

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071303.D
 Acq On : 13 Dec 2021 18:20
 Operator : VA/SY
 Sample : M5022-19
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP11

Quant Time: Dec 14 08:15:10 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)

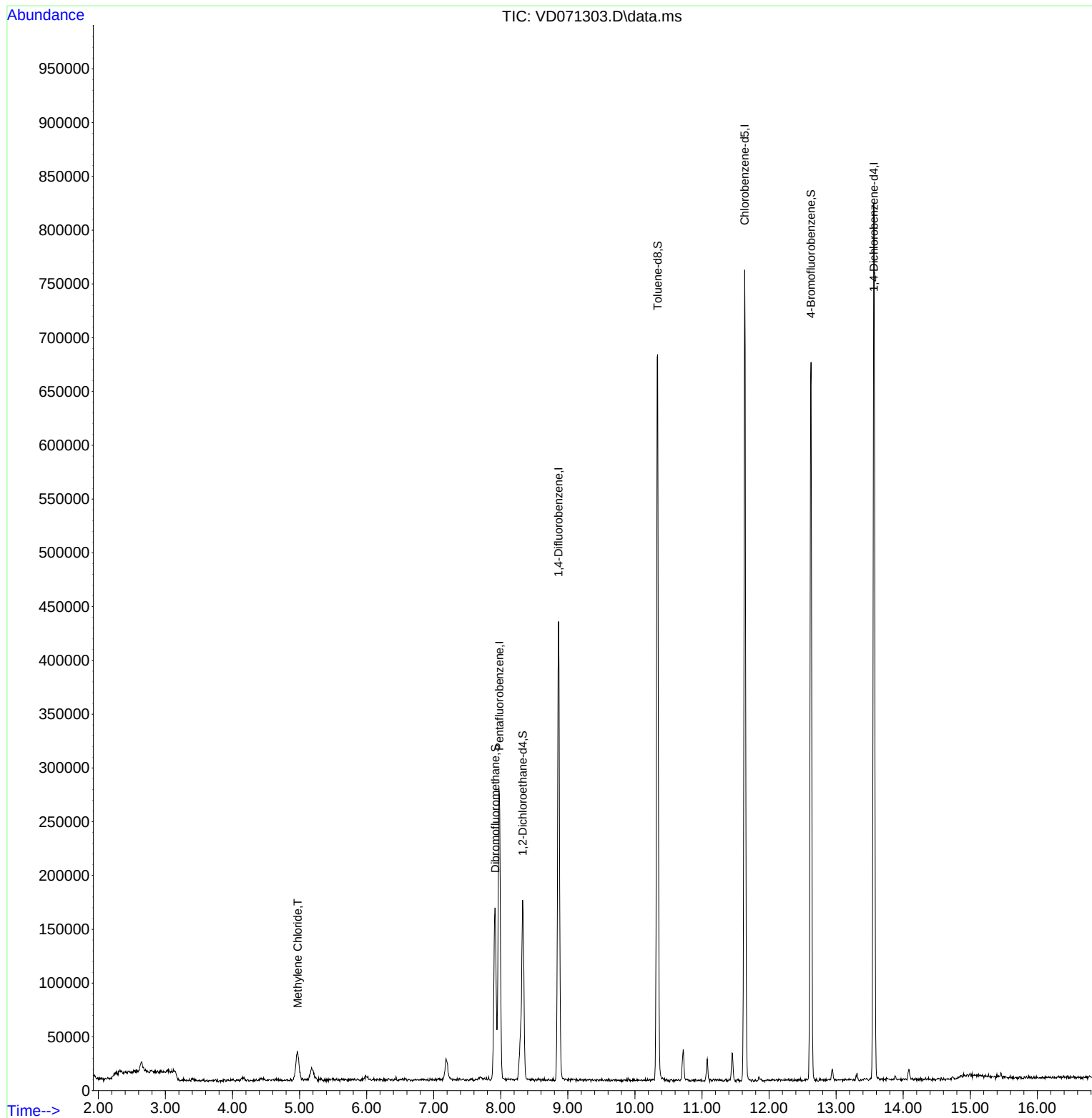
Internal Standards						
1) Pentafluorobenzene	7.979	168	194004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	339088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	393350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125275	55.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.060%	
35) Dibromofluoromethane	7.920	113	115285	53.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.338	98	441531	53.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.626	95	197337	69.281	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.560%	
Target Compounds						Qvalue
20) Methylene Chloride	4.973	84	18746	4.347	ug/l	94

