

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070147.D
 Acq On : 19 Aug 2021 02:23
 Operator : VA/SY
 Sample : M3418-01
 Misc : 3.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0510

Quant Time: Aug 19 07:37:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

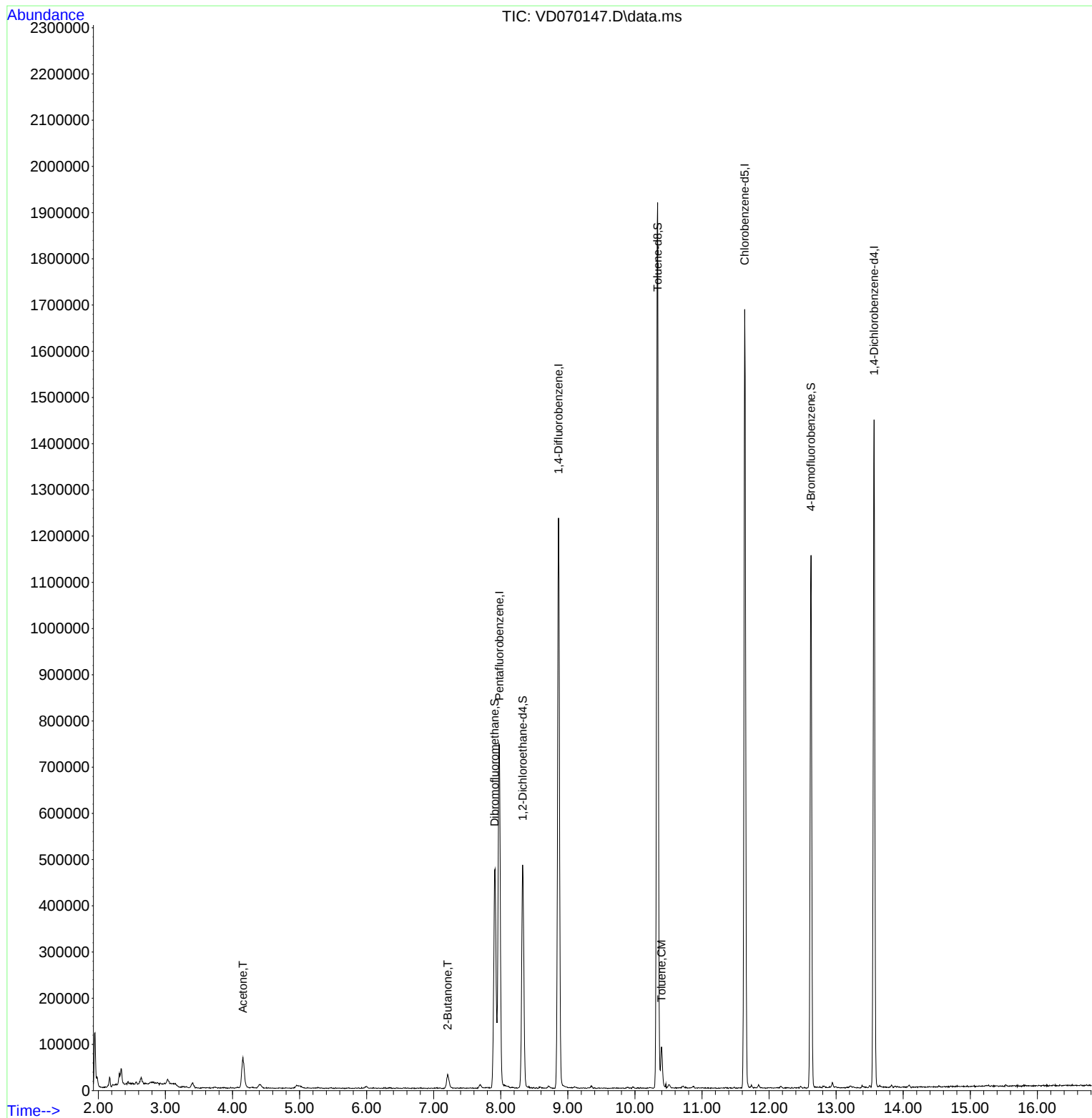
Internal Standards						
1) Pentafluorobenzene	7.979	168	540596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1050584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	989929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	377317	59.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.680%	
35) Dibromofluoromethane	7.908	113	355231	52.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.337	98	1336920	50.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.625	95	403852	46.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.880%	
Target Compounds						
						Qvalue
16) Acetone	4.155	43	111408	95.115	ug/l	95
25) 2-Butanone	7.208	43	39359	24.592	ug/l #	85
52) Toluene	10.396	92	35643	1.786	ug/l	96

