

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071316.D
 Acq On : 14 Dec 2021 13:07
 Operator : VA/SY
 Sample : M5022-49
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP14

Quant Time: Dec 15 08:28:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

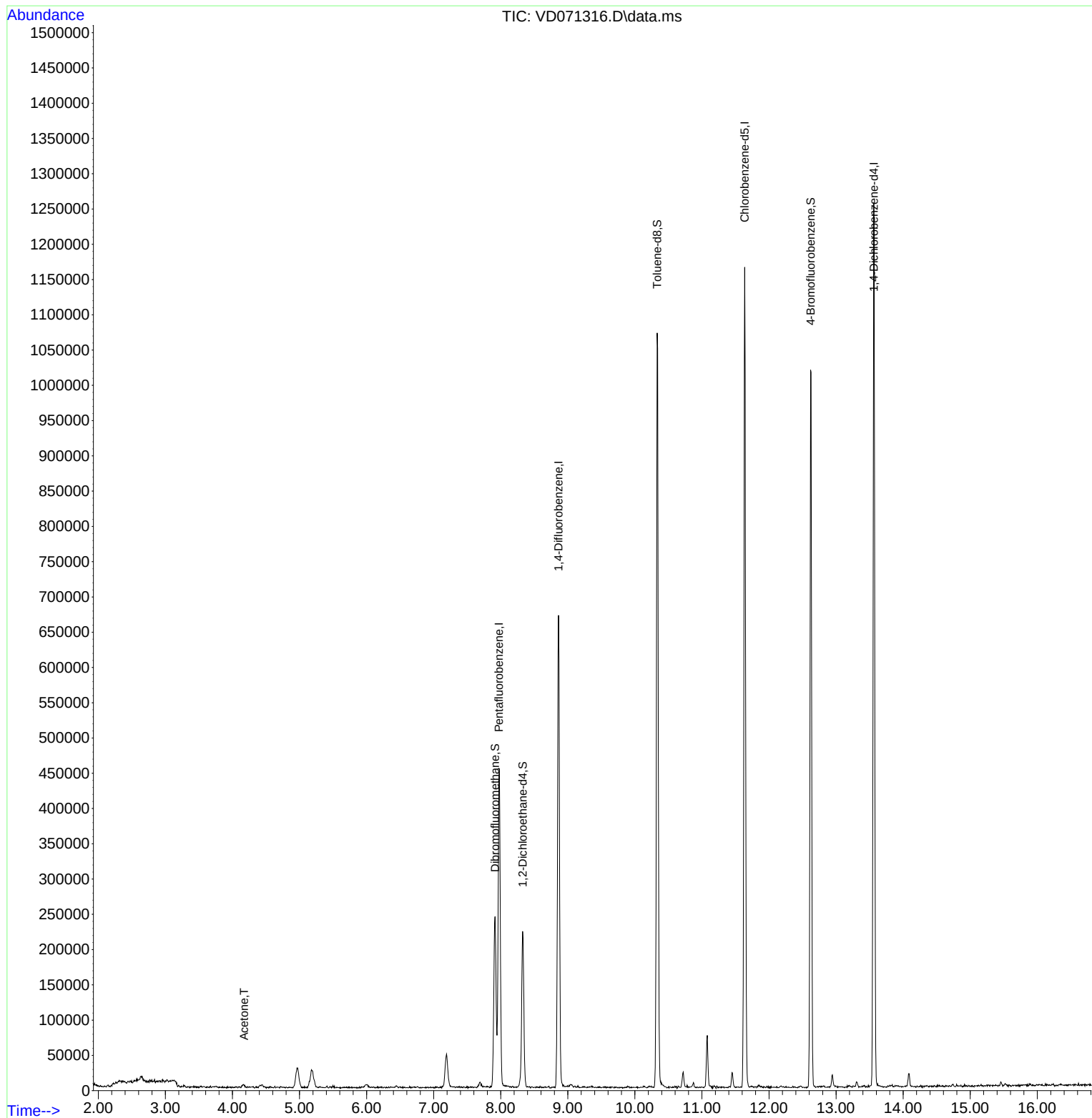
Internal Standards						
1) Pentafluorobenzene	7.973	168	310343	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	536700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	608434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	301603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171991	47.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.914	113	170612	49.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.332	98	699992	53.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.620	95	301559	66.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.780%
Target Compounds						
16) Acetone	4.173	43	6837	36.996	ug/l	Qvalue 100