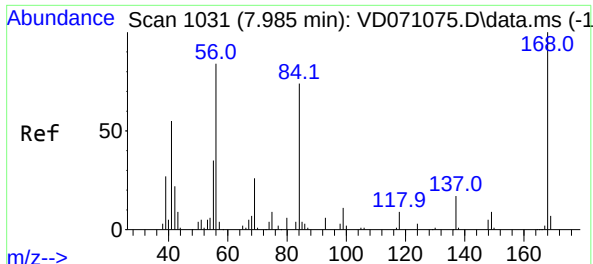
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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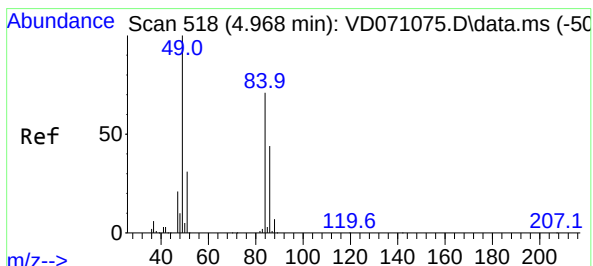
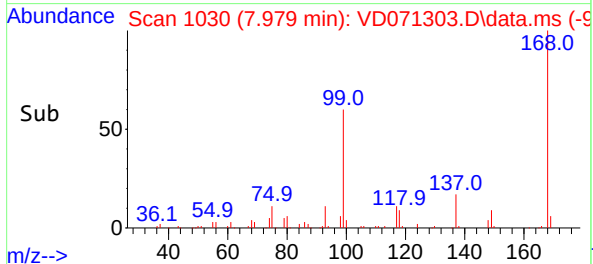
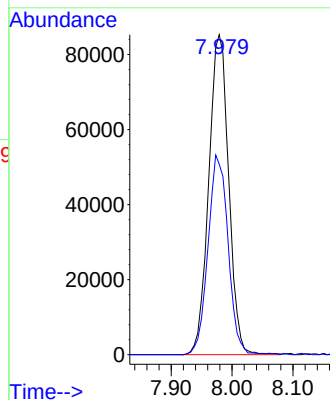
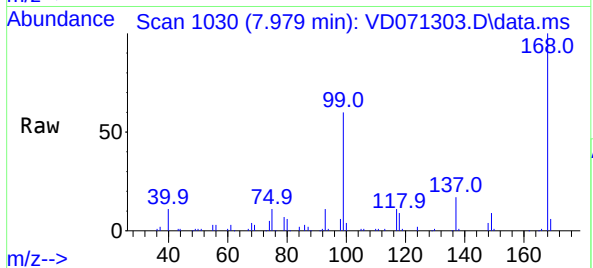




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

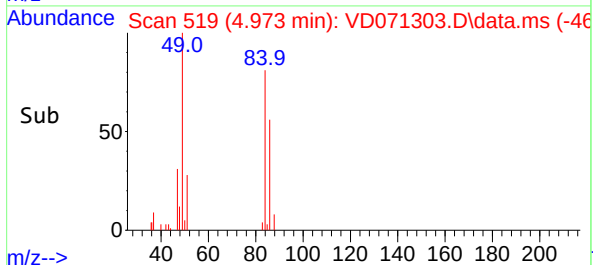
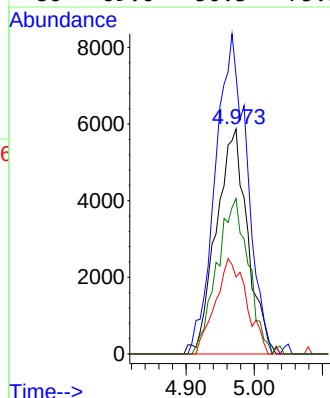
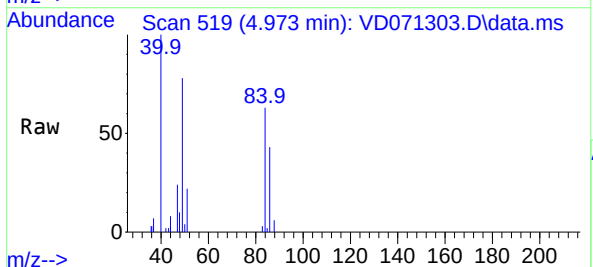
Instrument :
MSVOA_D
ClientSampleId :
TP11