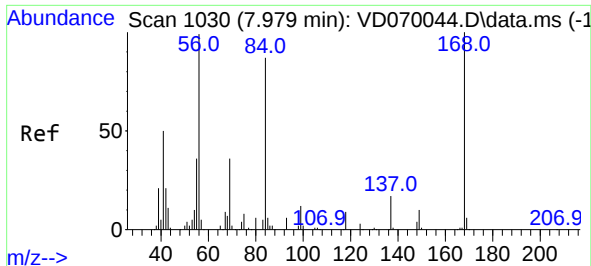
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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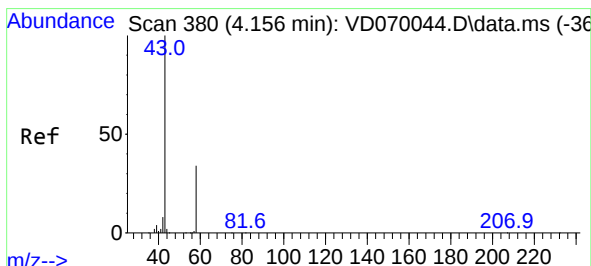
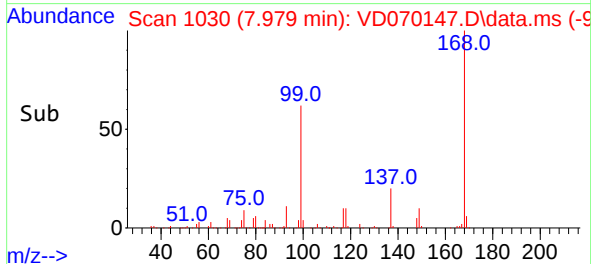
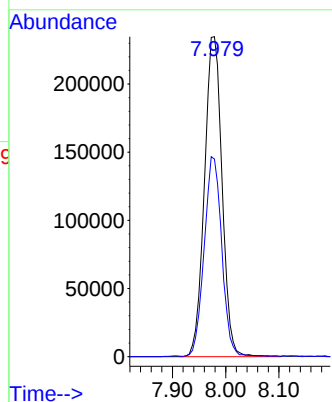
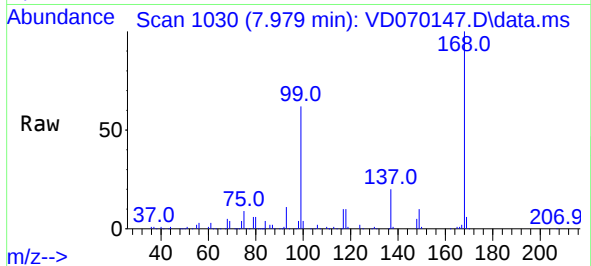




