

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071598.D
 Acq On : 04 Jan 2022 17:35
 Operator : VA/SY
 Sample : M5338-06
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(9.5-10)

Quant Time: Jan 05 01:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

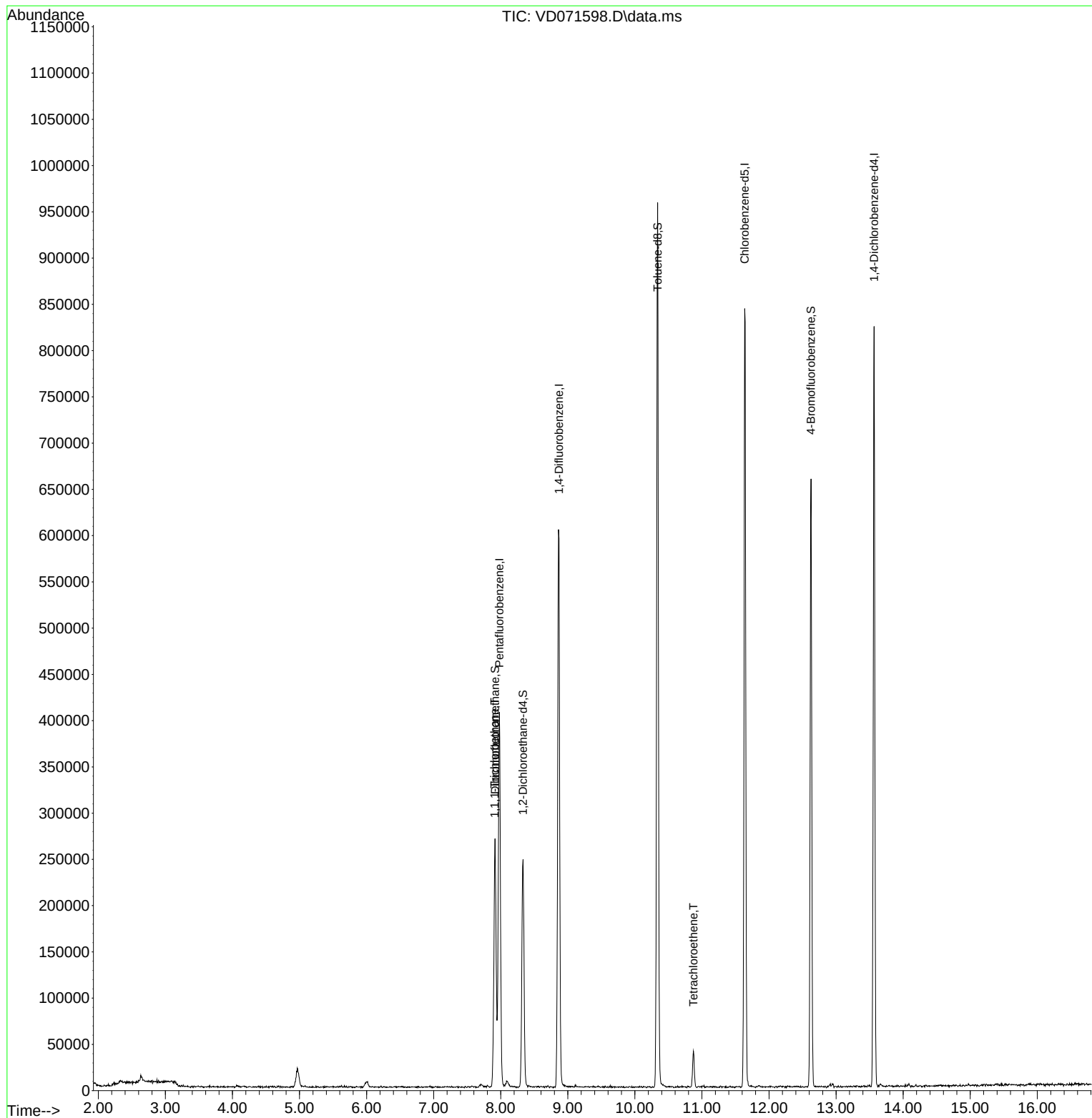
Internal Standards						
1) Pentafluorobenzene	7.979	168	272018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	482690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	444786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	195670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	203940	56.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.900%
35) Dibromofluoromethane	7.914	113	167360	51.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.180%
50) Toluene-d8	10.338	98	618265	50.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.626	95	195268	44.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.640%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	7.909	97	15984	2.855	ug/l	# 92
64) Tetrachloroethene	10.873	164	7949	2.572	ug/l	90

