

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070200.D
 Acq On : 20 Aug 2021 13:54
 Operator : VA/SY
 Sample : M3418-09RE
 Misc : 3.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-15-0510RE

Quant Time: Aug 23 03:52:35 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)

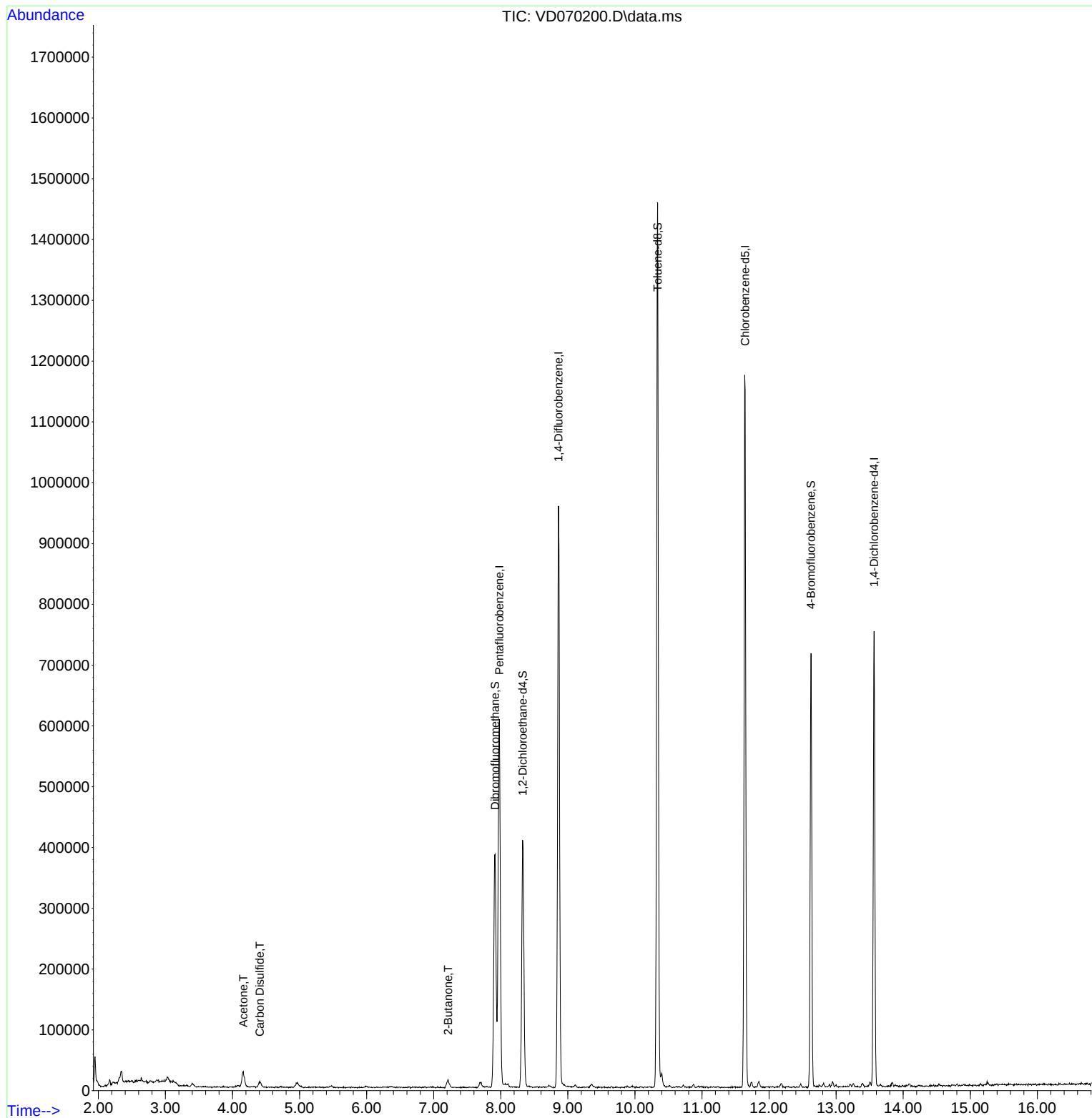
Internal Standards						
1) Pentafluorobenzene	7.979	168	423719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	804556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	701251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	198081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	308286	61.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.720%
35) Dibromofluoromethane	7.914	113	291803	56.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.280%
50) Toluene-d8	10.337	98	1006490	49.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.626	95	246435	37.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.020%
Target Compounds					Qvalue	
16) Acetone	4.161	43	43475	47.355	ug/l	98
17) Carbon Disulfide	4.408	76	19295	1.060	ug/l	98
25) 2-Butanone	7.214	43	13215	10.534	ug/l	94

