

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070828.D
 Acq On : 22 Oct 2021 16:42
 Operator : VA/SY
 Sample : M4283-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Oct 23 04:12:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

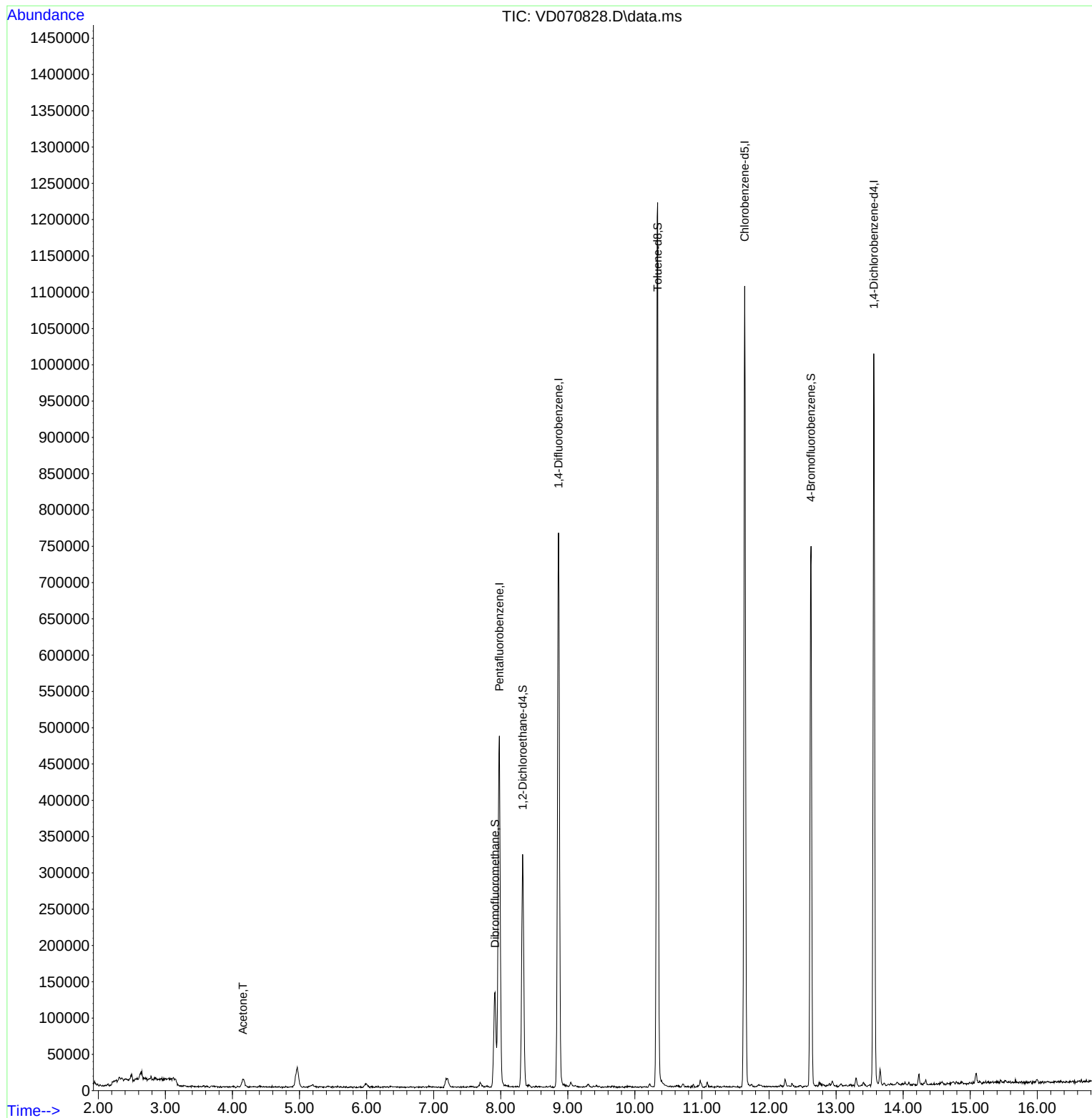
Internal Standards						
1) Pentafluorobenzene	7.979	168	325947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	598572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	249739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247628	64.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.280%	
35) Dibromofluoromethane	7.914	113	94051	23.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 47.980%#	
50) Toluene-d8	10.338	98	783644	52.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.280%	
62) 4-Bromofluorobenzene	12.626	95	252262	48.744	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.480%	
Target Compounds						
16) Acetone	4.156	43	20110	21.597	ug/l	Qvalue # 83

