

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069449.D
 Acq On : 15 Jun 2021 19:33
 Operator : VA/SY
 Sample : M2709-12
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0344-AMND-COMP-O(CL-24)

Quant Time: Jun 16 02:02:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

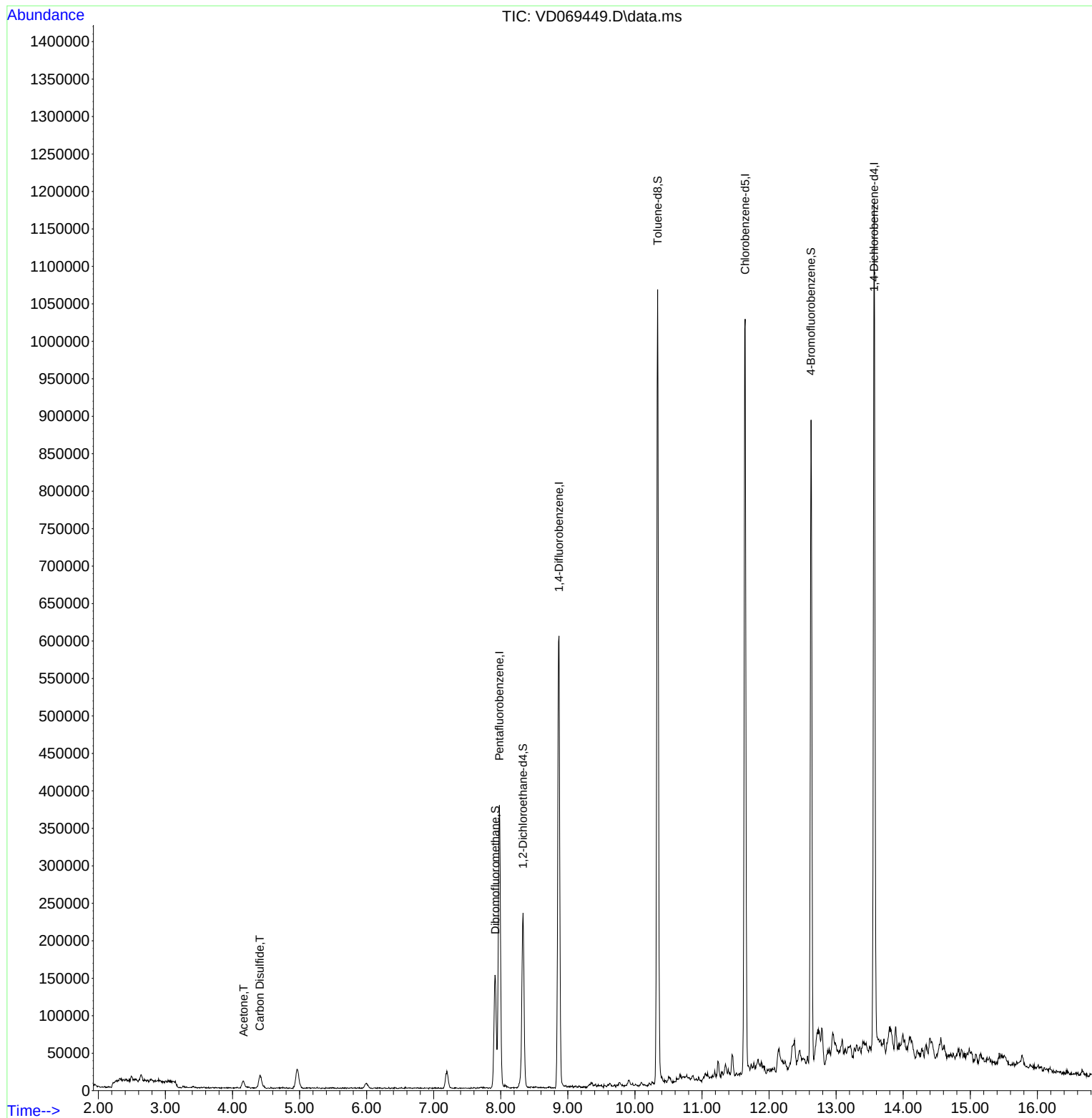
Internal Standards						
1) Pentafluorobenzene	7.979	168	281625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	554543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	623284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188205	59.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.480%
35) Dibromofluoromethane	7.920	113	111513	26.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.700%#
50) Toluene-d8	10.337	98	728403	47.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.626	95	286078	58.690	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.380%
Target Compounds						
						Qvalue
16) Acetone	4.167	43	17253	32.807	ug/l	98
17) Carbon Disulfide	4.408	76	36299	3.757	ug/l	95

