

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069940.D
 Acq On : 30 Jul 2021 16:54
 Operator : VA/SY
 Sample : M3241-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210592-AMENDED-COM-6

Quant Time: Jul 31 00:39:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

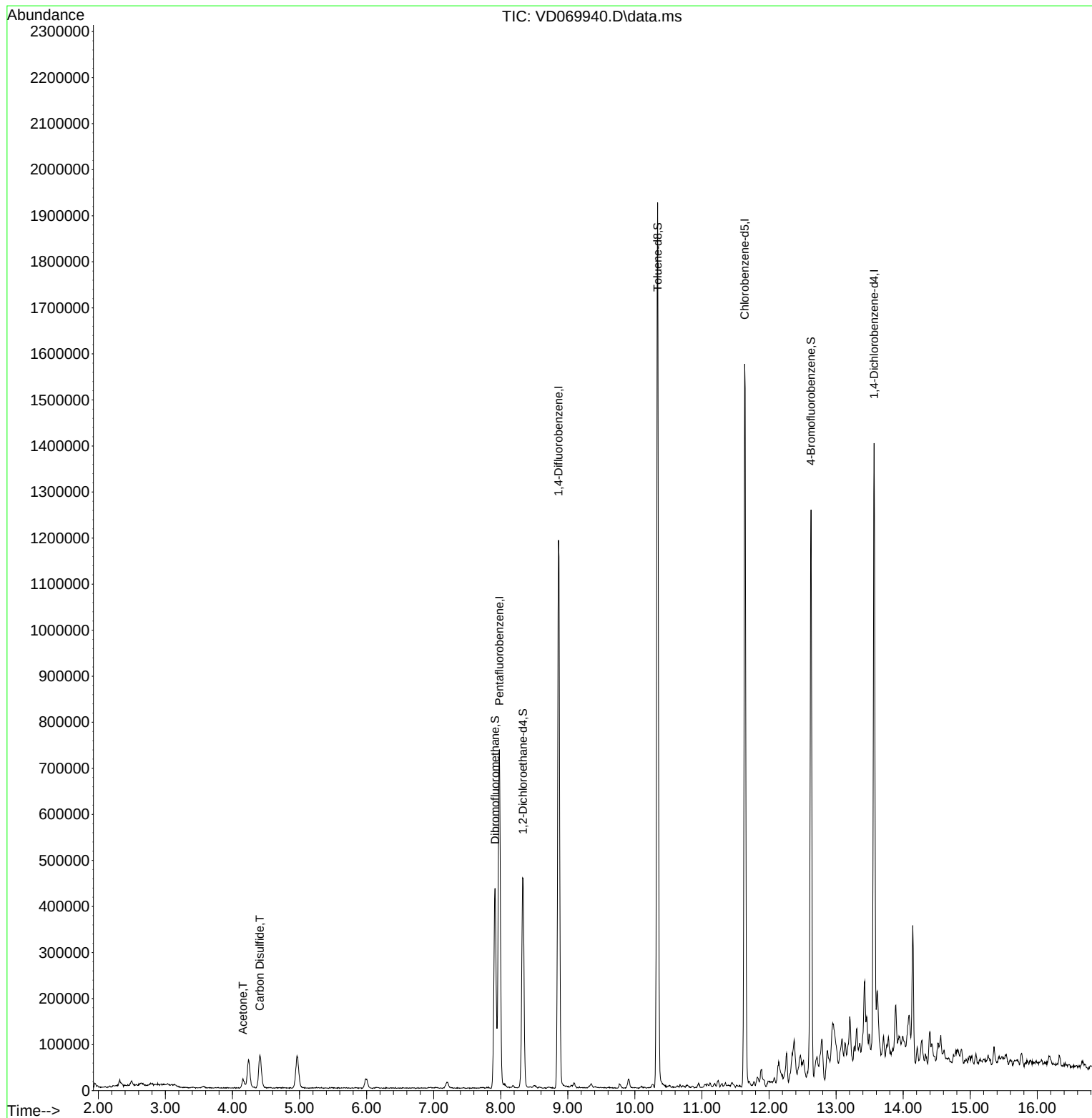
Internal Standards						
1) Pentafluorobenzene	7.979	168	522804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1026476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	935271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	365453	60.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.560%
35) Dibromofluoromethane	7.914	113	323291	49.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.338	98	1298003	52.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.626	95	413674	49.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.220%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	32498	29.920	ug/l	89
17) Carbon Disulfide	4.409	76	154434	7.221	ug/l	98

