

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070870.D
 Acq On : 27 Oct 2021 18:09
 Operator : VA/SY
 Sample : M4372-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Oct 28 03:58:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

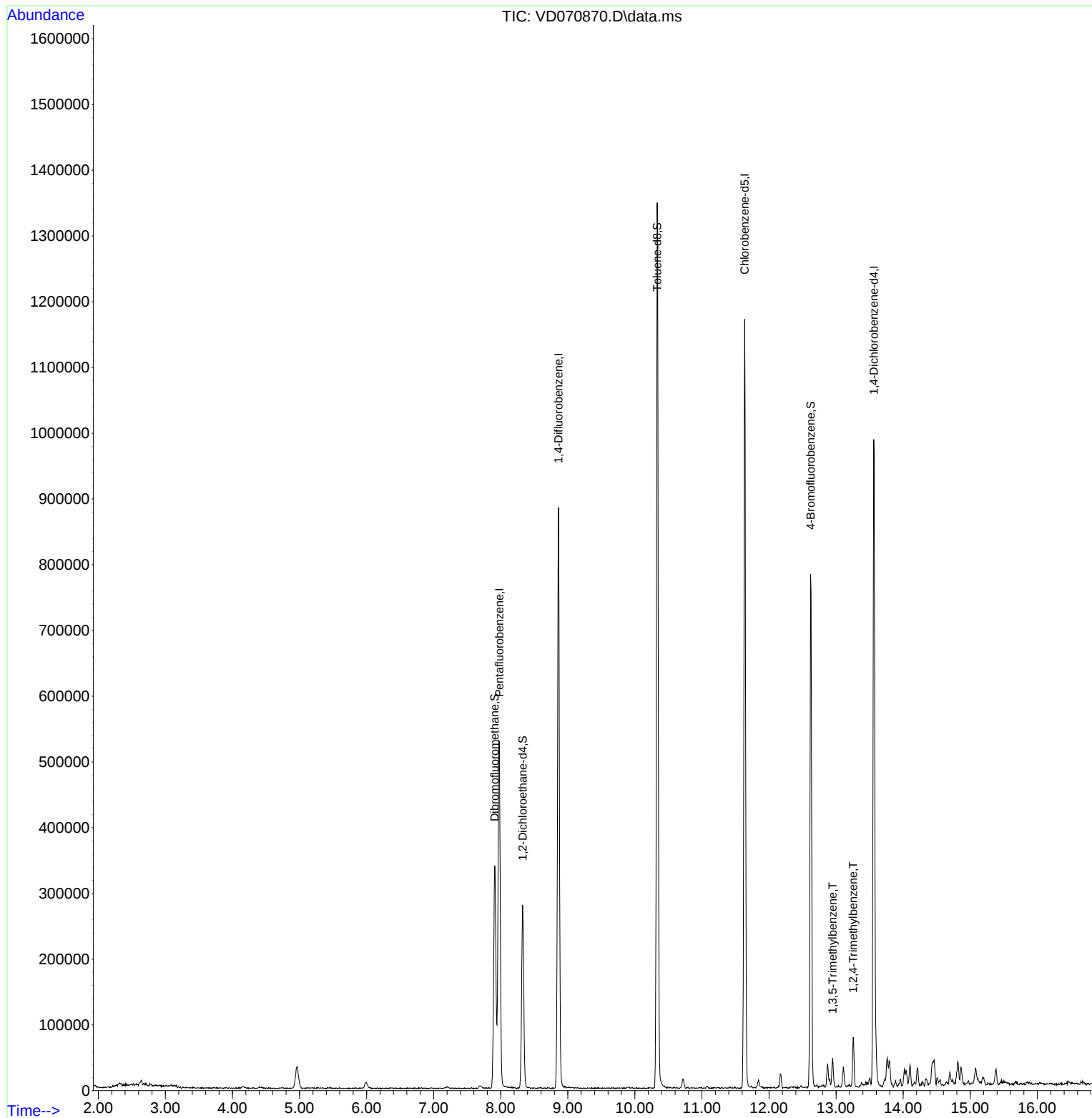
Internal Standards						
1) Pentafluorobenzene	7.979	168	414494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	741867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	702576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210551	50.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.020%	
35) Dibromofluoromethane	7.909	113	251781	51.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.332	98	947620	51.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.620	95	266084	43.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.640%	
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.950	105	18826	1.156	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	39186	2.440	ug/l	98