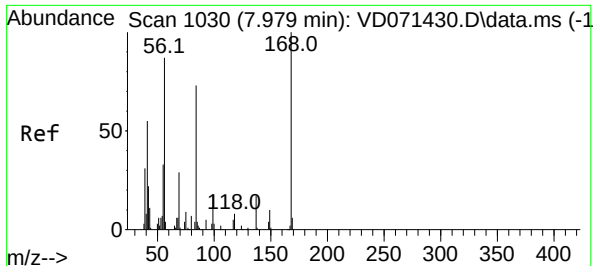
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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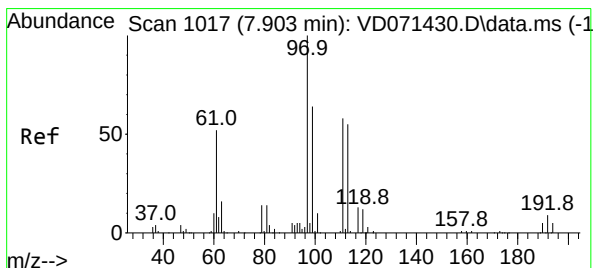
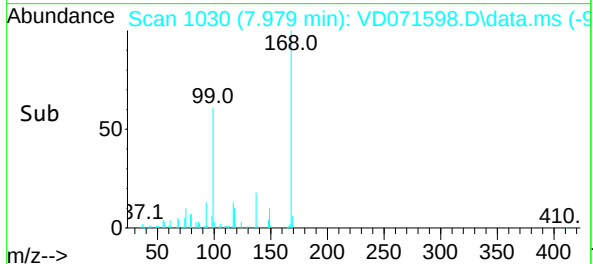
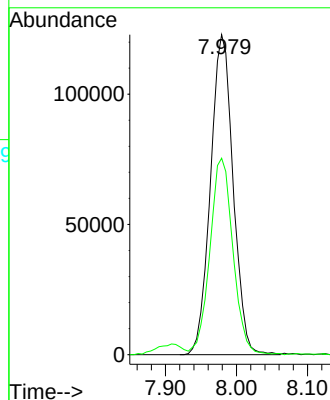
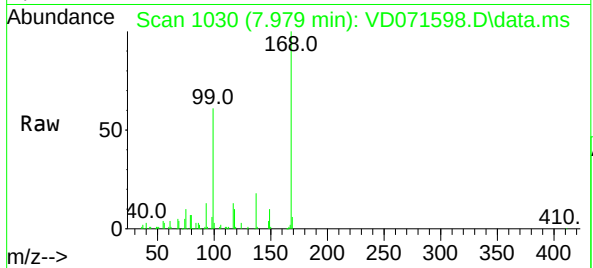




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

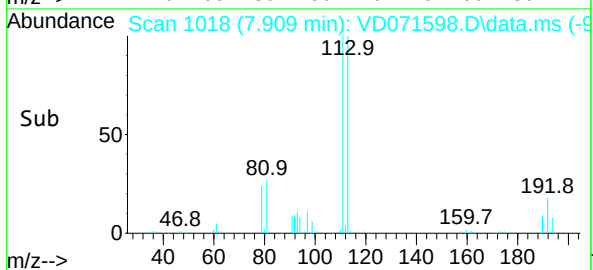
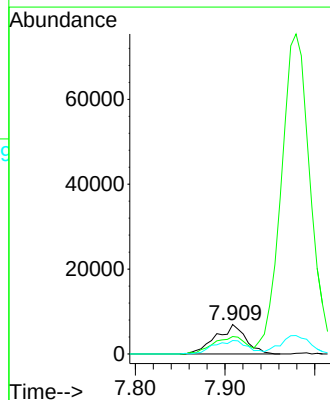
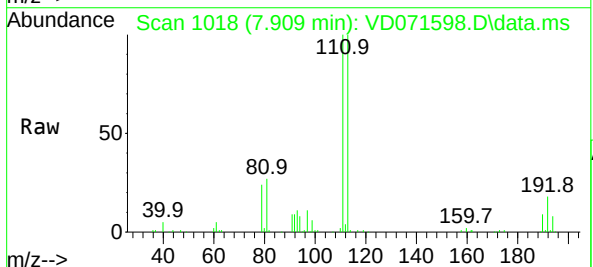
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10)

