

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071716.D
 Acq On : 13 Jan 2022 18:11
 Operator : VA/SY
 Sample : N1112-04
 Misc : 3.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4D

Quant Time: Jan 14 04:07:11 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)

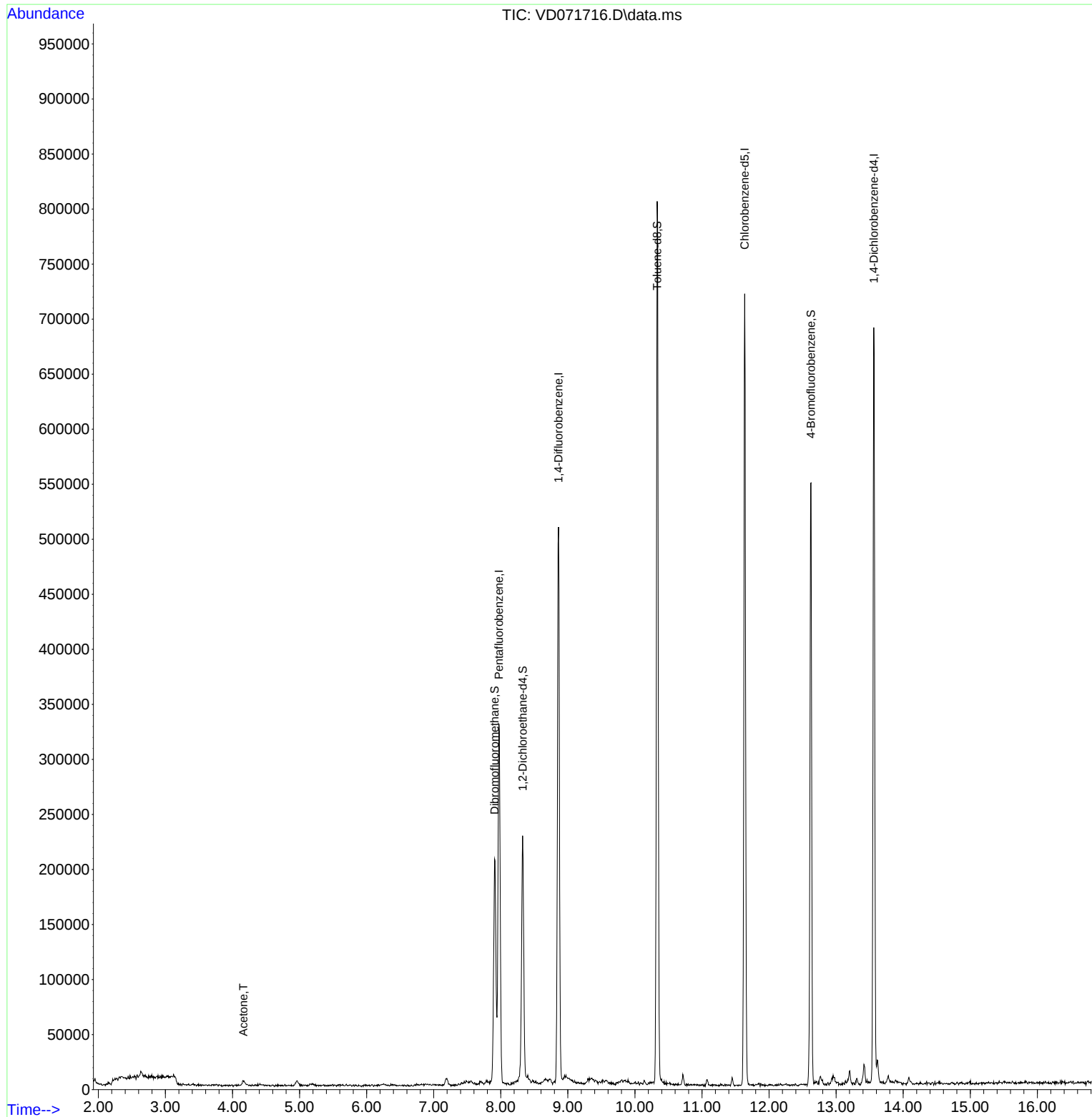
Internal Standards						
1) Pentafluorobenzene	7.973	168	221938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	406145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	376833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	167991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173537	60.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.540%	
35) Dibromofluoromethane	7.908	113	141133	52.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.332	98	523595	52.112	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.626	95	168366	47.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.100%	
Target Compounds						
16) Acetone	4.161	43	8342	12.653	ug/l	Qvalue 91