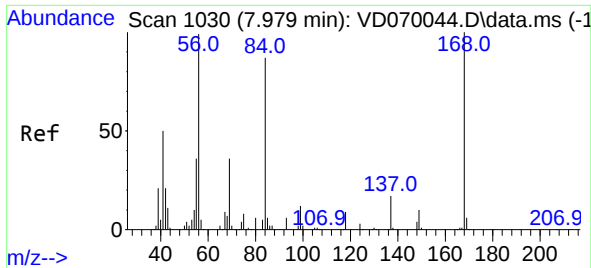
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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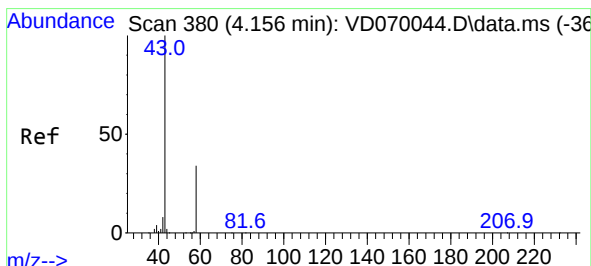
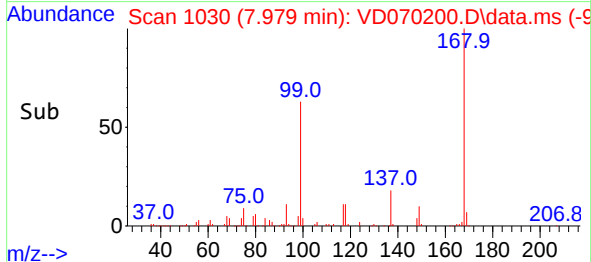
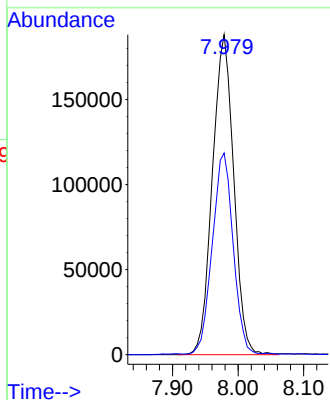
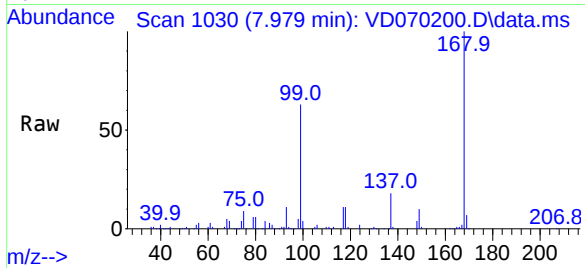




