

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071717.D
 Acq On : 13 Jan 2022 18:40
 Operator : VA/SY
 Sample : N1136-01
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S

Quant Time: Jan 14 04:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

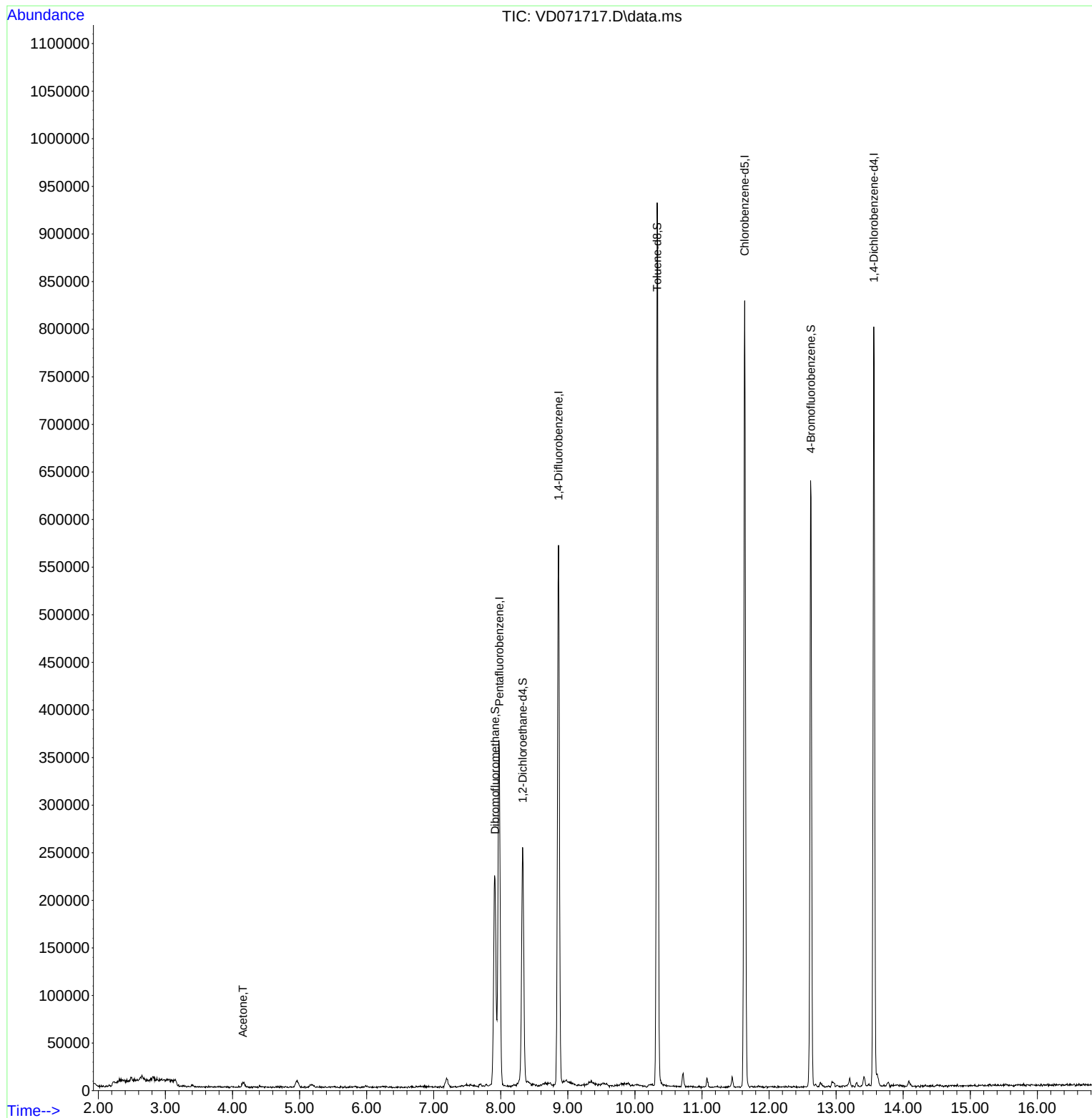
Internal Standards						
1) Pentafluorobenzene	7.979	168	248582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	447228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	438413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198614	62.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.200%	
35) Dibromofluoromethane	7.914	113	159689	54.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.332	98	584082	52.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	12.626	95	188106	48.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.500%	
Target Compounds						
16) Acetone	4.156	43	9409	12.741	ug/l	Qvalue 91

