

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069464.D
 Acq On : 16 Jun 2021 13:57
 Operator : VA/SY
 Sample : M2709-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0223-COMP-O(DISCRETE-CL-23)

Quant Time: Jun 17 02:48:34 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)

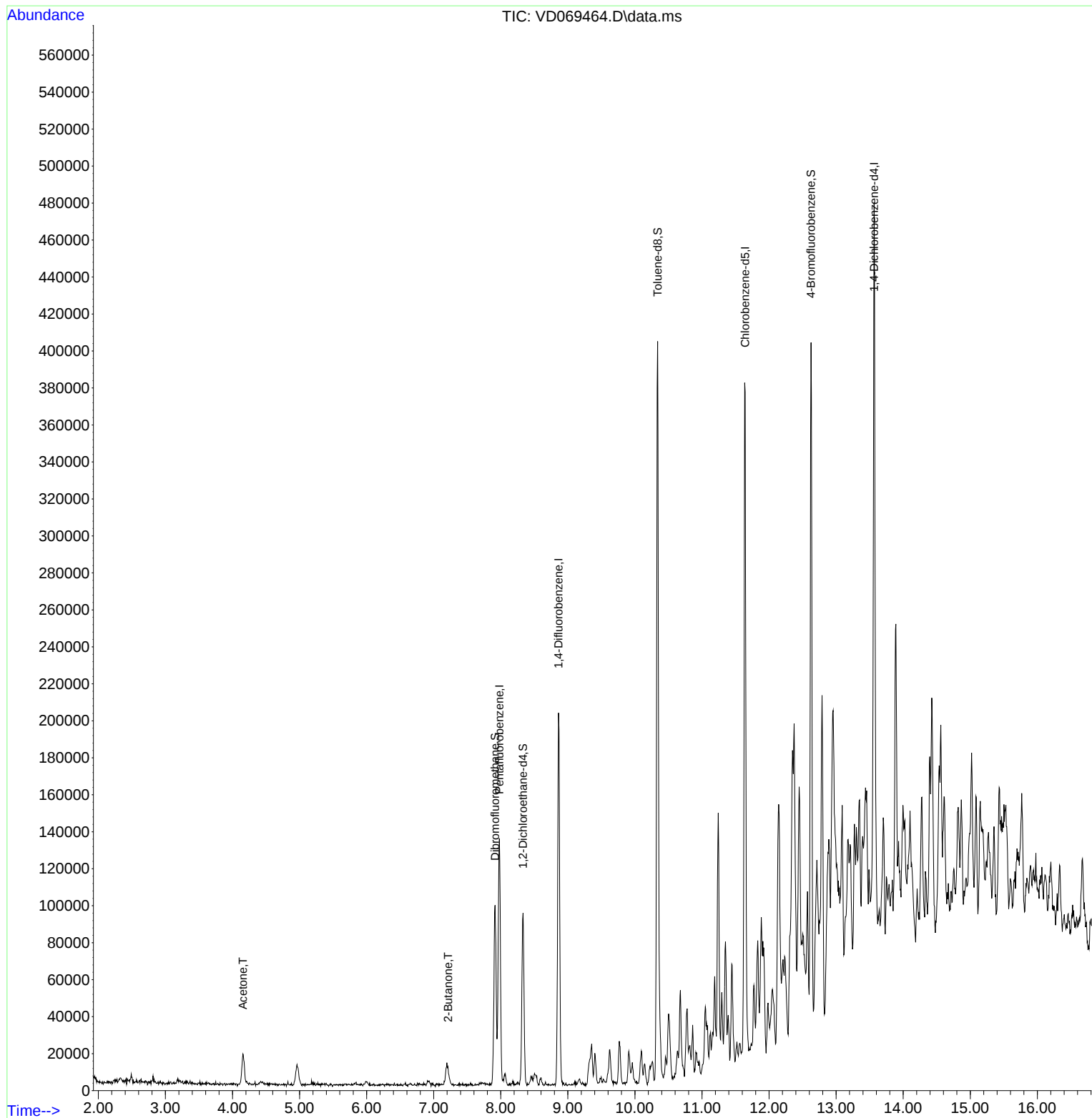
Internal Standards						
1) Pentafluorobenzene	7.979	168	99512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	178194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	223297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	110489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	75450	67.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.420%
35) Dibromofluoromethane	7.914	113	71312	53.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.338	98	251437	51.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.626	95	111847	71.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	142.820%
Target Compounds						
16) Acetone	4.156	43	27948	150.400	ug/l	95
25) 2-Butanone	7.214	43	8313	35.876	ug/l	99

