

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070597.D
 Acq On : 06 Oct 2021 16:57
 Operator : VA/SY
 Sample : M4081-02
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 356

Quant Time: Oct 07 07:01:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

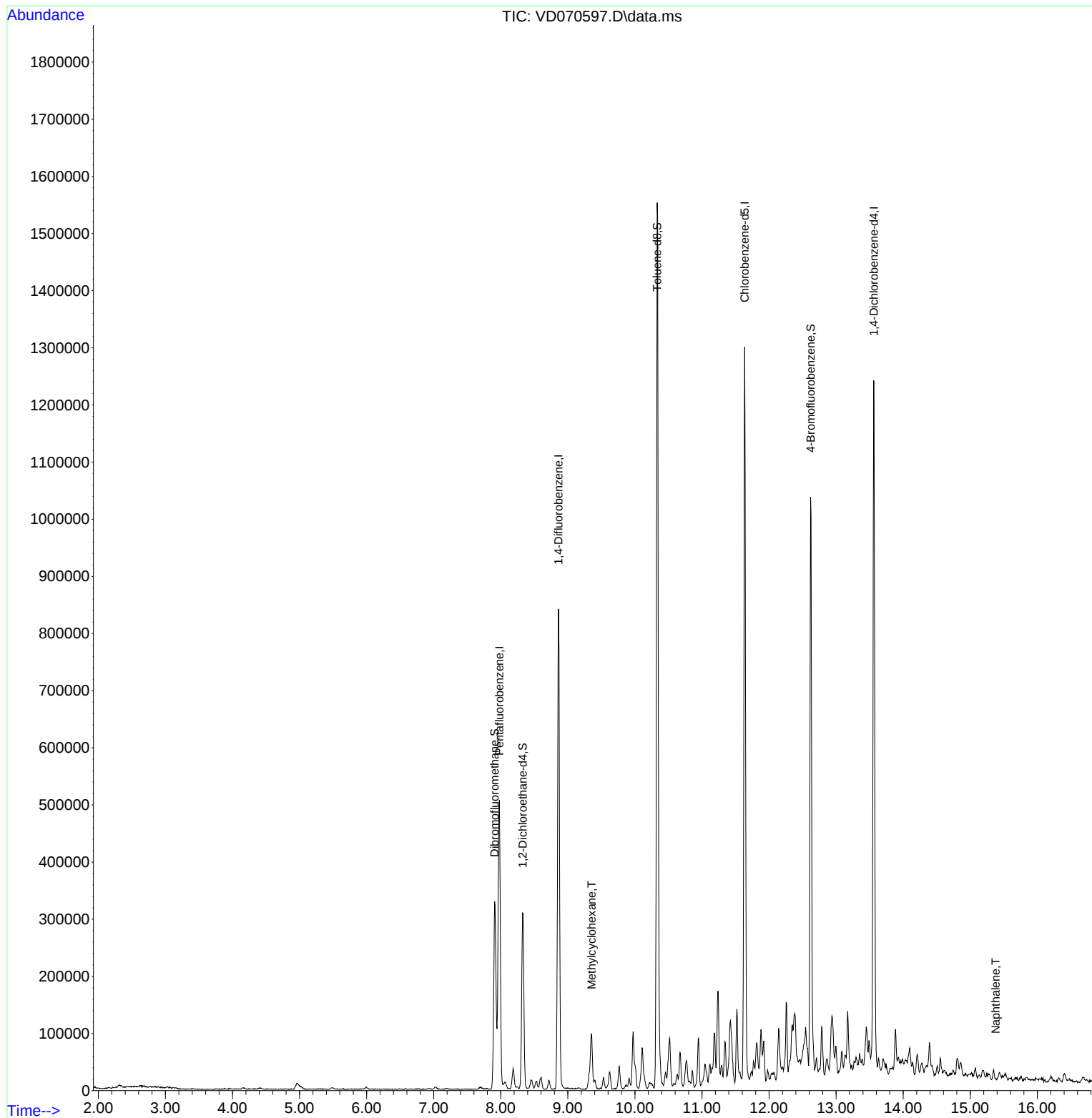
Internal Standards						
1) Pentafluorobenzene	7.979	168	359064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	728008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	758012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	322349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249576	59.062	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 118.120%		
35) Dibromofluoromethane	7.908	113	246010	50.826	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.660%		
50) Toluene-d8	10.332	98	1010742	54.624	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.240%		
62) 4-Bromofluorobenzene	12.620	95	351757	56.879	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 113.760%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.355	83	36005	4.050	ug/l	94
95) Naphthalene	15.379	128	1111	2.593	ug/l #	92

