

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070988.D
 Acq On : 11 Nov 2021 13:34
 Operator : VA/SY
 Sample : M4576-01
 Misc : 4.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(12-12.5)

Quant Time: Nov 12 08:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

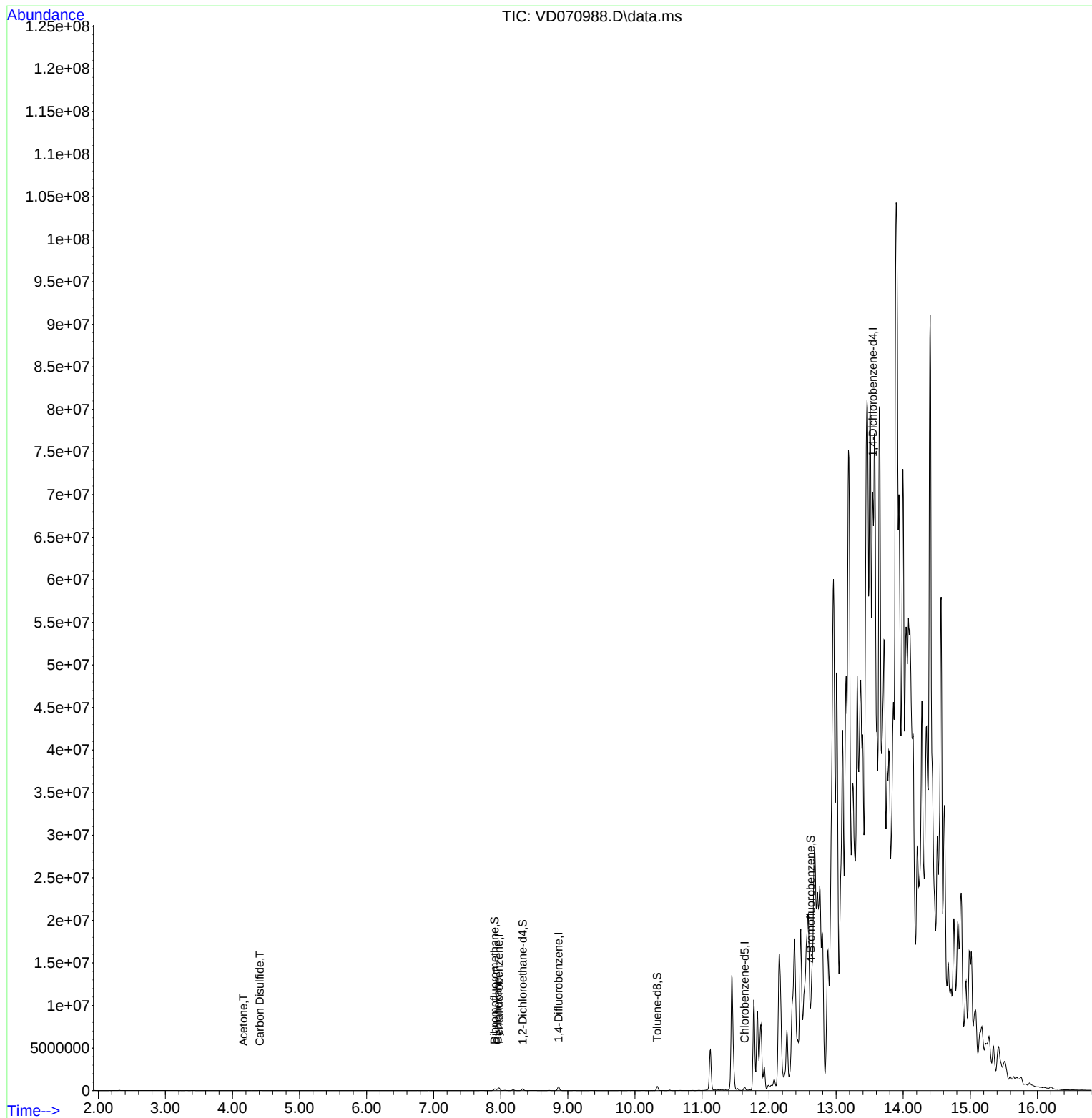
Internal Standards						
1) Pentafluorobenzene	7.973	168	190504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	379781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	190939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	600989	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158149	77.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.940%
35) Dibromofluoromethane	7.908	113	141554	66.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.100%
50) Toluene-d8	10.332	98	323157	38.505	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.000%
62) 4-Bromofluorobenzene	12.620	95	410788	135.939	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	271.880%#
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	4563	27.467	ug/l #	69
17) Carbon Disulfide	4.409	76	19777	3.386	ug/l #	92
31) Cyclohexane	7.955	56	26257	6.295	ug/l #	65

