

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071294.D
 Acq On : 13 Dec 2021 14:07
 Operator : VA/SY
 Sample : M5017-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Dec 14 08:13:43 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)

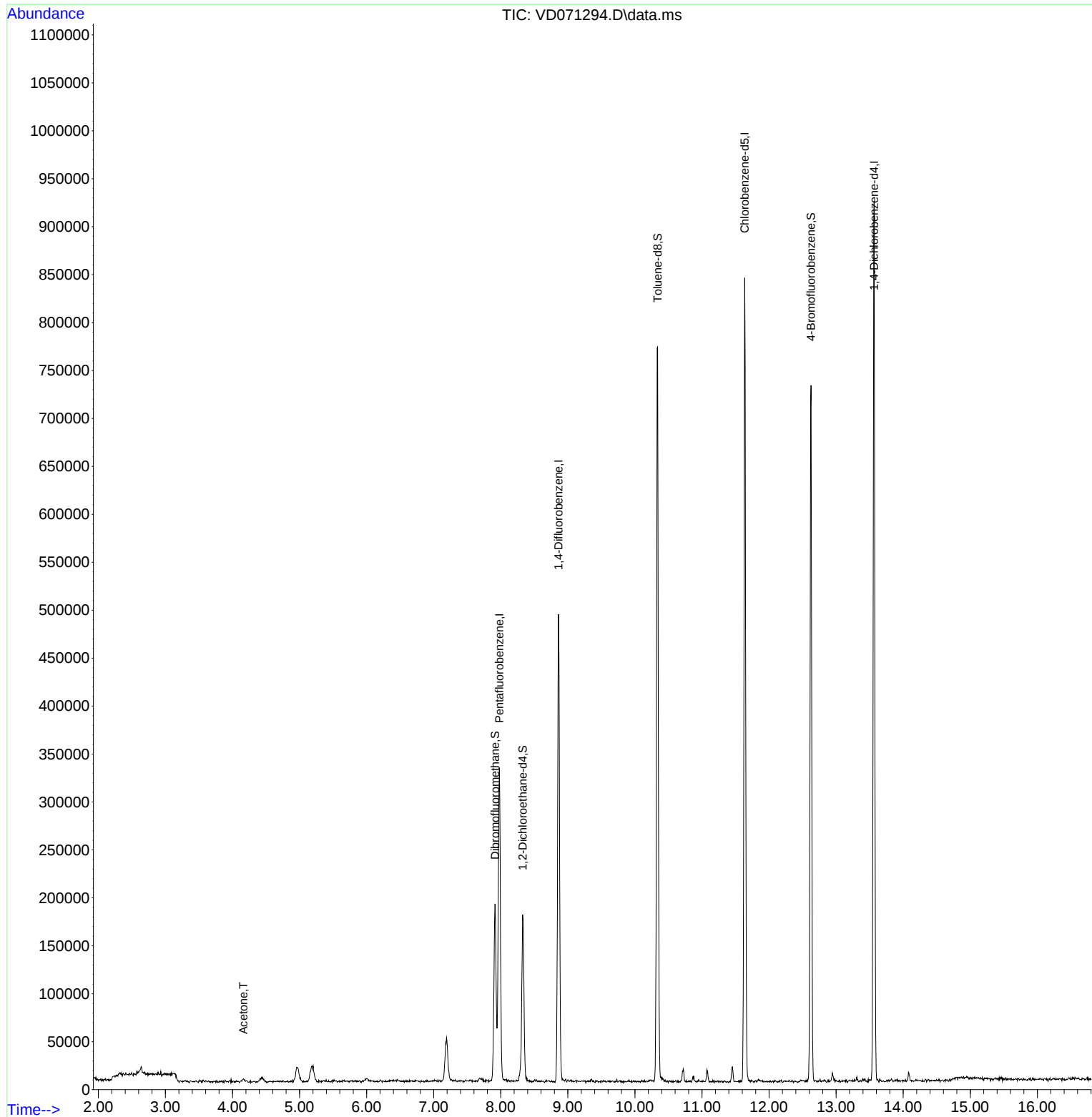
Internal Standards						
1) Pentafluorobenzene	7.979	168	228481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	386589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	436052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135103	50.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.914	113	125174	50.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.338	98	494739	52.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.626	95	216242	66.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.180%	
Target Compounds						
16) Acetone	4.162	43	5130	37.115	ug/l	Qvalue # 79