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

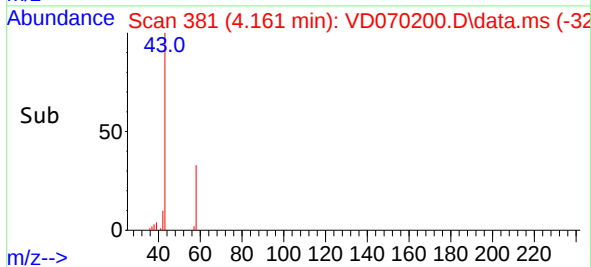
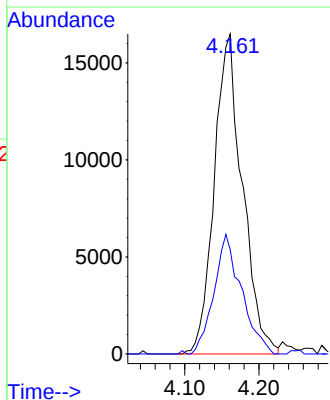
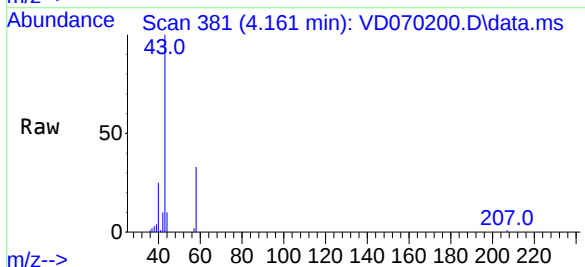
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0510RE

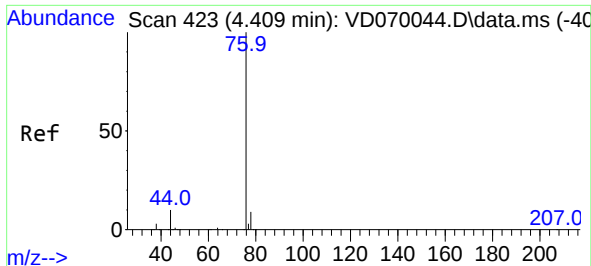
Tgt Ion:168 Resp: 423719
Ion Ratio Lower Upper
168 100
99 62.8 50.3 75.5



#16
Acetone
Concen: 47.355 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 43 Resp: 43475
Ion Ratio Lower Upper
43 100
58 32.6 26.8 40.2

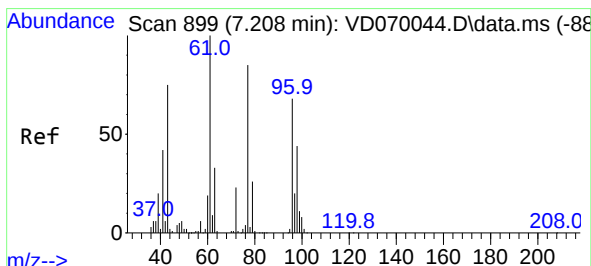
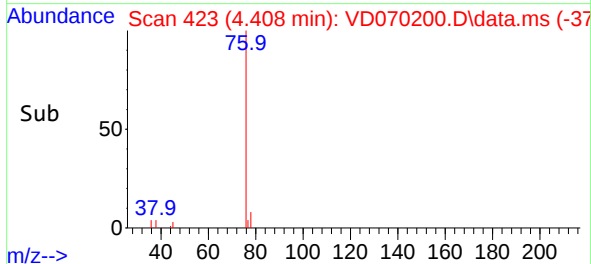
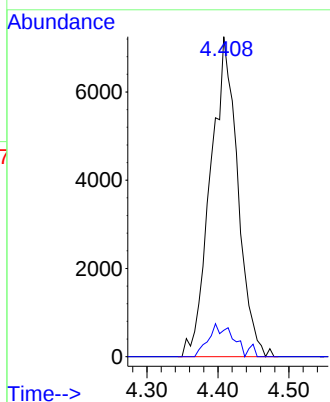
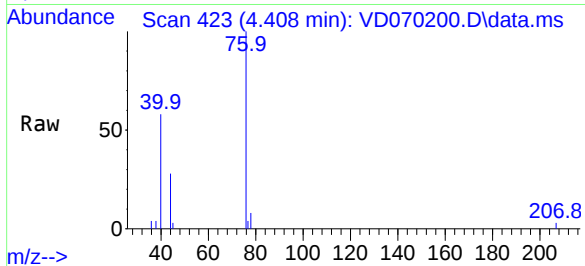




#17
Carbon Disulfide
Concen: 1.060 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

