

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071997.D
 Acq On : 16 Feb 2022 17:51
 Operator : VA/SY
 Sample : N1548-04
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(2-2.5)

Quant Time: Feb 17 00:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

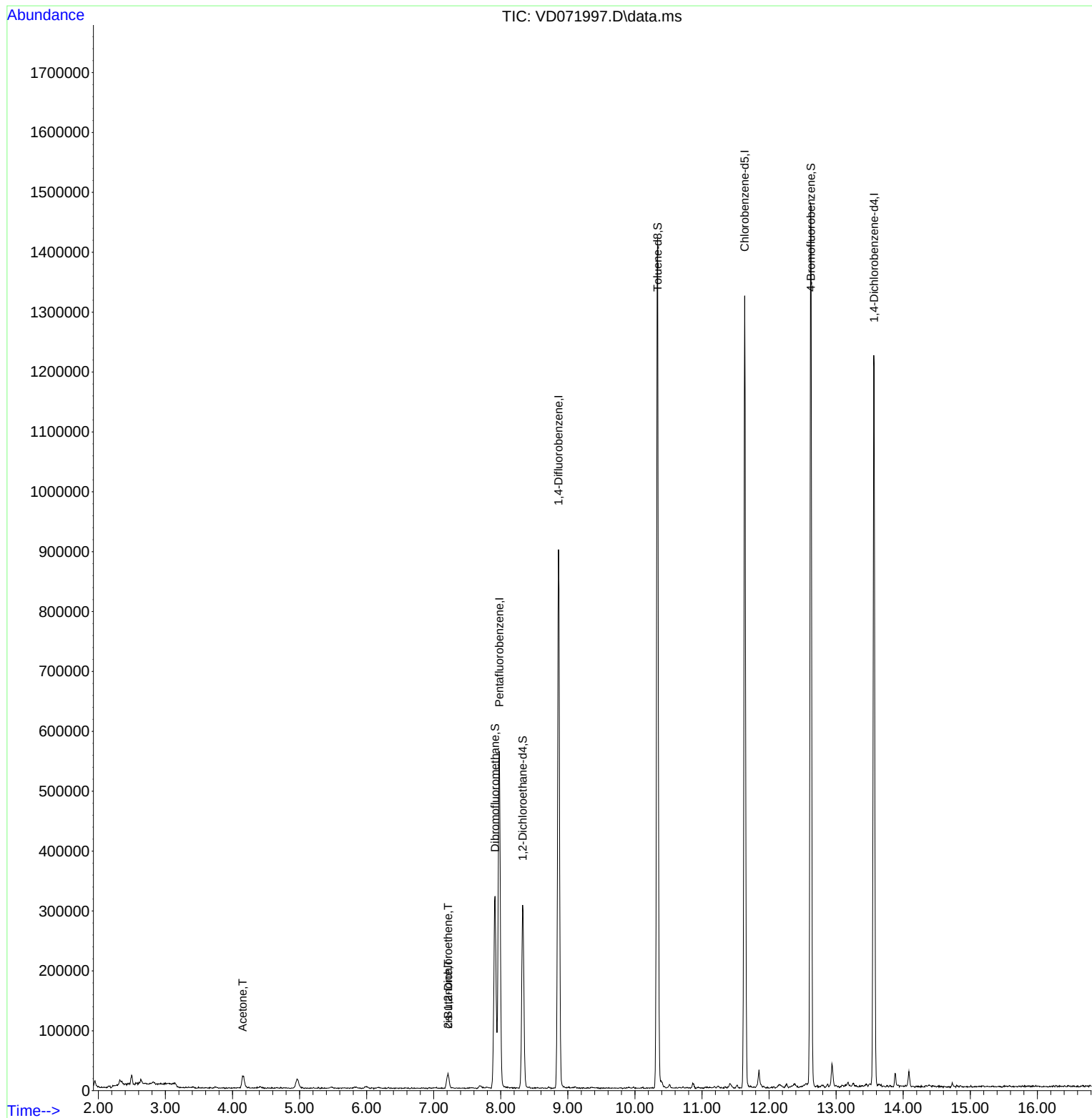
Internal Standards						
1) Pentafluorobenzene	7.979	168	374211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	699463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	676348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	295217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244212	51.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.260%	
35) Dibromofluoromethane	7.914	113	220282	47.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.820%	
50) Toluene-d8	10.338	98	897761	52.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.626	95	318251	53.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	37809	29.202	ug/l	98
25) 2-Butanone	7.214	43	13838	9.168	ug/l #	86
27) cis-1,2-Dichloroethene	7.214	96	8787	1.709	ug/l	92

