

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069909.D
 Acq On : 29 Jul 2021 14:05
 Operator : VA/SY
 Sample : M3216-03RE
 Misc : 8.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210486-72RE

Quant Time: Jul 30 00:55:16 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)

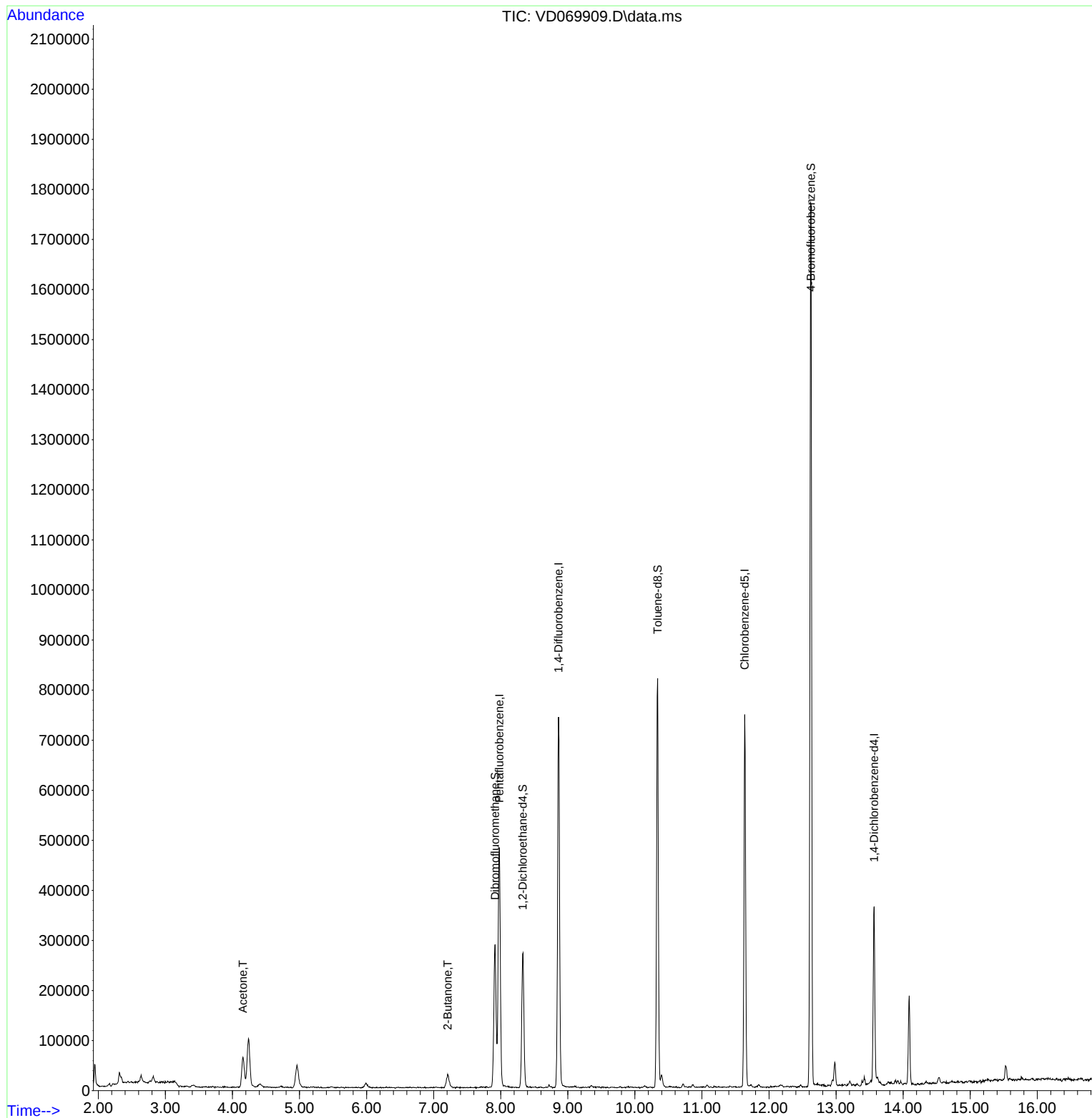
Internal Standards						
1) Pentafluorobenzene	7.979	168	340141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	626052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	435402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	93068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207453	53.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.914	113	208440	52.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.620%	
50) Toluene-d8	10.338	98	566543	37.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 74.460%	
62) 4-Bromofluorobenzene	12.626	95	147126	28.928	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.860%	
Target Compounds						Qvalue
16) Acetone	4.156	43	106511	150.721	ug/l	97
25) 2-Butanone	7.209	43	35285	36.819	ug/l	99