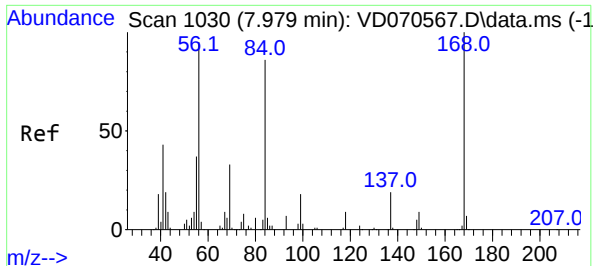
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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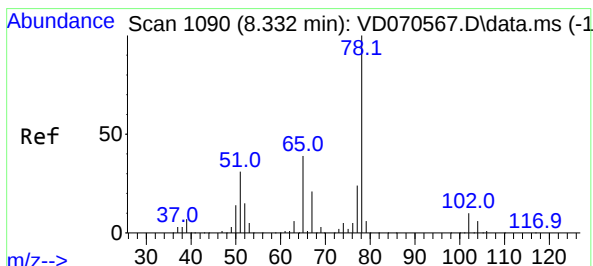
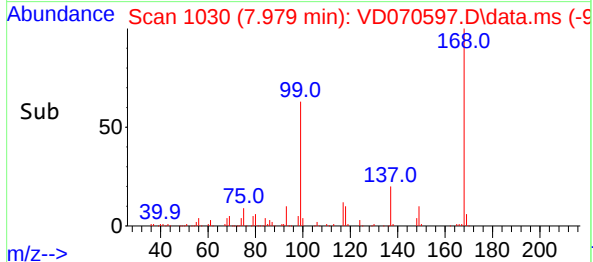
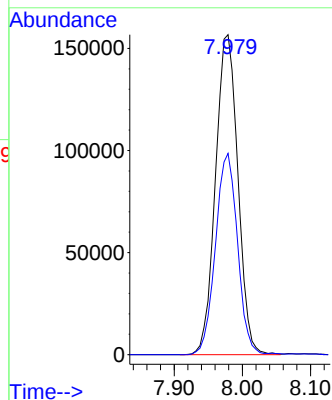
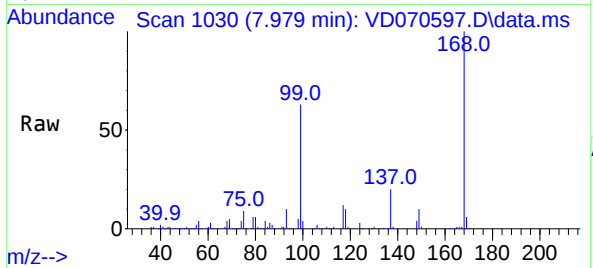




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

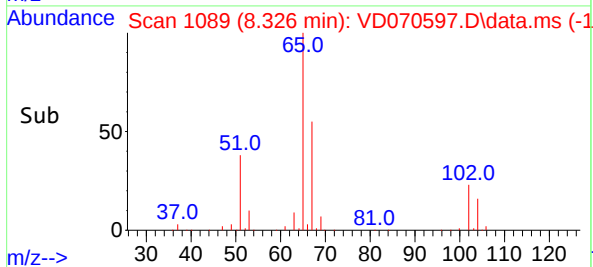
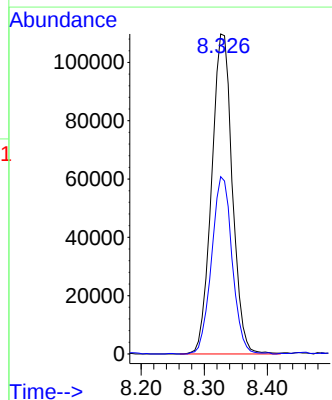
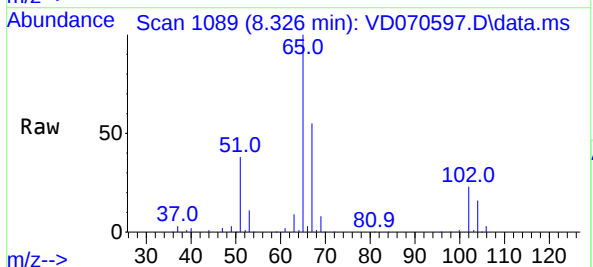
Instrument :
MSVOA_D
ClientSampleId :
356