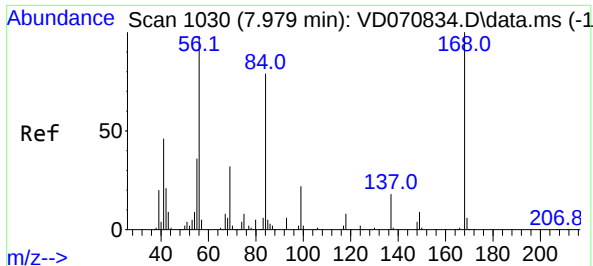
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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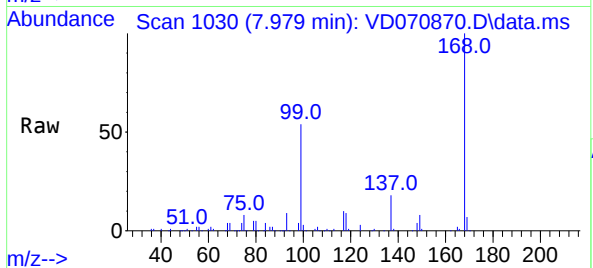
Quant Time: Oct 28 03:58:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
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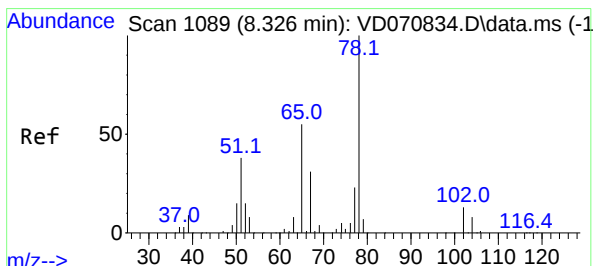
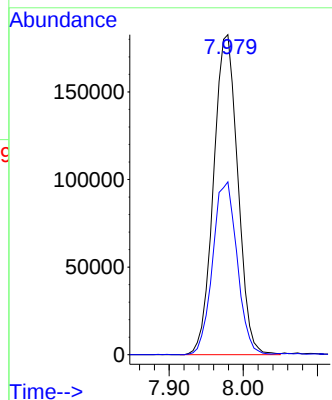
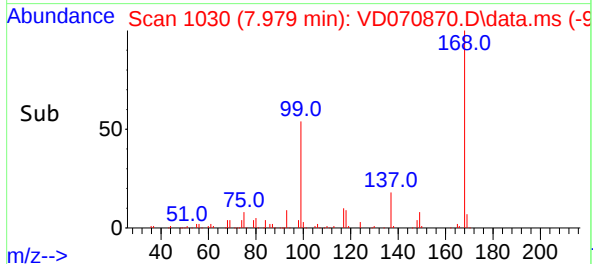


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

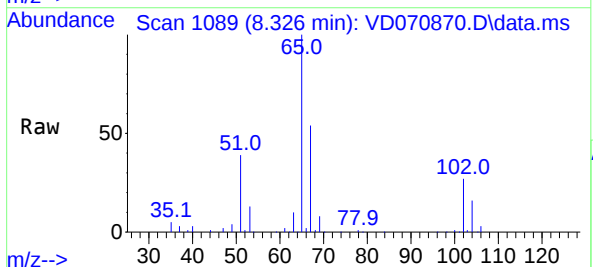
Instrument :
MSVOA_D
ClientSampled :
SB-1



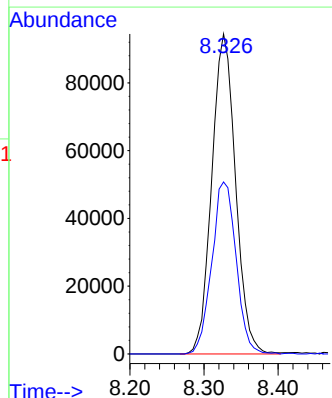
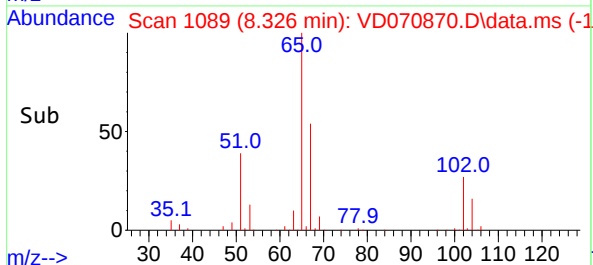
Tgt Ion:168 Resp: 414494
Ion Ratio Lower Upper
168 100
99 54.0 46.6 69.8