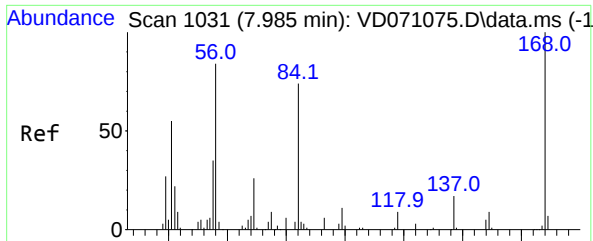
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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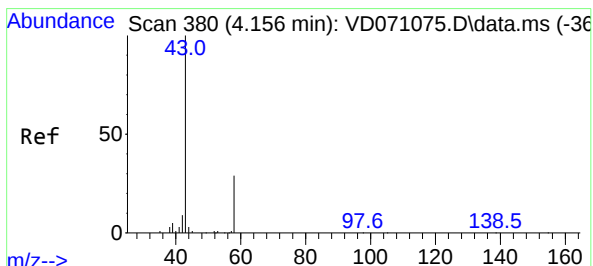
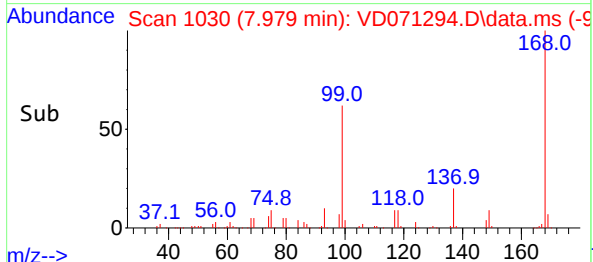
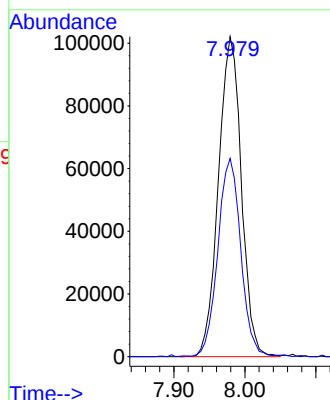
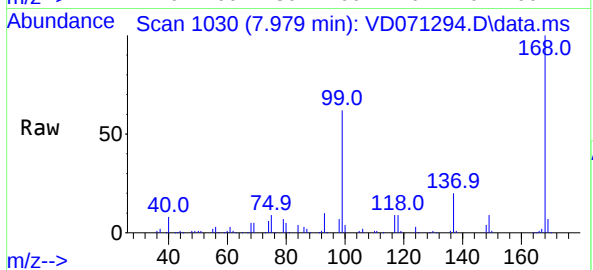




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

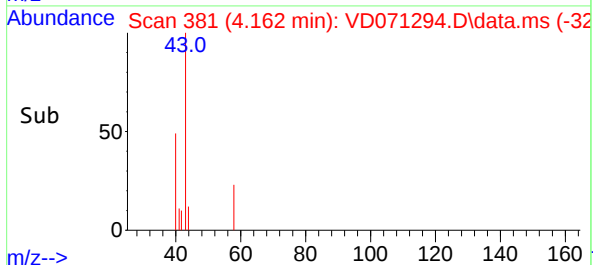
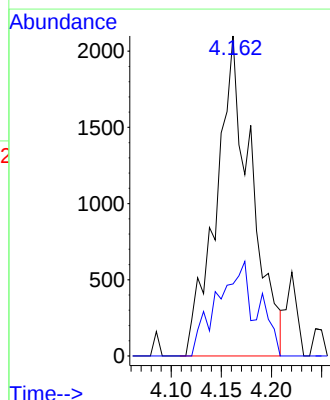
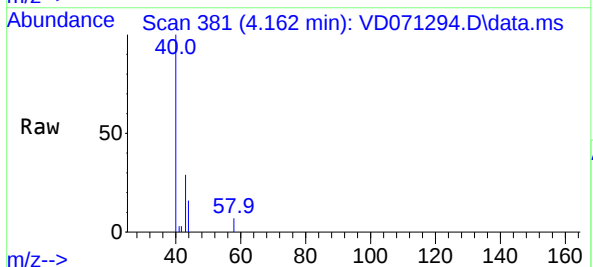
Instrument :
MSVOA_D
ClientSampleId :
TP1