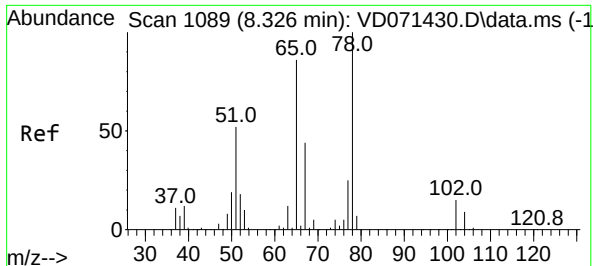
Tgt Ion:168 Resp: 272018
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#32
1,1,1-Trichloroethane
Concen: 2.855 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Tgt Ion: 97 Resp: 15984
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 51.9 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 56.452 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

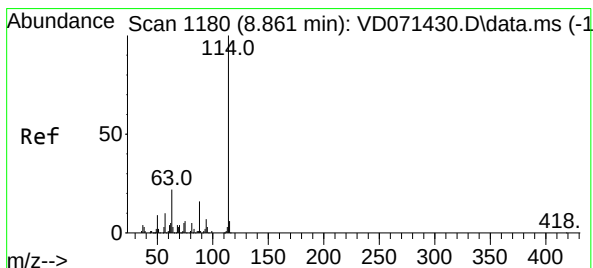
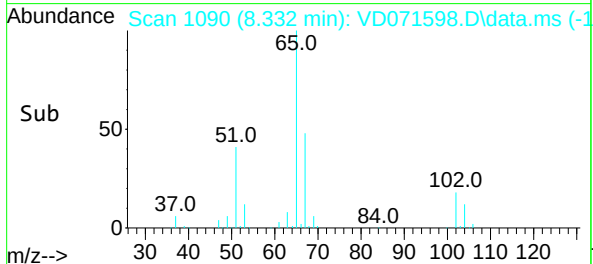
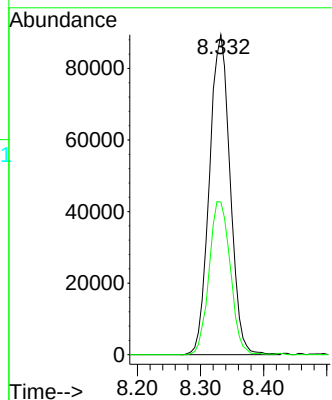
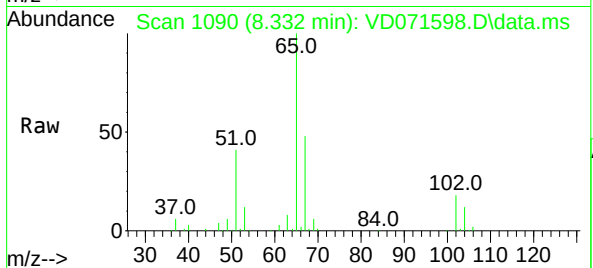
SB-6-(9.5-10)

Tgt Ion: 65 Resp: 203940

Ion Ratio Lower Upper

65 100

67 49.0 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

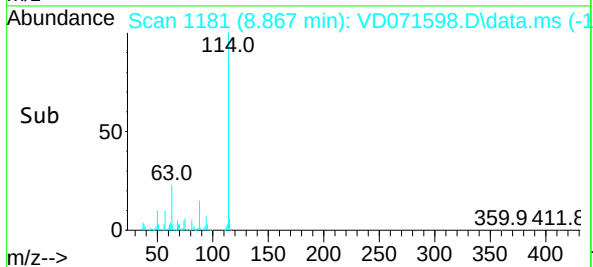
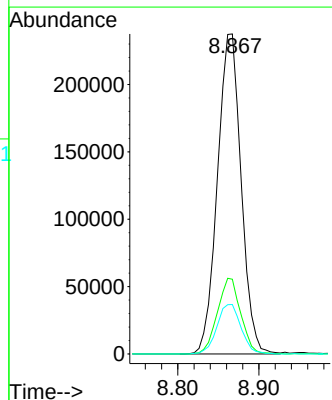
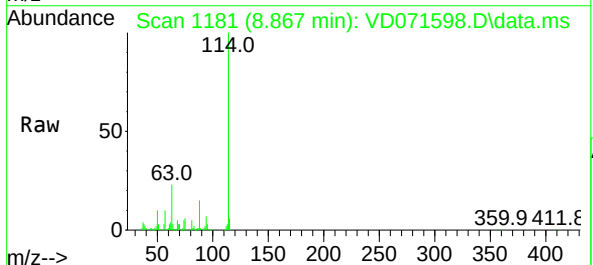
Tgt Ion: 114 Resp: 482690