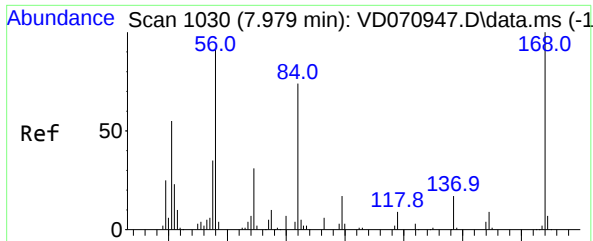
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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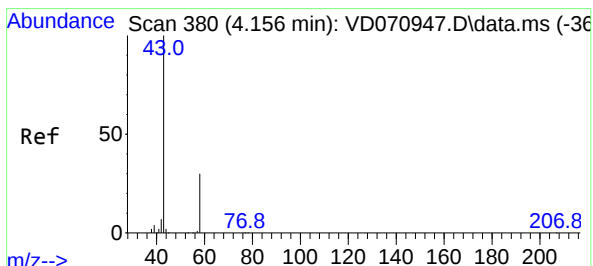
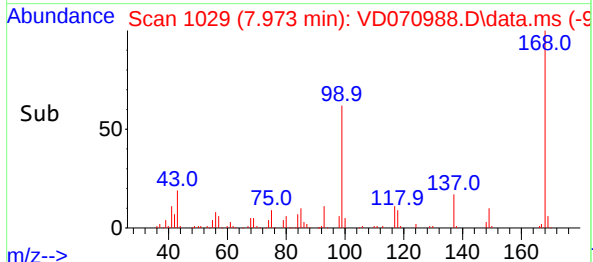
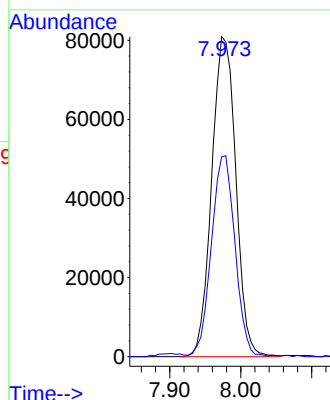
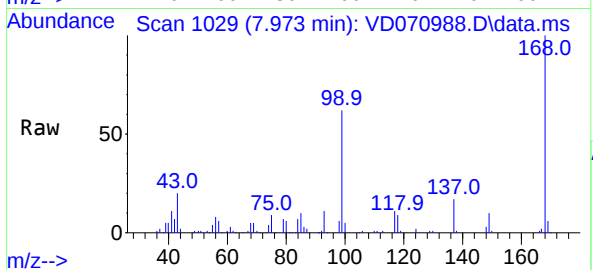




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

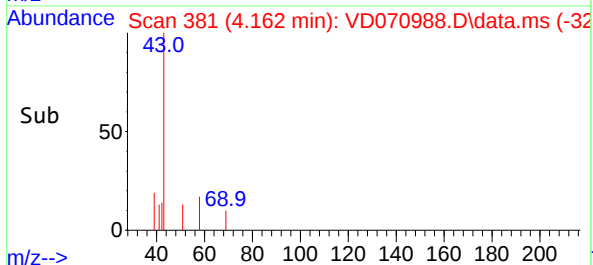
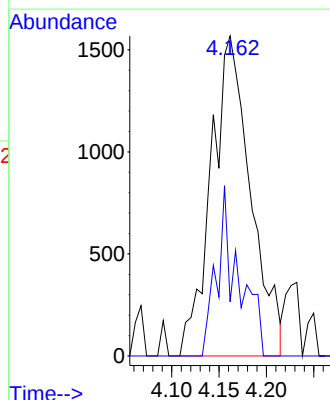
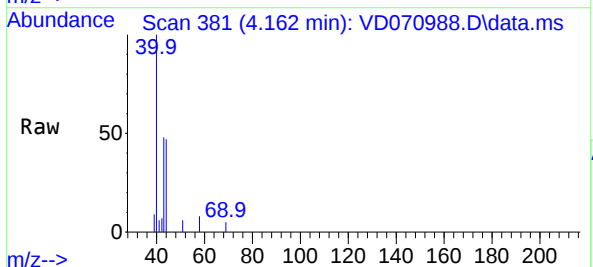
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)