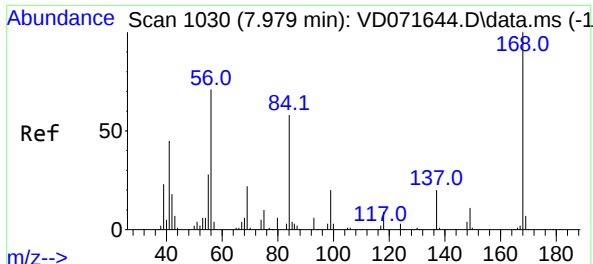
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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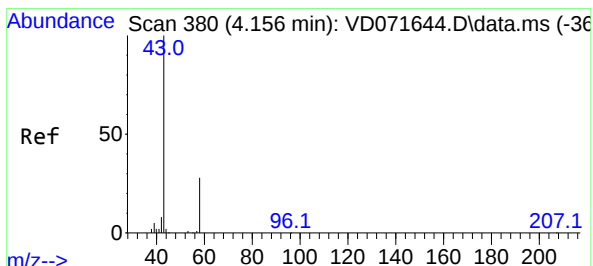
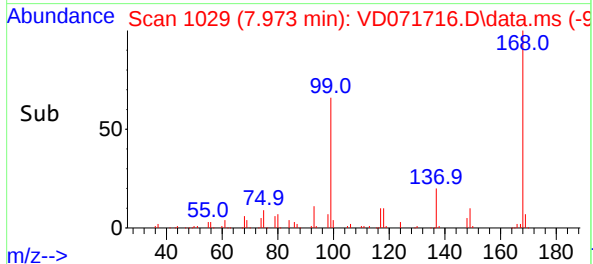
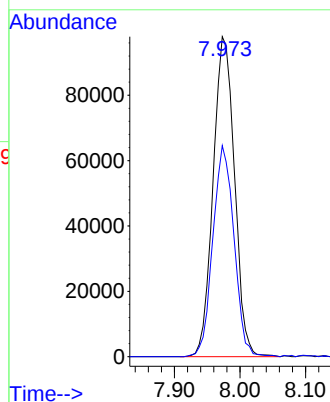
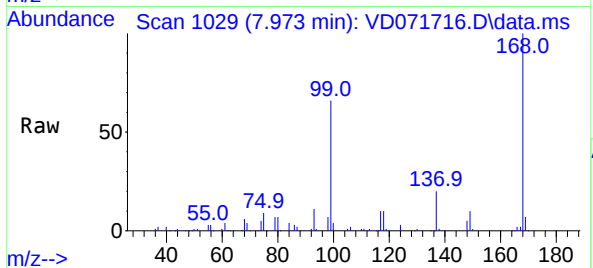