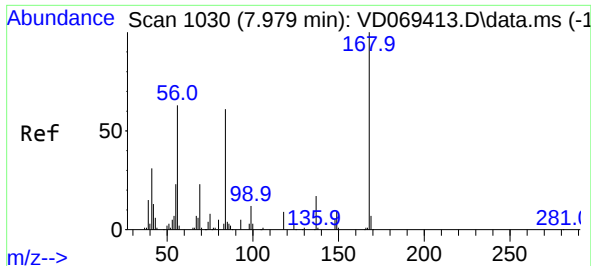
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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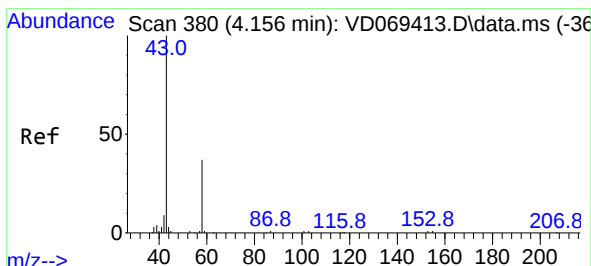
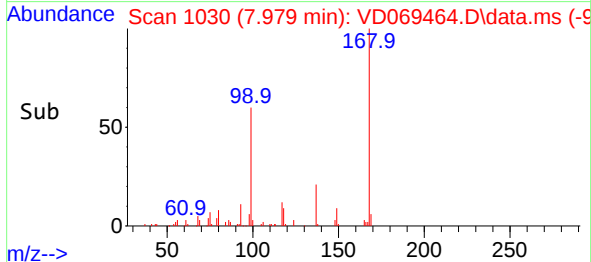
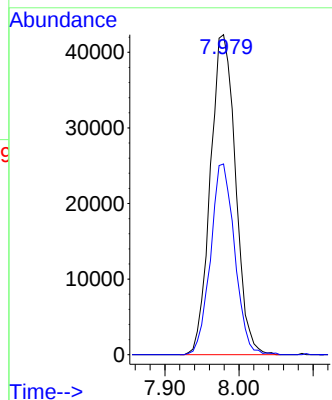
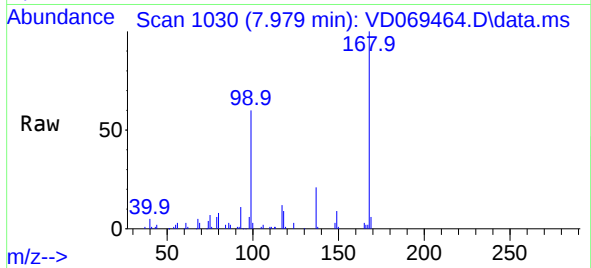




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

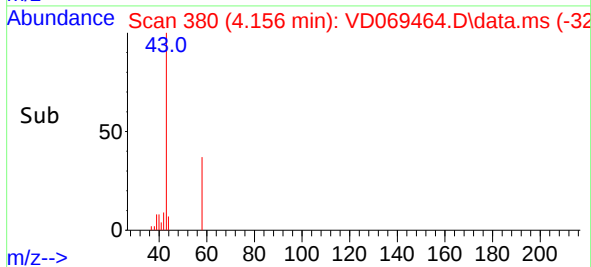
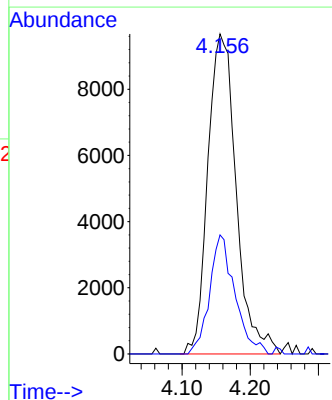
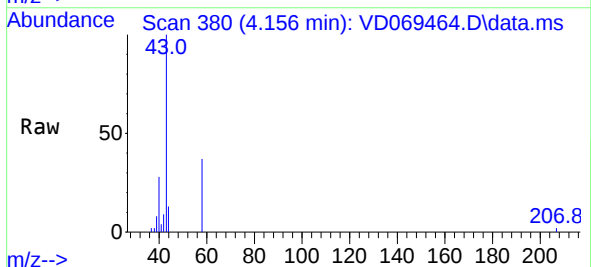
Instrument :
MSVOA_D
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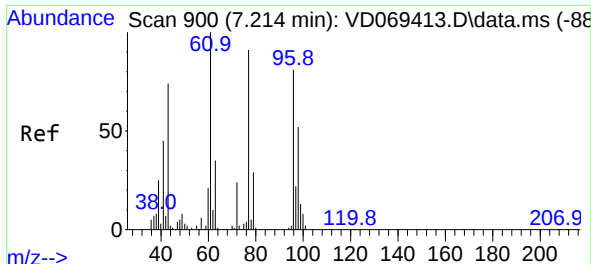
Tgt Ion:168 Resp: 99512
Ion Ratio Lower Upper
168 100
99 59.6 46.2 69.2