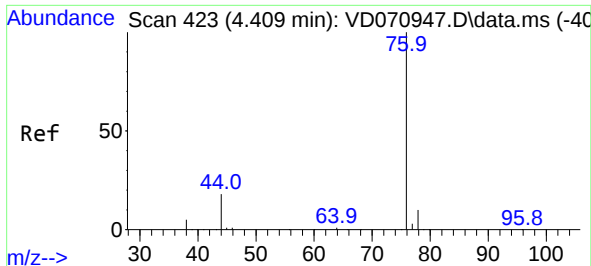
Tgt Ion:168 Resp: 190504
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#16
Acetone
Concen: 27.467 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

Tgt Ion: 43 Resp: 4563
Ion Ratio Lower Upper
43 100
58 17.0 27.8 41.8#

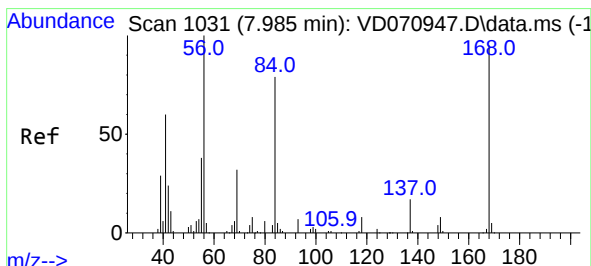
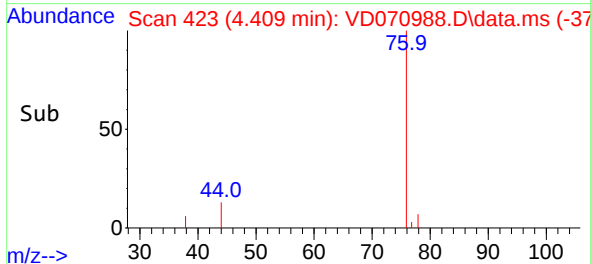
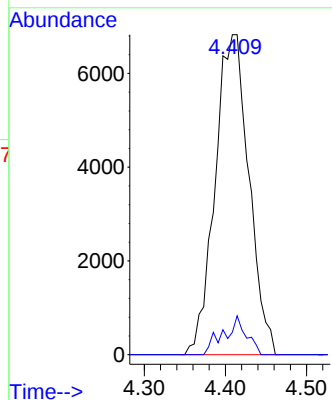
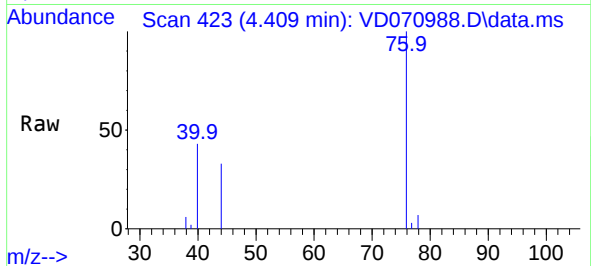




#17
Carbon Disulfide
Concen: 3.386 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