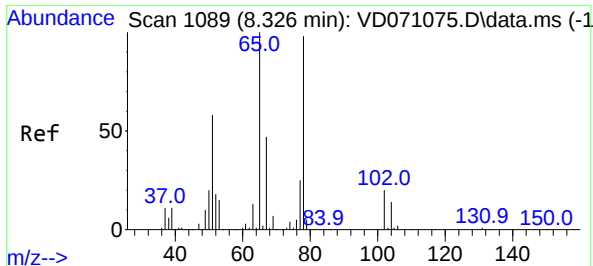
Tgt Ion:168 Resp: 228481
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#16
Acetone
Concen: 37.115 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

Tgt Ion: 43 Resp: 5130
Ion Ratio Lower Upper
43 100
58 22.5 27.8 41.8#

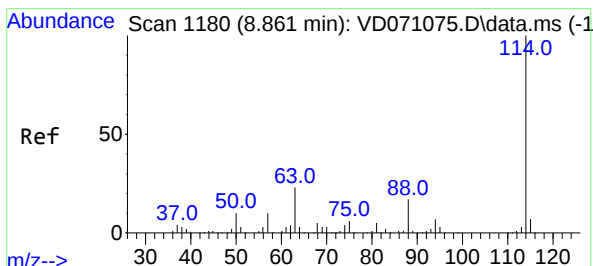
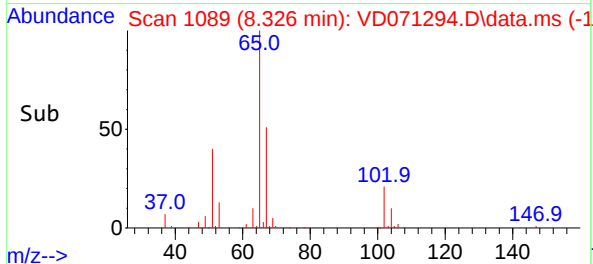
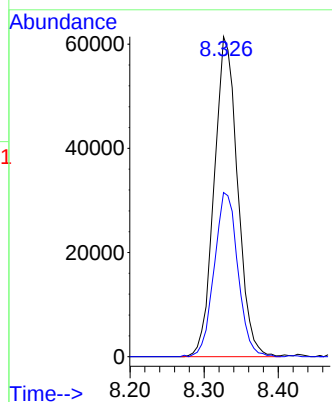
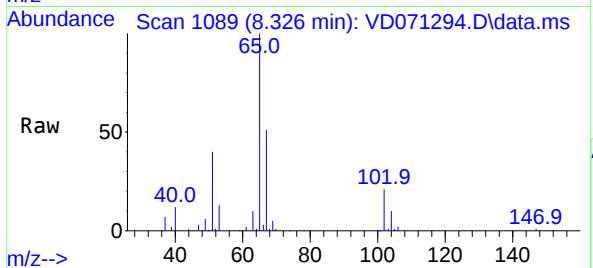




#33
1,2-Dichloroethane-d4
Concen: 50.394 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