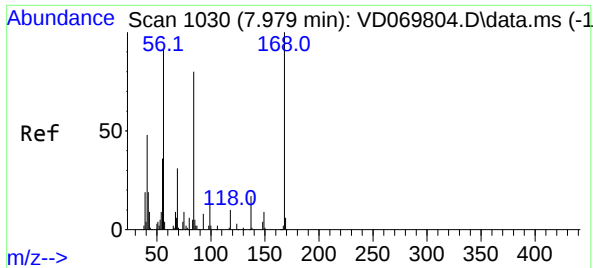
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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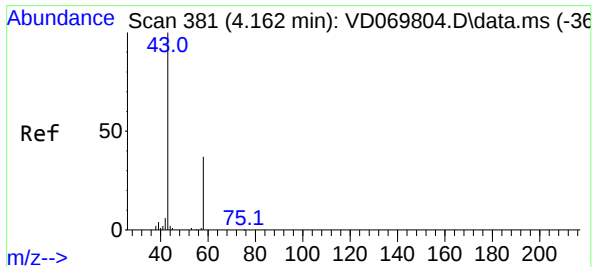
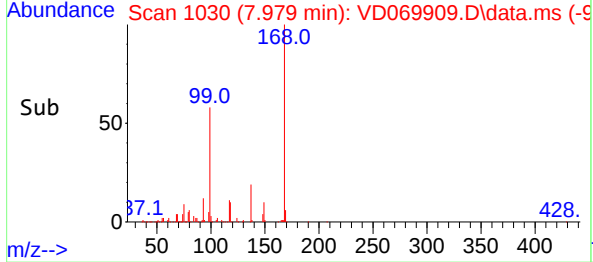
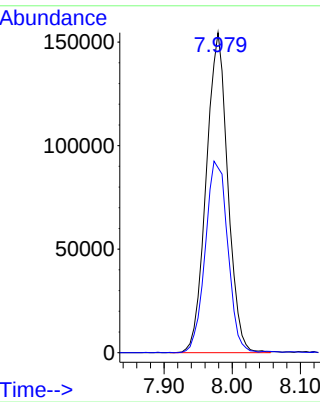
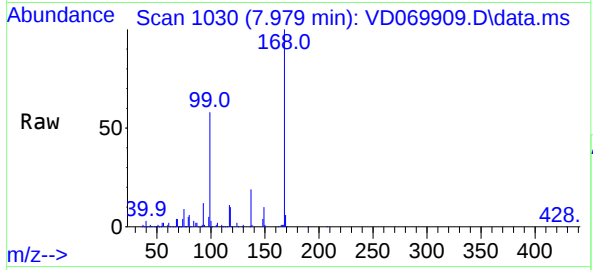




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

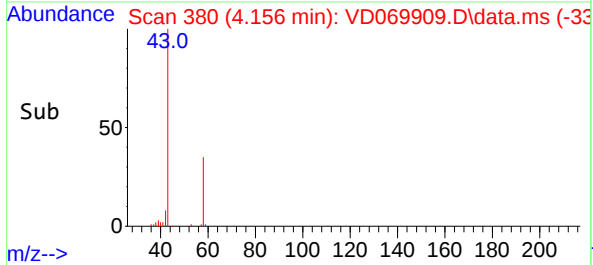
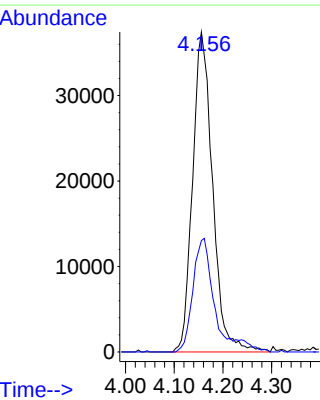
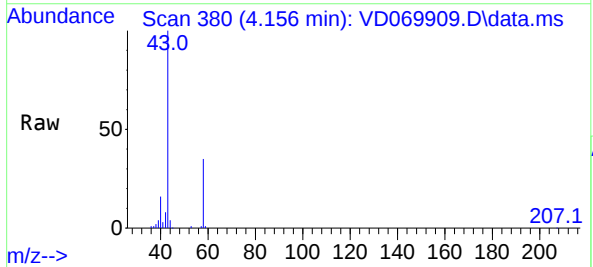
Instrument :
MSVOA_D
ClientSampleId :
20210486-72RE