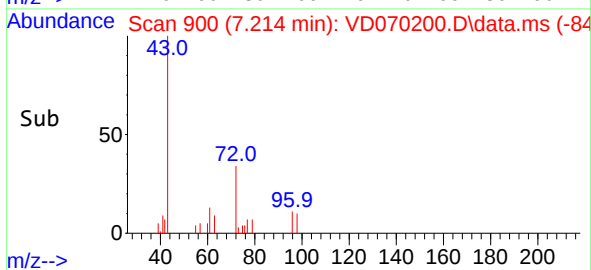
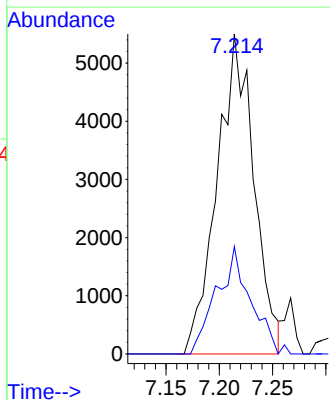
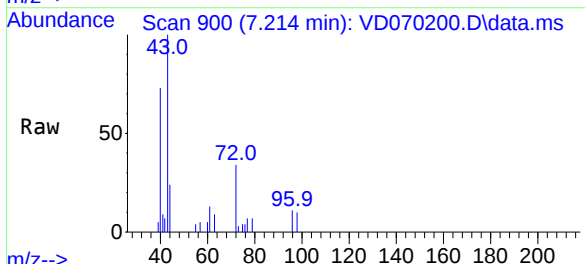
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0510RE

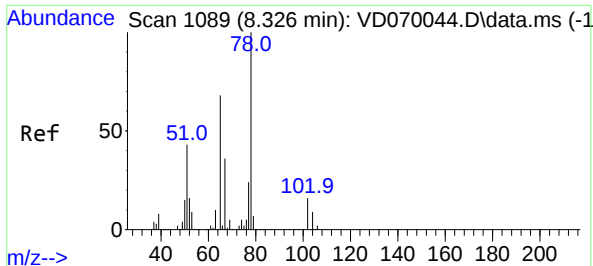
Tgt Ion: 76 Resp: 19295
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#25
2-Butanone
Concen: 10.534 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 43 Resp: 13215
Ion Ratio Lower Upper
43 100
72 33.6 24.2 36.4



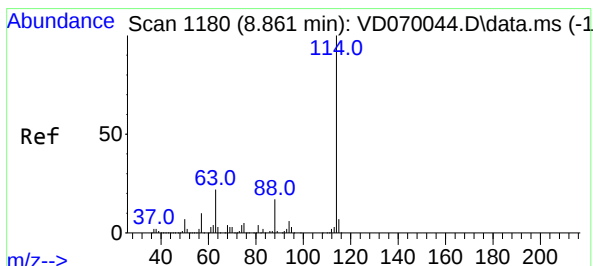
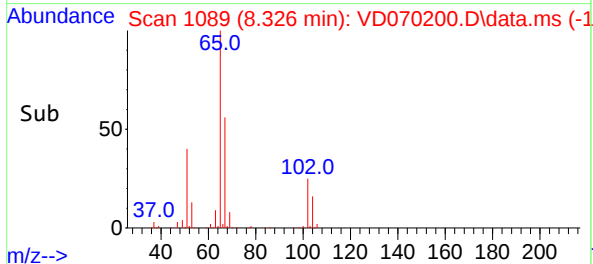
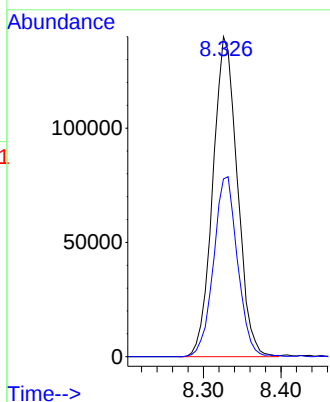
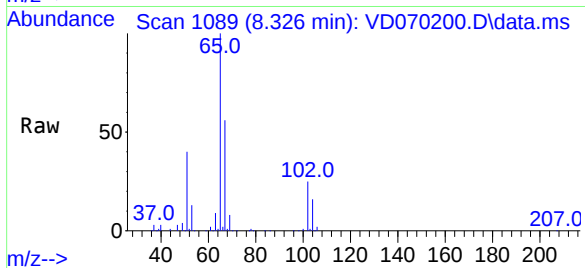