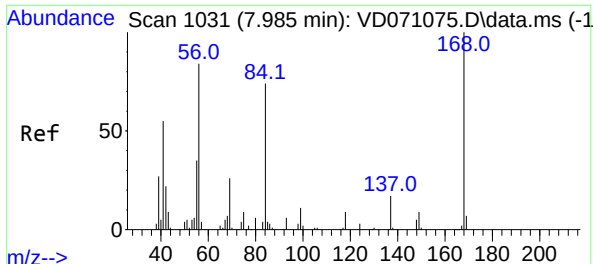
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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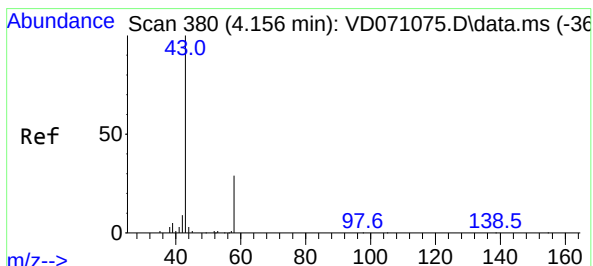
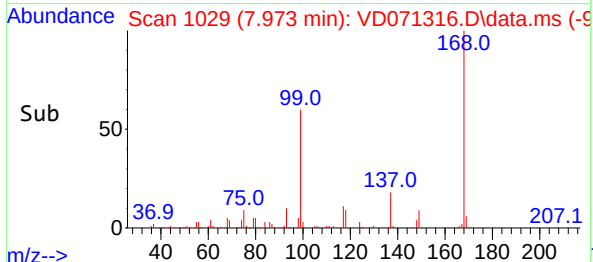
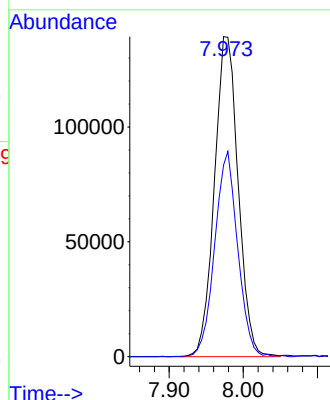
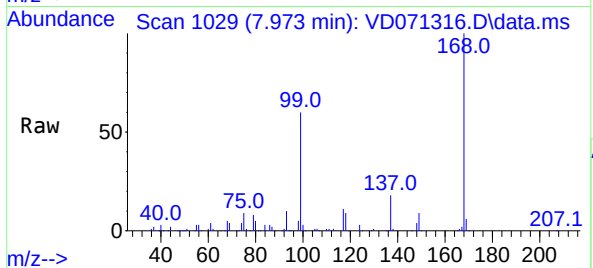




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

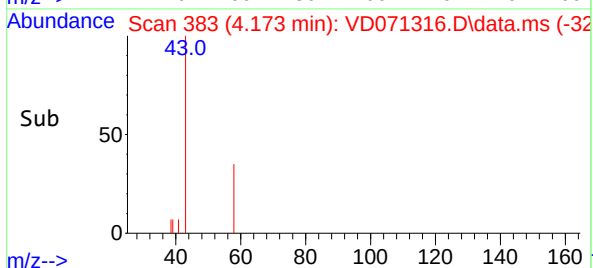
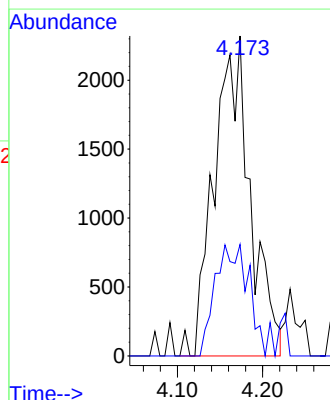
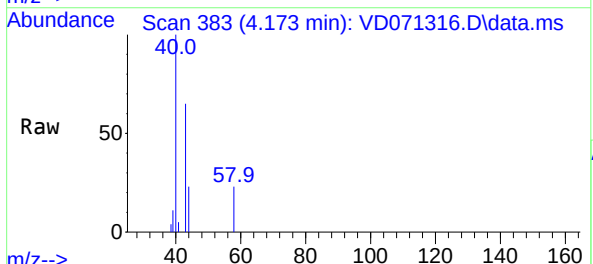
Instrument :
MSVOA_D
ClientSampleId :
TP14