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

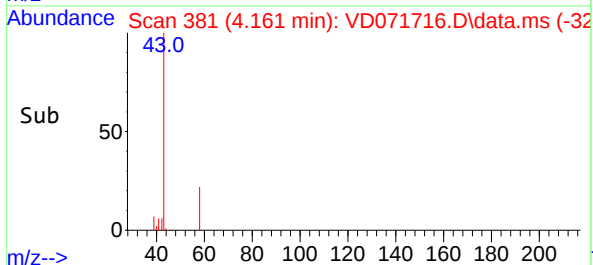
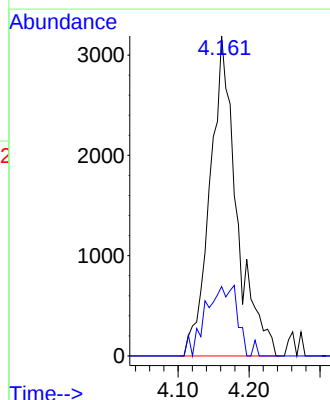
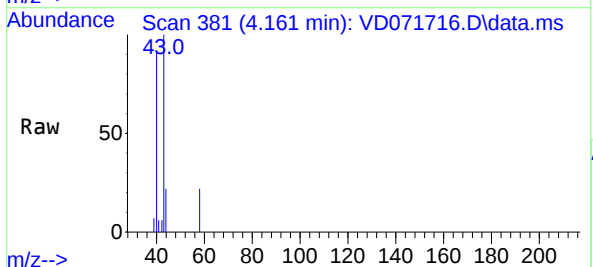
Instrument :
MSVOA_D
ClientSampleId :
TP-4D

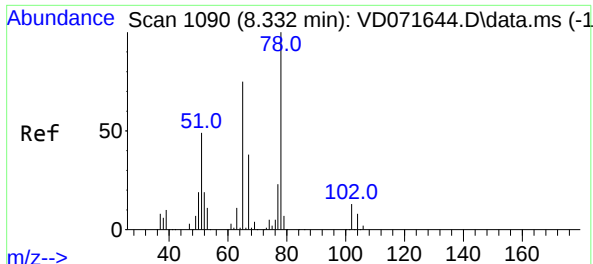
Tgt Ion:168 Resp: 221938
Ion Ratio Lower Upper
168 100
99 65.9 51.8 77.6



#16
Acetone
Concen: 12.653 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

Tgt Ion: 43 Resp: 8342
Ion Ratio Lower Upper
43 100
58 21.7 21.0 31.6

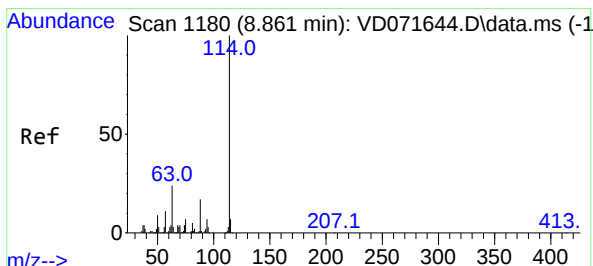
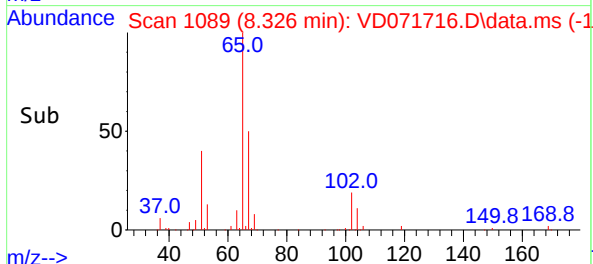
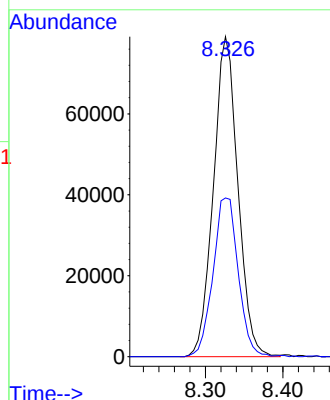
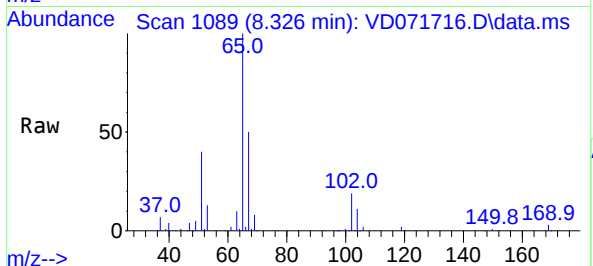