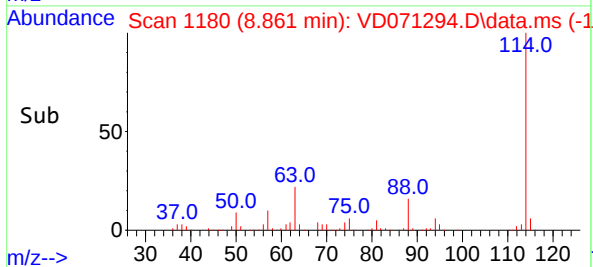
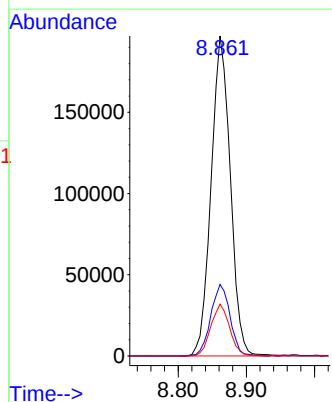
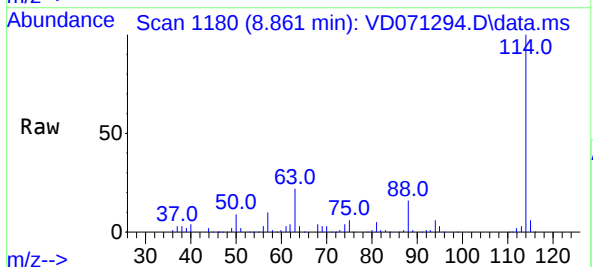
Instrument :
MSVOA_D
ClientSampleId :
TP1

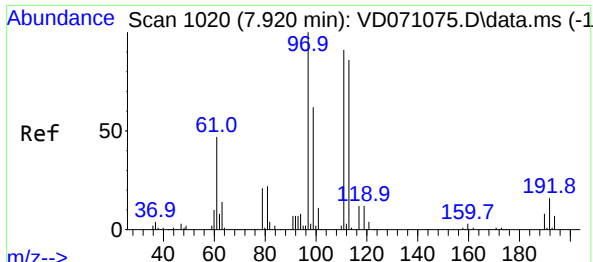
Tgt Ion: 65 Resp: 135103
Ion Ratio Lower Upper
65 100
67 51.7 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

Tgt Ion: 114 Resp: 386589
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.2 0.0 32.8

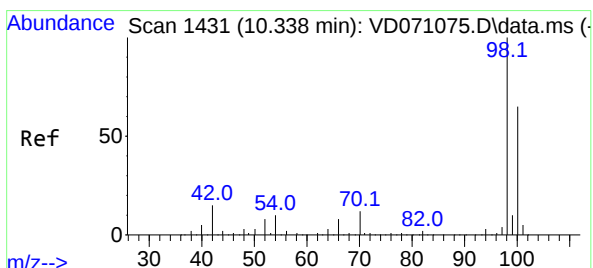
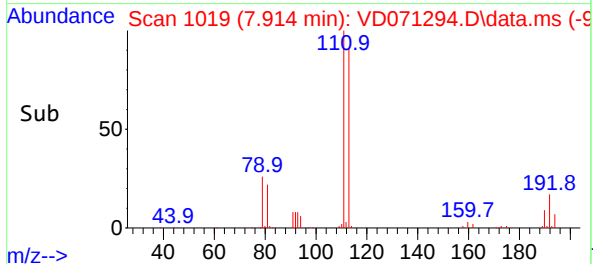
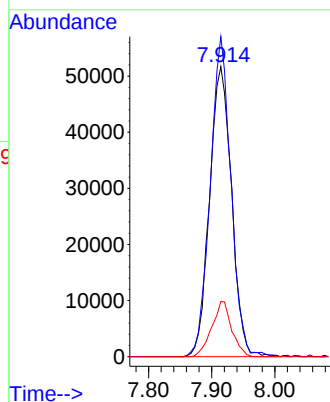
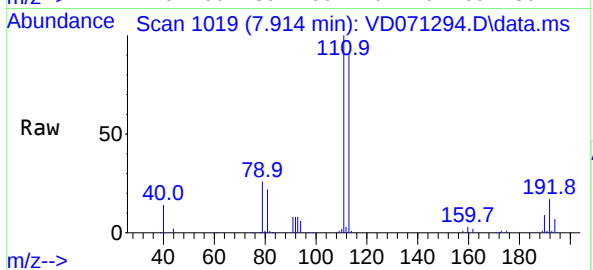




