

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072522.D
 Acq On : 04 Apr 2022 16:51
 Operator : VA/SY
 Sample : N2226-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PFS-TP

Quant Time: Apr 05 03:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

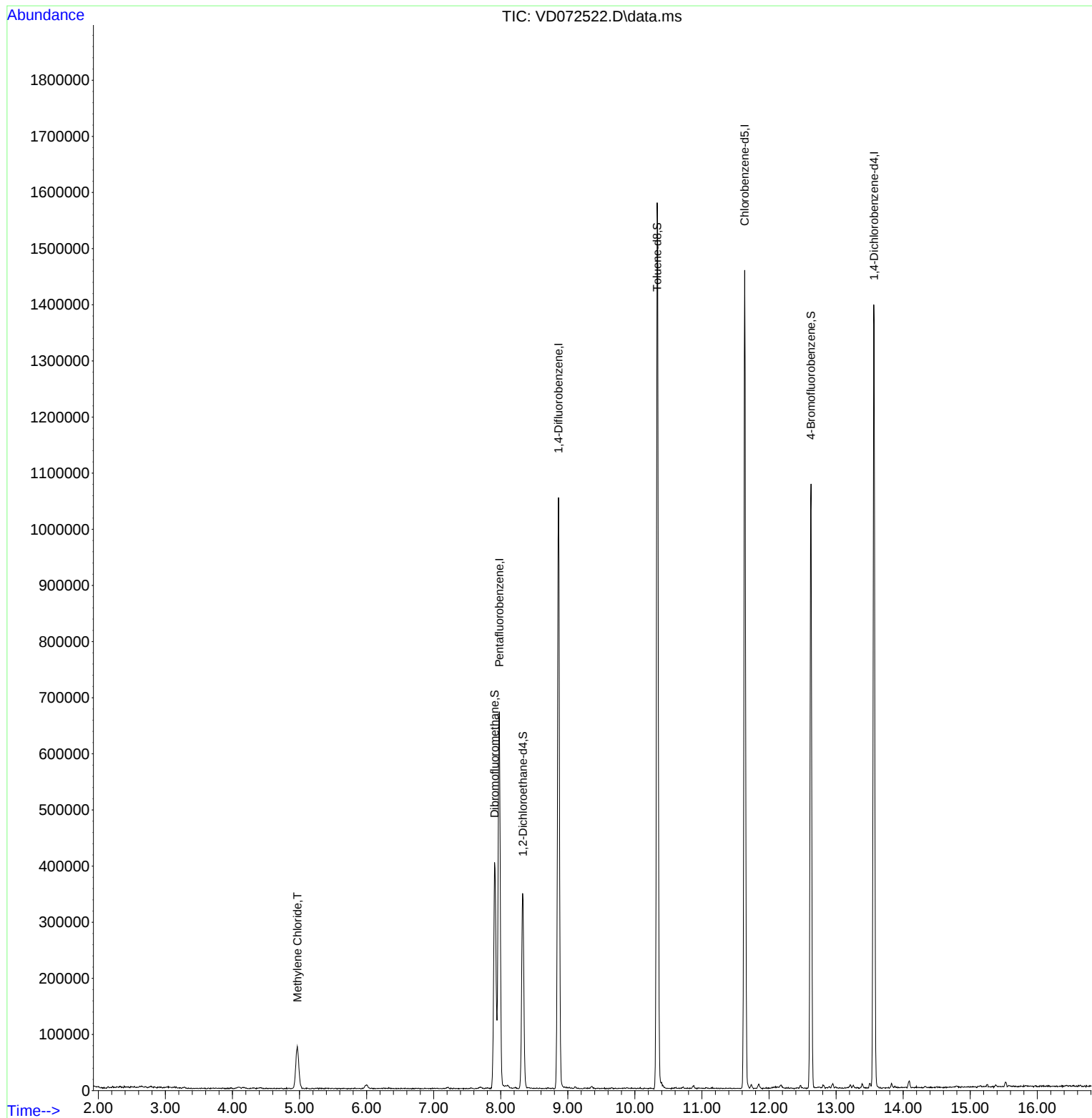
Internal Standards						
1) Pentafluorobenzene	7.979	168	493629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	908113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	848005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	380721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	283947	47.551	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.909	113	294524	41.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.460%		
50) Toluene-d8	10.332	98	1099198	44.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.626	95	370517	38.673	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.340%		
Target Compounds						Qvalue
20) Methylene Chloride	4.967	84	59905	9.037	ug/l #	85