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

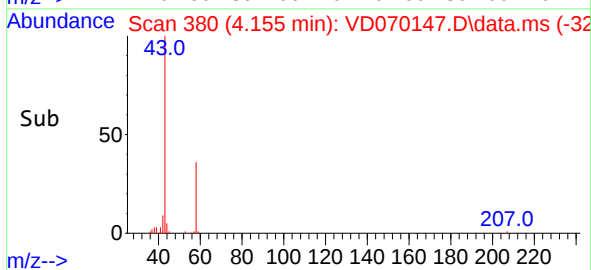
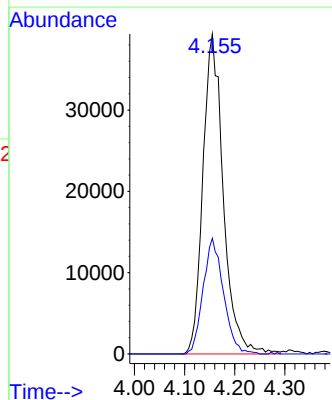
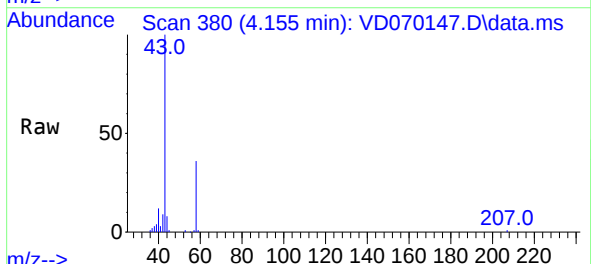
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

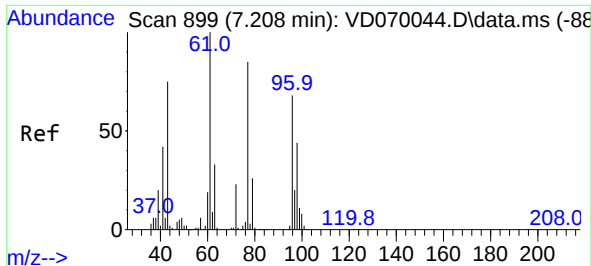
Tgt Ion:168 Resp: 540596
Ion Ratio Lower Upper
168 100
99 61.6 50.3 75.5



#16
Acetone
Concen: 95.115 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 43 Resp: 111408
Ion Ratio Lower Upper
43 100
58 36.1 26.8 40.2

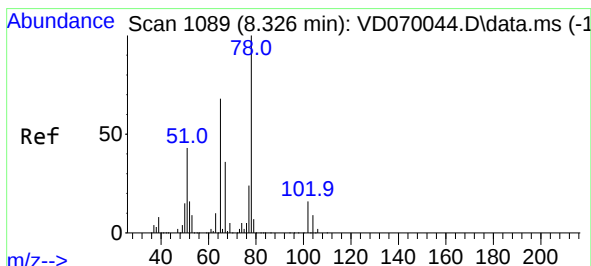
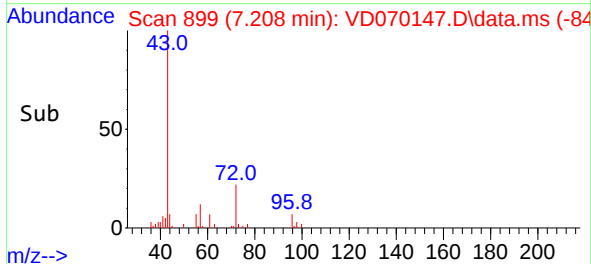
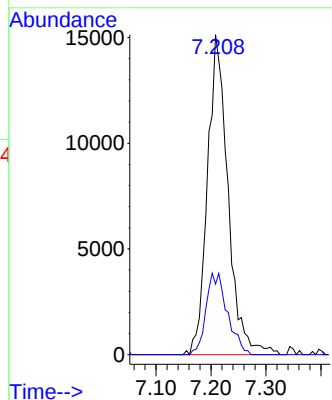
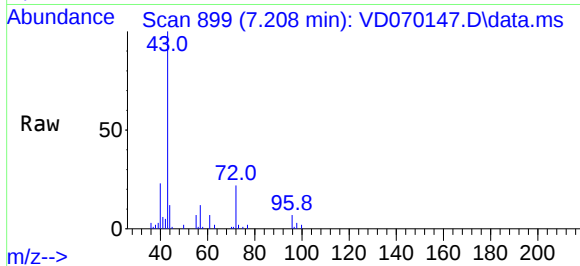




#25
2-Butanone
Concen: 24.592 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