#33
1,2-Dichloroethane-d4
Concen: 60.768 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

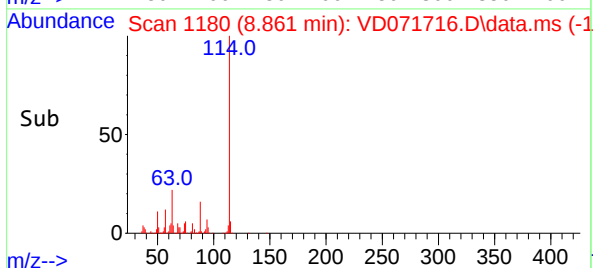
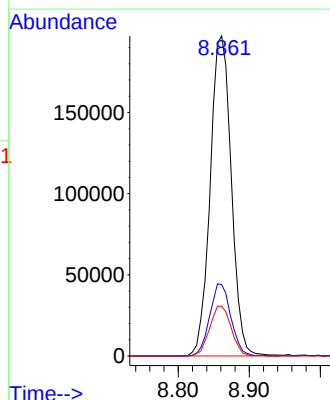
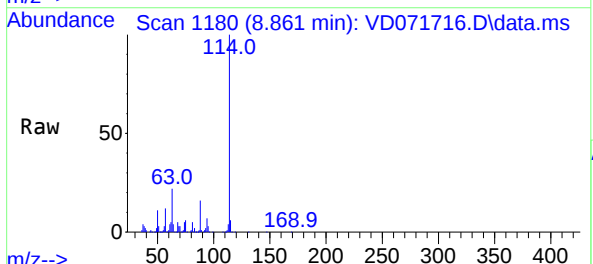
Instrument :
MSVOA_D
ClientSampleId :
TP-4D

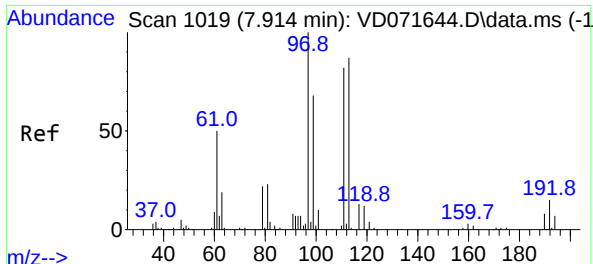
Tgt Ion: 65 Resp: 173537
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

Tgt Ion: 114 Resp: 406145
Ion Ratio Lower Upper
114 100
63 22.3 0.0 46.2
88 15.5 0.0 32.0

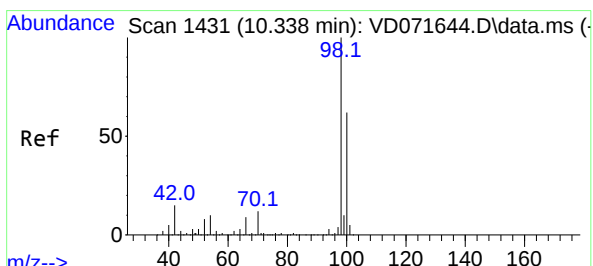
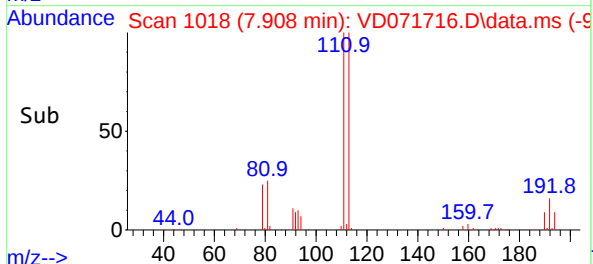
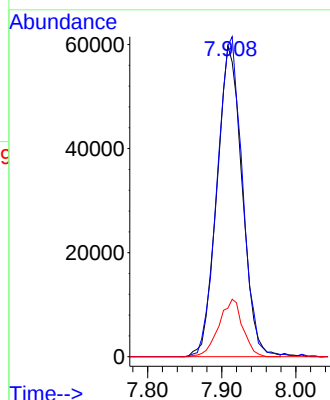
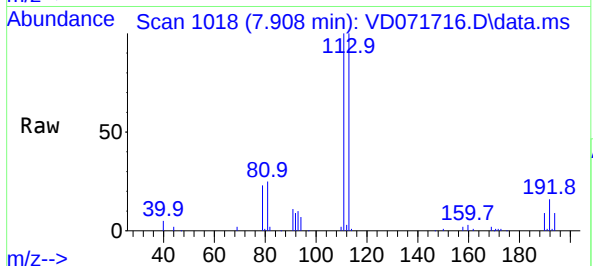