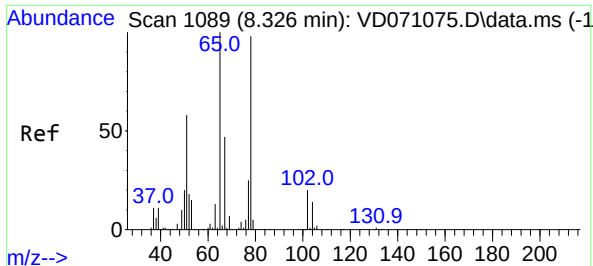
Tgt Ion:168 Resp: 310343
Ion Ratio Lower Upper
168 100
99 59.7 46.6 69.8



#16
Acetone
Concen: 36.996 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

Tgt Ion: 43 Resp: 6837
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8

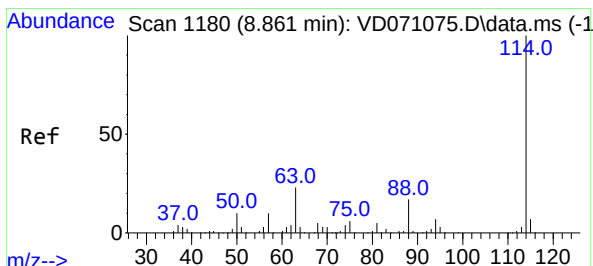
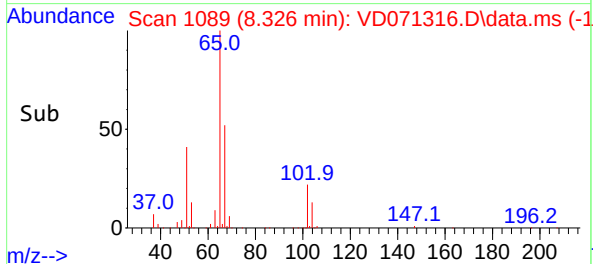
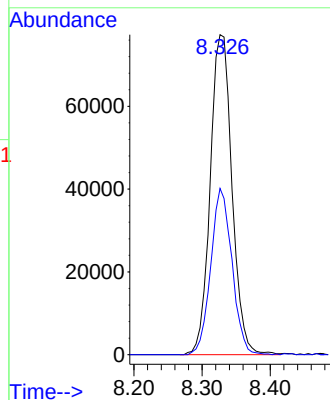
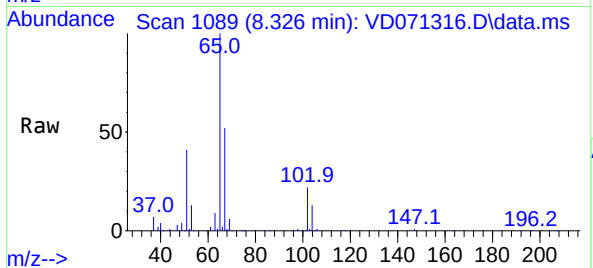




#33
1,2-Dichloroethane-d4
Concen: 47.231 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