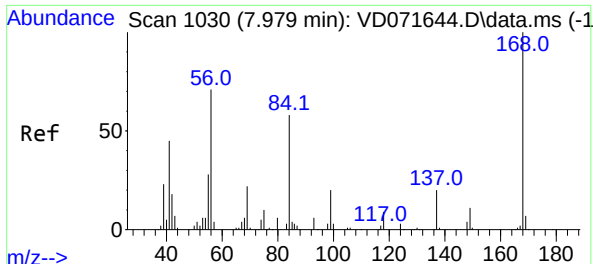
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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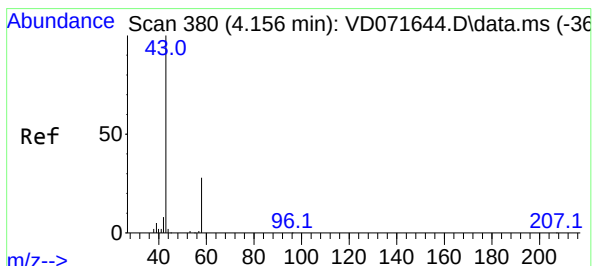
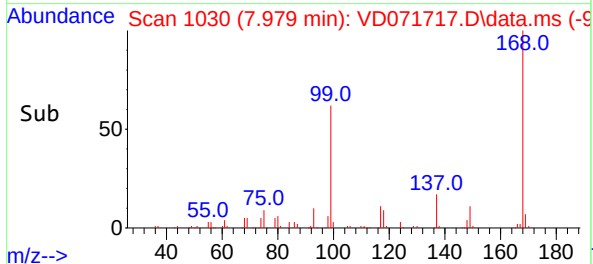
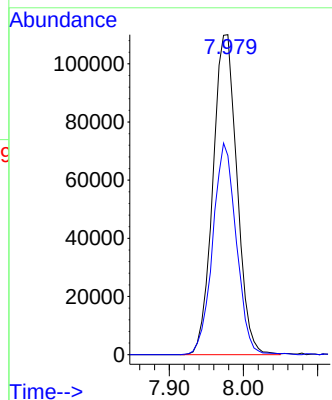
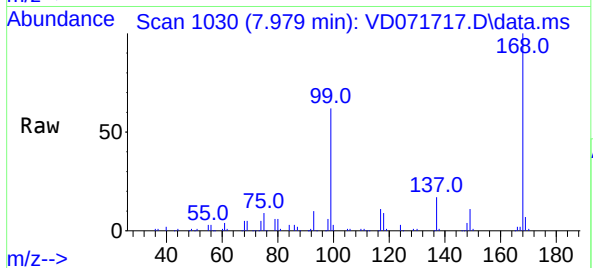




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

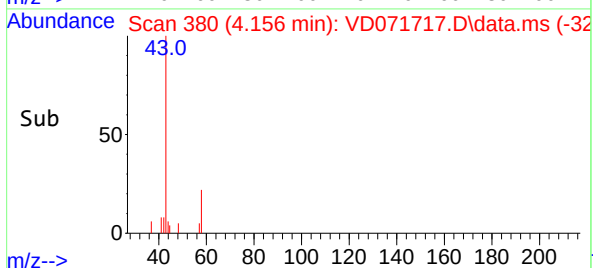
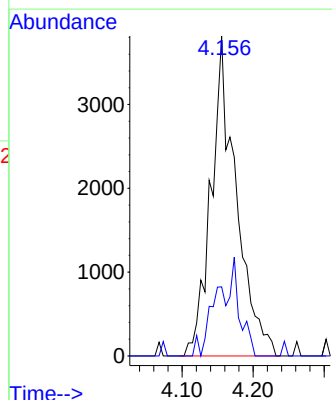
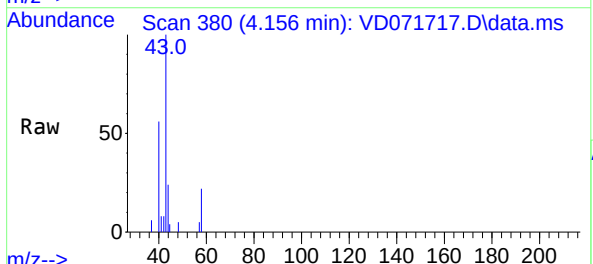
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

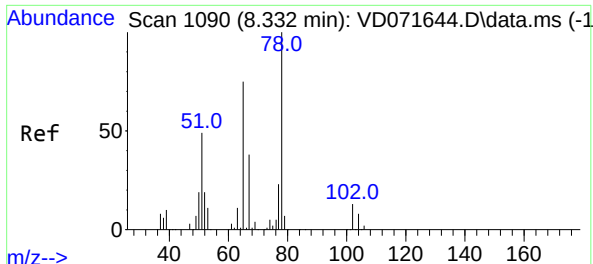
Tgt Ion:168 Resp: 248582
Ion Ratio Lower Upper
168 100
99 62.2 51.8 77.6