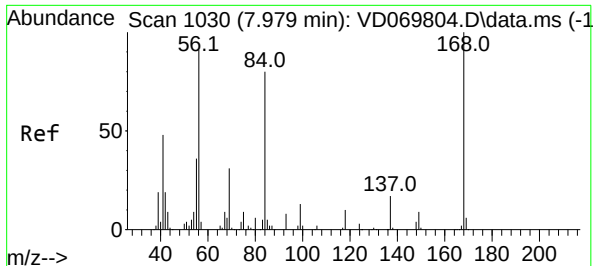
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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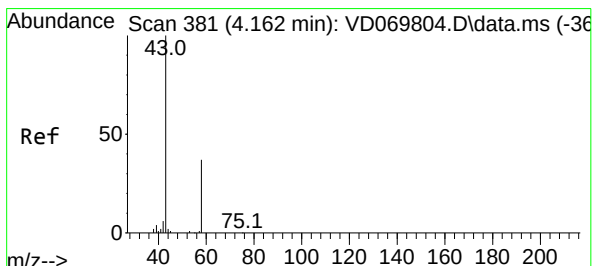
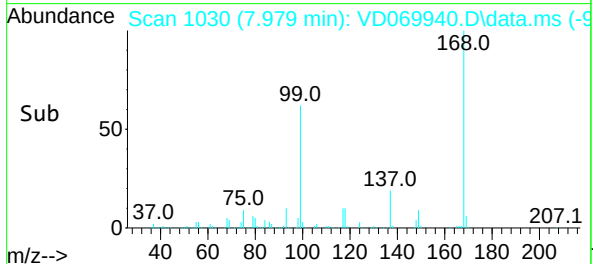
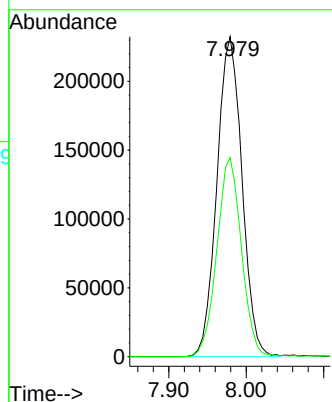
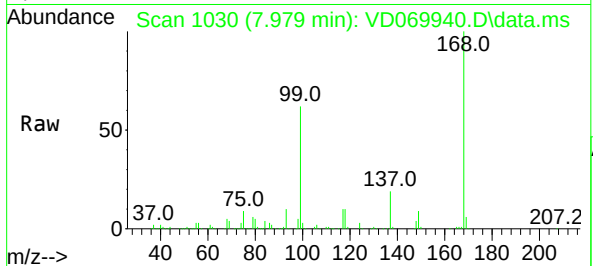




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

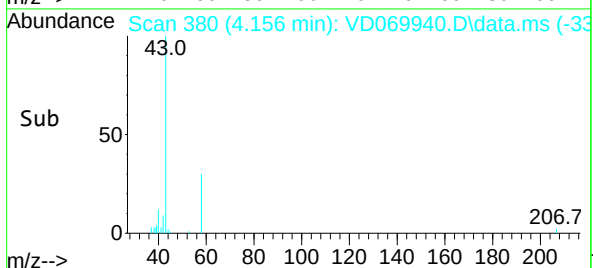
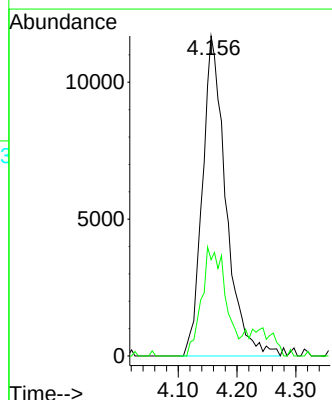
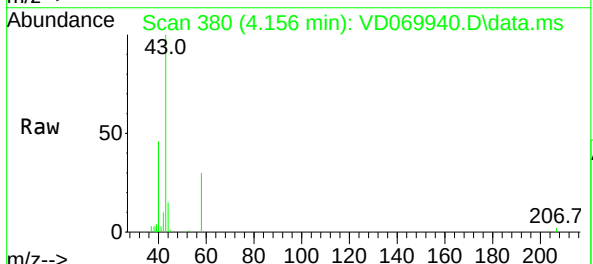
Instrument :
MSVOA_D
ClientSampleId :
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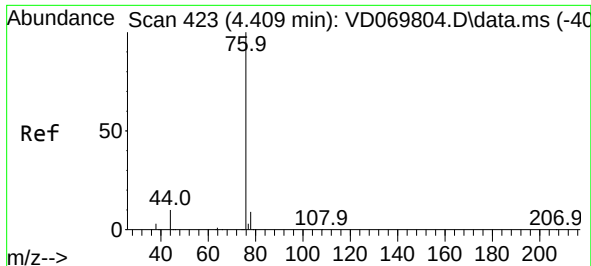
Tgt Ion:168 Resp: 522804
Ion Ratio Lower Upper
168 100
99 62.2 51.1 76.7