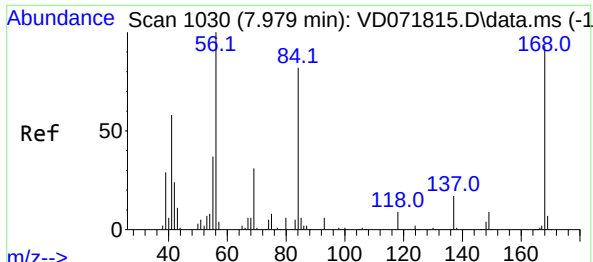
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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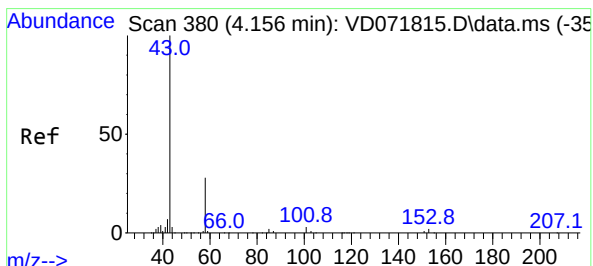
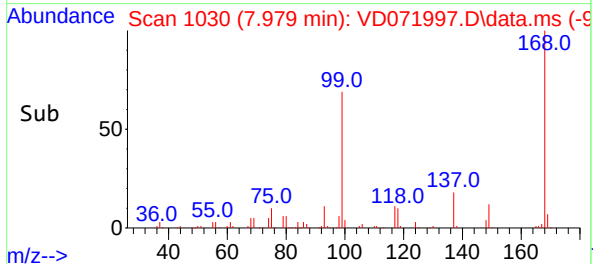
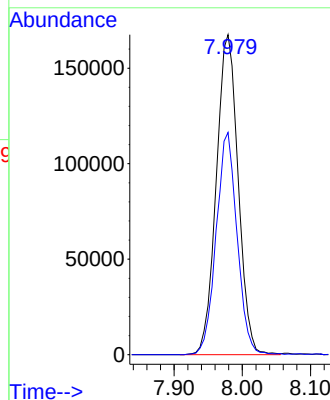
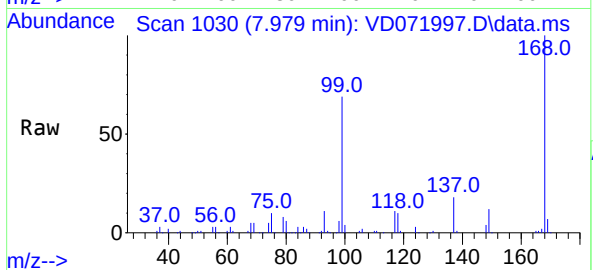




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

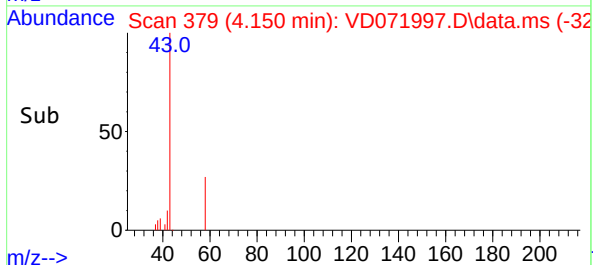
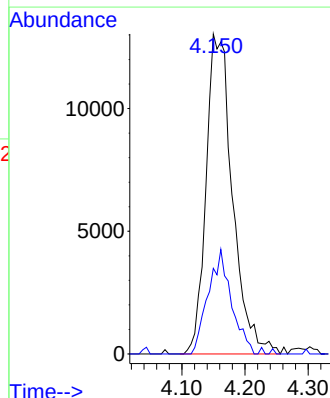
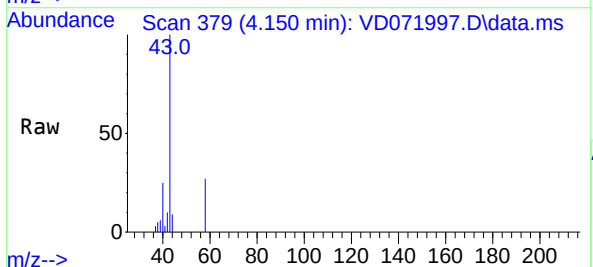
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(2-2.5)