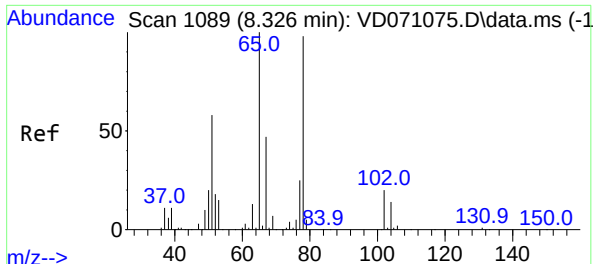
Tgt Ion:168 Resp: 194004
Ion Ratio Lower Upper
168 100
99 59.5 46.6 69.8



#20
Methylene Chloride
Concen: 4.347 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

Tgt Ion: 84 Resp: 18746
Ion Ratio Lower Upper
84 100
49 123.9 95.8 143.6
51 34.2 30.9 46.3
86 69.0 50.3 75.5

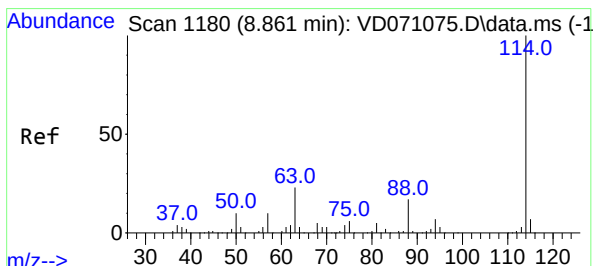
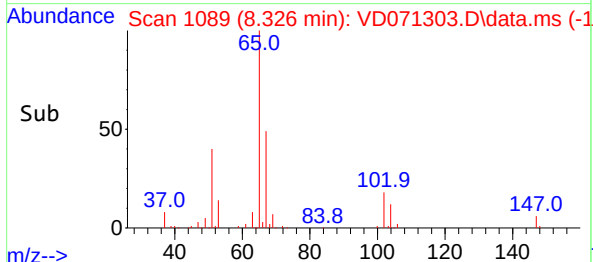
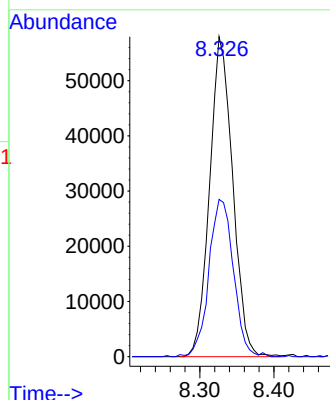
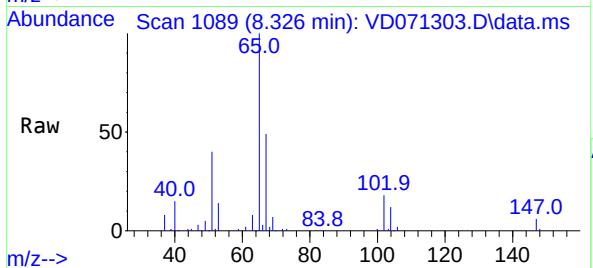




#33
1,2-Dichloroethane-d4
Concen: 55.032 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