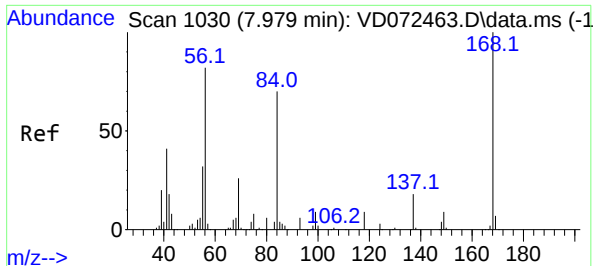
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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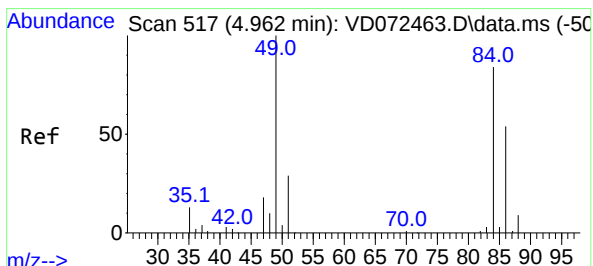
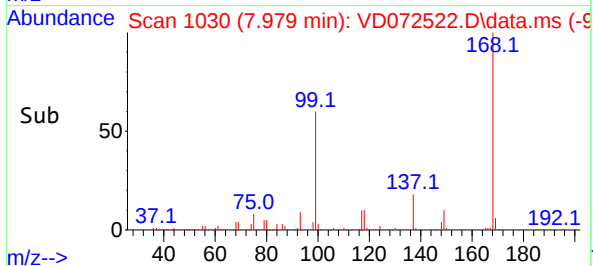
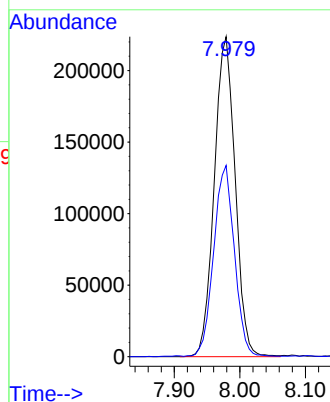
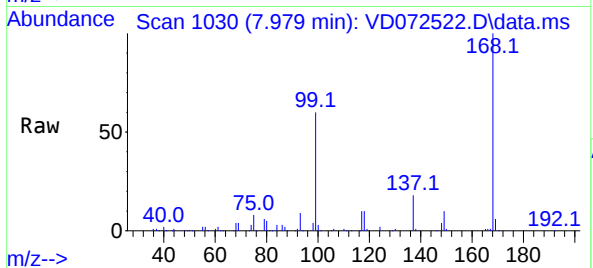