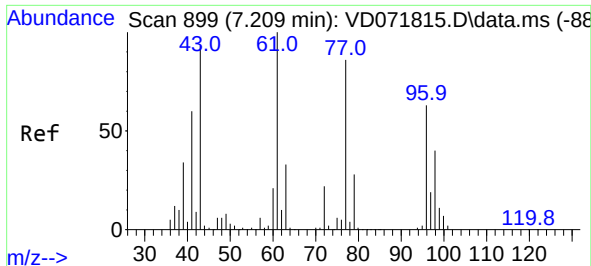
Tgt Ion:168 Resp: 374211
Ion Ratio Lower Upper
168 100
99 69.4 49.8 74.6



#16
Acetone
Concen: 29.202 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

Tgt Ion: 43 Resp: 37809
Ion Ratio Lower Upper
43 100
58 26.7 22.1 33.1

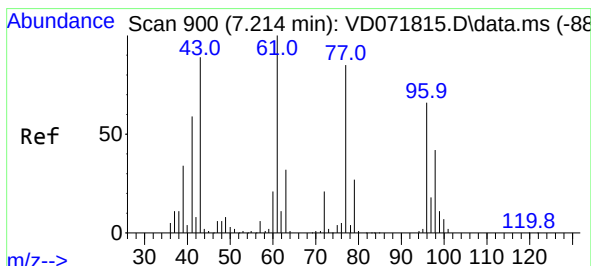
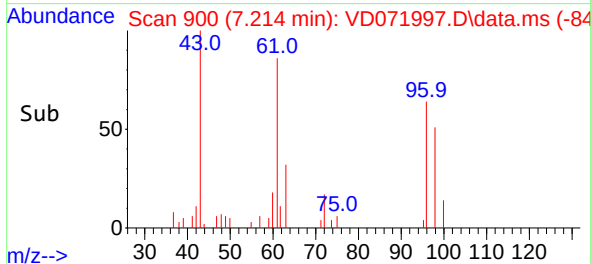
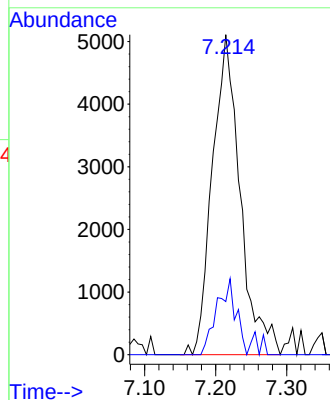
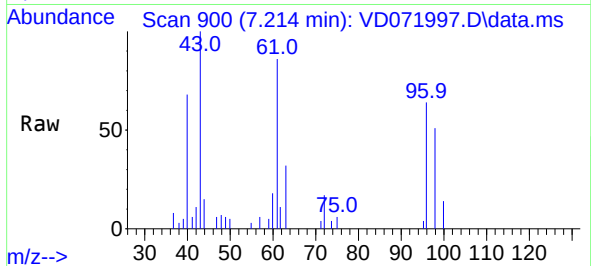




#25
2-Butanone
Concen: 9.168 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