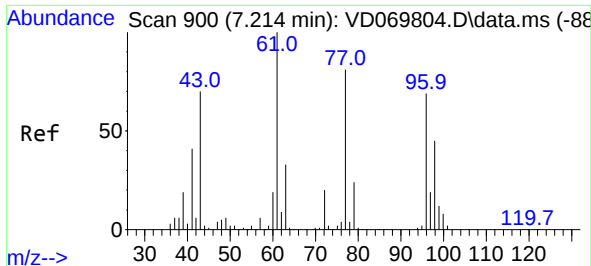
Tgt Ion:168 Resp: 340141
Ion Ratio Lower Upper
168 100
99 57.7 51.1 76.7



#16
Acetone
Concen: 150.721 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

Tgt Ion: 43 Resp: 106511
Ion Ratio Lower Upper
43 100
58 34.8 29.4 44.0

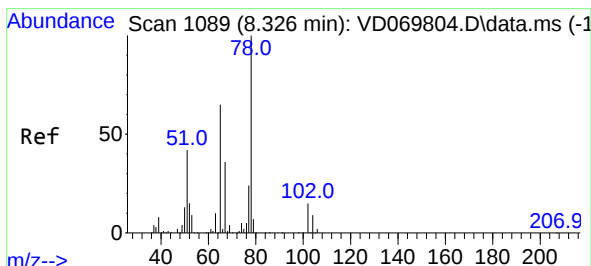
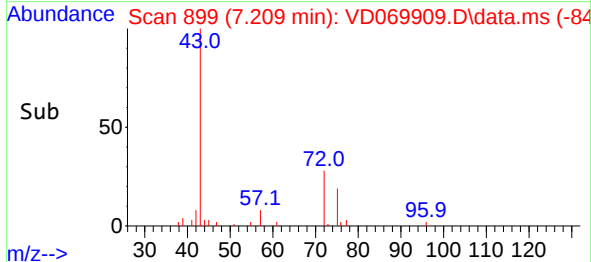
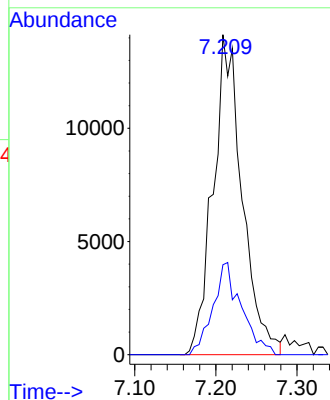
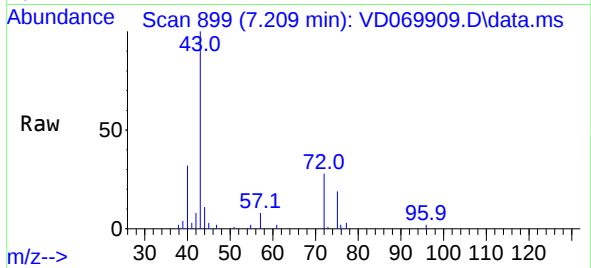




#25
2-Butanone
Concen: 36.819 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