#16
Acetone
Concen: 12.741 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 43 Resp: 9409
Ion Ratio Lower Upper
43 100
58 21.6 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 62.095 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

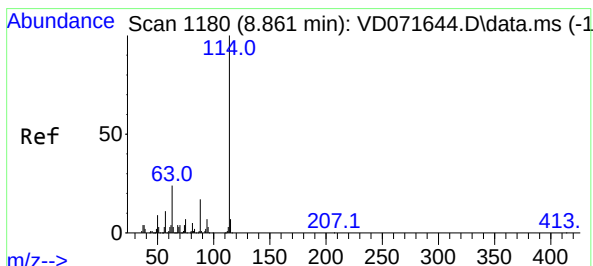
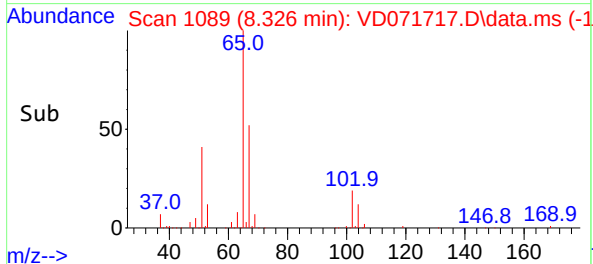
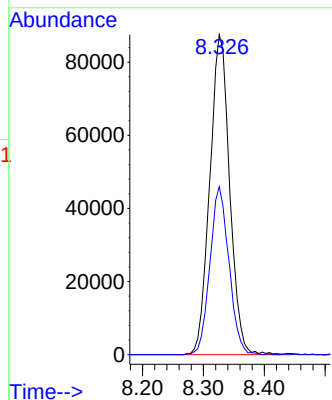
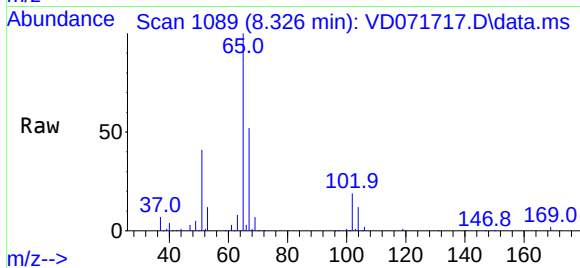
TP-6S

Tgt Ion: 65 Resp: 198614

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

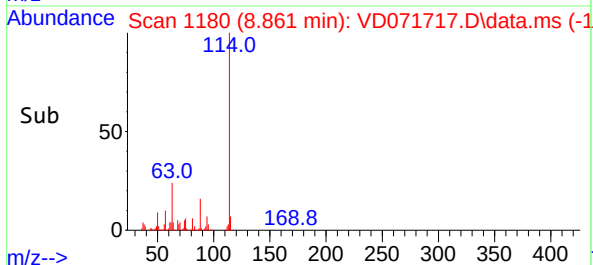
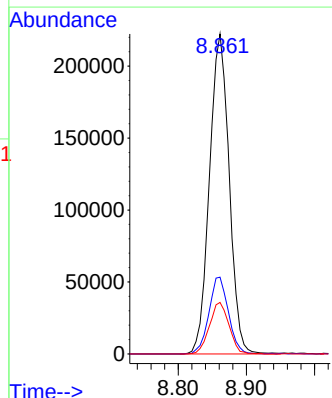
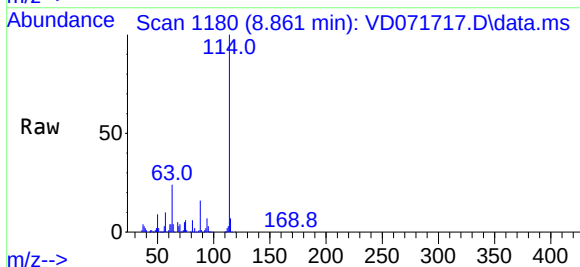
Tgt Ion:114 Resp: 447228

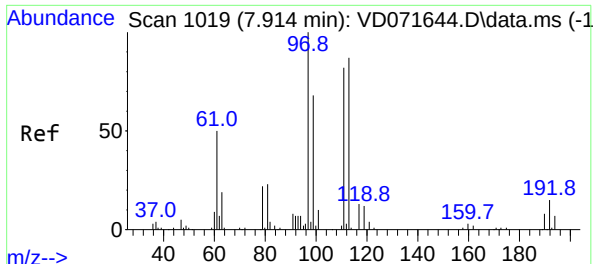
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.2