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

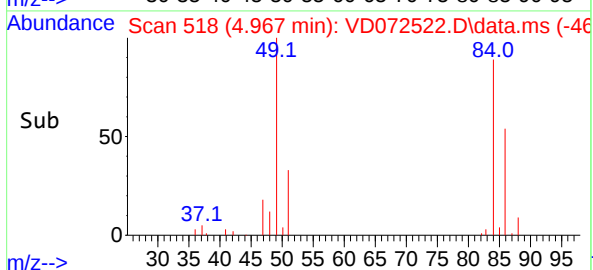
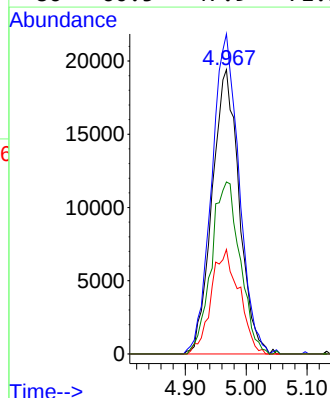
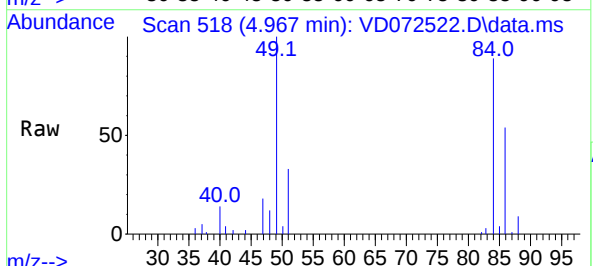
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

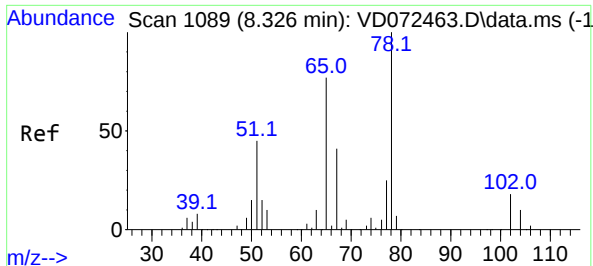
Tgt Ion:168 Resp: 493629
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#20
Methylene Chloride
Concen: 9.037 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 84 Resp: 59905
Ion Ratio Lower Upper
84 100
49 112.6 112.8 169.2#
51 36.8 32.6 48.8
86 60.5 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 47.551 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072522.D

Acq: 04 Apr 2022 16:51

Instrument :

MSVOA_D

ClientSampleId :

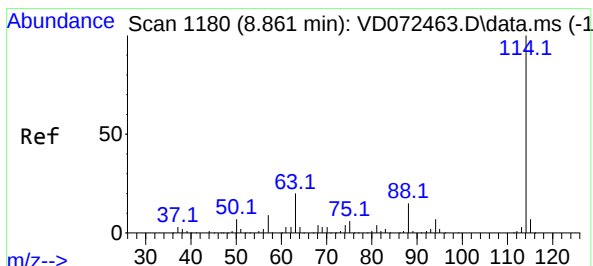
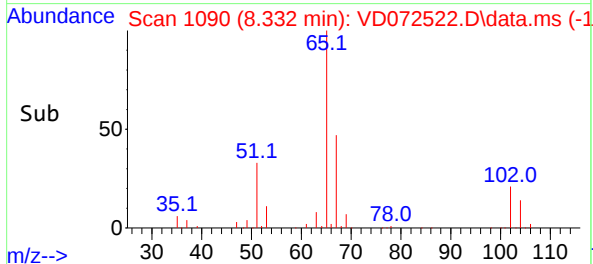
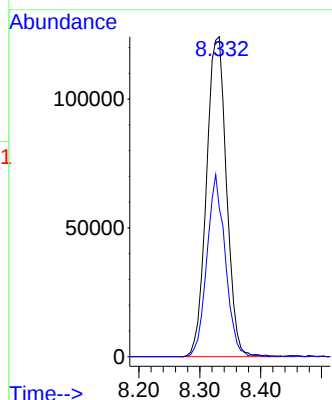
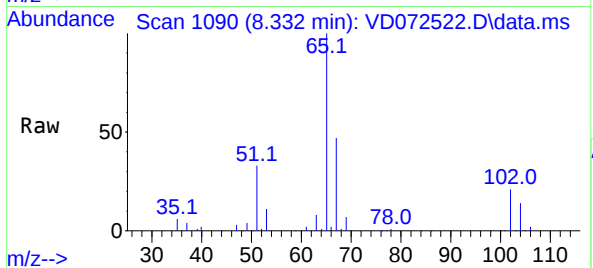
PFS-TP