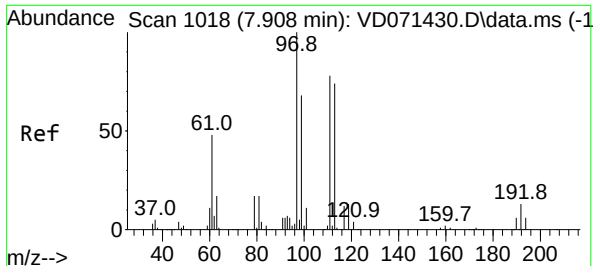
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.590 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

SB-6-(9.5-10)

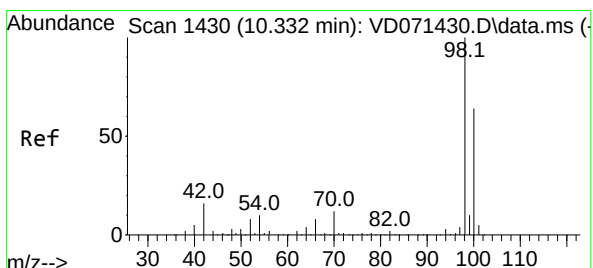
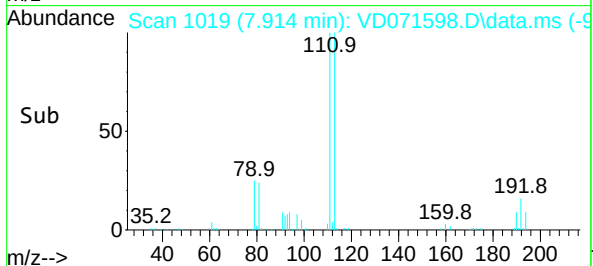
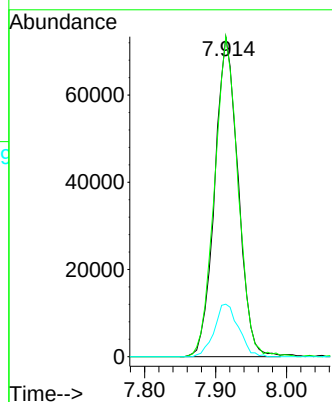
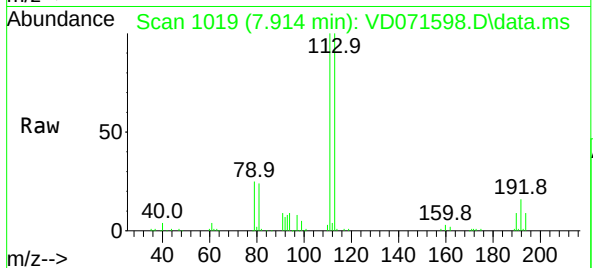
Tgt Ion:113 Resp: 167360