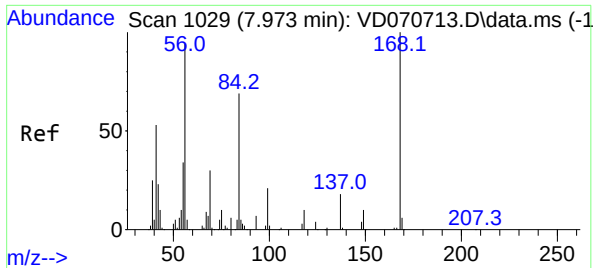
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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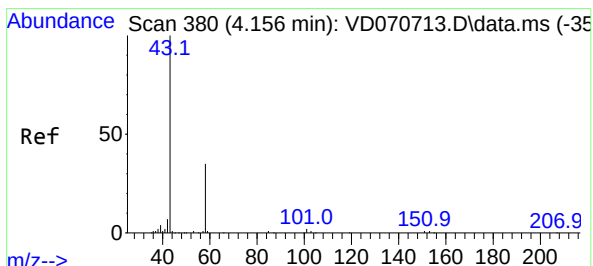
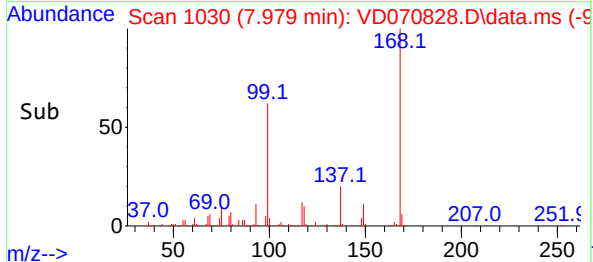
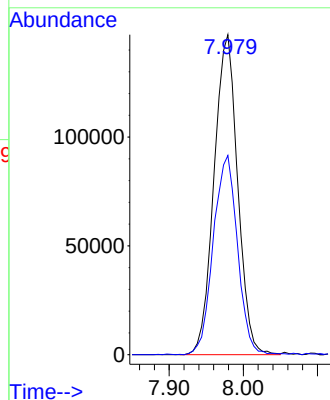
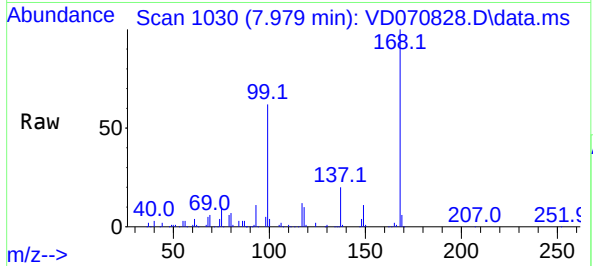