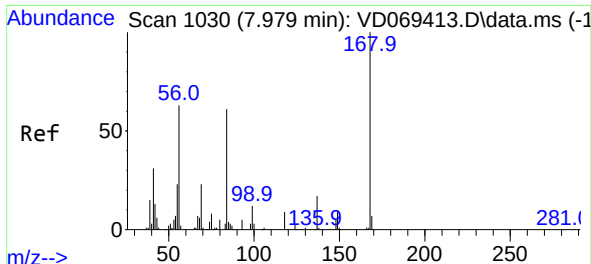
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

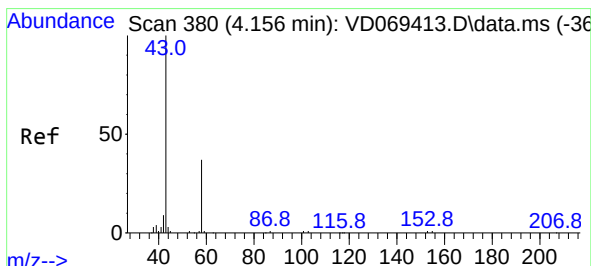
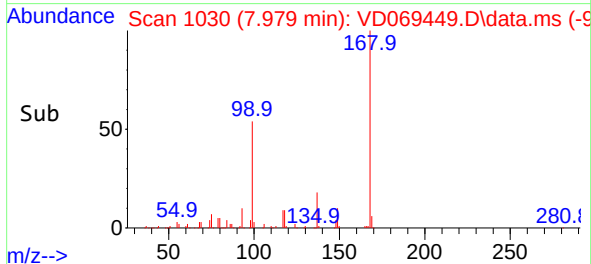
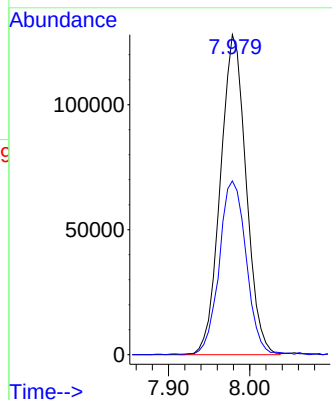
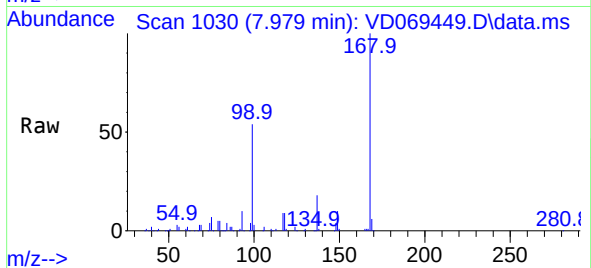




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

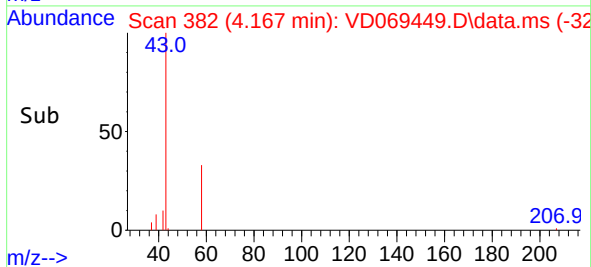
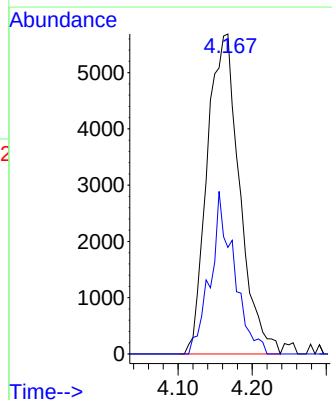
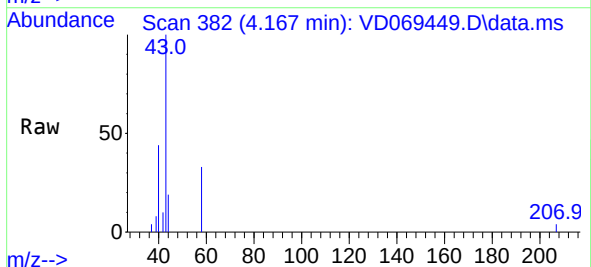
Instrument :
MSVOA_D
ClientSampleId :
0344-AMND-COMP-O(CL-24)