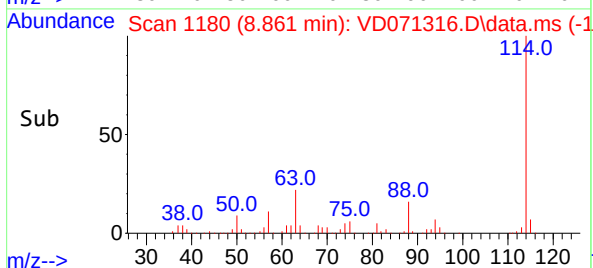
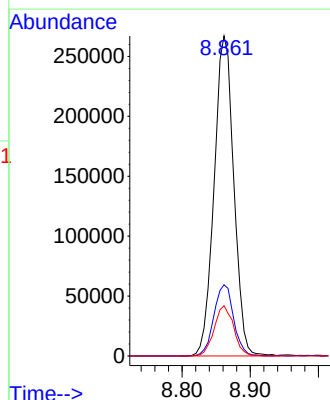
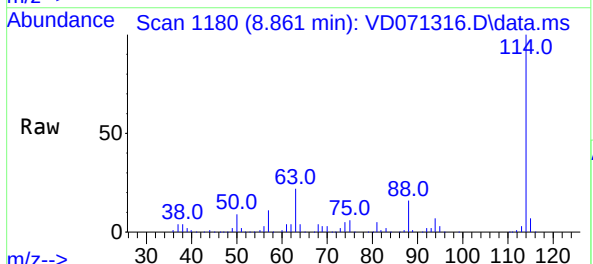
Instrument :
MSVOA_D
ClientSampleId :
TP14

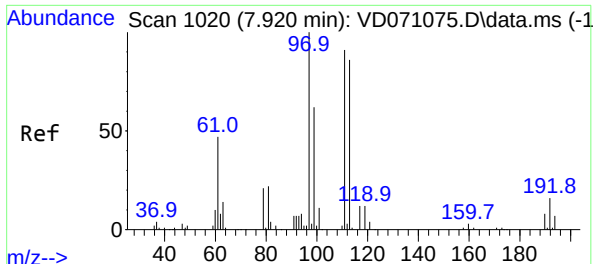
Tgt Ion: 65 Resp: 171991
Ion Ratio Lower Upper
65 100
67 50.5 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

Tgt Ion: 114 Resp: 536700
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.7 0.0 32.8

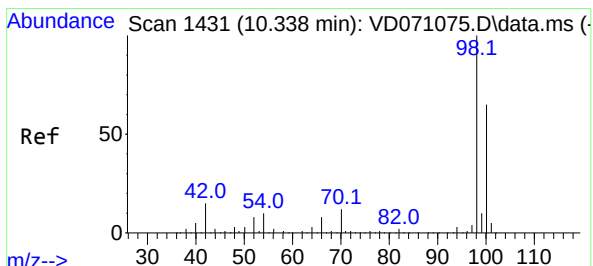
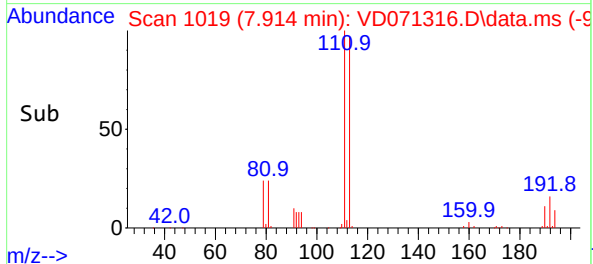
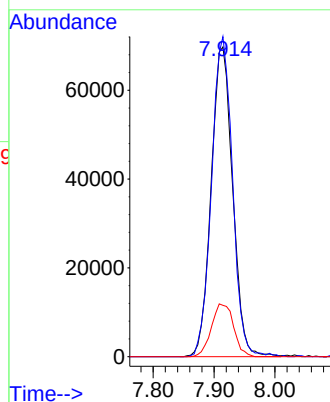
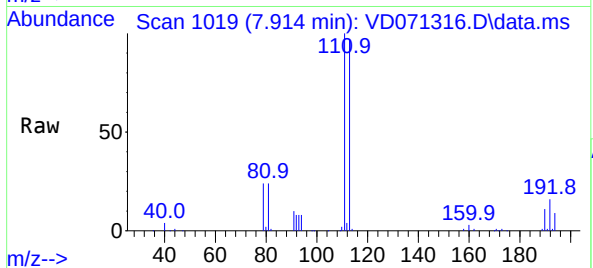