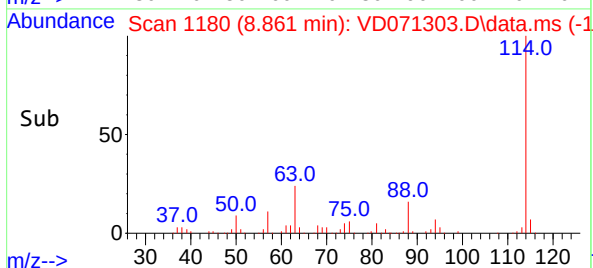
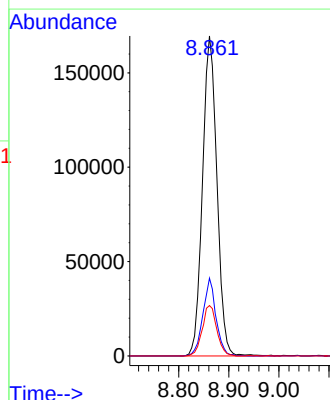
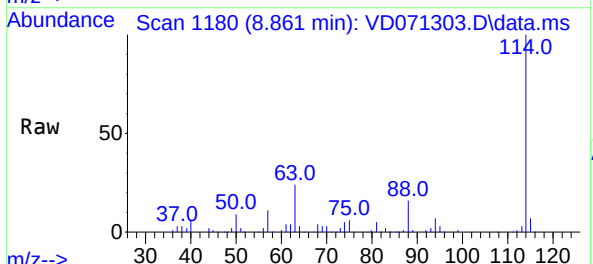
Instrument :
MSVOA_D
ClientSampleId :
TP11

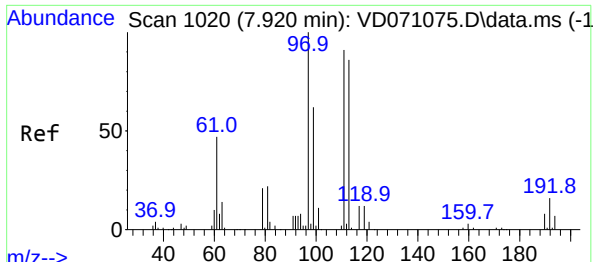
Tgt Ion: 65 Resp: 125275
Ion Ratio Lower Upper
65 100
67 52.3 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

Tgt Ion: 114 Resp: 339088
Ion Ratio Lower Upper
114 100
63 24.3 0.0 41.8
88 15.7 0.0 32.8

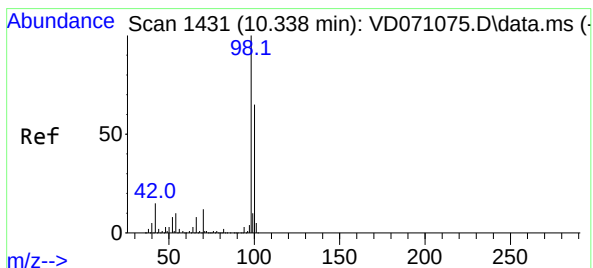
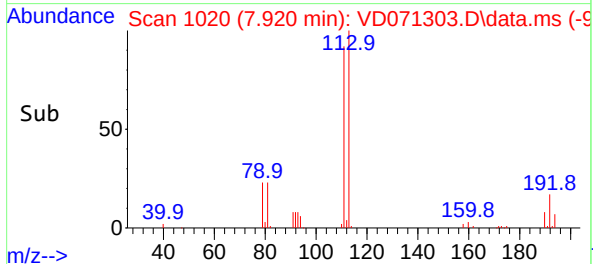
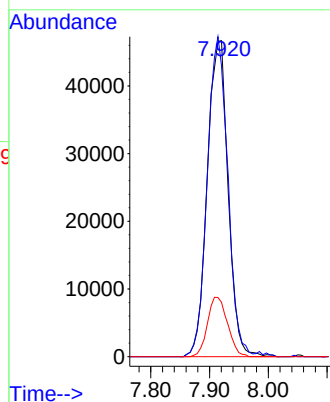
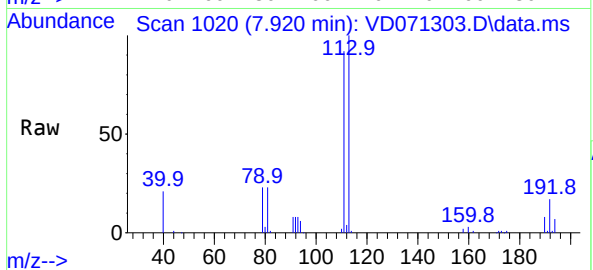