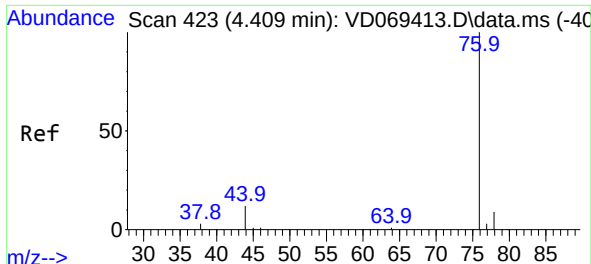
Tgt Ion:168 Resp: 281625
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#16
Acetone
Concen: 32.807 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 43 Resp: 17253
Ion Ratio Lower Upper
43 100
58 33.3 27.5 41.3

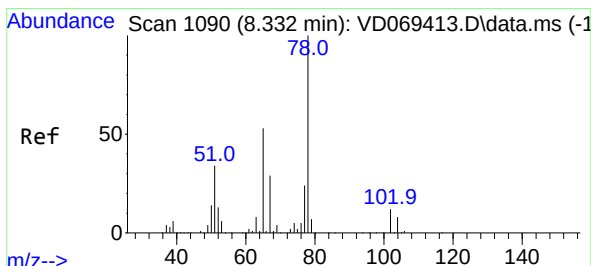
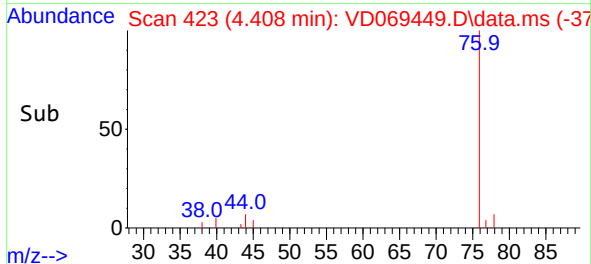
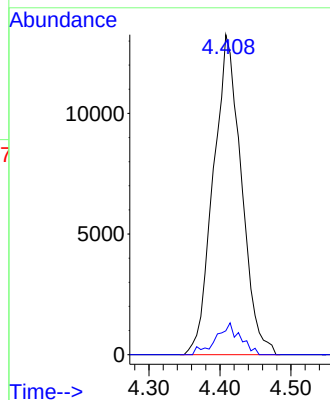
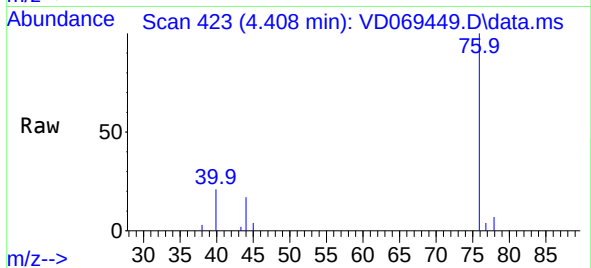




#17
Carbon Disulfide
Concen: 3.757 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

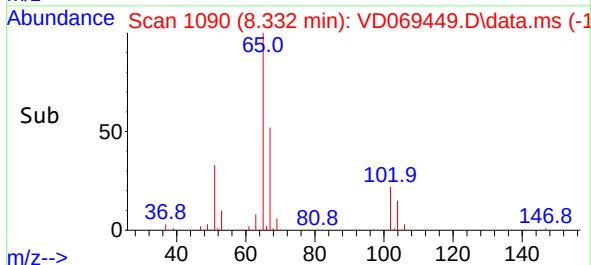
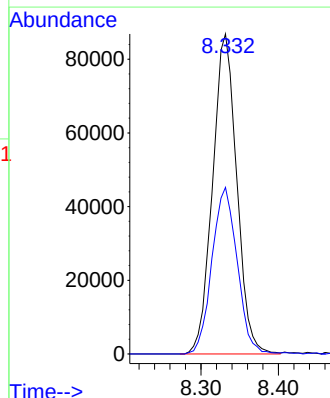
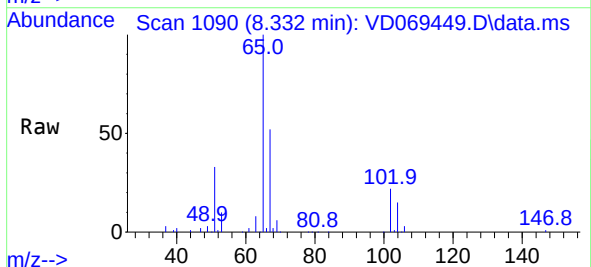
Instrument :
MSVOA_D
ClientSampleId :
0344-AMND-COMP-O(CL-24)