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

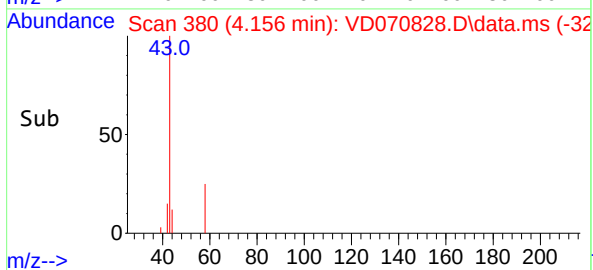
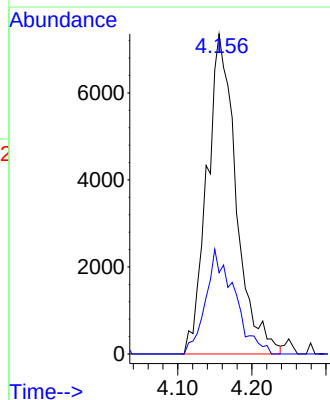
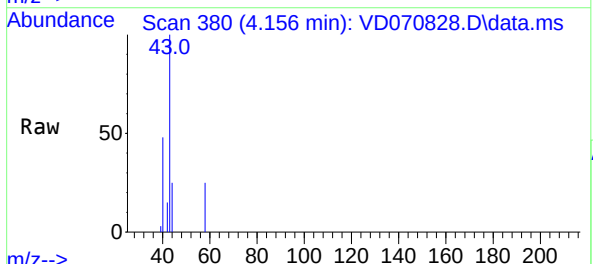
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

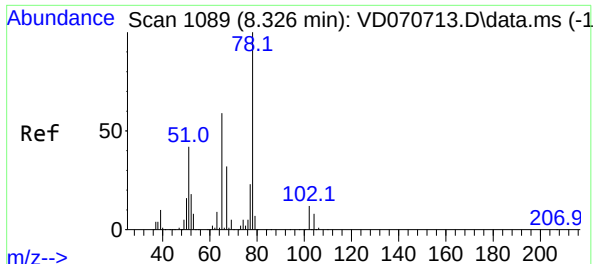
Tgt Ion:168 Resp: 325947
Ion Ratio Lower Upper
168 100
99 62.1 51.4 77.0



#16
Acetone
Concen: 21.597 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

Tgt Ion: 43 Resp: 20110
Ion Ratio Lower Upper
43 100
58 25.4 28.2 42.2#

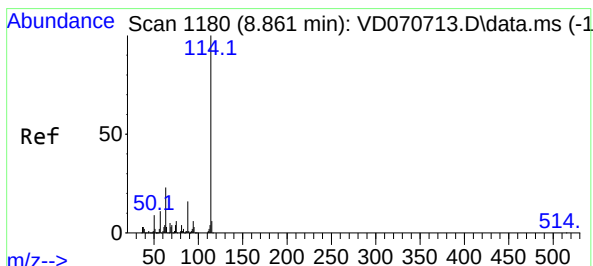
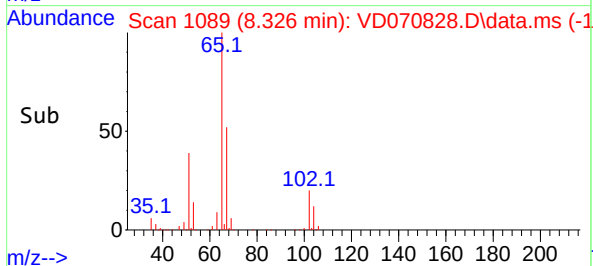
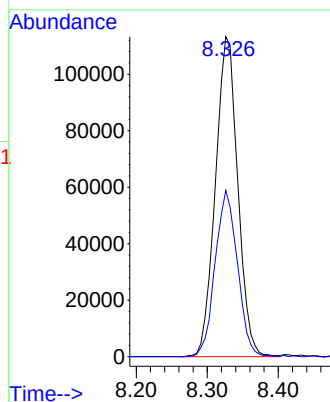
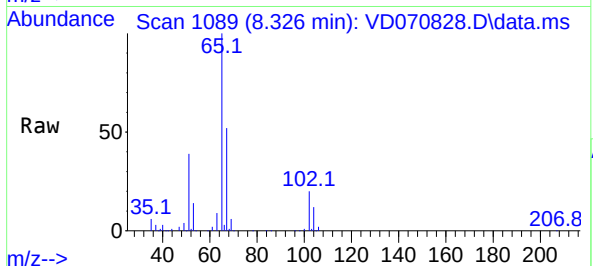