#35
Dibromofluoromethane
Concen: 53.391 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

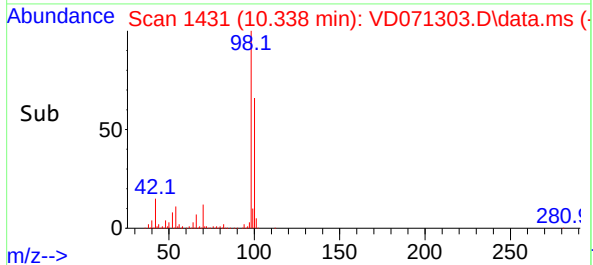
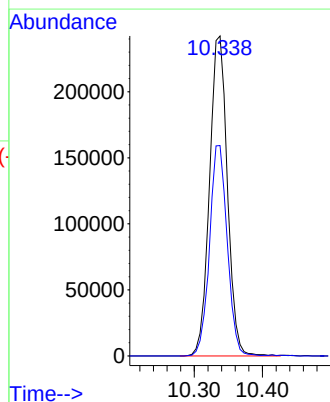
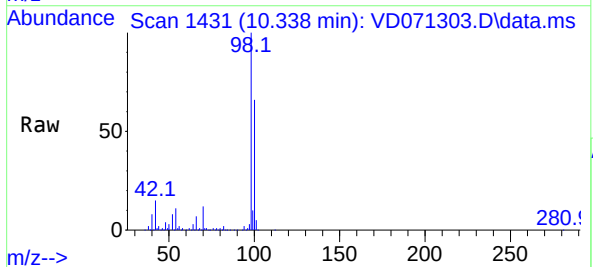
Instrument :
MSVOA_D
ClientSampleId :
TP11

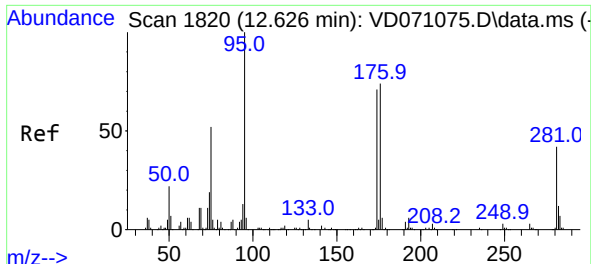
Tgt Ion:113 Resp: 115285
Ion Ratio Lower Upper
113 100
111 99.4 82.0 123.0
192 18.1 15.2 22.8



#50
Toluene-d8
Concen: 53.733 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

Tgt Ion: 98 Resp: 441531
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

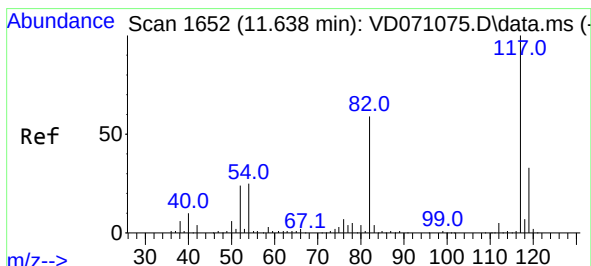
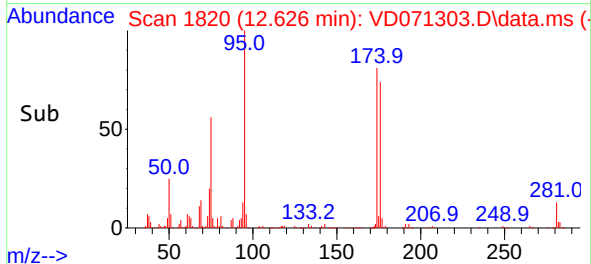
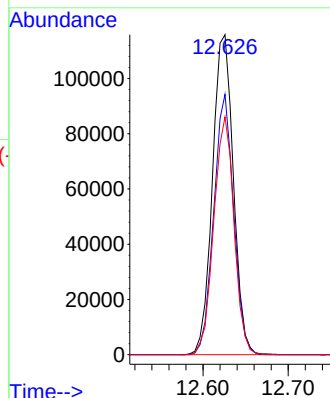
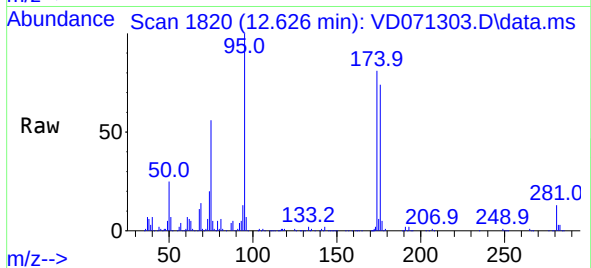