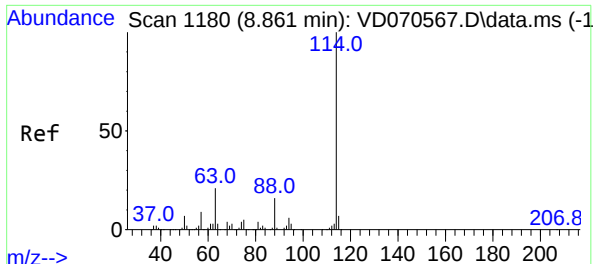
Tgt Ion:168 Resp: 359064
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 59.062 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Tgt Ion: 65 Resp: 249576
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2



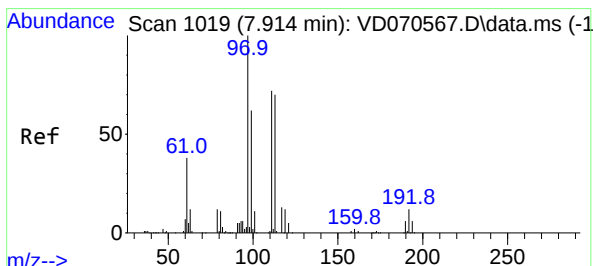
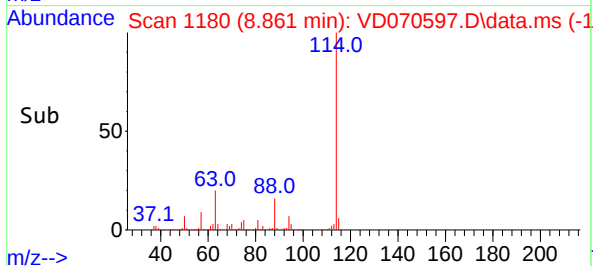
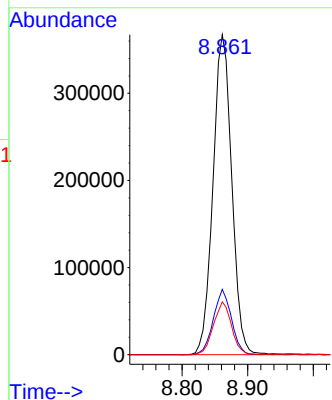
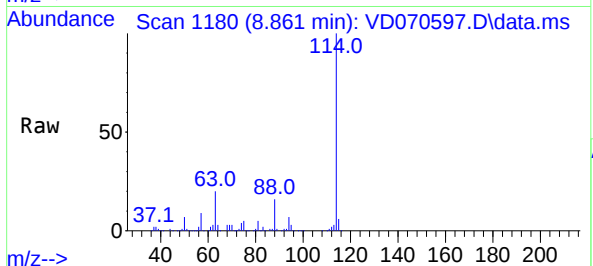


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Instrument :
MSVOA_D
ClientSampled :
356

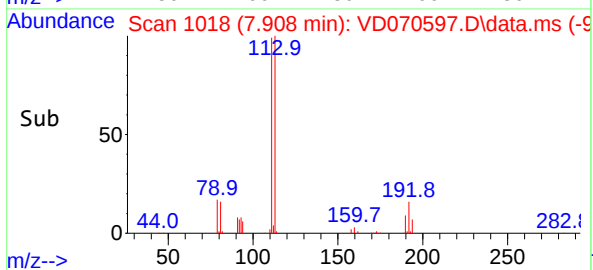
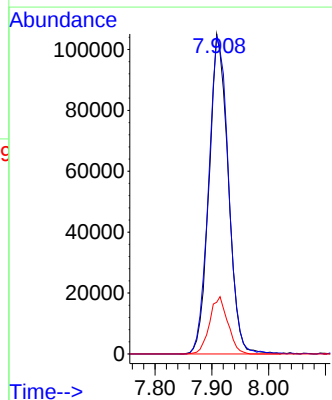
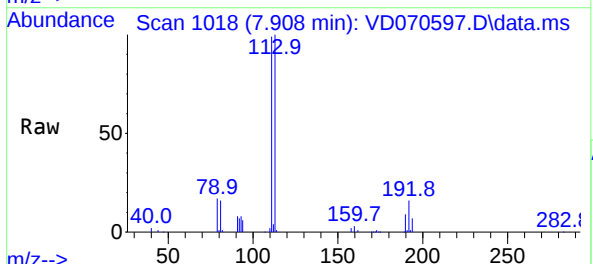
Tgt Ion:114 Resp: 728008
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 16.5 0.0 32.6