#16
Acetone
Concen: 150.400 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

Tgt Ion: 43 Resp: 27948
Ion Ratio Lower Upper
43 100
58 37.2 27.5 41.3

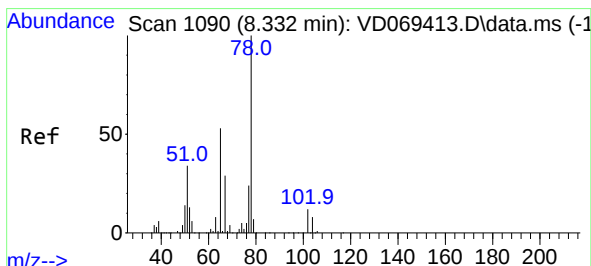
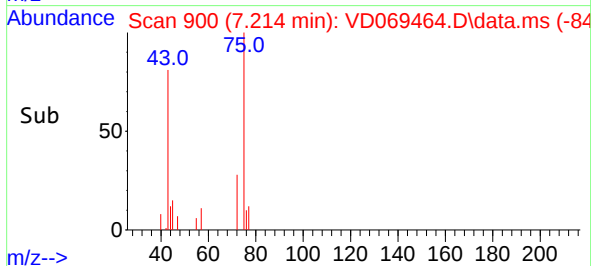
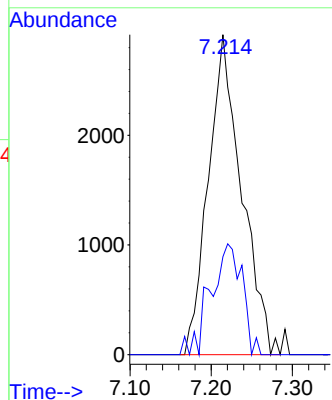
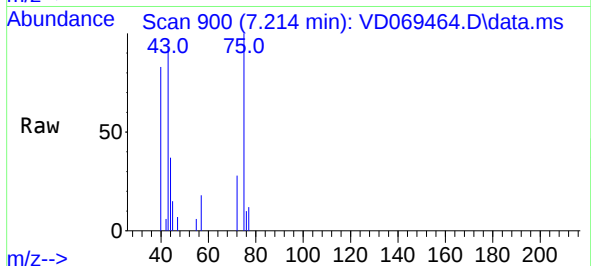




#25
2-Butanone
Concen: 35.876 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

