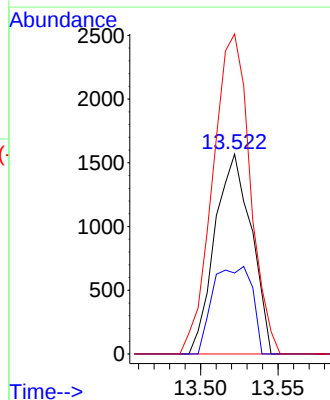
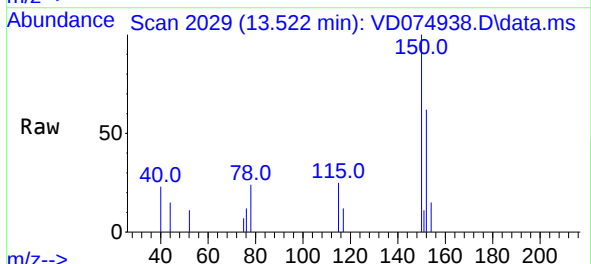
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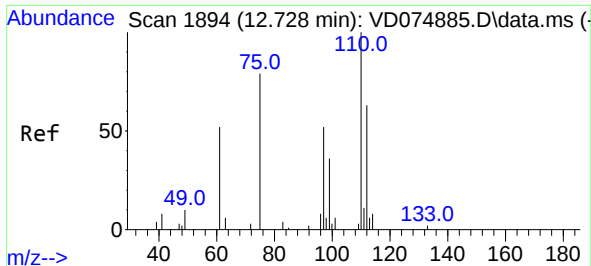
Tgt Ion:117 Resp: 5492
Ion Ratio Lower Upper
117 100
82 40.1 41.6 62.4#
119 25.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Tgt Ion:152 Resp: 2572
Ion Ratio Lower Upper
152 100
115 46.9 26.8 80.4
150 163.5 0.0 348.2

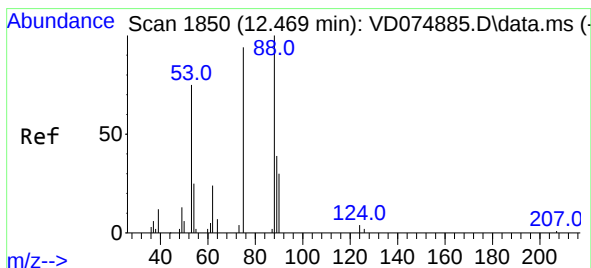
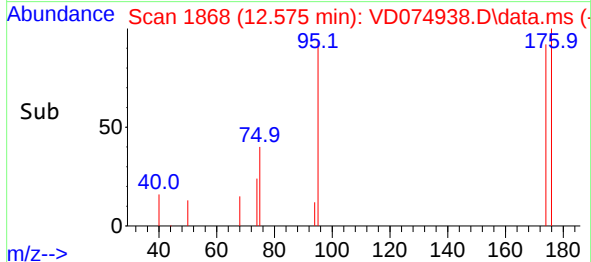
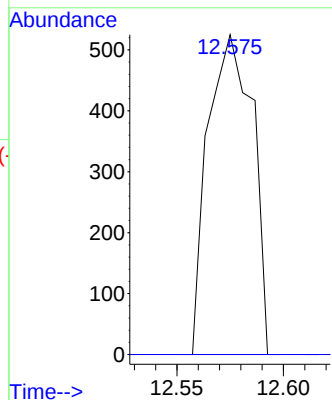
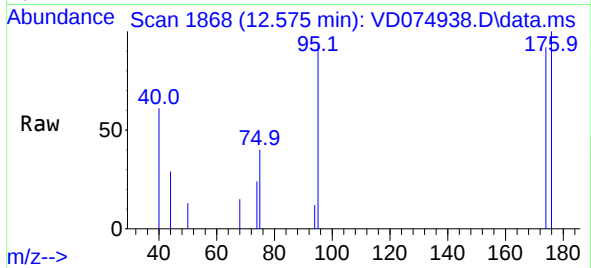




#76
1,2,3-Trichloropropane
Concen: 35.654 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.710 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074938.D
Acq: 14 Nov 2022 16:50

Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