88 16.1 0.0 32.0

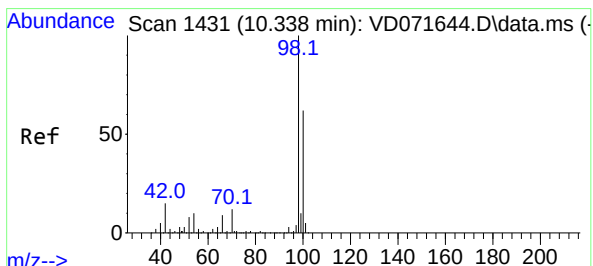
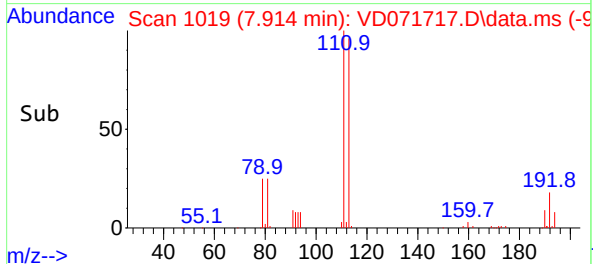
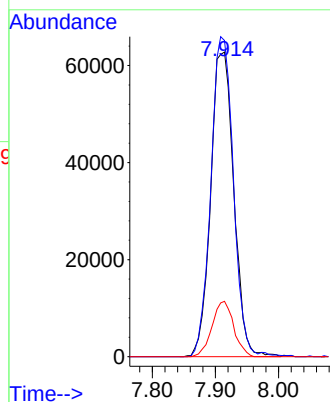
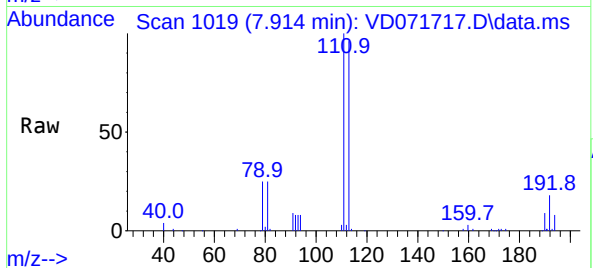




#35
Dibromofluoromethane
Concen: 54.029 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

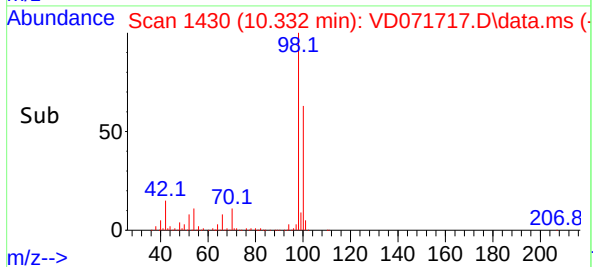
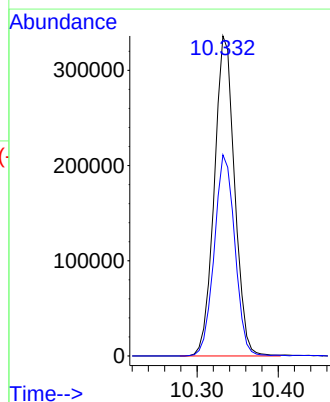
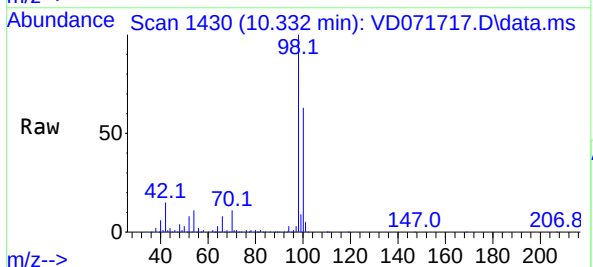
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

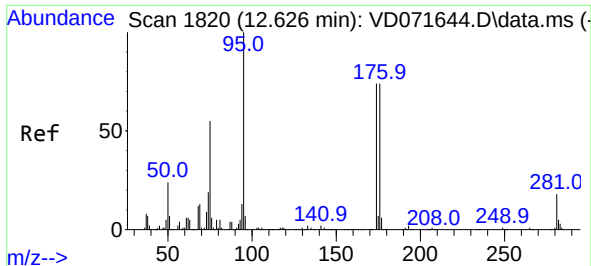
Tgt Ion:113 Resp: 159689
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.0 14.2 21.2



#50
Toluene-d8
Concen: 52.792 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 98 Resp: 584082
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