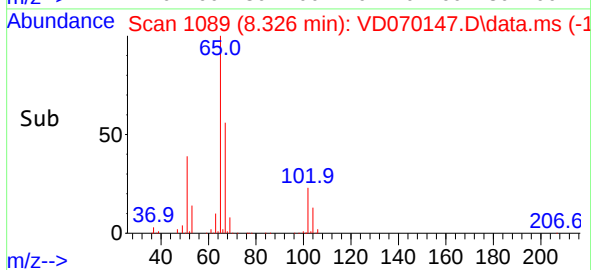
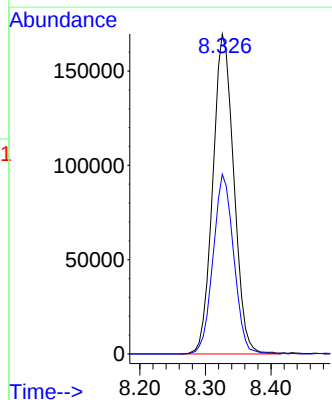
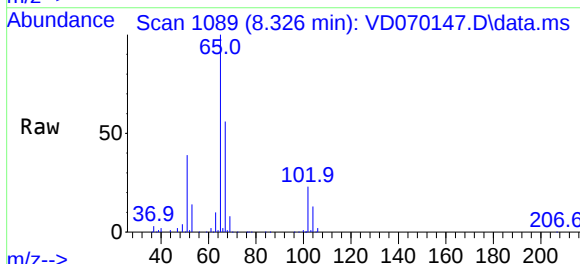
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

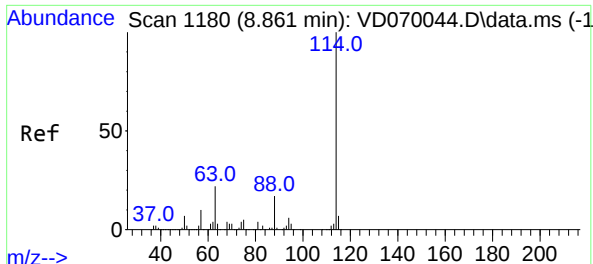
Tgt Ion: 43 Resp: 39359
Ion Ratio Lower Upper
43 100
72 22.1 24.2 36.4#



#33
1,2-Dichloroethane-d4
Concen: 59.343 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 65 Resp: 377317
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.8



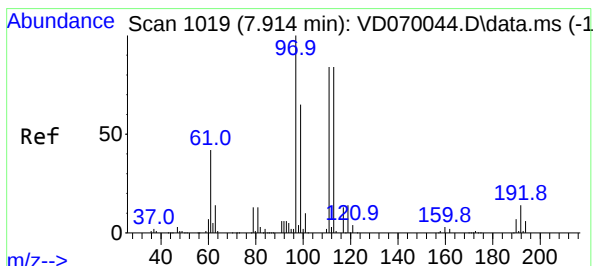
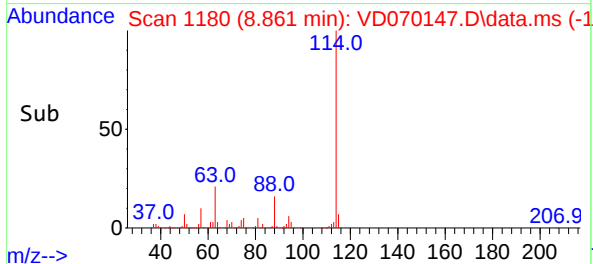
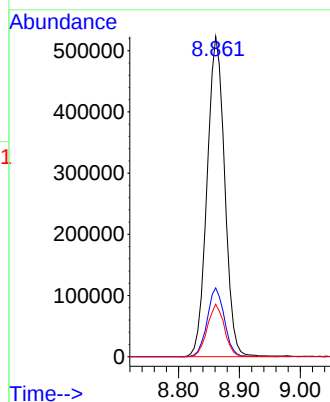
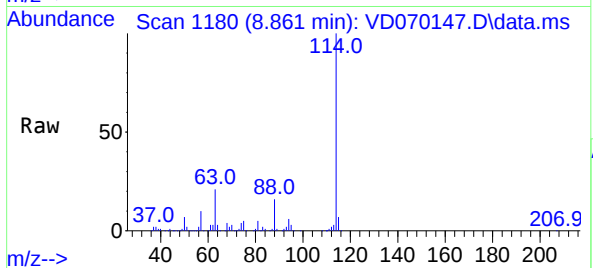