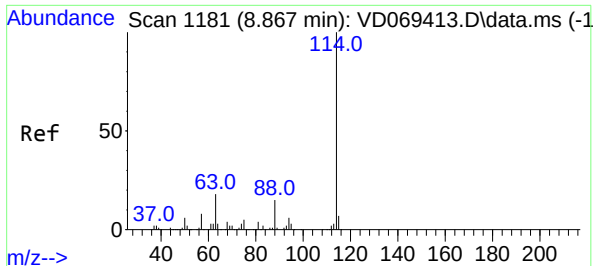
Tgt Ion: 76 Resp: 36299
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 59.237 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 65 Resp: 188205
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.8



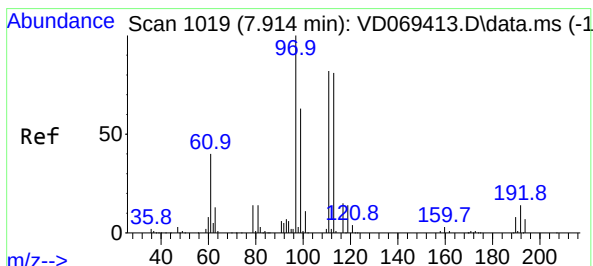
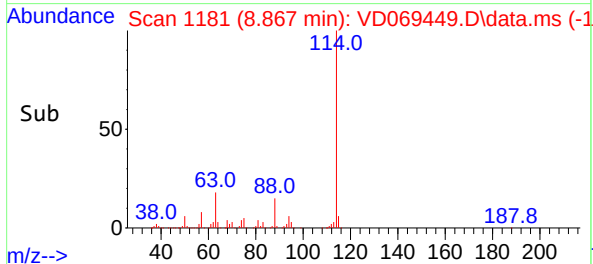
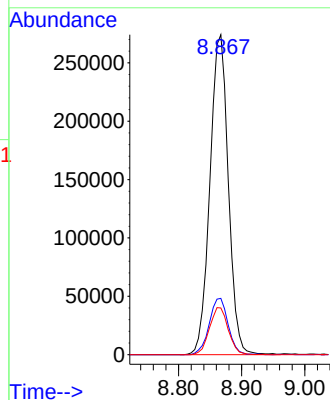
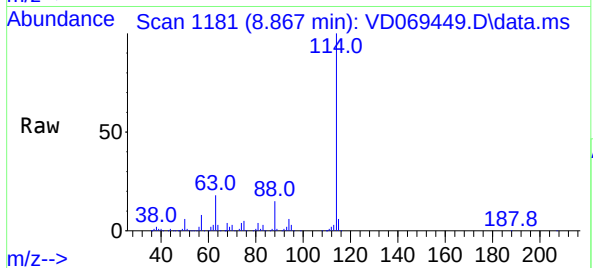


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampleId :
0344-AMND-COMP-O(CL-24)