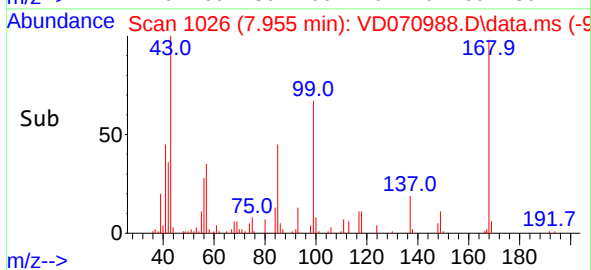
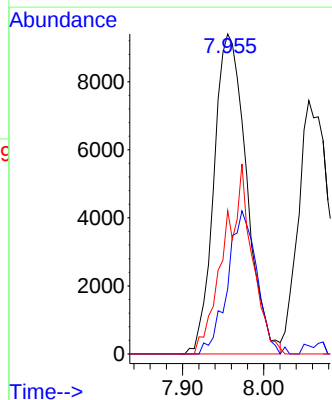
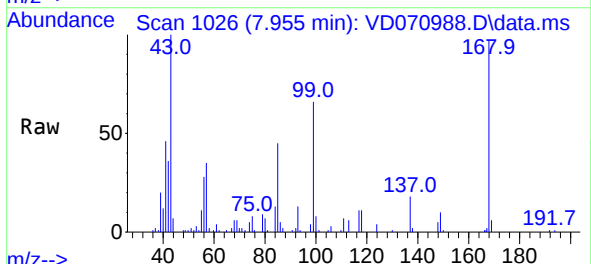
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)

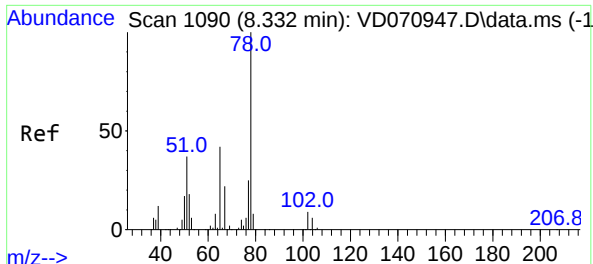
Tgt Ion: 76 Resp: 19777
Ion Ratio Lower Upper
76 100
78 7.0 7.8 11.8#



#31
Cyclohexane
Concen: 6.295 ug/l
RT: 7.955 min Scan# 1026
Delta R.T. -0.030 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

Tgt Ion: 56 Resp: 26257
Ion Ratio Lower Upper
56 100
69 20.4 25.9 38.9#
84 44.8 64.3 96.5#

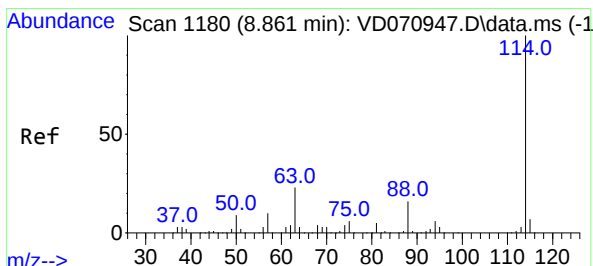
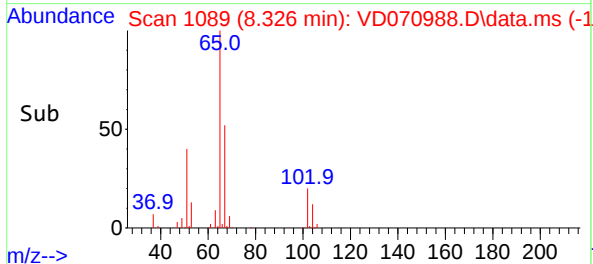
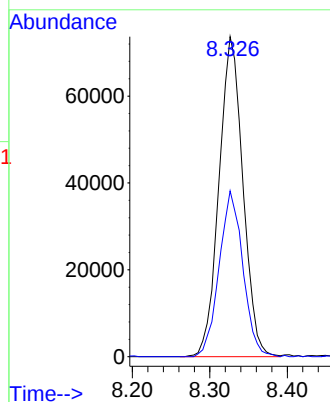
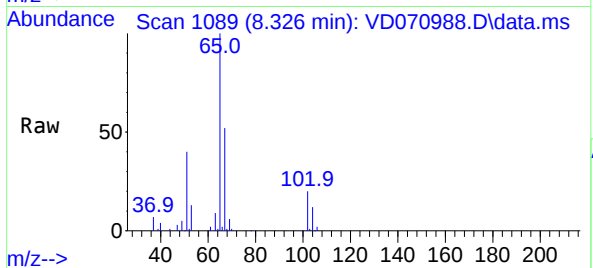