Tgt Ion: 65 Resp: 283947

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072522.D

Acq: 04 Apr 2022 16:51

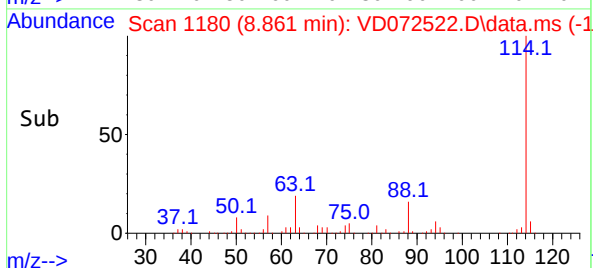
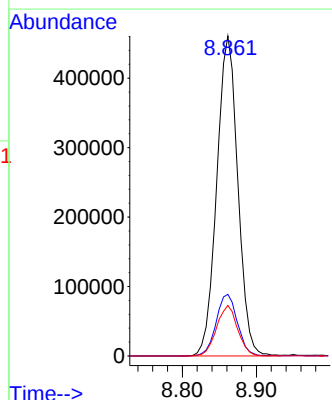
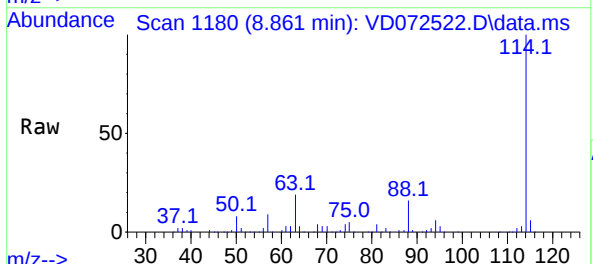
Tgt Ion: 114 Resp: 908113

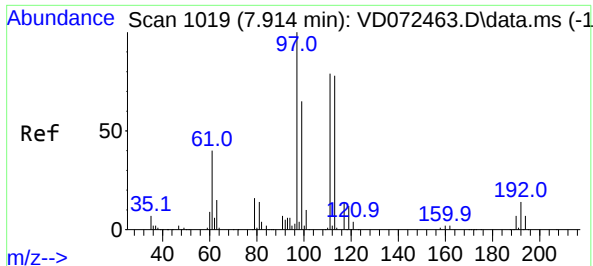
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.8 0.0 33.2

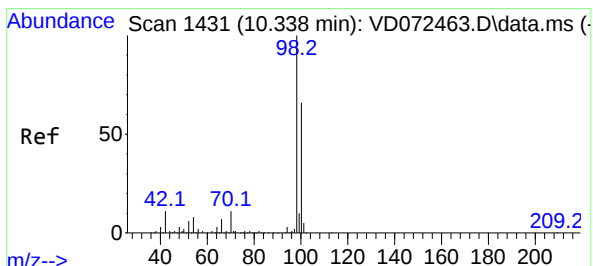
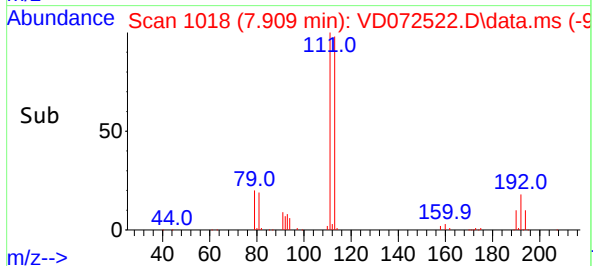
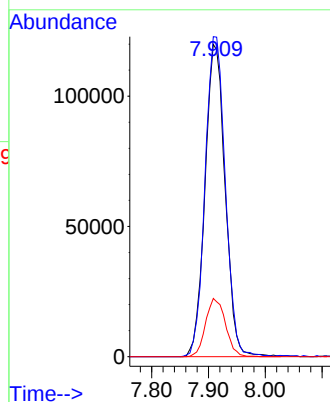
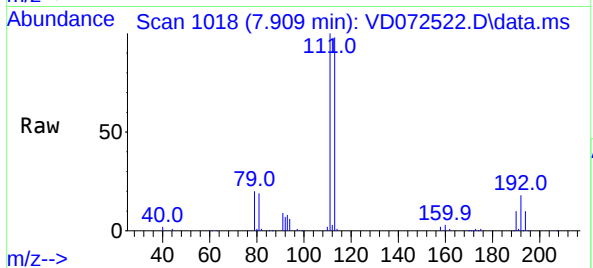