#33
1,2-Dichloroethane-d4
Concen: 64.142 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

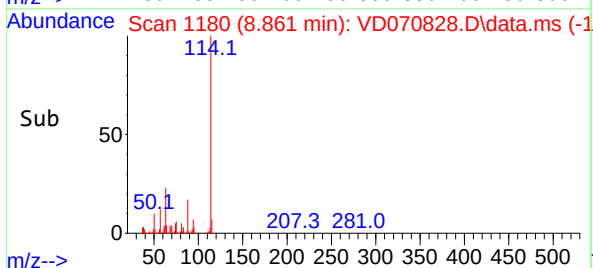
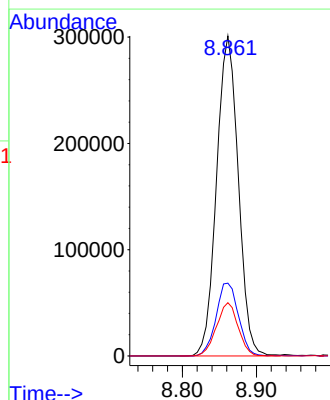
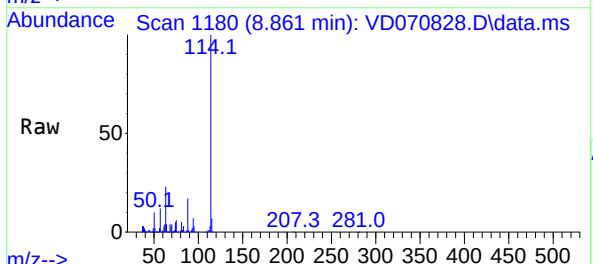
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

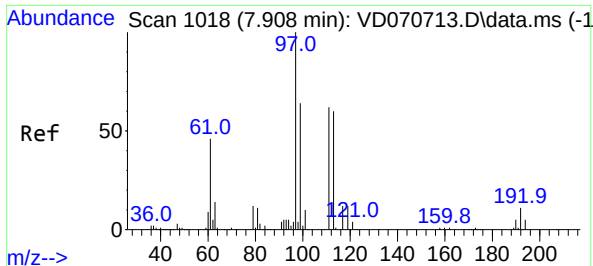
Tgt Ion: 65 Resp: 247628
Ion Ratio Lower Upper
65 100
67 51.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

Tgt Ion: 114 Resp: 612336
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.6 0.0 32.6



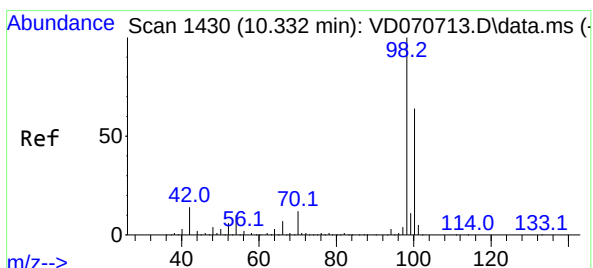
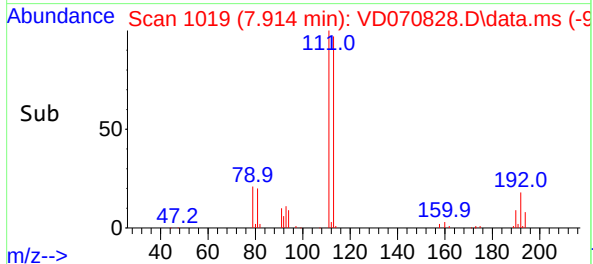
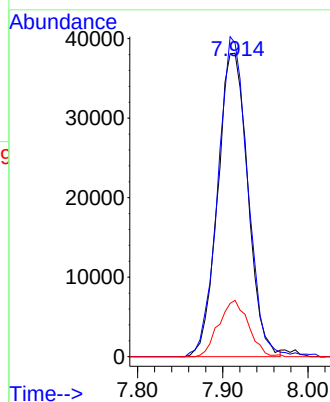
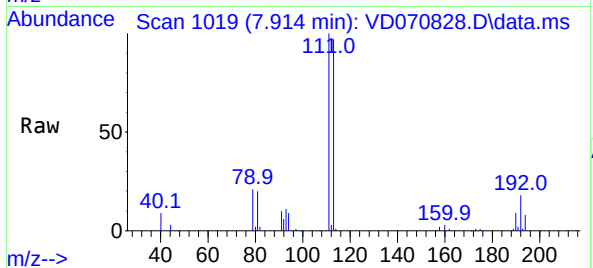