#62
4-Bromofluorobenzene
Concen: 69.281 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

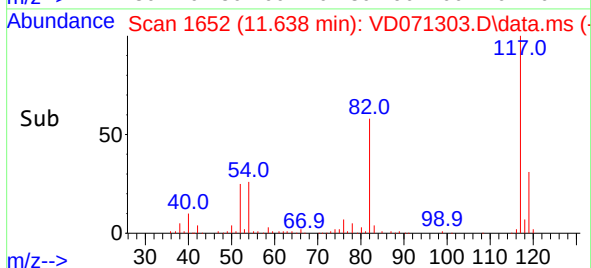
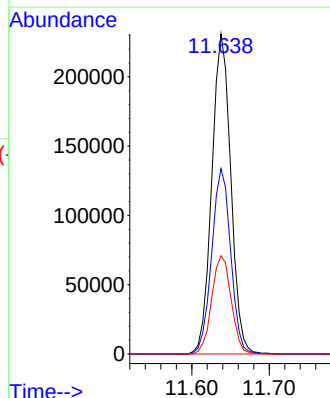
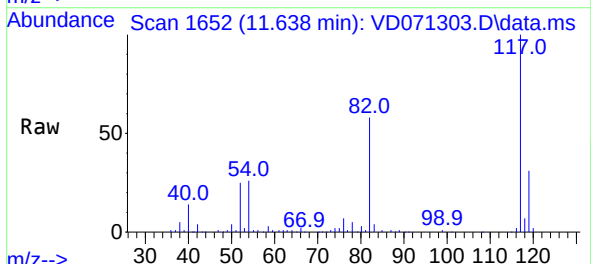
Instrument :
MSVOA_D
ClientSampleId :
TP11

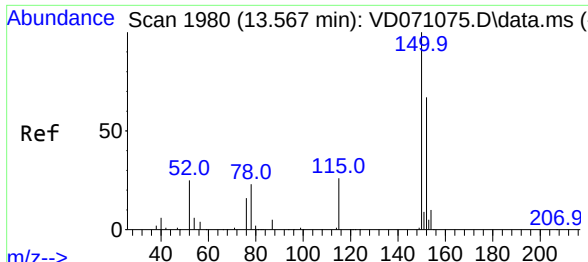
Tgt Ion: 95 Resp: 197337
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 71.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

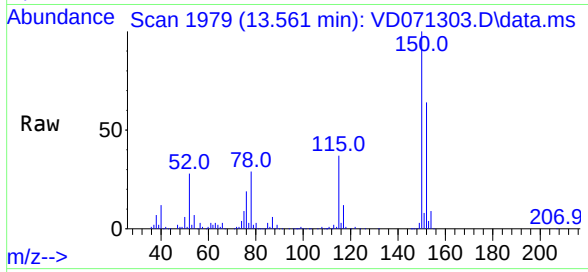
Tgt Ion: 117 Resp: 393350
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 30.7 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071303.D
Acq: 13 Dec 2021 18:20

Instrument :
MSVOA_D
ClientSampleId :
TP11



Tgt Ion:152 Resp: 202619

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.8	89.3
150	155.8	0.0	349.2