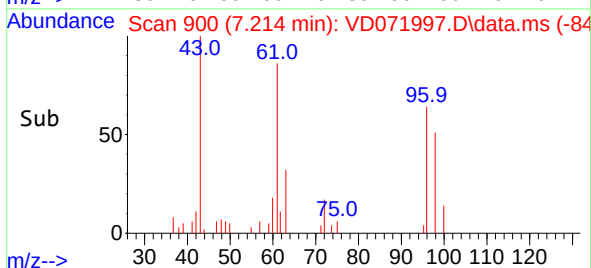
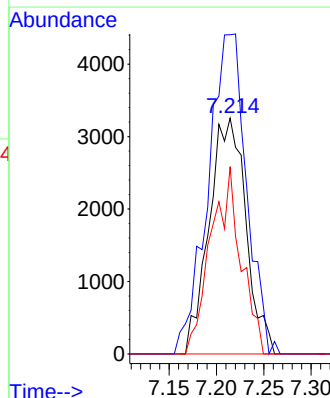
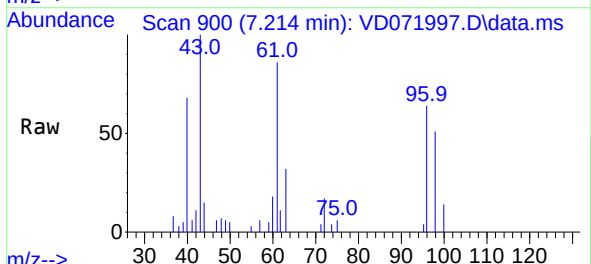
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(2-2.5)

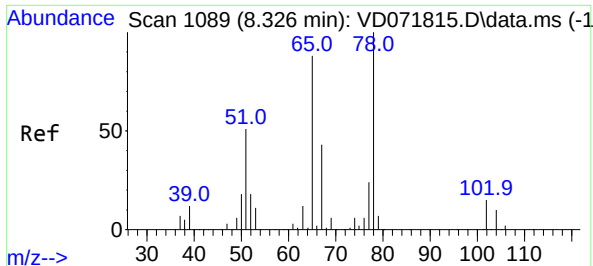
Tgt Ion: 43 Resp: 13838
Ion Ratio Lower Upper
43 100
72 16.6 18.6 27.8#



#27
cis-1,2-Dichloroethene
Concen: 1.709 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

Tgt Ion: 96 Resp: 8787
Ion Ratio Lower Upper
96 100
61 141.9 0.0 313.8
98 65.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 51.632 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071997.D

Acq: 16 Feb 2022 17:51

Instrument :

MSVOA_D

ClientSampleId :

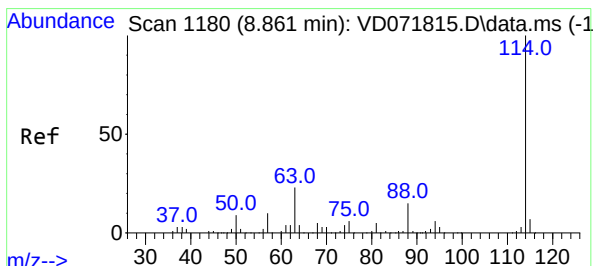
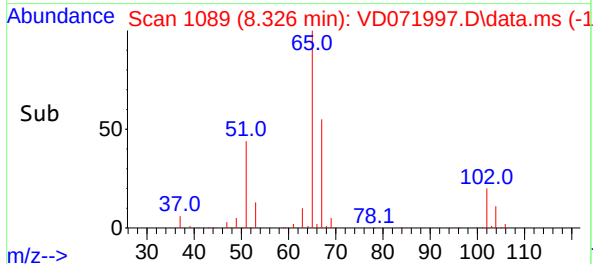
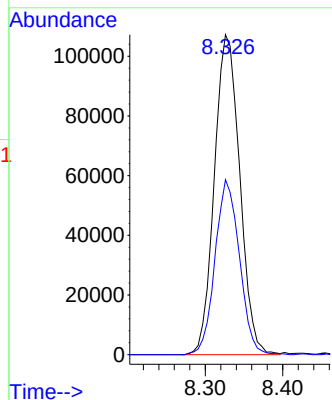
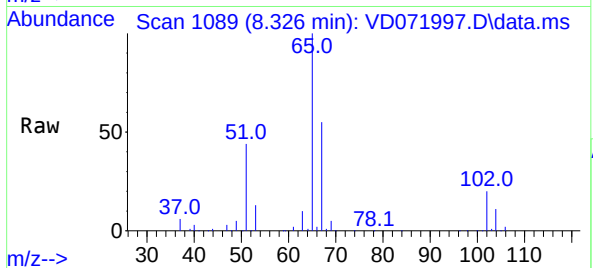
SB-4-(2-2.5)