Ion Ratio Lower Upper

113 100

111 100.9 82.0 123.0

192 17.0 15.2 22.8



#50

Toluene-d8

Concen: 50.432 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD071598.D

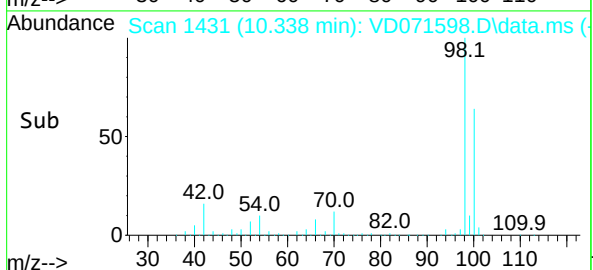
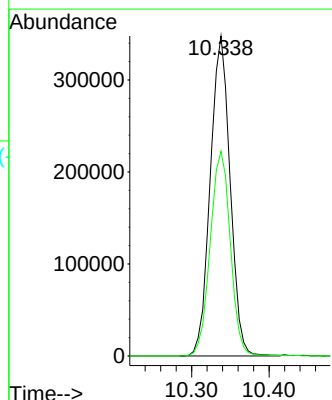
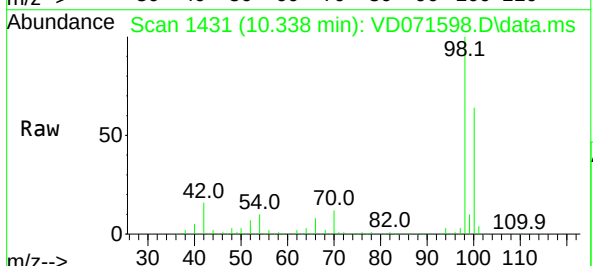
Acq: 04 Jan 2022 17:35

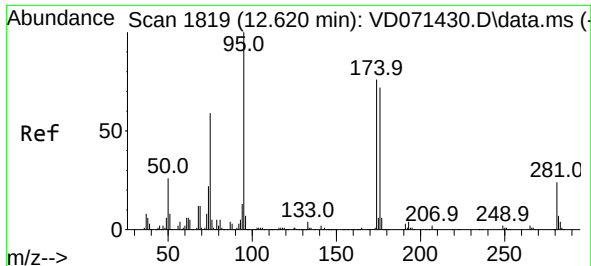
Tgt Ion: 98 Resp: 618265

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

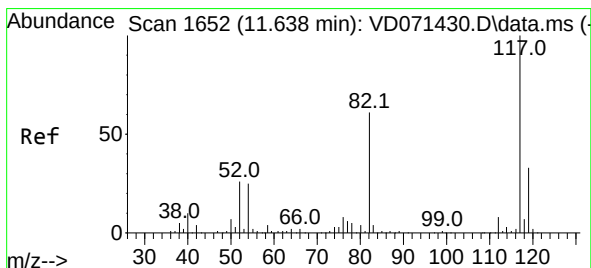
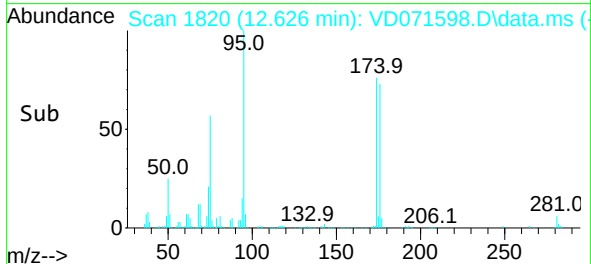
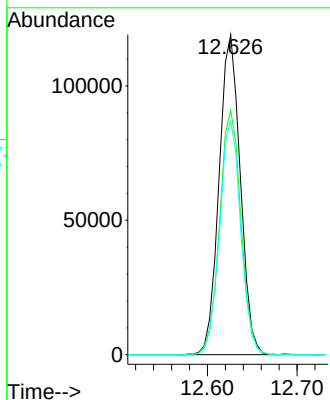
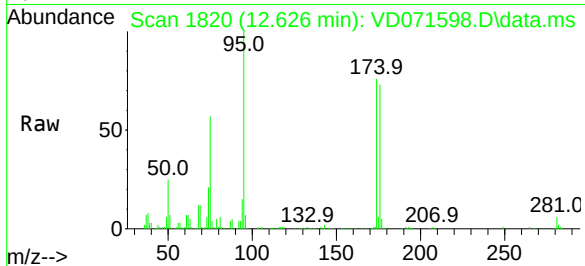




#62
4-Bromofluorobenzene
Concen: 44.824 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