#35
Dibromofluoromethane
Concen: 52.581 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

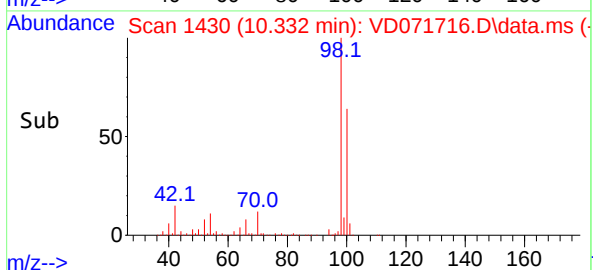
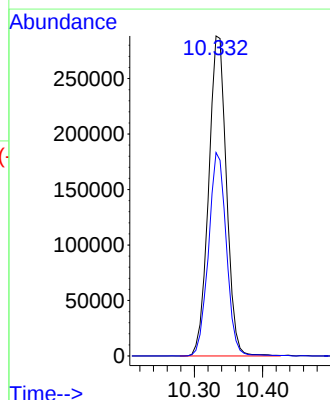
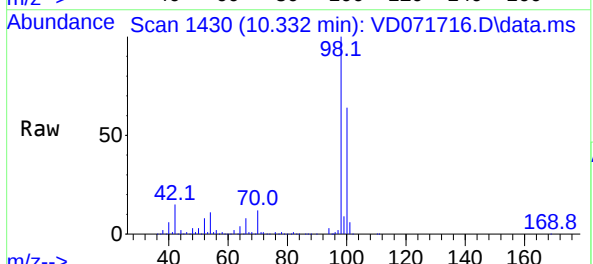
Instrument :
MSVOA_D
ClientSampleId :
TP-4D

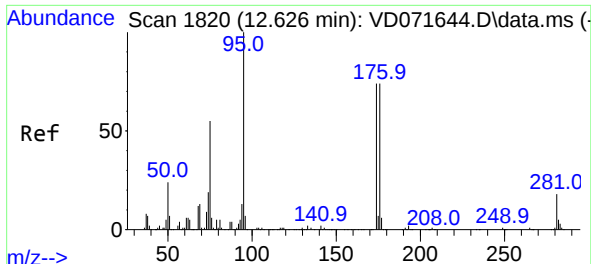
Tgt Ion:113 Resp: 141133
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.4 14.2 21.2



#50
Toluene-d8
Concen: 52.112 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