#35
Dibromofluoromethane
Concen: 23.988 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

Tgt Ion:113 Resp: 94051

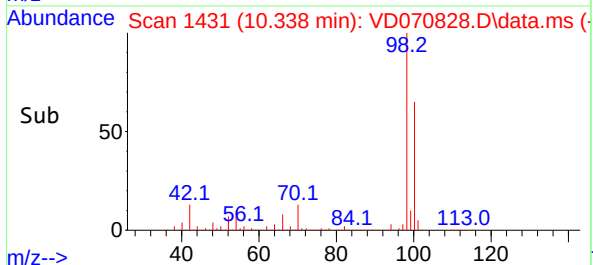
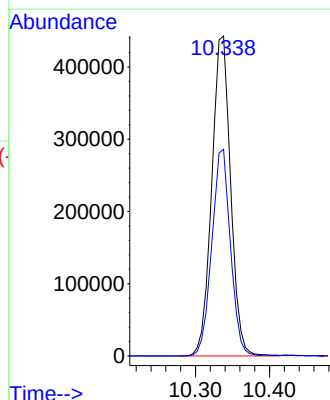
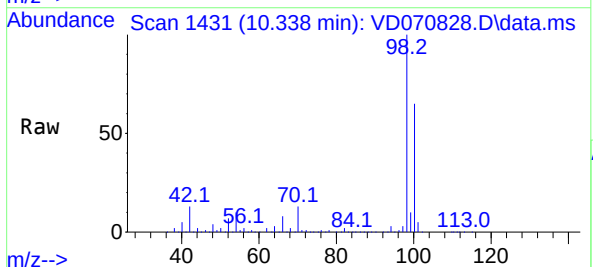
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	18.3	12.7	19.1

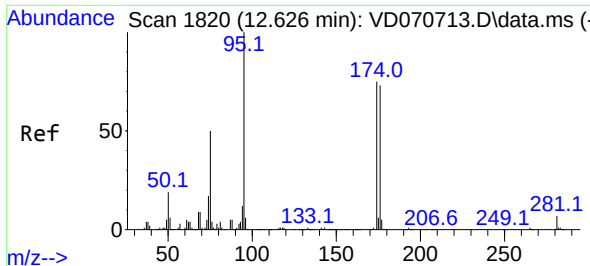


#50
Toluene-d8
Concen: 52.139 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