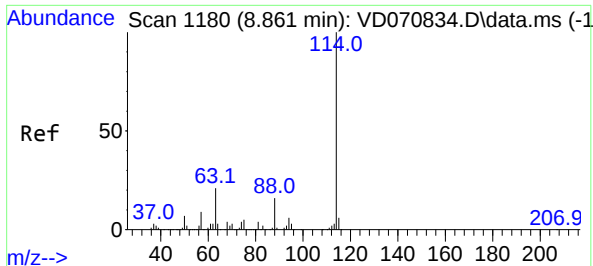


#33
1,2-Dichloroethane-d4
Concen: 50.507 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09



Tgt Ion: 65 Resp: 210551
Ion Ratio Lower Upper
65 100
67 54.9 0.0 112.2



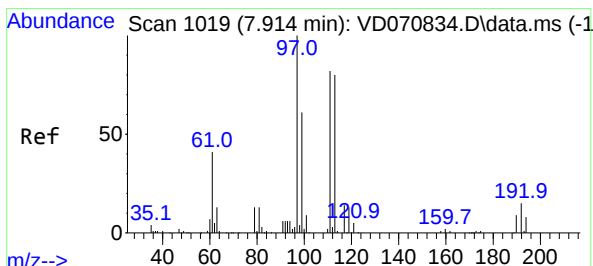
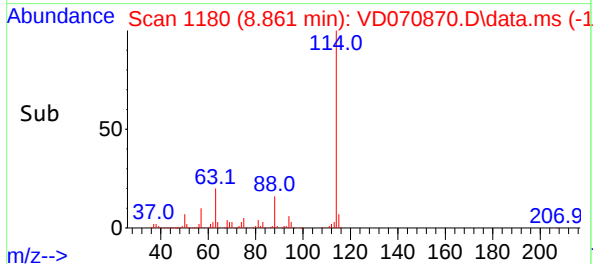
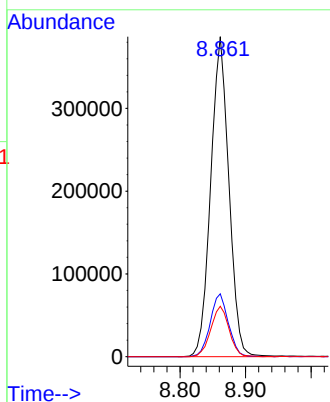
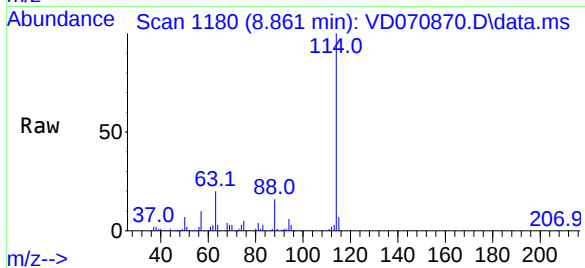


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-1

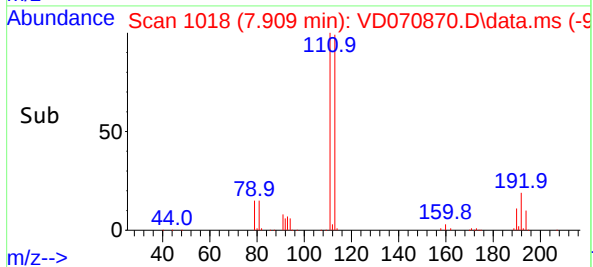
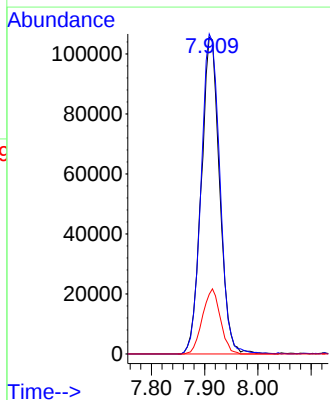
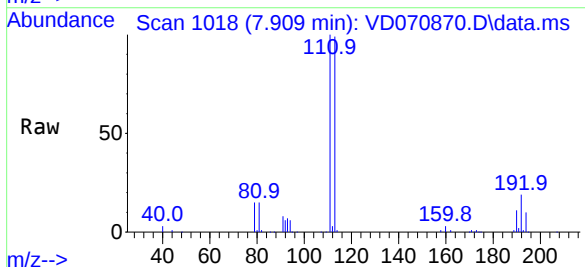
Tgt Ion:	114	Resp:	741867
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.8
88	15.8	0.0	32.8