Tgt Ion: 65 Resp: 244212

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071997.D

Acq: 16 Feb 2022 17:51

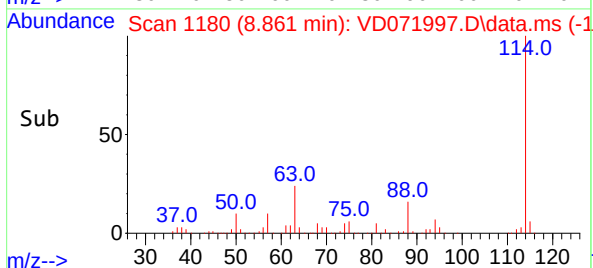
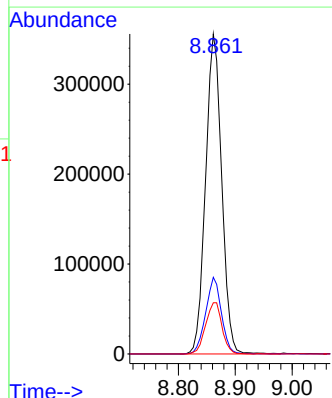
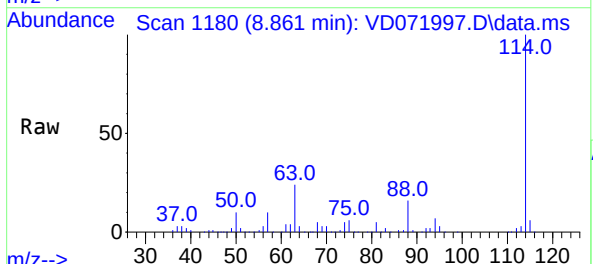
Tgt Ion: 114 Resp: 699463

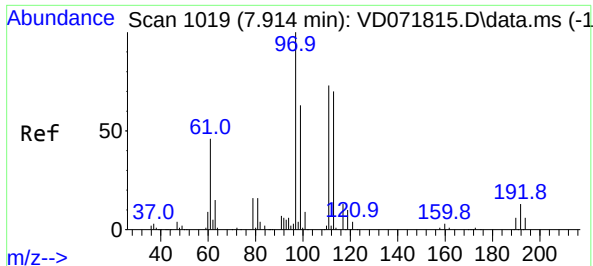
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

88 16.0 0.0 33.2

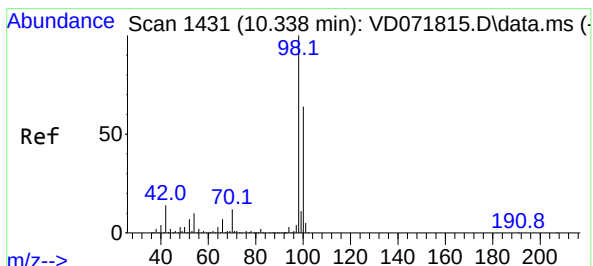
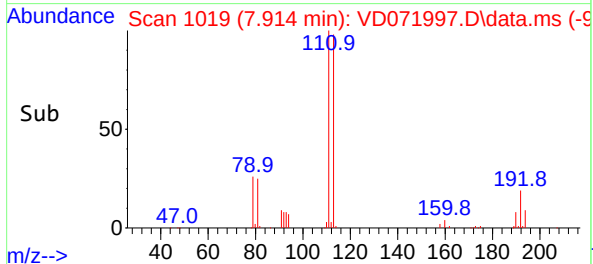
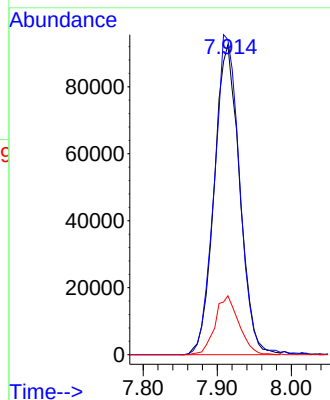
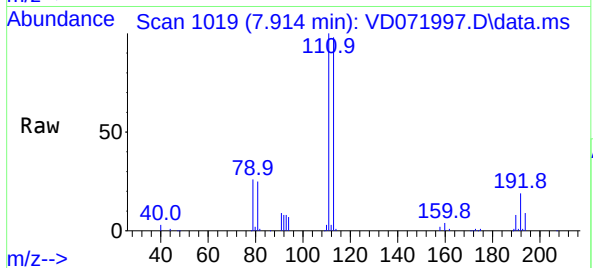