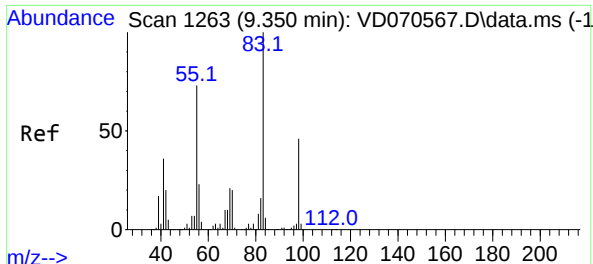


#35

Dibromofluoromethane
Concen: 50.826 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Tgt Ion:113 Resp: 246010
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 17.1 12.7 19.1

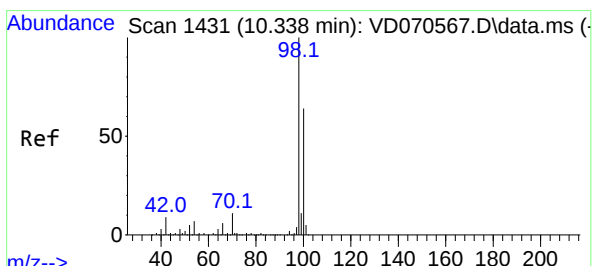
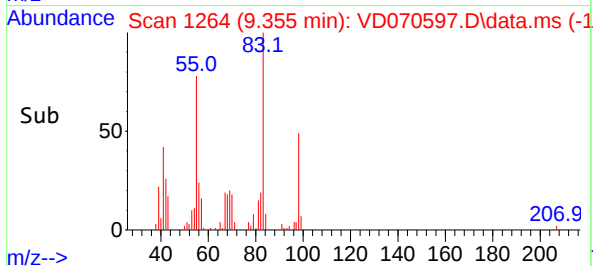
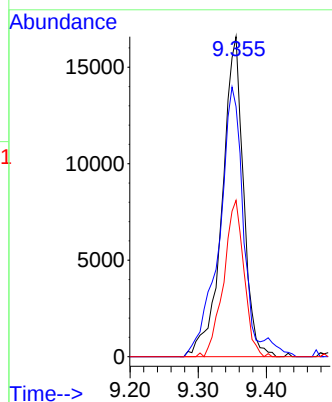
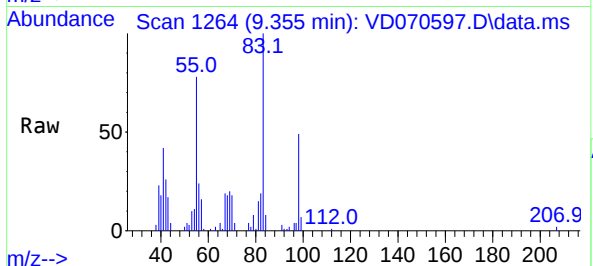




#39
Methylcyclohexane
Concen: 4.050 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

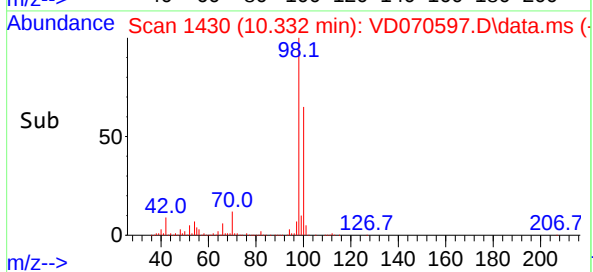
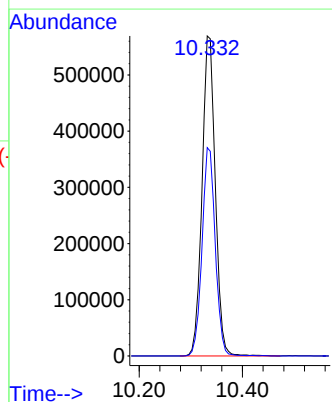
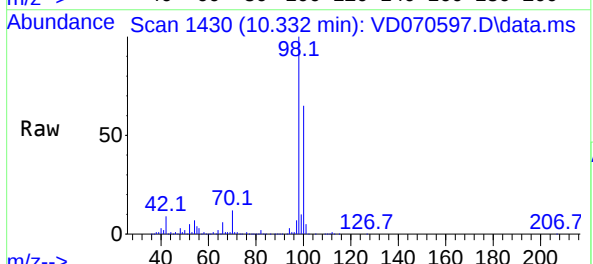
Instrument :
MSVOA_D
ClientSampleId :
356