#33
1,2-Dichloroethane-d4
Concen: 77.971 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

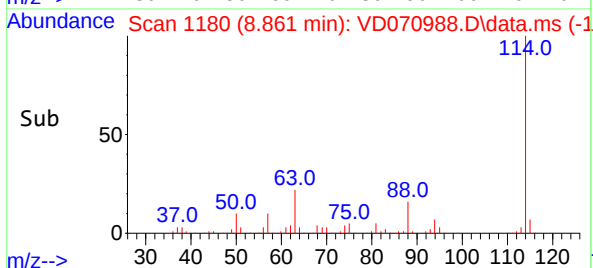
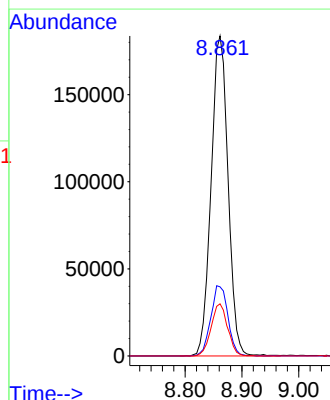
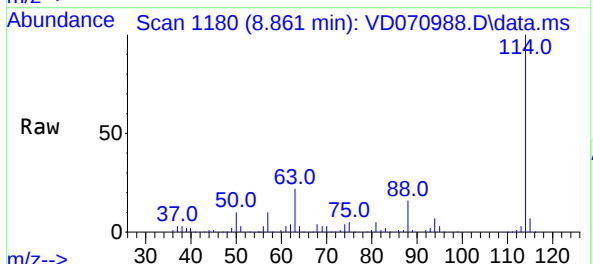
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)

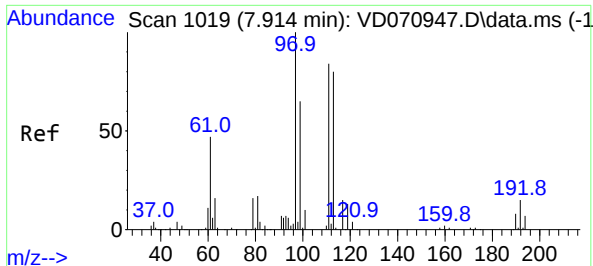
Tgt Ion: 65 Resp: 158149
Ion Ratio Lower Upper
65 100
67 51.4 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

Tgt Ion:114 Resp: 379781
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.3 0.0 32.8

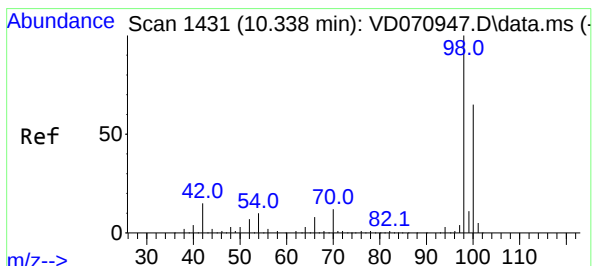
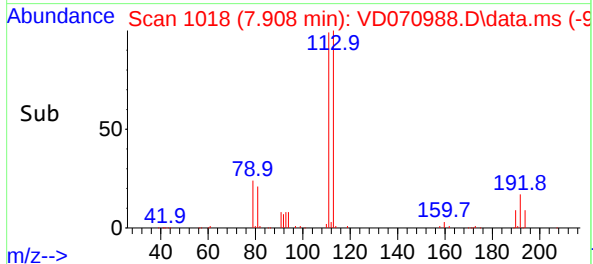
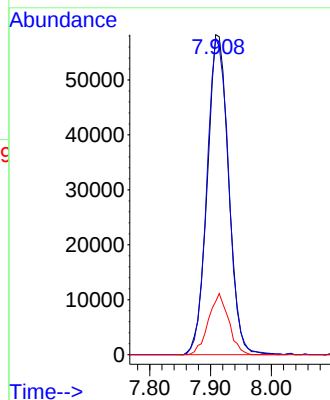
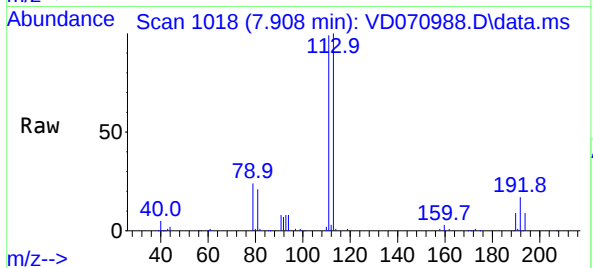