#35
Dibromofluoromethane
Concen: 41.733 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

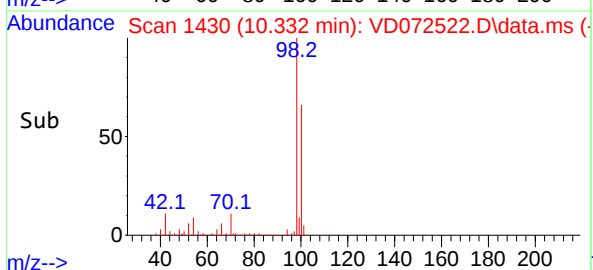
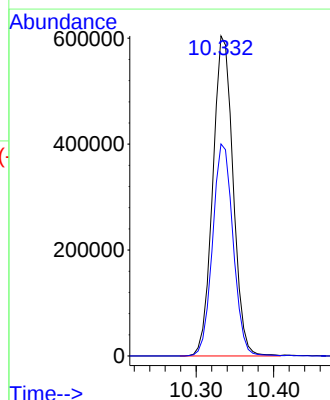
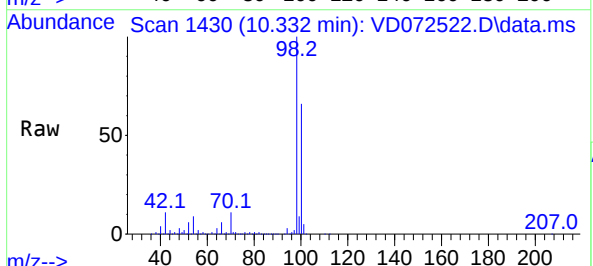
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

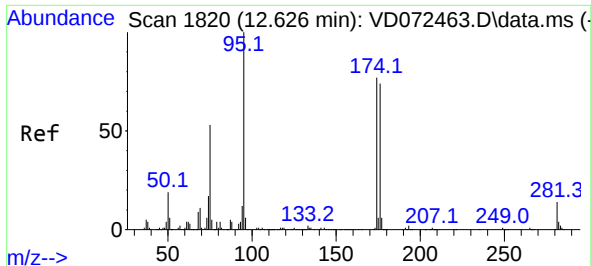
Tgt Ion:113 Resp: 294524
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 44.807 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 98 Resp: 1099198
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

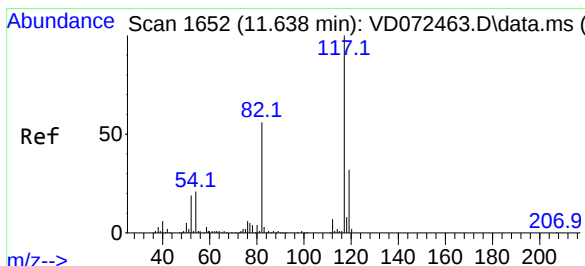
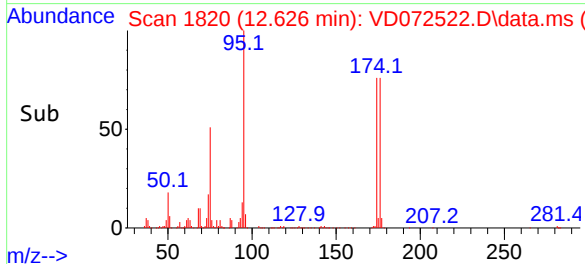
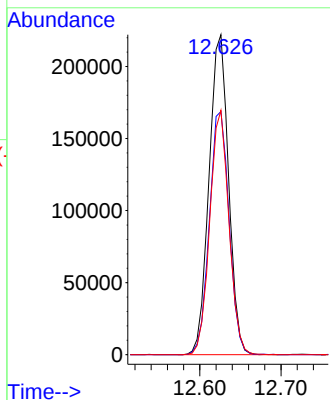
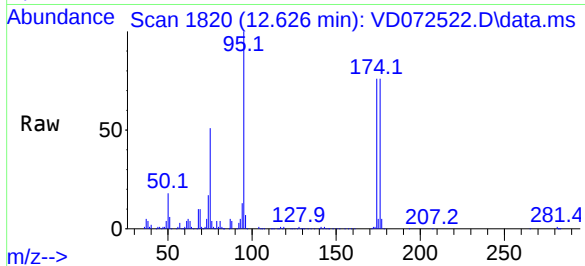