Tgt Ion: 98 Resp: 523595
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

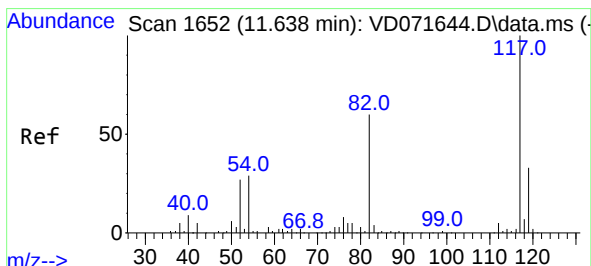
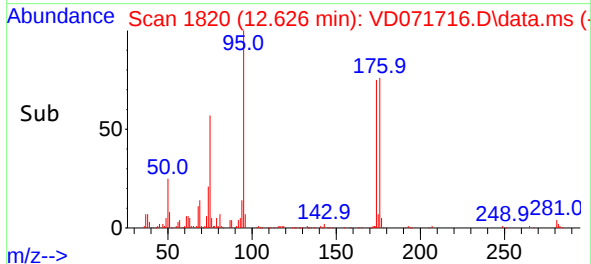
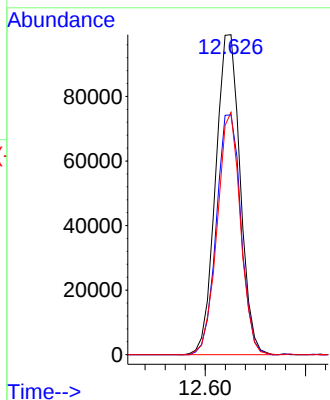
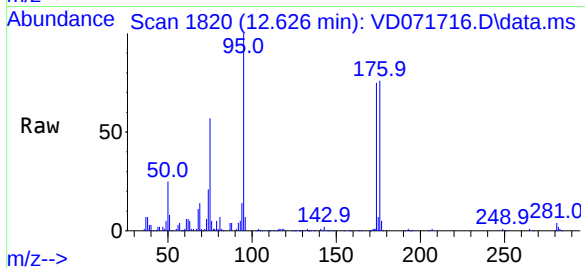




#62
4-Bromofluorobenzene
Concen: 47.555 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

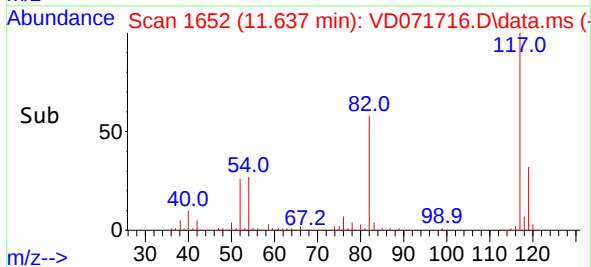
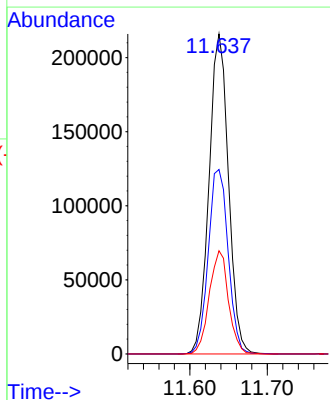
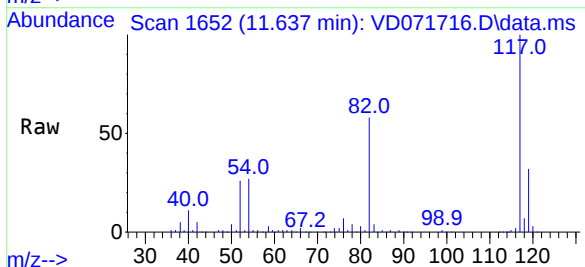
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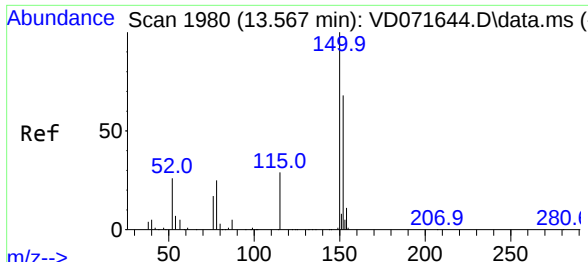
Tgt Ion: 95 Resp: 168366
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.0
176 71.7 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071716.D
Acq: 13 Jan 2022 18:11

Tgt Ion: 117 Resp: 376833
Ion Ratio Lower Upper
117 100
82 57.6 46.9 70.3
119 32.2 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: VD071716.D
 Acq: 13 Jan 2022 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4D

Tgt Ion:152 Resp: 167991
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.5 94.5
 150 158.7 0.0 348.0