#35
Dibromofluoromethane
Concen: 66.053 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

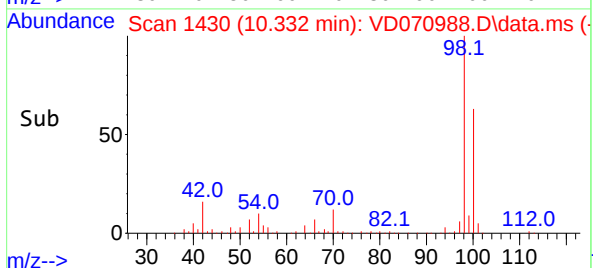
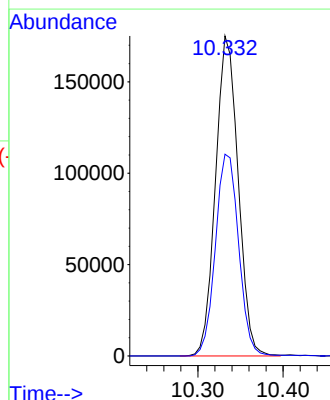
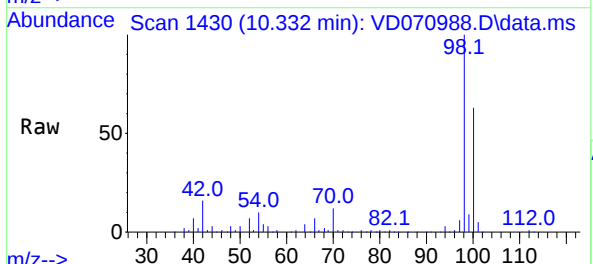
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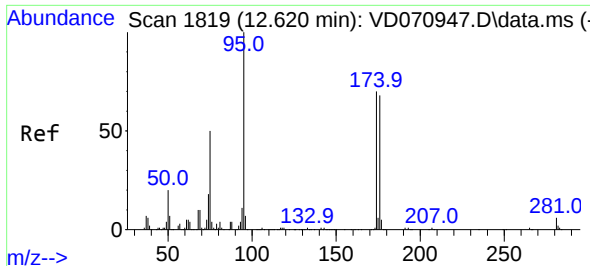
Tgt Ion:113 Resp: 141554
Ion Ratio Lower Upper
113 100
111 100.6 82.0 123.0
192 18.1 15.2 22.8



#50
Toluene-d8
Concen: 38.505 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

Tgt Ion: 98 Resp: 323157
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

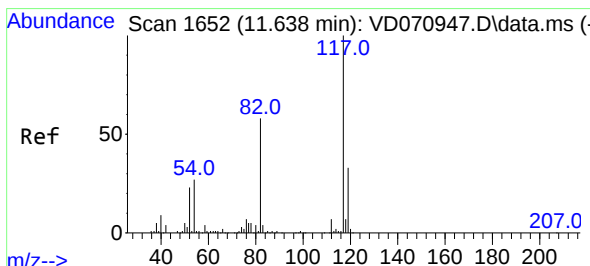
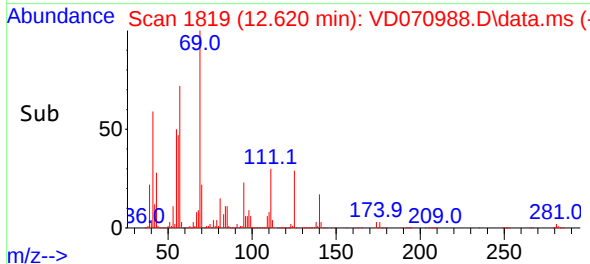
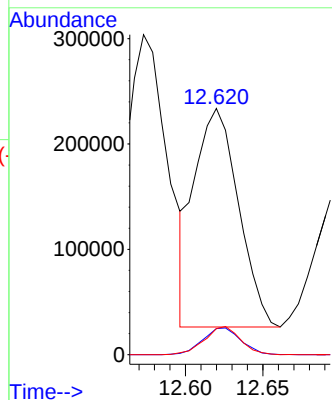
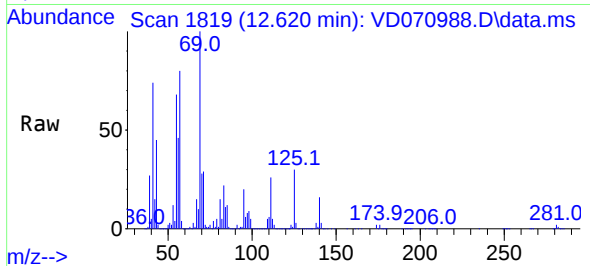