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

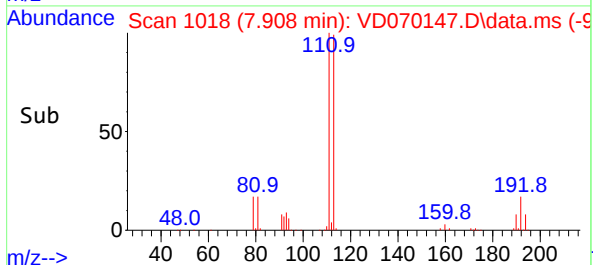
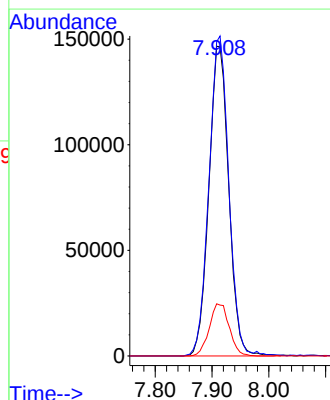
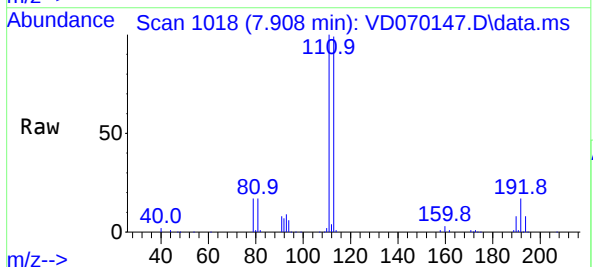
Tgt Ion:114 Resp: 1050584
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.6
88 16.4 0.0 33.4

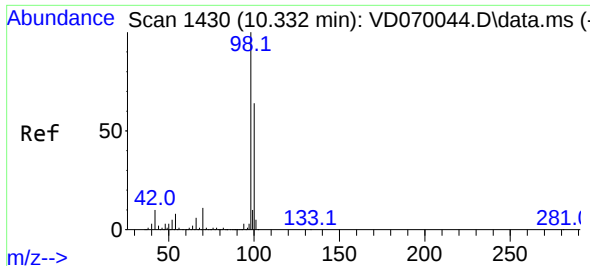


#35

Dibromofluoromethane
Concen: 52.336 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion:113 Resp: 355231
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.9 13.2 19.8

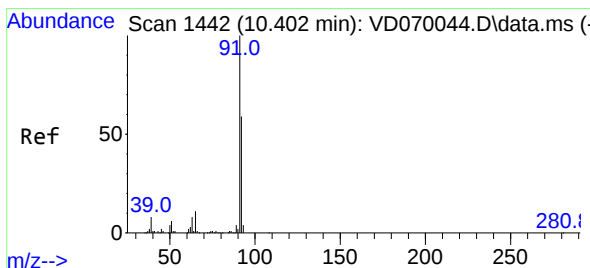
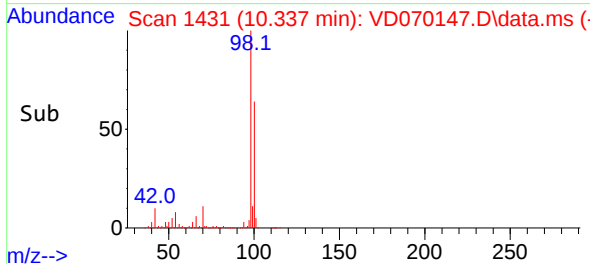
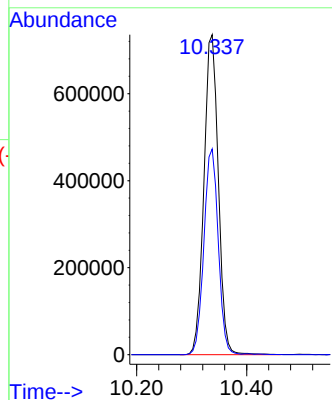
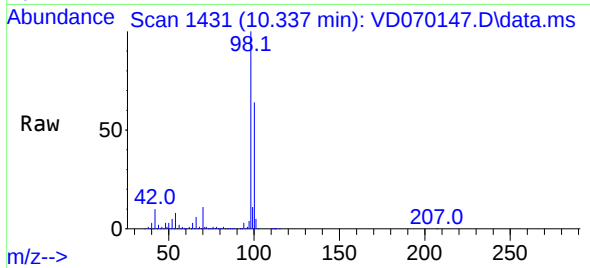