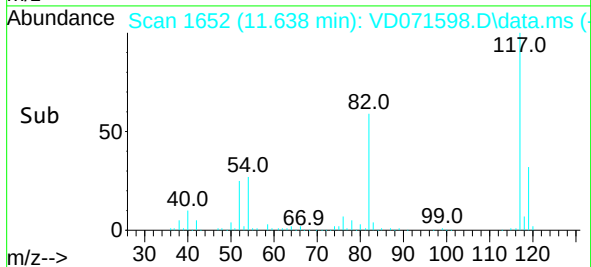
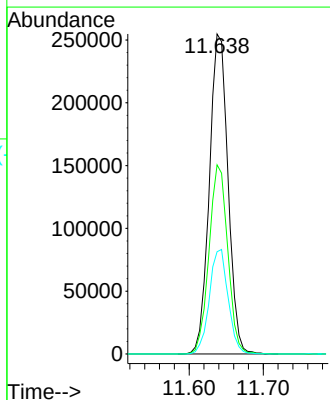
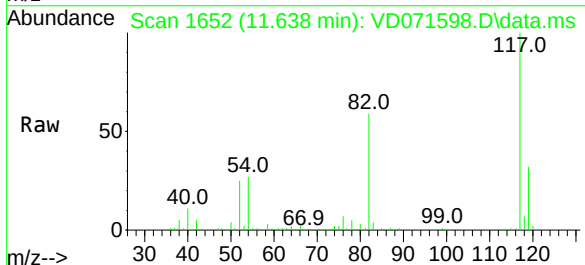
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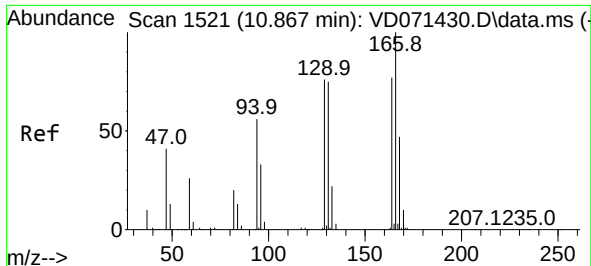
Tgt Ion: 95 Resp: 195268
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 72.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Tgt Ion: 117 Resp: 444786
Ion Ratio Lower Upper
117 100
82 59.1 44.7 67.1
119 31.9 26.2 39.4

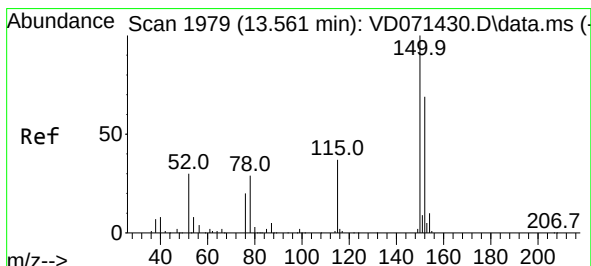
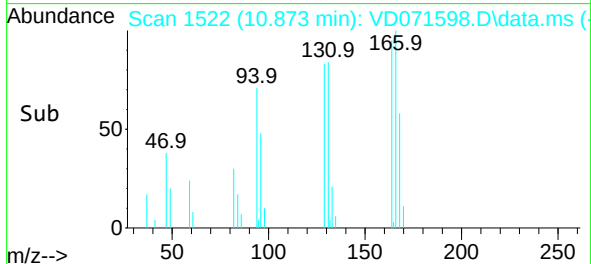
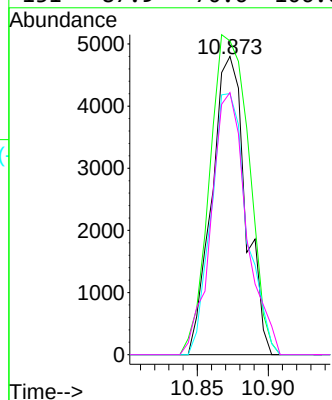
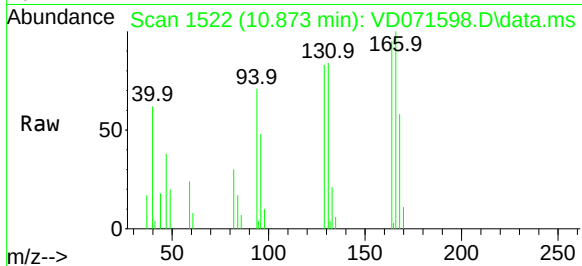




#64
Tetrachloroethene
Concen: 2.572 ug/l
RT: 10.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10)

Tgt Ion:164	Resp:	7949	
Ion	Ratio	Lower	Upper
164	100		
166	105.2	102.6	153.8
129	87.5	75.4	113.0
131	87.9	70.6	106.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Tgt Ion:152	Resp:	195670	
Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.8	89.3
150	156.3	0.0	349.2