#35
Dibromofluoromethane
Concen: 49.921 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

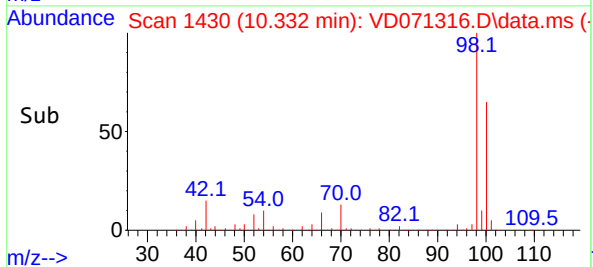
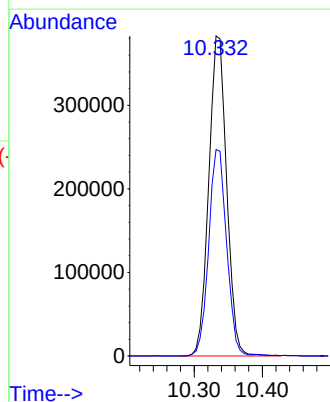
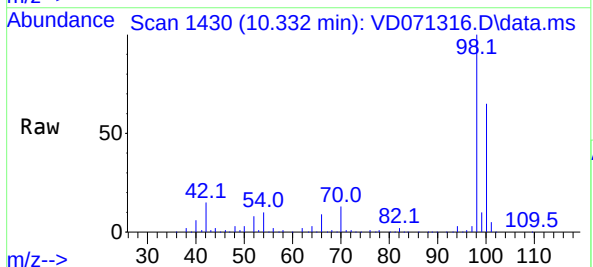
Instrument :
MSVOA_D
ClientSampleId :
TP14

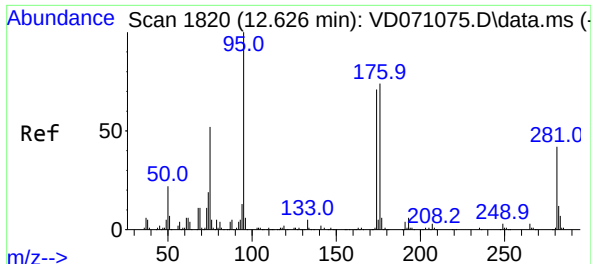
Tgt Ion:113 Resp: 170612
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 17.6 15.2 22.8



#50
Toluene-d8
Concen: 53.821 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

Tgt Ion: 98 Resp: 699992
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

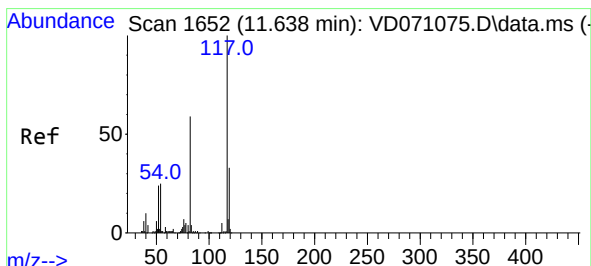
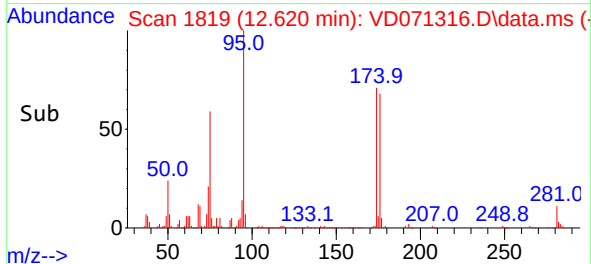
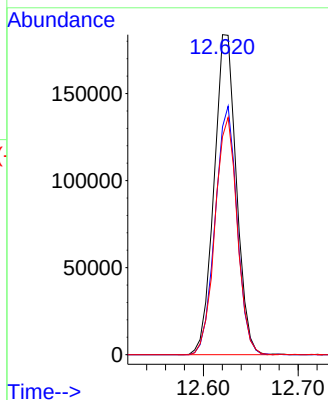
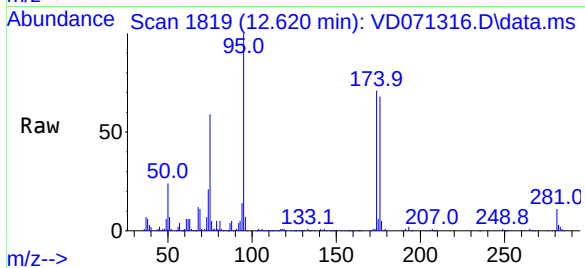