#16
Acetone
Concen: 29.920 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

Tgt Ion: 43 Resp: 32498
Ion Ratio Lower Upper
43 100
58 30.1 29.4 44.0

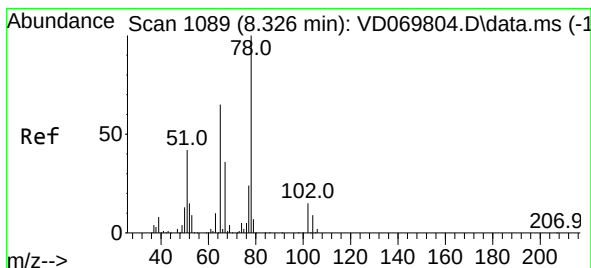
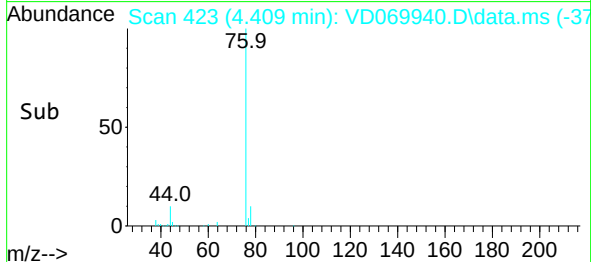
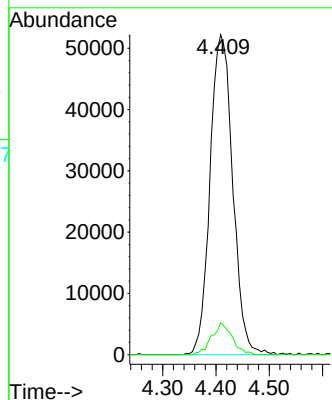
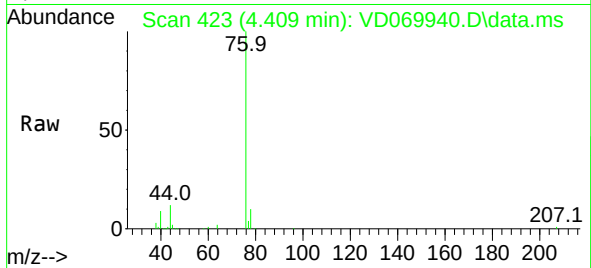




#17
Carbon Disulfide
Concen: 7.221 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