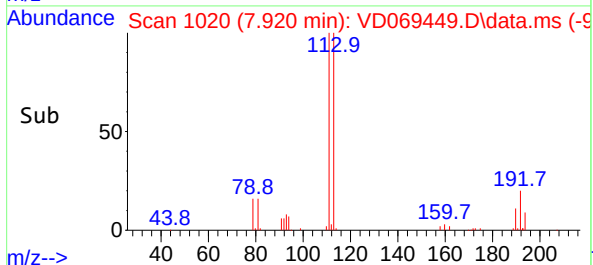
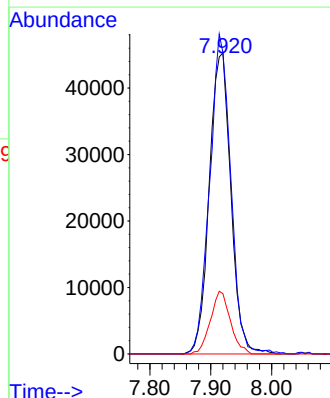
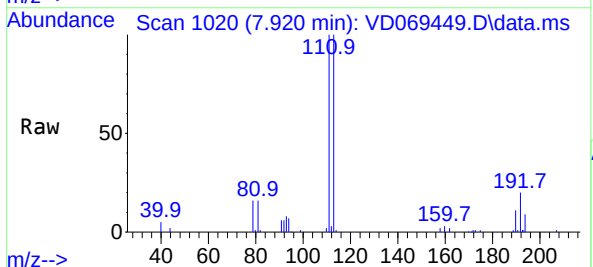
Tgt Ion:114 Resp: 554543
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.6
88 14.6 0.0 31.2

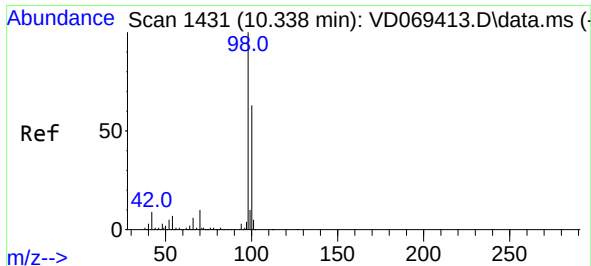


#35

Dibromofluoromethane
Concen: 26.848 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion:113 Resp: 111513
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 19.3 15.1 22.7

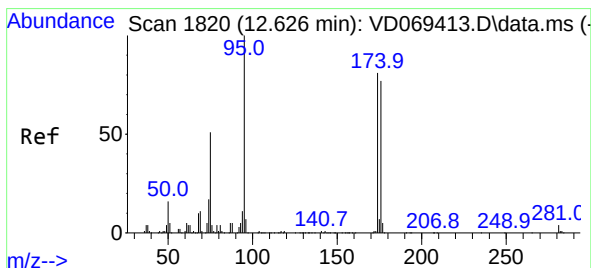
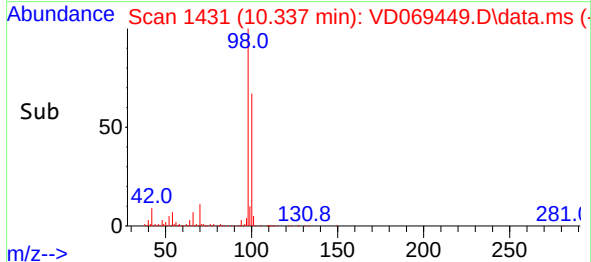
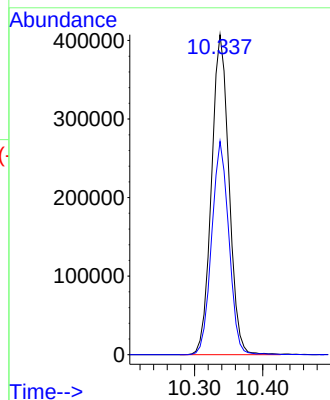
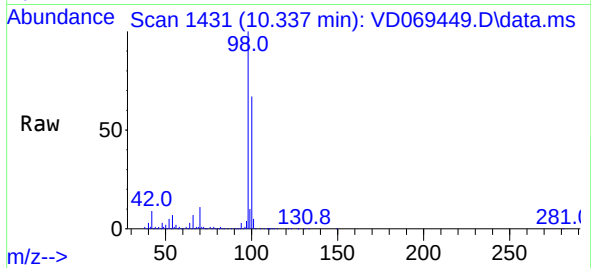




#50
Toluene-d8
Concen: 47.948 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