#62
4-Bromofluorobenzene
Concen: 135.939 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

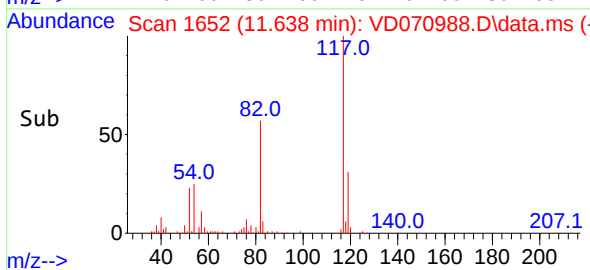
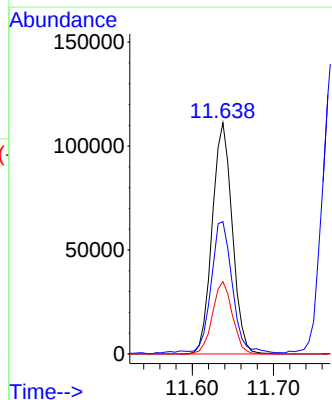
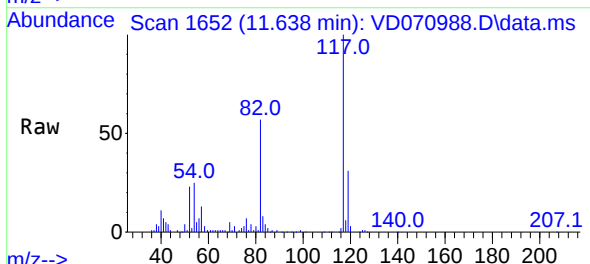
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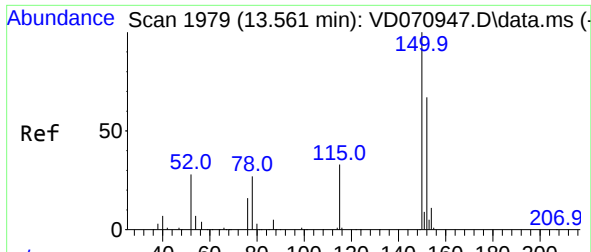
Tgt Ion: 95 Resp: 410788
Ion Ratio Lower Upper
95 100
174 10.6 0.0 159.4
176 10.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070988.D
Acq: 11 Nov 2021 13:34

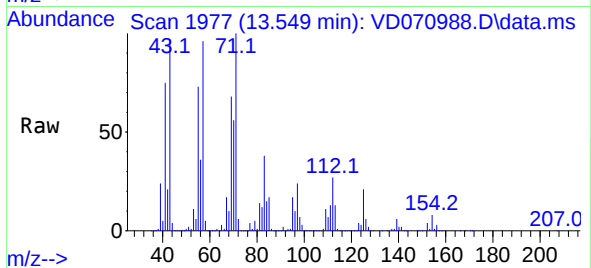
Tgt Ion:117 Resp: 190939
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 31.3 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.549 min Scan# 1977
 Delta R.T. -0.012 min
 Lab File: VD070988.D
 Acq: 11 Nov 2021 13:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(12-12.5)



Tgt Ion:152 Resp: 600989
 Ion Ratio Lower Upper
 152 100
 115 6.2 29.8 89.3#
 150 8.1 0.0 349.2