#62
4-Bromofluorobenzene
Concen: 66.889 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

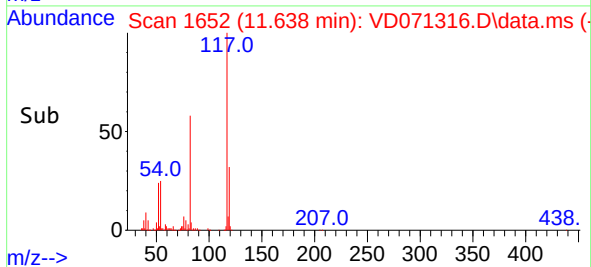
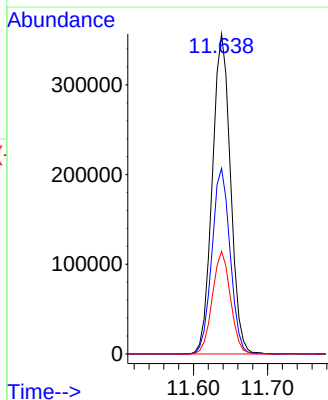
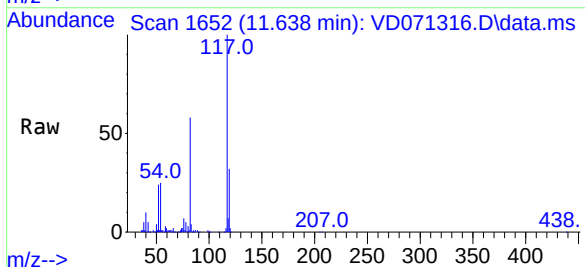
Instrument :
MSVOA_D
ClientSampleId :
TP14

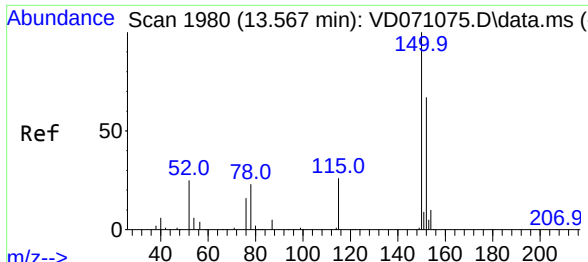
Tgt Ion: 95 Resp: 301559
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 73.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

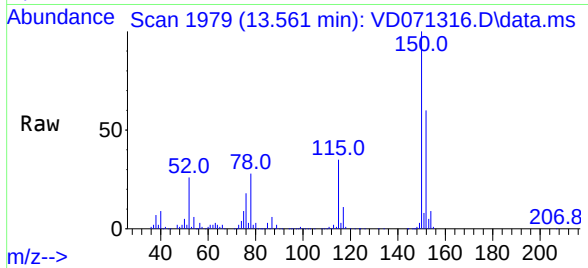
Tgt Ion: 117 Resp: 608434
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.0 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071316.D
Acq: 14 Dec 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :
TP14



Tgt Ion:152 Resp: 301603
Ion Ratio Lower Upper
152 100
115 60.0 29.8 89.3
150 160.2 0.0 349.2