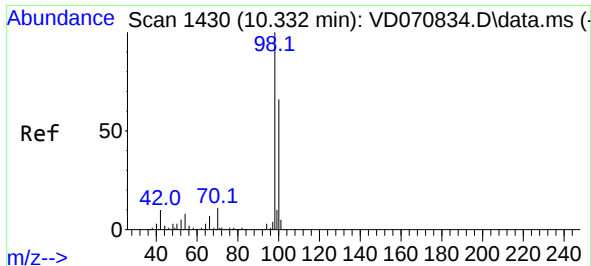


#35

Dibromofluoromethane
Concen: 51.473 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

Tgt Ion:	113	Resp:	251781
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	20.1	15.2	22.8

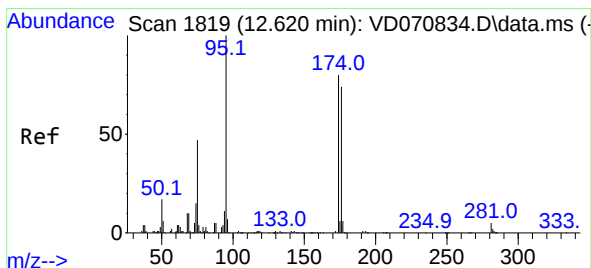
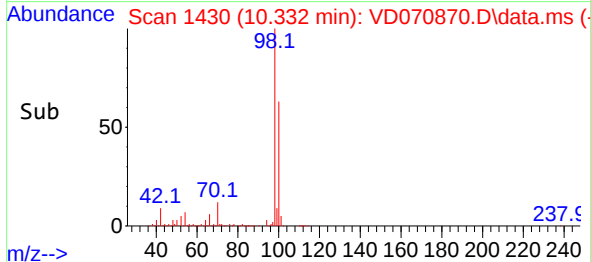
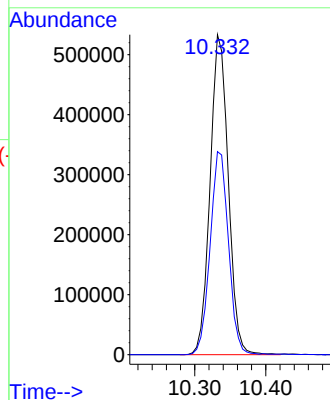
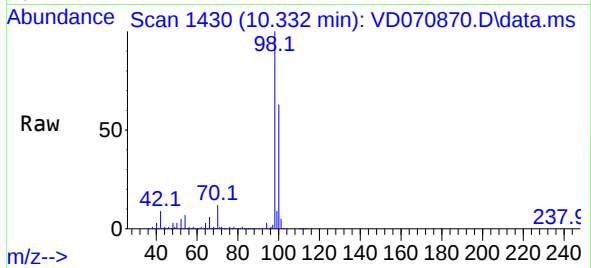




#50
Toluene-d8
Concen: 51.494 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

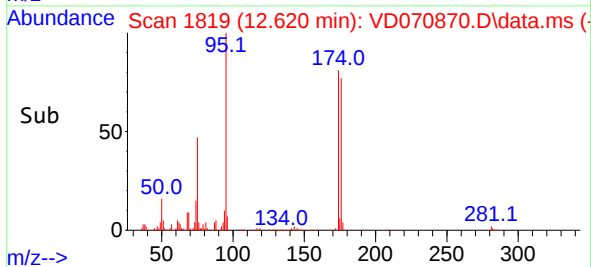
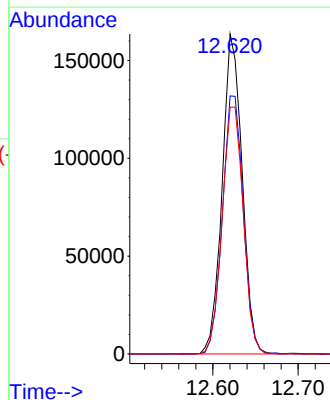
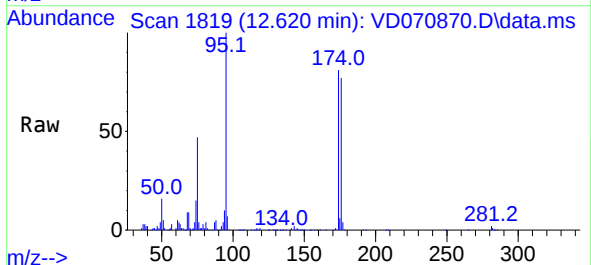
Instrument :
MSVOA_D
ClientSampleId :
SB-1