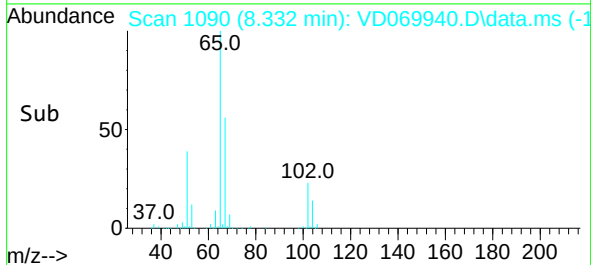
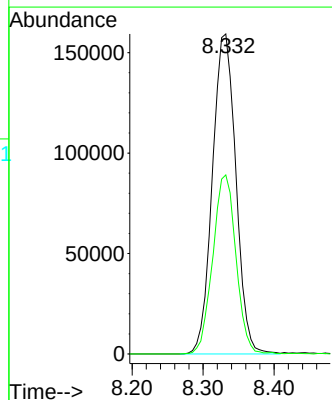
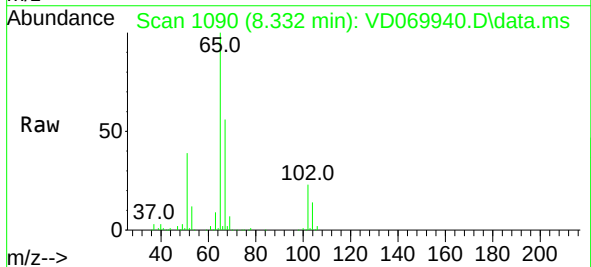
Instrument :
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ClientSampleId :
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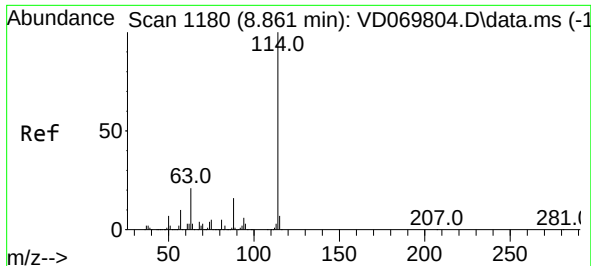
Tgt Ion: 76 Resp: 154434
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 60.780 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

Tgt Ion: 65 Resp: 365453
Ion Ratio Lower Upper
65 100
67 55.3 0.0 111.2

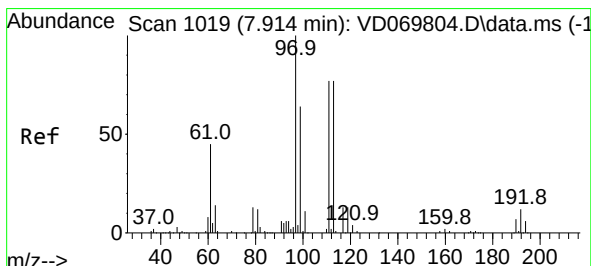
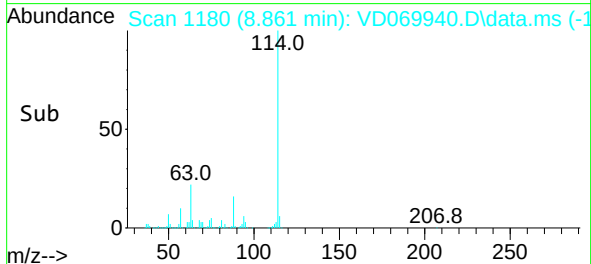
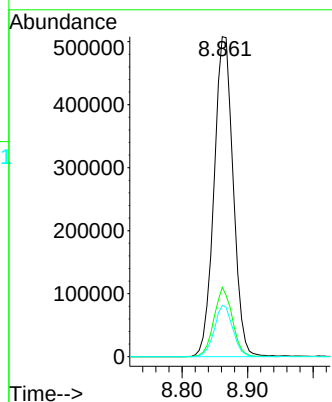
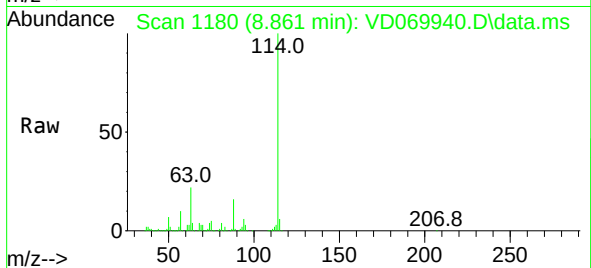