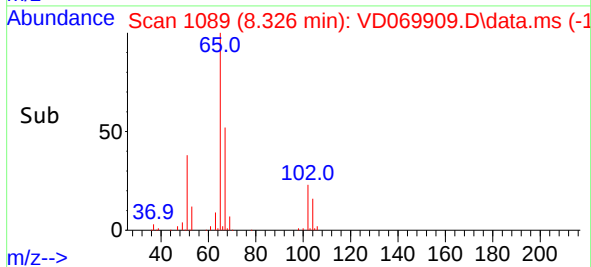
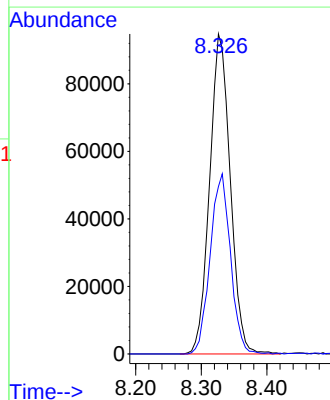
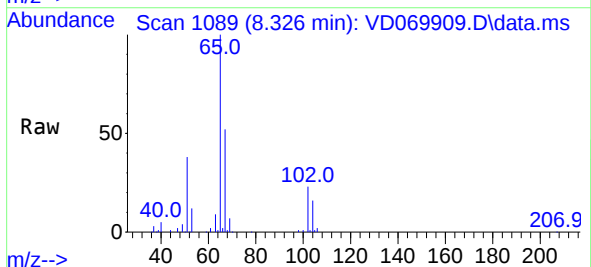
Instrument :
MSVOA_D
ClientSampleId :
20210486-72RE

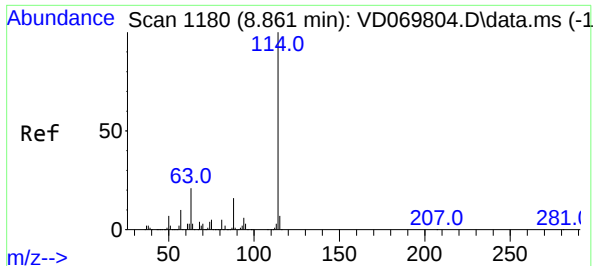
Tgt Ion: 43 Resp: 35285
Ion Ratio Lower Upper
43 100
72 28.1 22.8 34.2



#33
1,2-Dichloroethane-d4
Concen: 53.031 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

Tgt Ion: 65 Resp: 207453
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.2

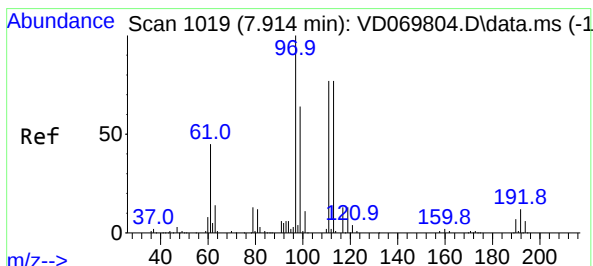
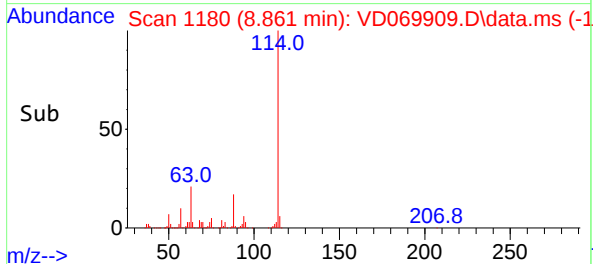
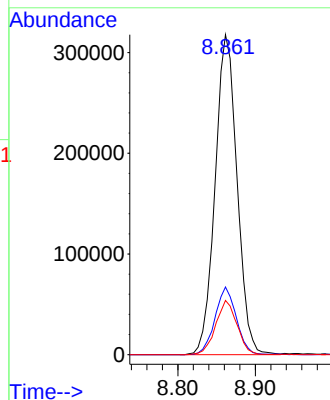
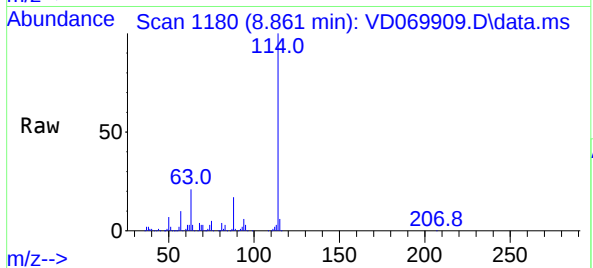