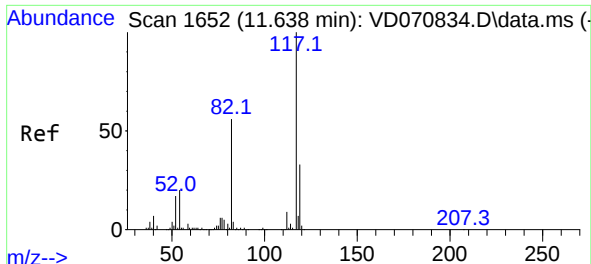
Tgt Ion: 98 Resp: 947620
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.822 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

Tgt Ion: 95 Resp: 266084
Ion Ratio Lower Upper
95 100
174 84.3 0.0 159.4
176 81.8 0.0 154.0

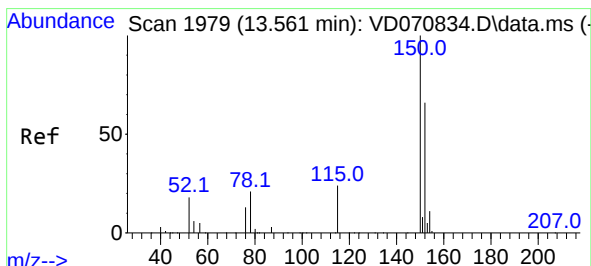
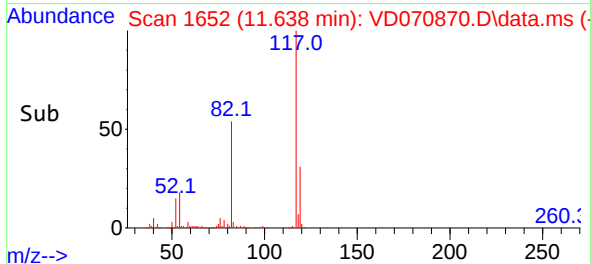
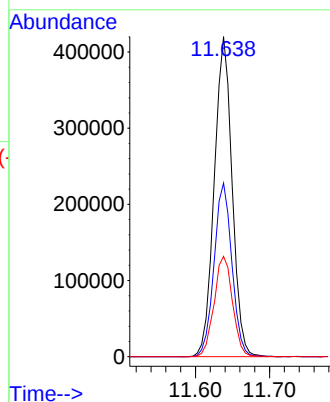
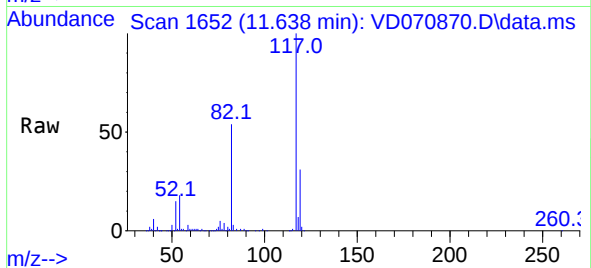