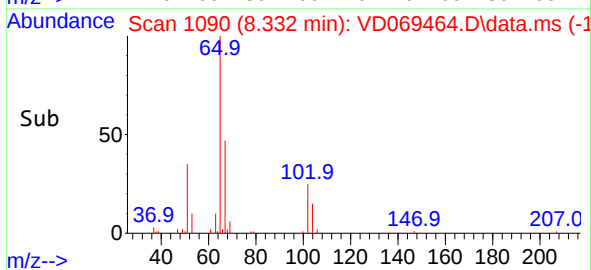
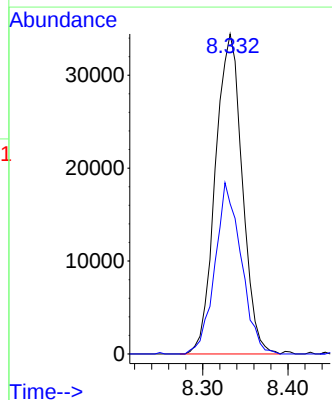
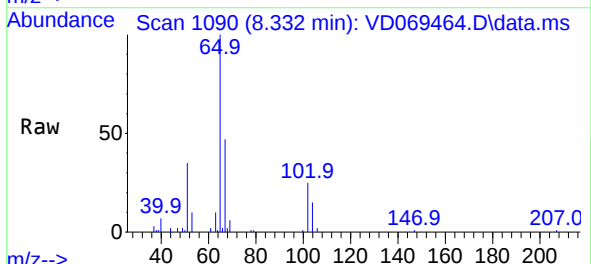
Instrument :
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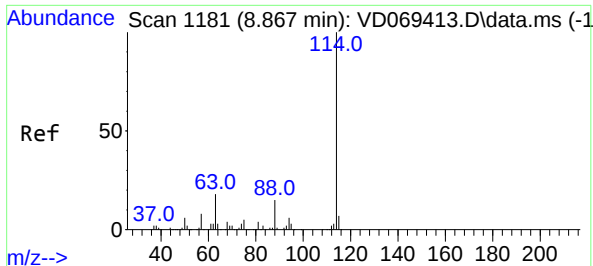
Tgt Ion: 43 Resp: 8313
Ion Ratio Lower Upper
43 100
72 30.6 23.9 35.9



#33
1,2-Dichloroethane-d4
Concen: 67.207 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

Tgt Ion: 65 Resp: 75450
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8



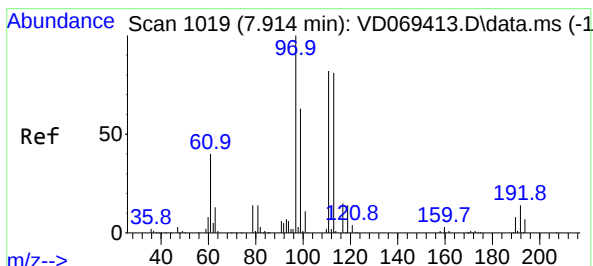
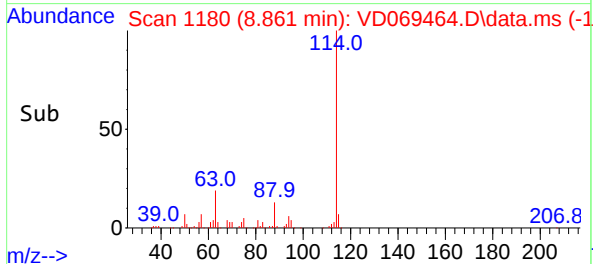
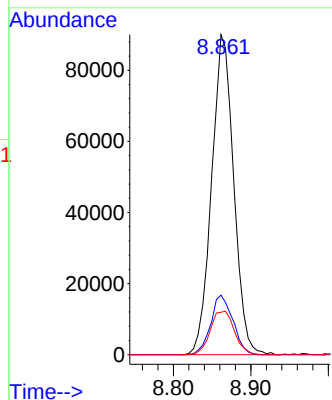
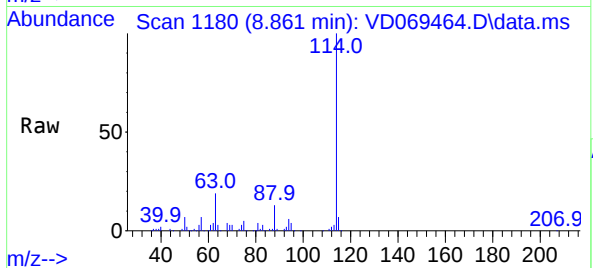


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
0223-COMP-O(DISCRETE-CL-23)