#35
Dibromofluoromethane
Concen: 50.847 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

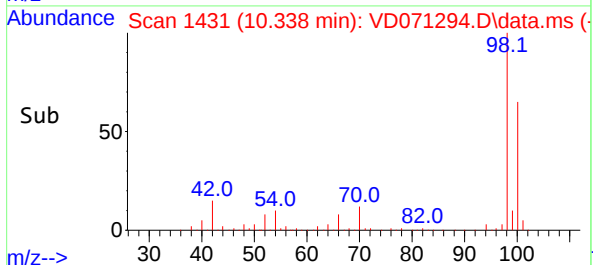
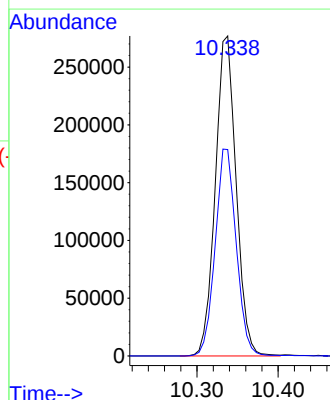
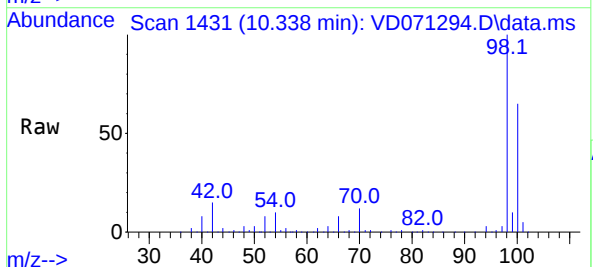
Instrument :
MSVOA_D
ClientSampleId :
TP1

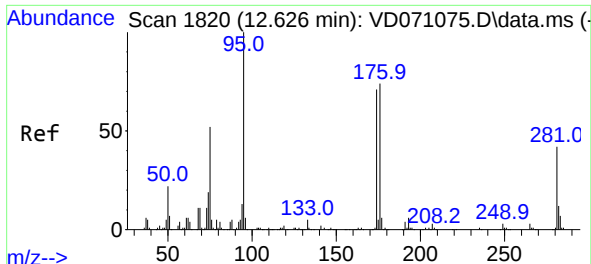
Tgt Ion:113 Resp: 125174
Ion Ratio Lower Upper
113 100
111 104.1 82.0 123.0
192 17.2 15.2 22.8



#50
Toluene-d8
Concen: 52.810 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

Tgt Ion: 98 Resp: 494739
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

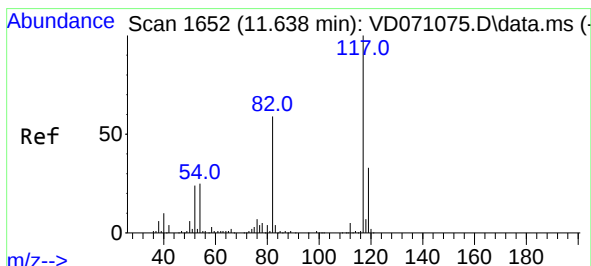
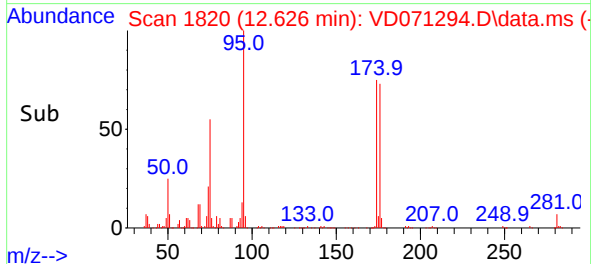
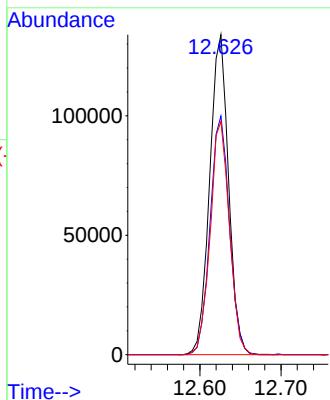
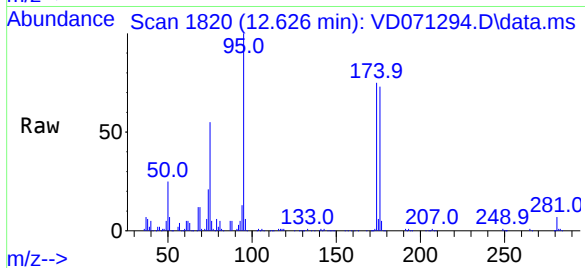