#33

1,2-Dichloroethane-d4
Concen: 61.860 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0510RE

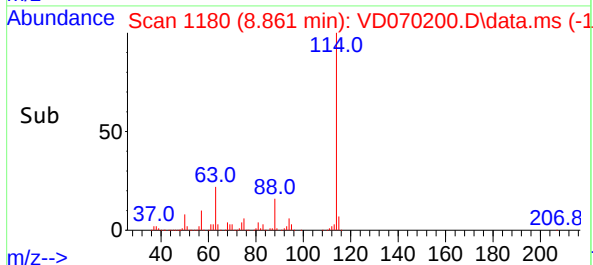
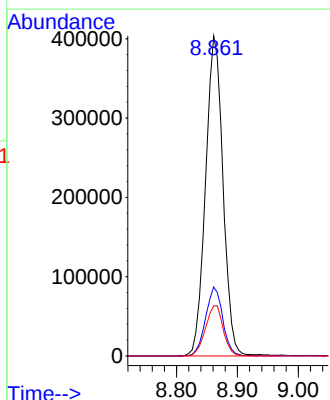
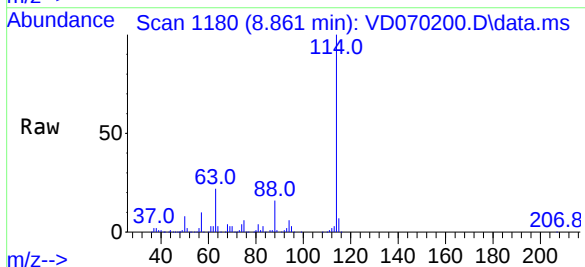
Tgt Ion: 65 Resp: 308286
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8

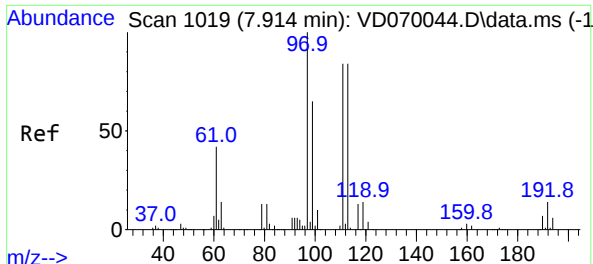


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion:114 Resp: 804556
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 15.7 0.0 33.4

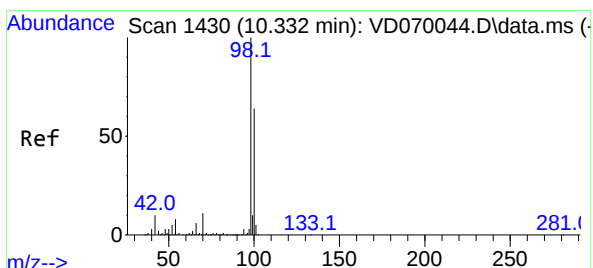
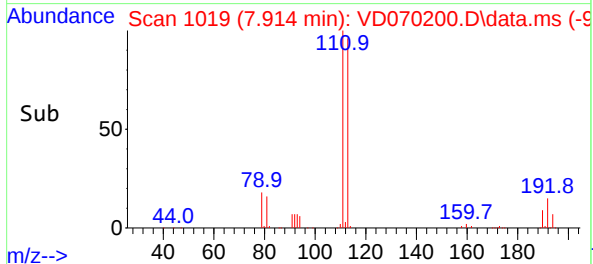
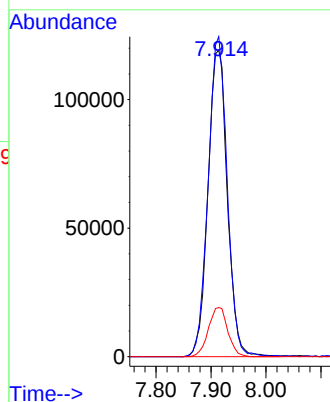
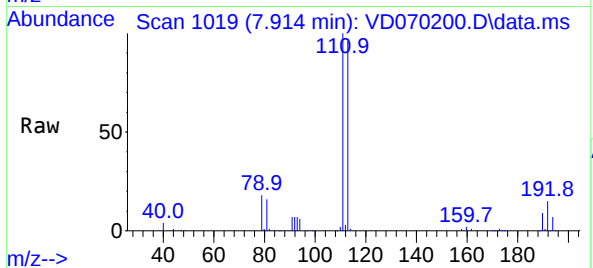