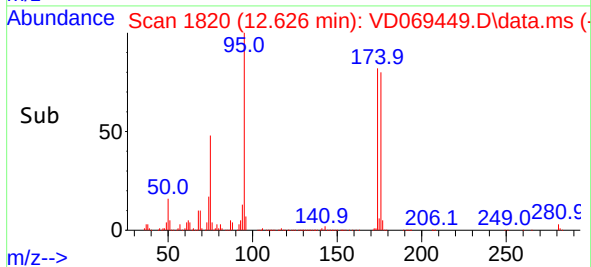
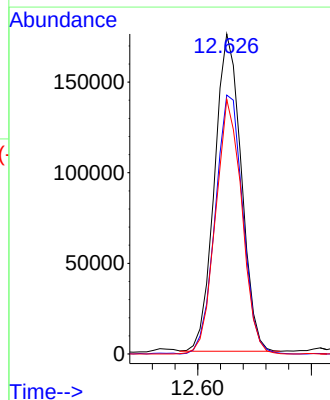
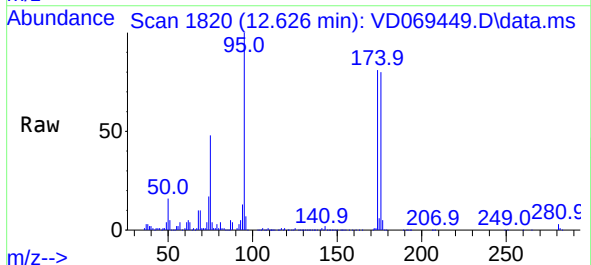
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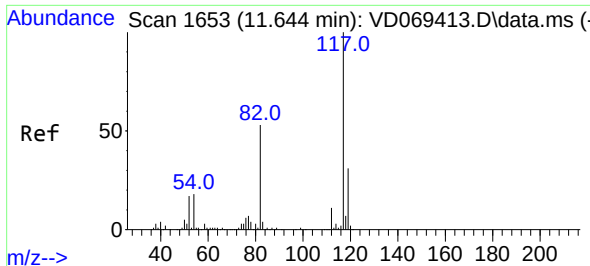
Tgt Ion: 98 Resp: 728403
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.690 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 95 Resp: 286078
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.8
176 79.1 0.0 154.4

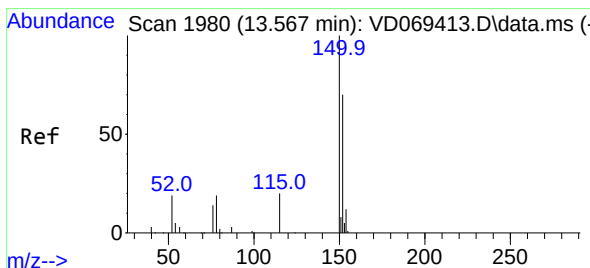
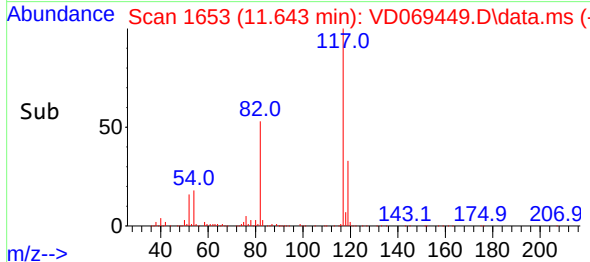
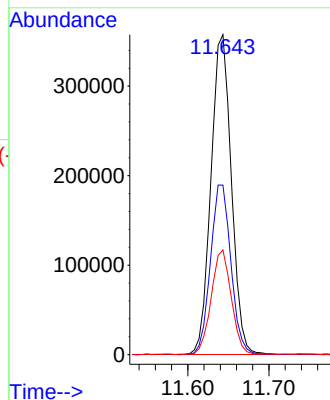
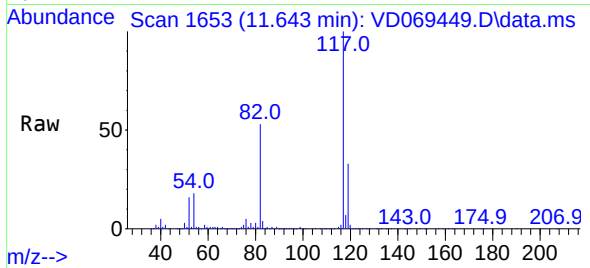




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Instrument :
MSVOA_D
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0344-AMND-COMP-O(CL-24)

Tgt Ion:	117	Resp:	623284
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.3	64.9
119	32.8	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion:	152	Resp:	306884
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.4	88.3
150	155.3	0.0	355.0