#62
4-Bromofluorobenzene
Concen: 38.673 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

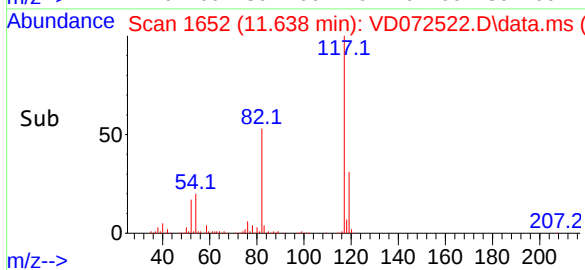
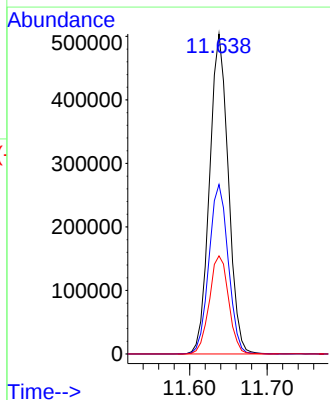
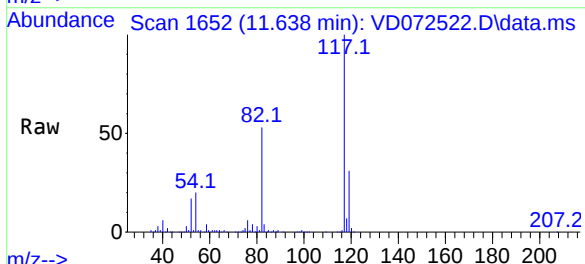
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

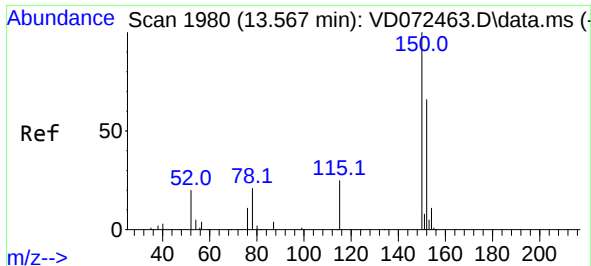
Tgt Ion: 95 Resp: 370517
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 117 Resp: 848005
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 30.7 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD072522.D

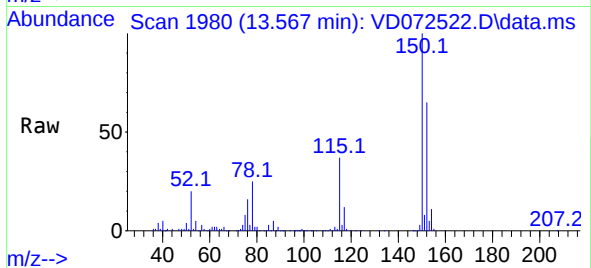
Acq: 04 Apr 2022 16:51

Instrument :

MSVOA_D

ClientSampleId :

PFS-TP



Tgt Ion:152 Resp: 380721

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 156.9 0.0 348.6