#35
Dibromofluoromethane
Concen: 56.138 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

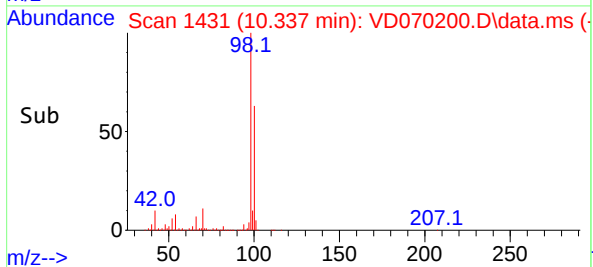
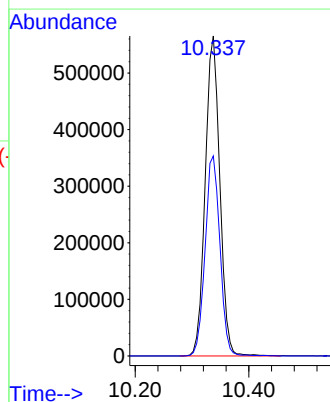
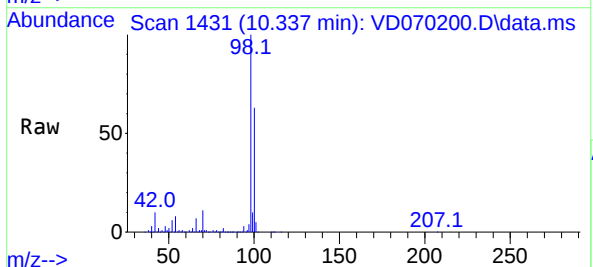
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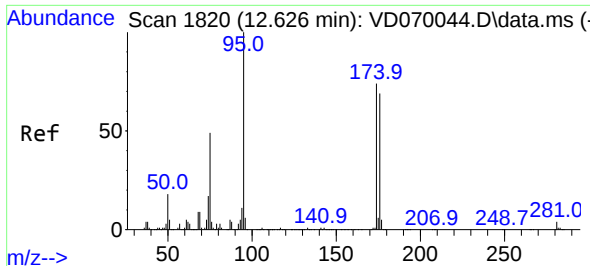
Tgt Ion:113 Resp: 291803
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.0 13.2 19.8



#50
Toluene-d8
Concen: 49.784 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 98 Resp: 1006490
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8