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

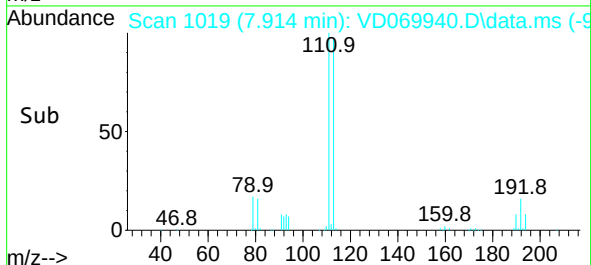
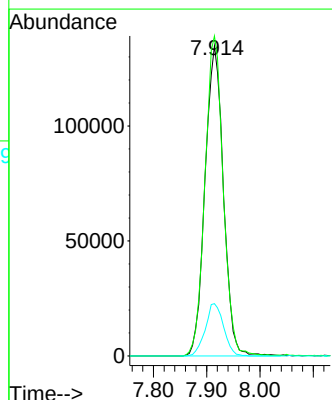
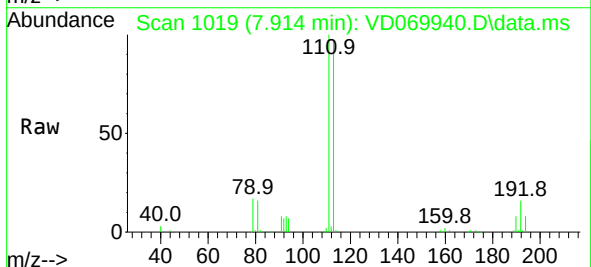
Instrument :
MSVOA_D
ClientSampleId :
20210592-AMENDED-COM-6

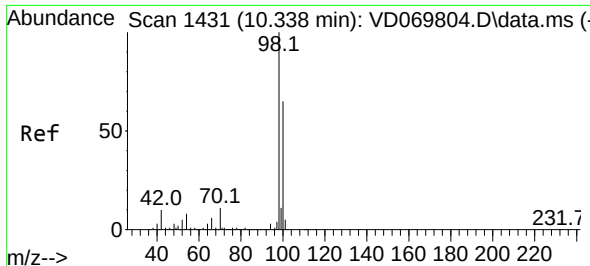
Tgt Ion:114 Resp: 1026476
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.961 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

Tgt Ion:113 Resp: 323291
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 16.8 12.6 19.0

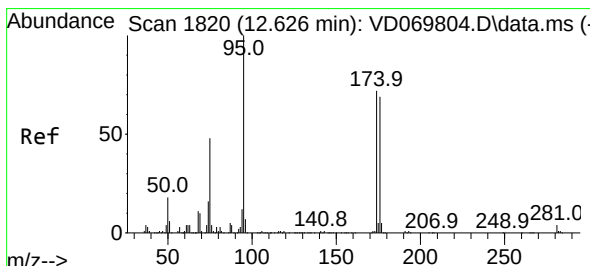
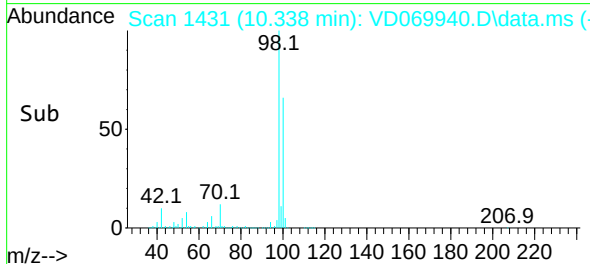
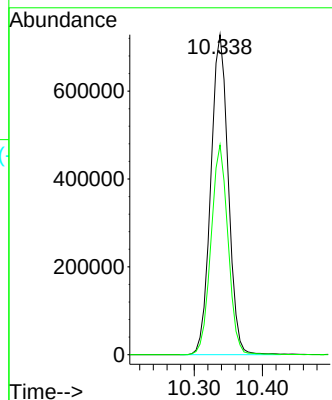
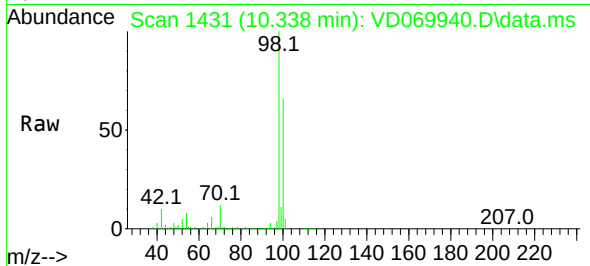




#50
Toluene-d8
Concen: 52.021 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