Tgt Ion: 98 Resp: 783644

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4



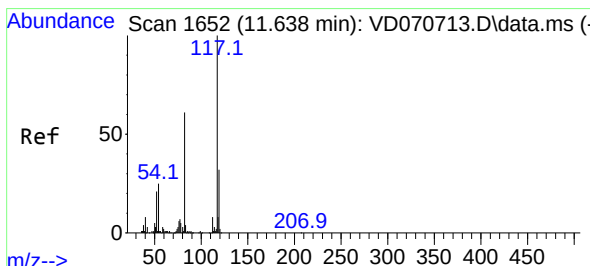
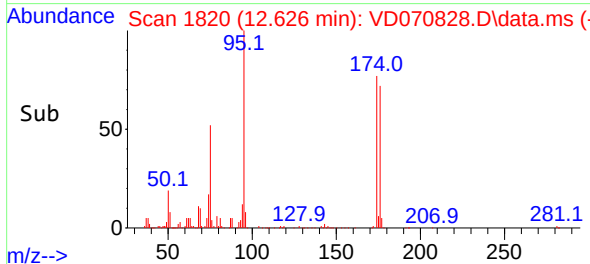
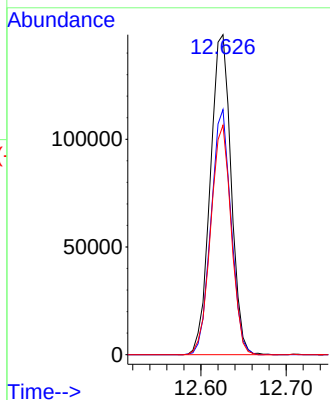
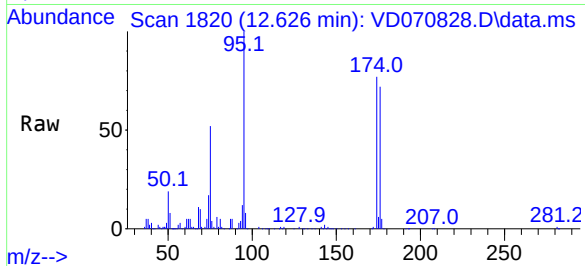


#62
4-Bromofluorobenzene
Concen: 48.744 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

Tgt Ion: 95 Resp: 252262

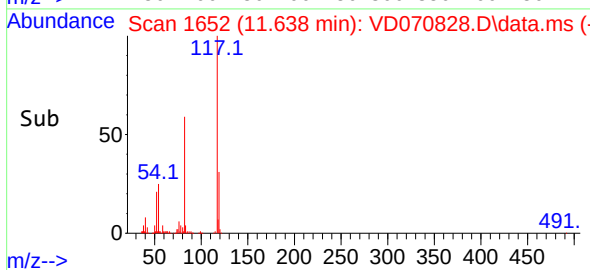
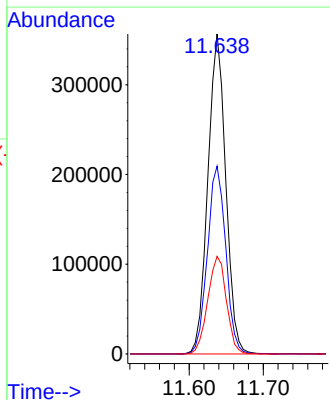
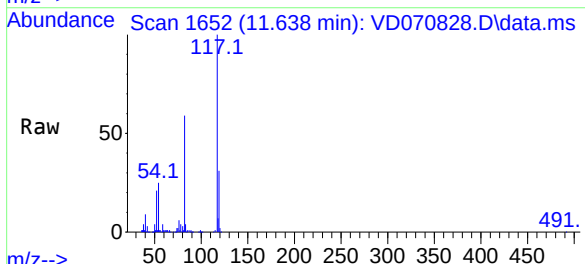
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	138.0
176	70.6	0.0	135.6

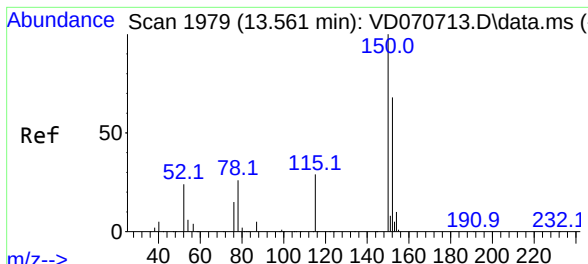


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070828.D
Acq: 22 Oct 2021 16:42

Tgt Ion: 117 Resp: 598572

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.4	68.2
119	30.5	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070828.D
 Acq: 22 Oct 2021 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PAD

Tgt Ion:152 Resp: 249739

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.9	95.7
150	156.9	0.0	350.0