#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

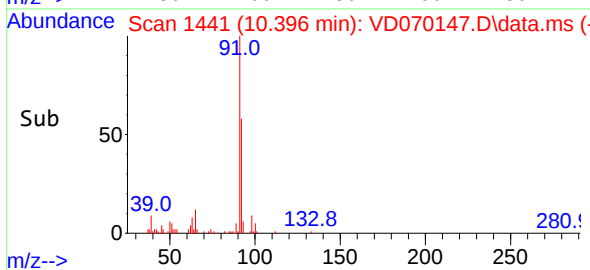
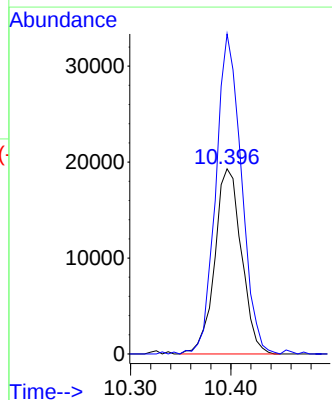
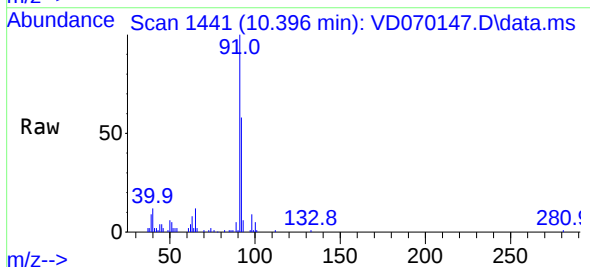
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

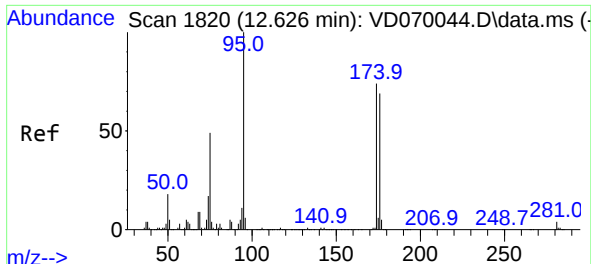
Tgt Ion: 98 Resp: 1336920
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#52
Toluene
Concen: 1.786 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 92 Resp: 35643
Ion Ratio Lower Upper
92 100
91 166.1 137.2 205.8