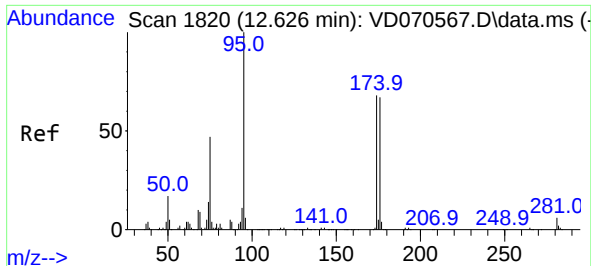
Tgt Ion:	83	Resp:	36005
Ion	Ratio	Lower	Upper
83	100		
55	78.1	58.2	87.4
98	48.8	36.9	55.3



#50
Toluene-d8
Concen: 54.624 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Tgt Ion:	98	Resp:	1010742
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

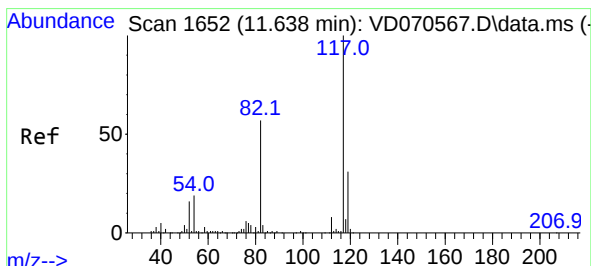
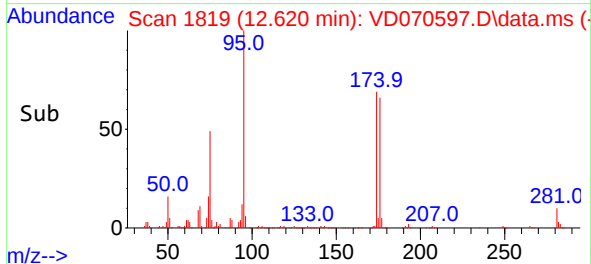
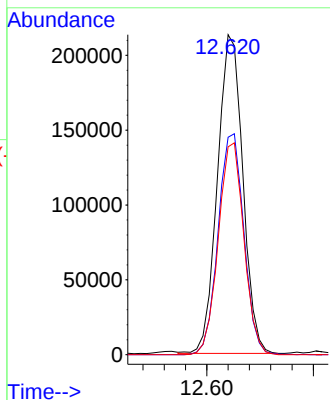
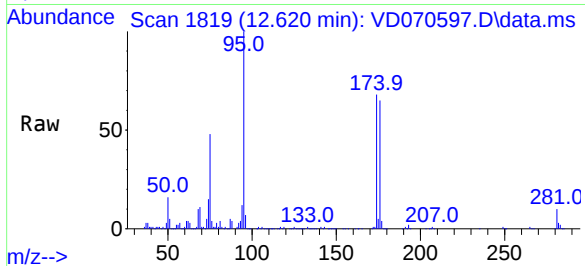




#62
4-Bromofluorobenzene
Concen: 56.879 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