#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

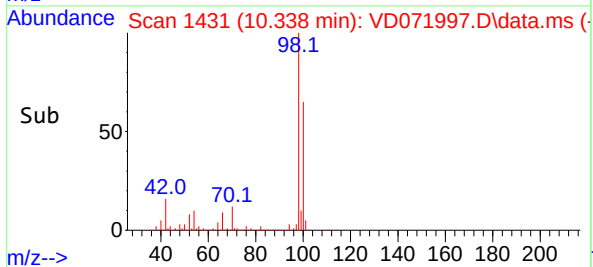
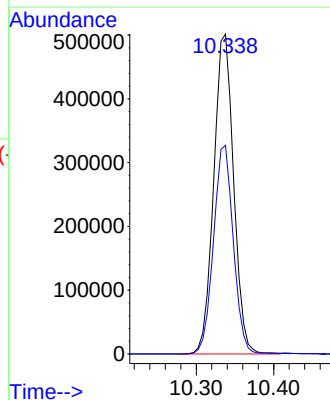
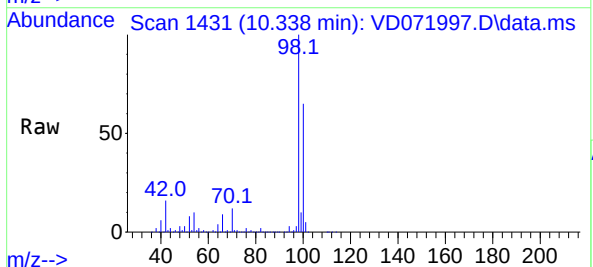
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SB-4-(2-2.5)

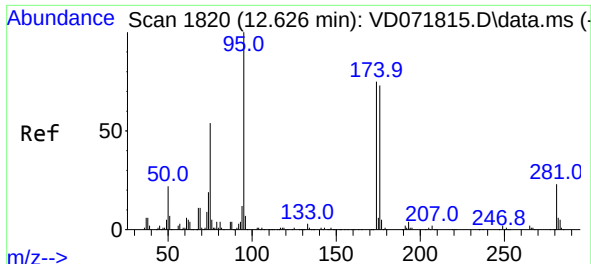
Tgt Ion:113 Resp: 220282
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.8 14.6 21.8



#50
Toluene-d8
Concen: 52.283 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

Tgt Ion: 98 Resp: 897761
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



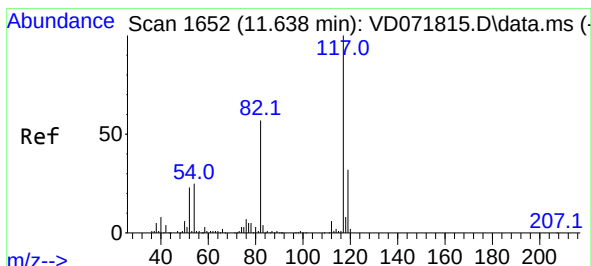
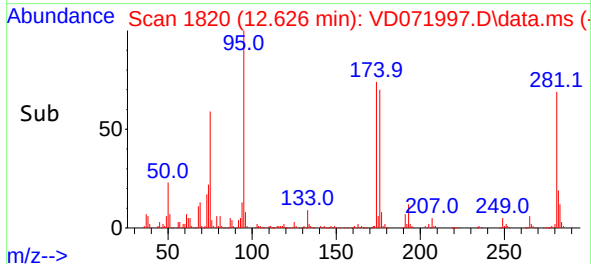
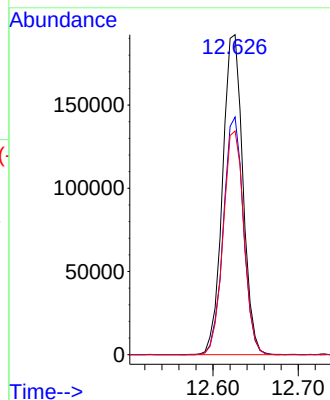
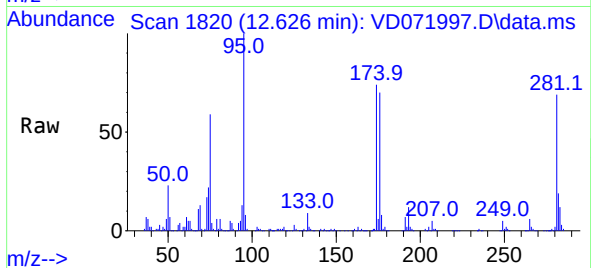