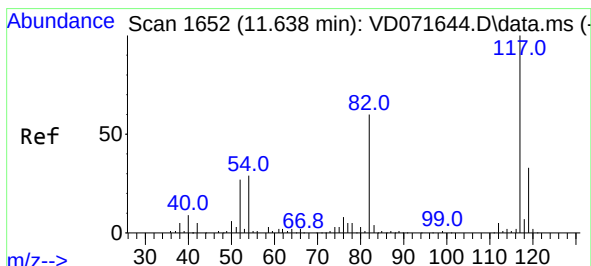
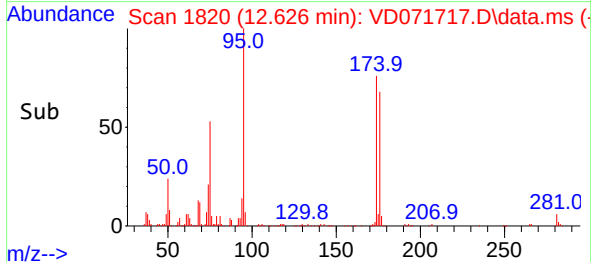
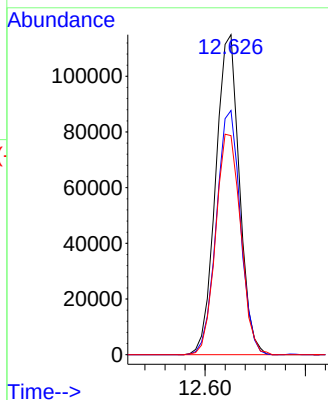
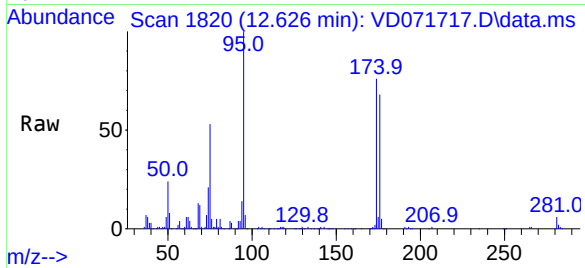




#62
4-Bromofluorobenzene
Concen: 48.249 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

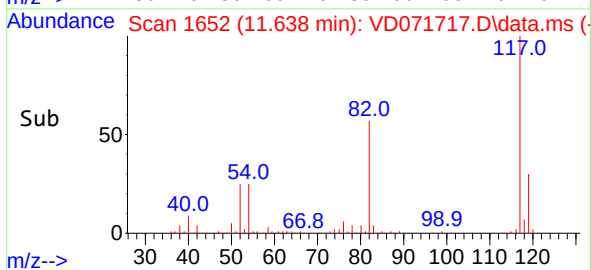
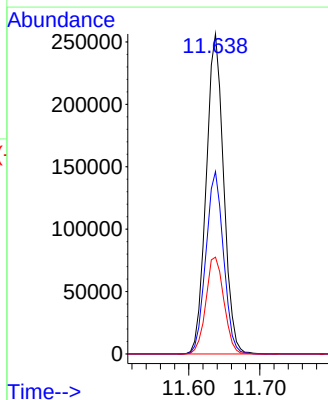
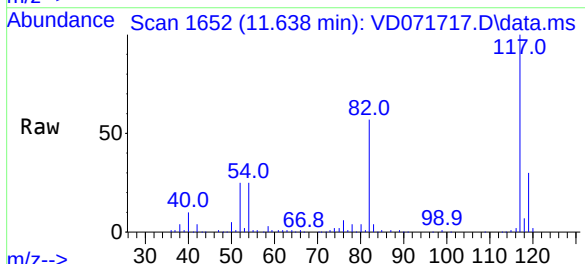
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

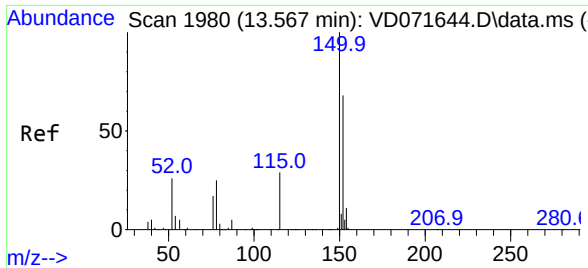
Tgt Ion: 95 Resp: 188106
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.0
176 72.8 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 117 Resp: 438413
Ion Ratio Lower Upper
117 100
82 57.0 46.9 70.3
119 30.2 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD071717.D
 Acq: 13 Jan 2022 18:40

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S

Tgt Ion:152 Resp: 189783

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.5	94.5
150	157.6	0.0	348.0