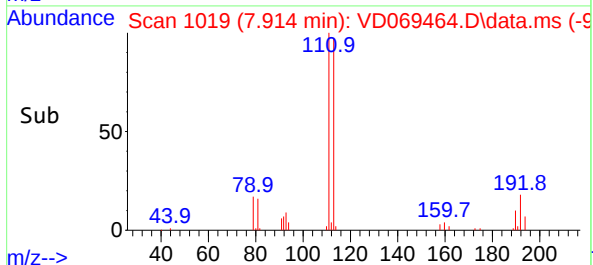
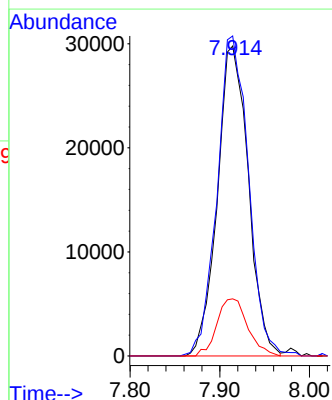
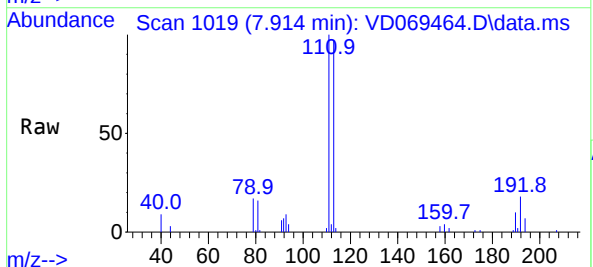
Tgt Ion:114 Resp: 178194
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 13.3 0.0 31.2

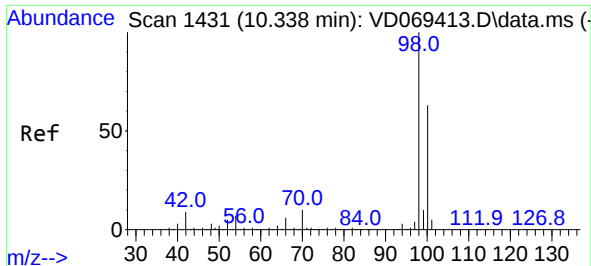


#35

Dibromofluoromethane
Concen: 53.430 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

Tgt Ion:113 Resp: 71312
Ion Ratio Lower Upper
113 100
111 104.8 83.0 124.6
192 18.3 15.1 22.7

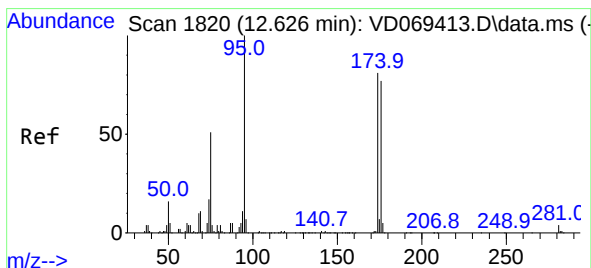
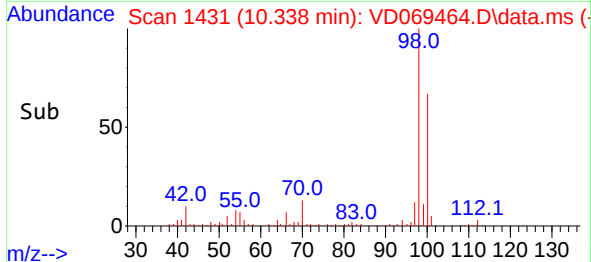
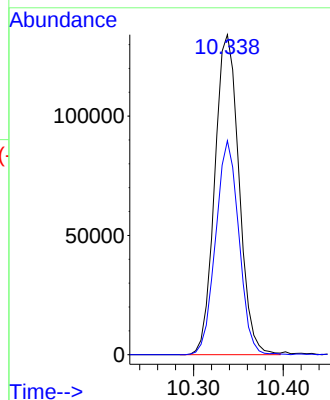
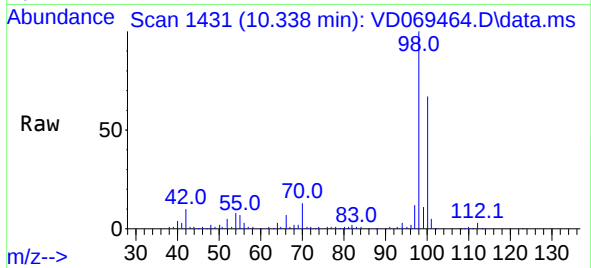




#50
Toluene-d8
Concen: 51.508 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