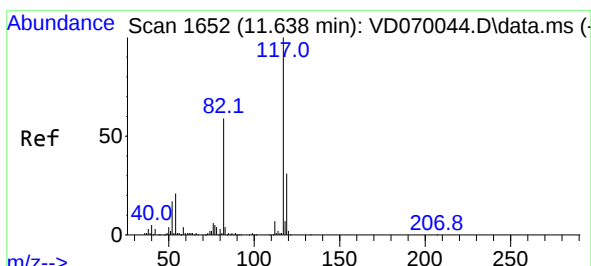
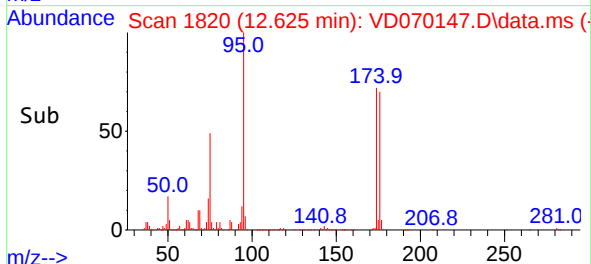
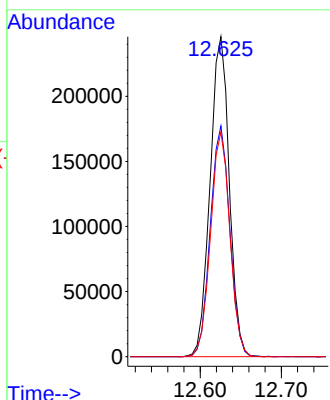
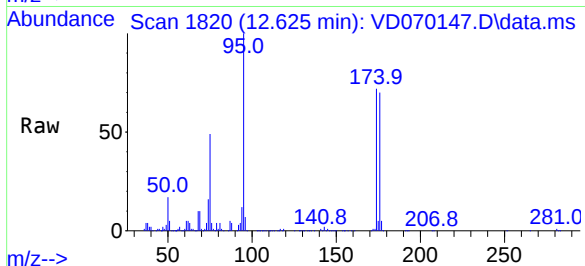


#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

Tgt Ion: 95 Resp: 403852

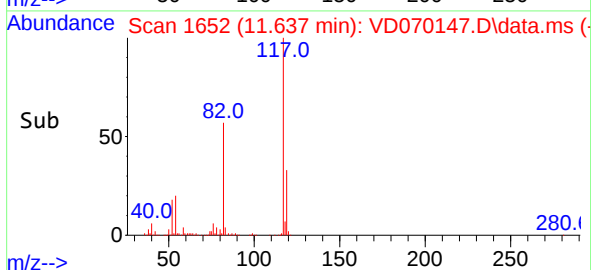
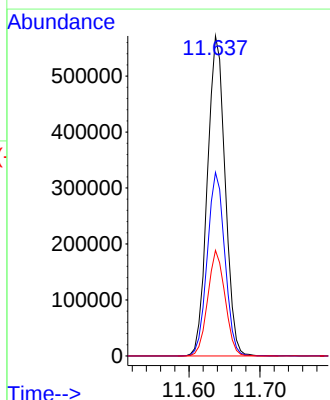
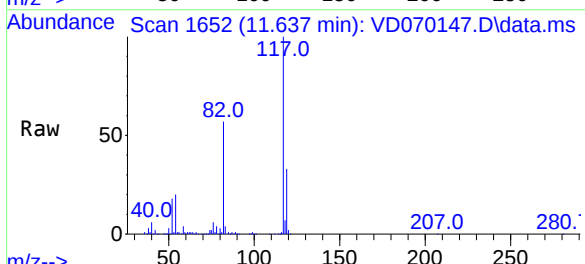
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	141.6
176	70.5	0.0	138.2

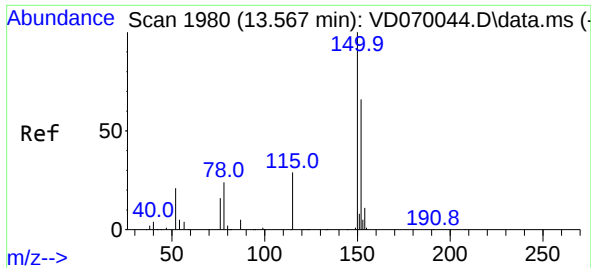


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 117 Resp: 989929

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.5	71.3
119	33.0	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070147.D
 Acq: 19 Aug 2021 02:23

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0510

Tgt Ion:	152	Resp:	387304
Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.2	93.6
150	155.4	0.0	352.0