#62
4-Bromofluorobenzene
Concen: 53.074 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(2-2.5)

Tgt Ion: 95 Resp: 318251

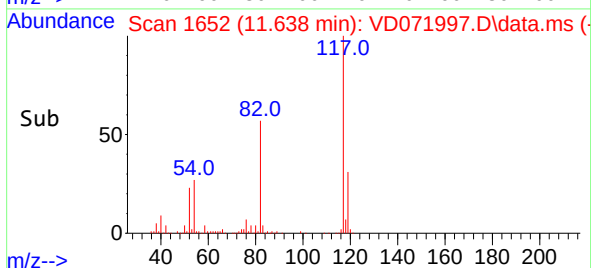
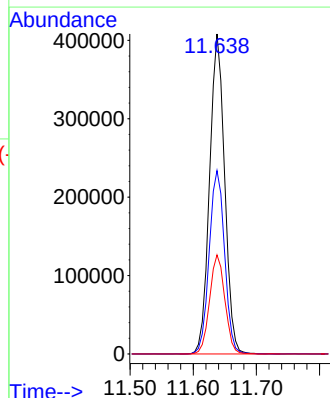
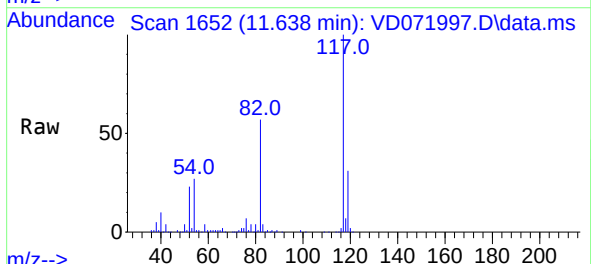
Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	152.8
176	71.3	0.0	145.4

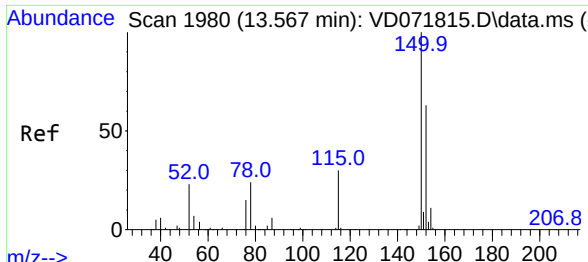


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071997.D
Acq: 16 Feb 2022 17:51

Tgt Ion: 117 Resp: 676348

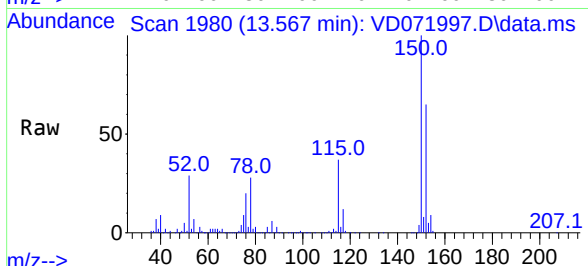
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.3	67.9
119	31.0	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VD071997.D
 Acq: 16 Feb 2022 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(2-2.5)



Tgt Ion:152 Resp: 295217

Ion	Ratio	Lower	Upper
152	100		
115	59.9	31.3	93.8
150	157.0	0.0	348.6