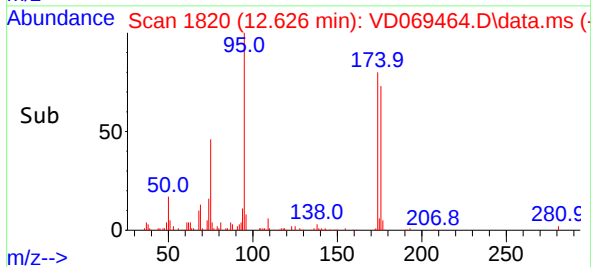
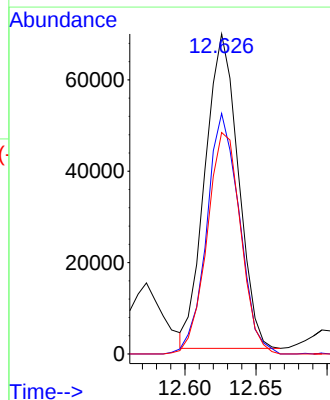
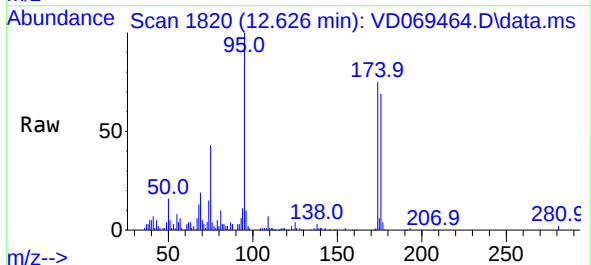
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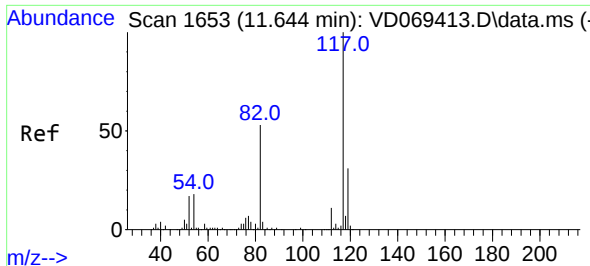
Tgt Ion: 98 Resp: 251437
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 71.408 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

Tgt Ion: 95 Resp: 111847
Ion Ratio Lower Upper
95 100
174 75.5 0.0 162.8
176 71.4 0.0 154.4

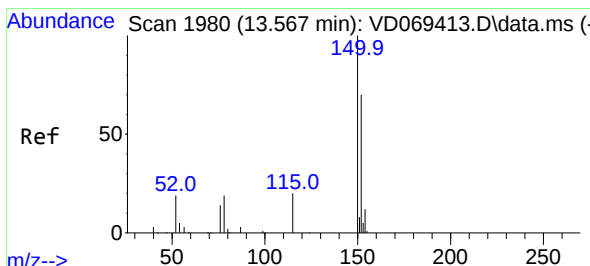
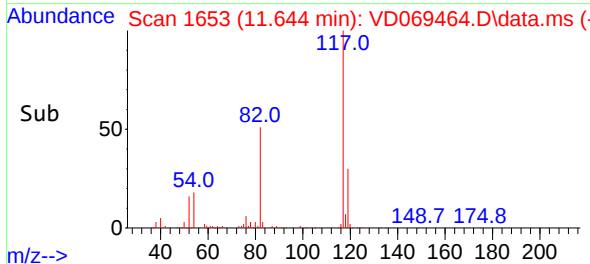
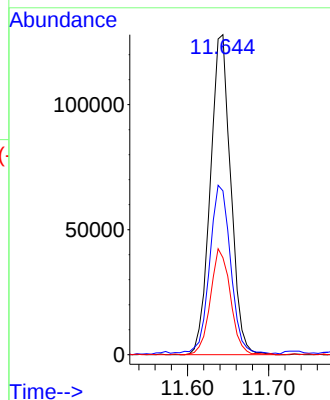
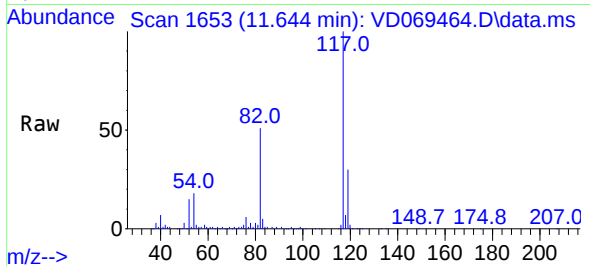




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069464.D
Acq: 16 Jun 2021 13:57

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Tgt Ion:	117	Resp:	223297
Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.3	64.9
119	30.3	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: VD069464.D
Acq: 16 Jun 2021 13:57

Tgt Ion:	152	Resp:	110489
Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.4	88.3
150	156.1	0.0	355.0