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

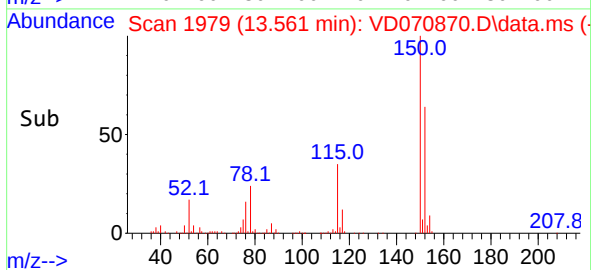
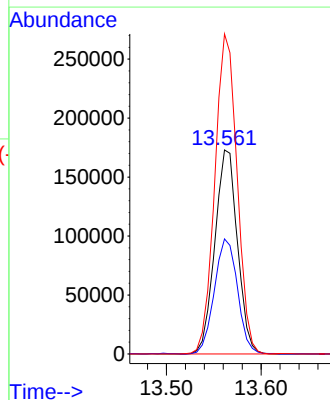
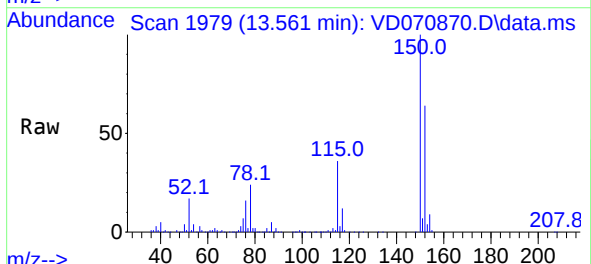
Instrument :
MSVOA_D
ClientSampleId :
SB-1

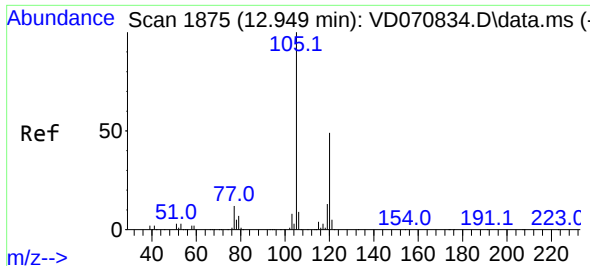
Tgt Ion:117 Resp: 702576
Ion Ratio Lower Upper
117 100
82 54.2 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

Tgt Ion:152 Resp: 287685
Ion Ratio Lower Upper
152 100
115 57.8 29.8 89.3
150 154.4 0.0 349.2

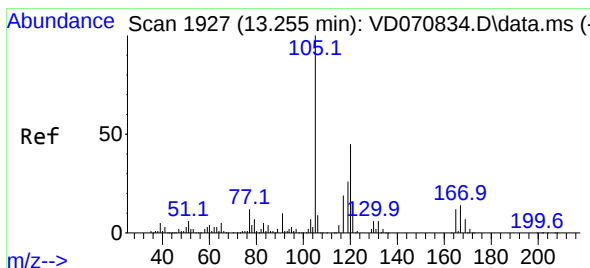
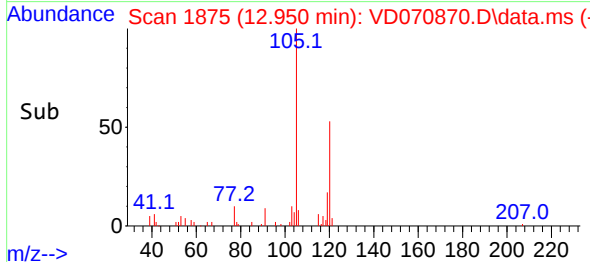
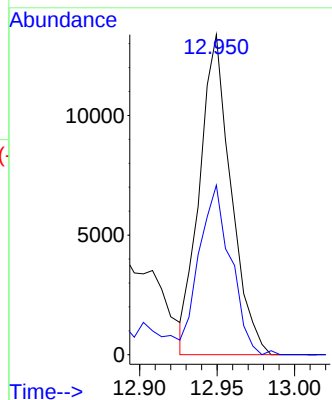
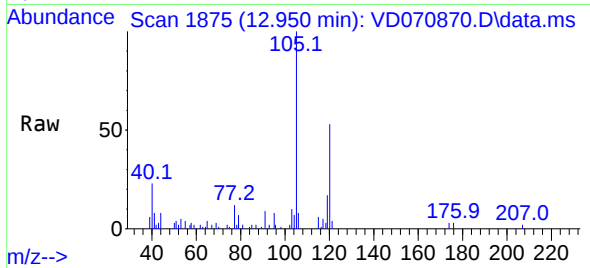




#80
1,3,5-Trimethylbenzene
Concen: 1.156 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

Instrument :
MSVOA_D
ClientSampled :
SB-1

Tgt Ion:105 Resp: 18826
Ion Ratio Lower Upper
105 100
120 53.5 24.6 73.8



#84
1,2,4-Trimethylbenzene
Concen: 2.440 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070870.D
Acq: 27 Oct 2021 18:09

Tgt Ion:105 Resp: 39186
Ion Ratio Lower Upper
105 100
120 47.1 22.9 68.7