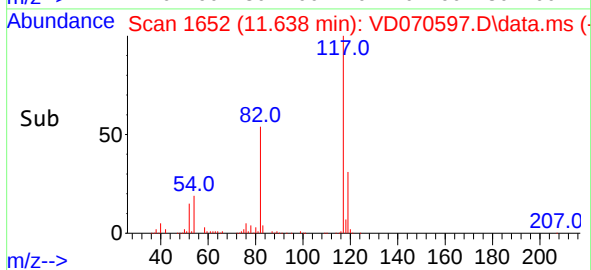
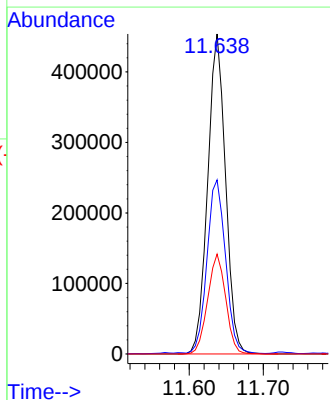
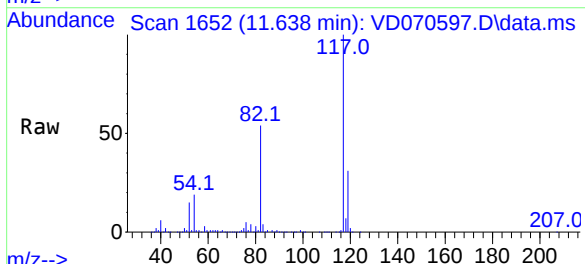
Instrument :
MSVOA_D
ClientSampled :
356

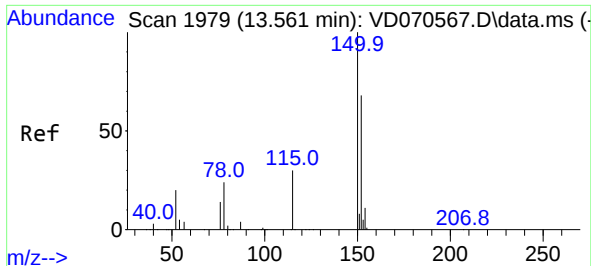
Tgt Ion: 95 Resp: 351757
Ion Ratio Lower Upper
95 100
174 70.3 0.0 138.0
176 67.0 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Tgt Ion: 117 Resp: 758012
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.2
119 31.2 24.7 37.1

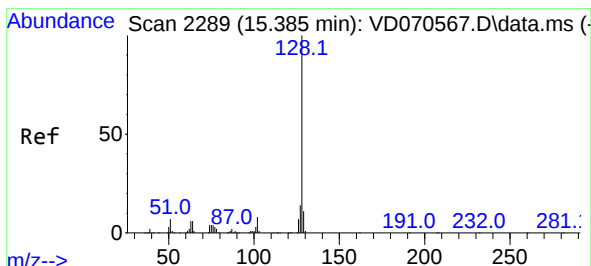
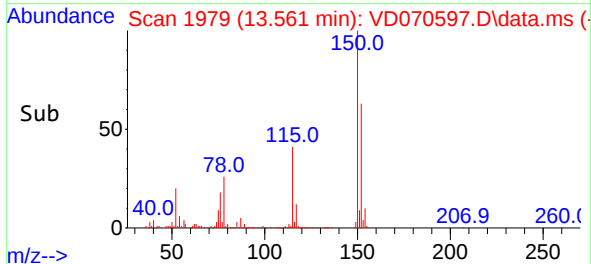
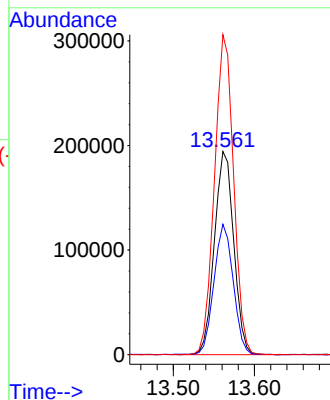
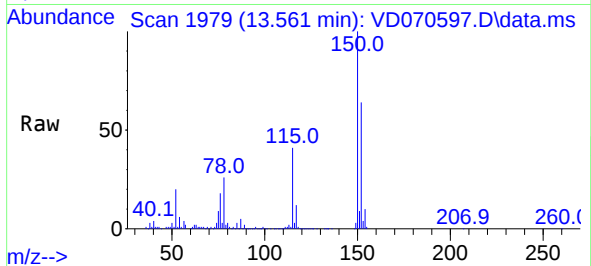




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :
356

Tgt Ion:152 Resp: 322349
Ion Ratio Lower Upper
152 100
115 63.9 31.9 95.7
150 155.7 0.0 350.0



#95
Naphthalene
Concen: 2.593 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070597.D
Acq: 06 Oct 2021 16:57

Tgt Ion:128 Resp: 1111
Ion Ratio Lower Upper
128 100
127 14.9 10.9 16.3
129 5.3 8.6 12.8#