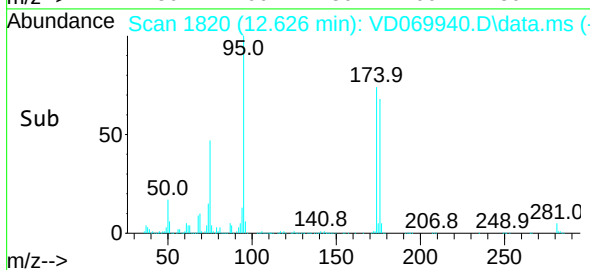
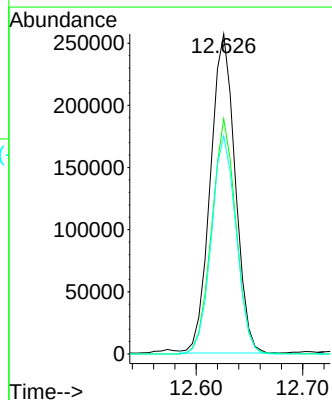
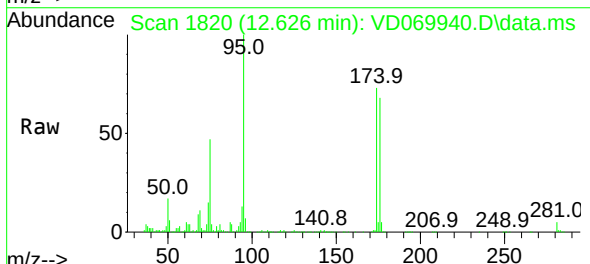
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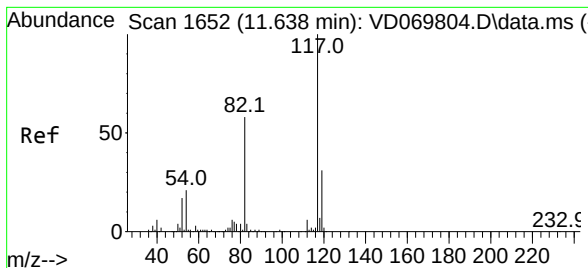
Tgt Ion: 98 Resp: 1298003
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.608 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

Tgt Ion: 95 Resp: 413674
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 68.4 0.0 134.2

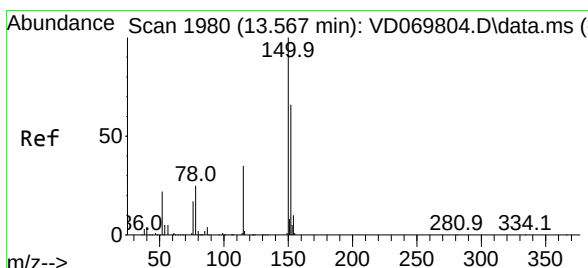
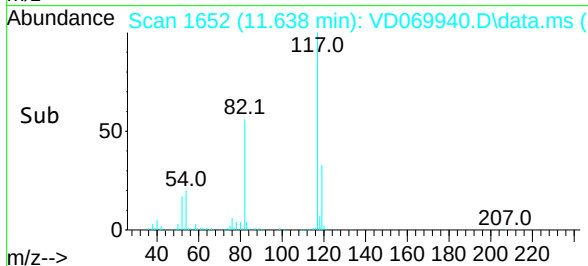
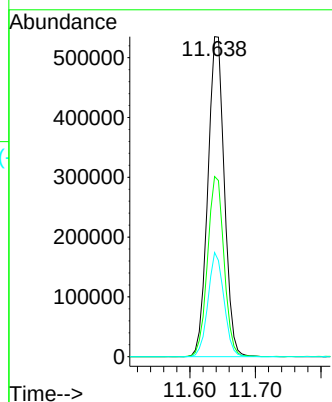
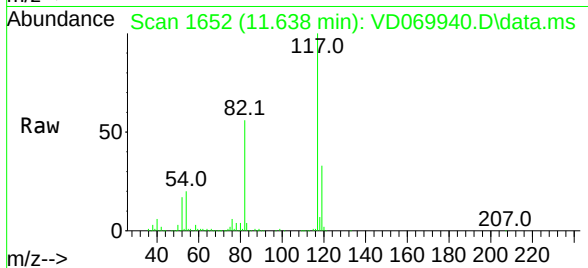




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

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Tgt Ion:117 Resp: 935271
Ion Ratio Lower Upper
117 100
82 56.3 46.3 69.5
119 32.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069940.D
Acq: 30 Jul 2021 16:54

Tgt Ion:152 Resp: 357089
Ion Ratio Lower Upper
152 100
115 62.6 31.1 93.3
150 156.9 0.0 343.0