#62
4-Bromofluorobenzene
Concen: 66.590 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

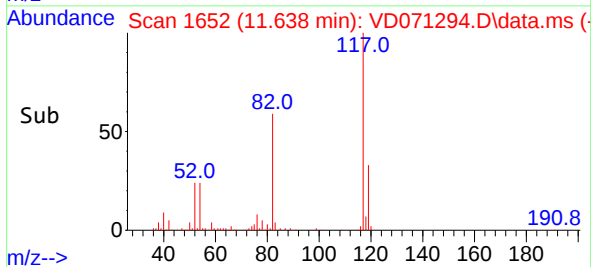
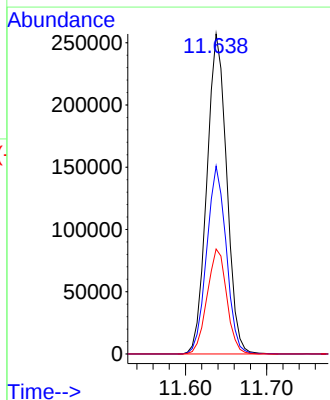
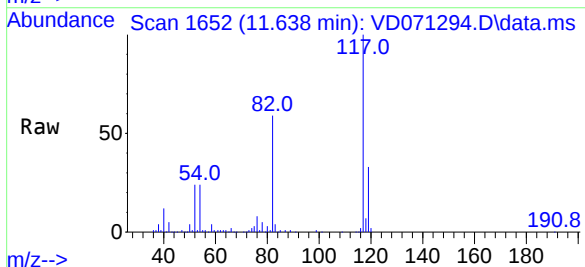
Instrument :
MSVOA_D
ClientSampleId :
TP1

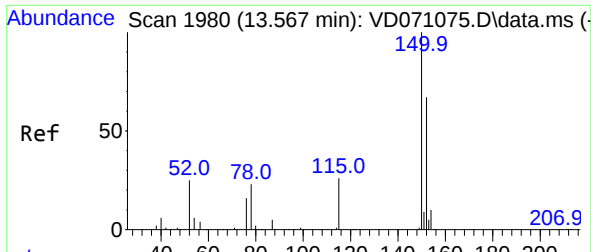
Tgt Ion: 95 Resp: 216242
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 73.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071294.D
Acq: 13 Dec 2021 14:07

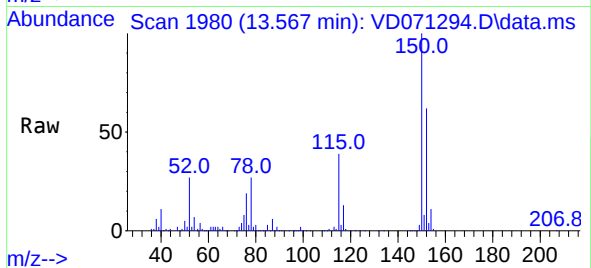
Tgt Ion: 117 Resp: 436052
Ion Ratio Lower Upper
117 100
82 58.7 44.7 67.1
119 32.8 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071294.D
 Acq: 13 Dec 2021 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1



Tgt Ion:152 Resp: 221650
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.8 89.3
 150 157.6 0.0 349.2