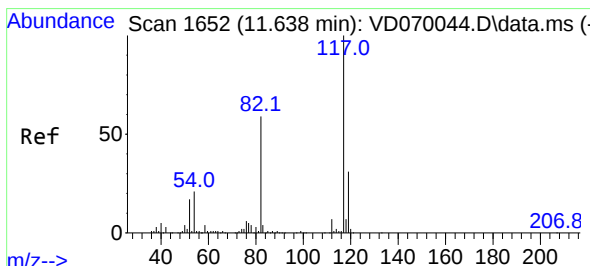
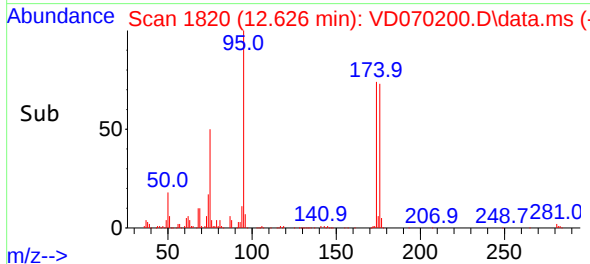
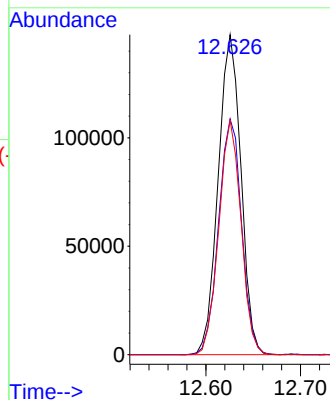
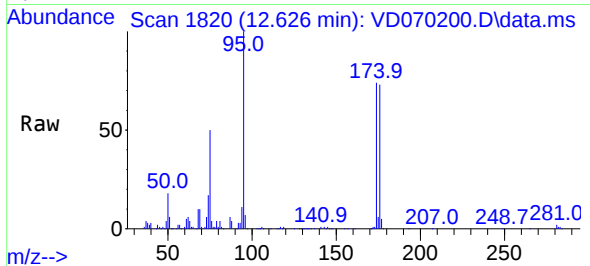




#62
4-Bromofluorobenzene
Concen: 37.008 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

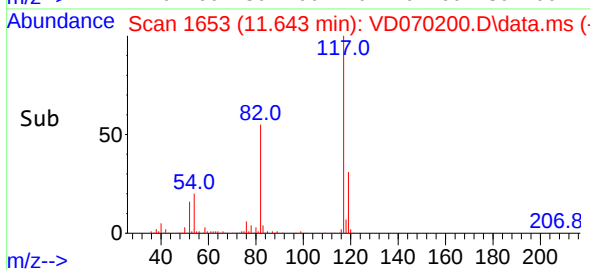
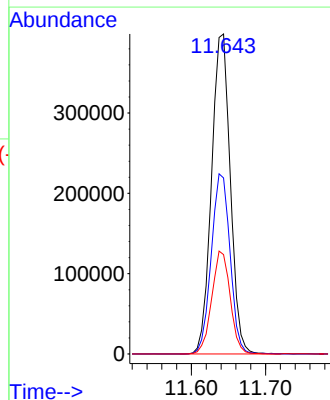
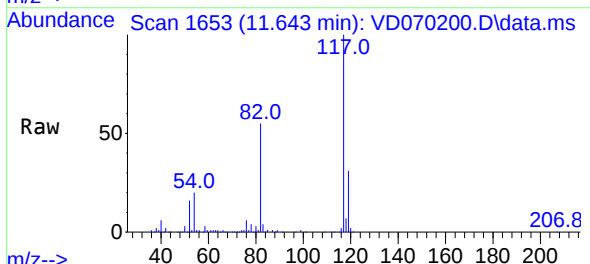
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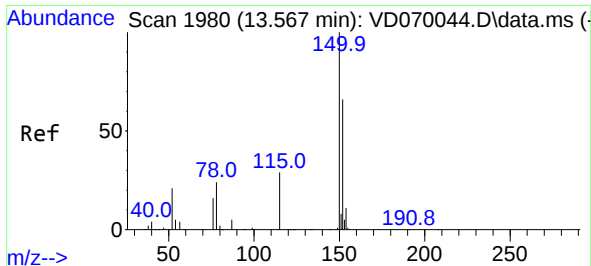
Tgt Ion: 95 Resp: 246435
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.6
176 71.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 117 Resp: 701251
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 31.1 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: VD070200.D
 Acq: 20 Aug 2021 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-15-0510RE

Tgt Ion:152 Resp: 198081
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.2 93.6
 150 159.4 0.0 352.0