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

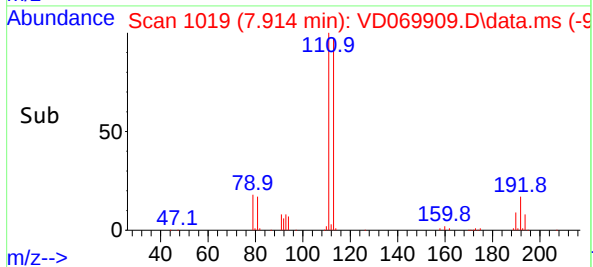
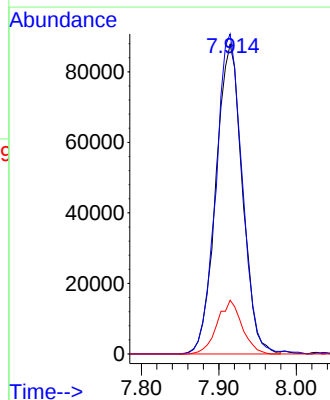
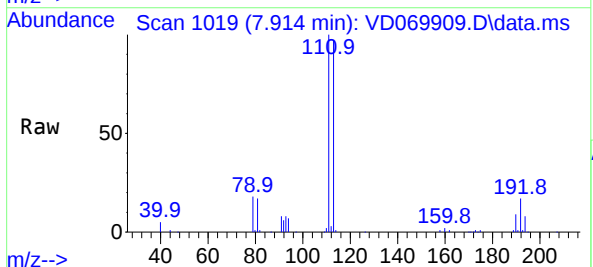
Instrument :
MSVOA_D
ClientSampleId :
20210486-72RE

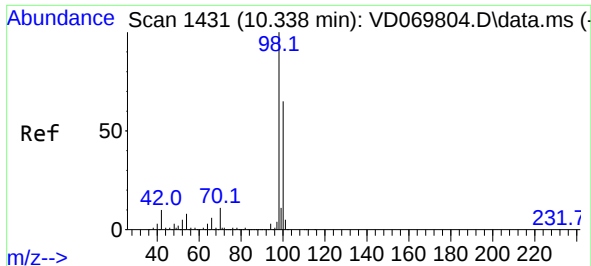
Tgt Ion:114 Resp: 626052
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.815 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

Tgt Ion:113 Resp: 208440
Ion Ratio Lower Upper
113 100
111 102.8 80.5 120.7
192 16.2 12.6 19.0

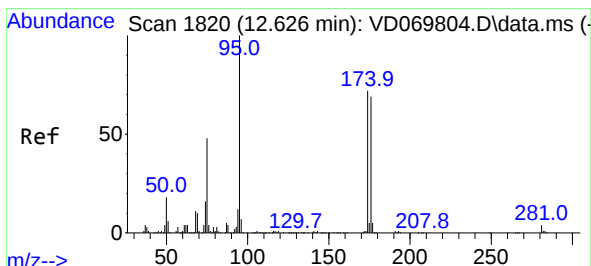
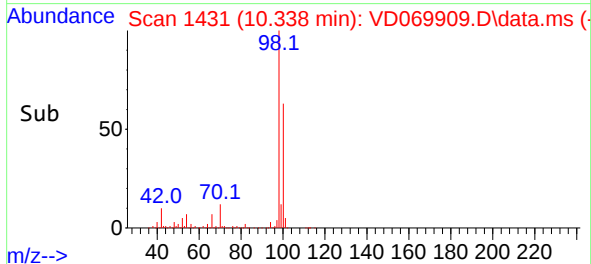
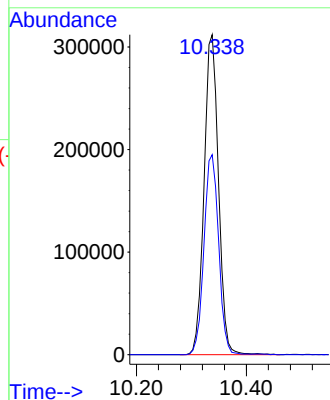
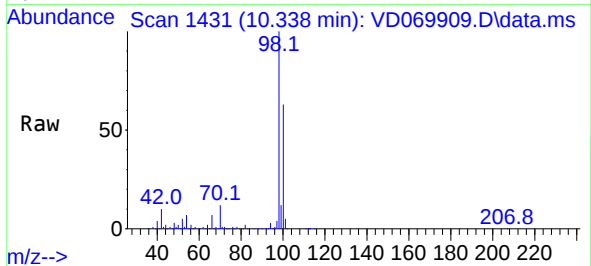




#50
Toluene-d8
Concen: 37.229 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

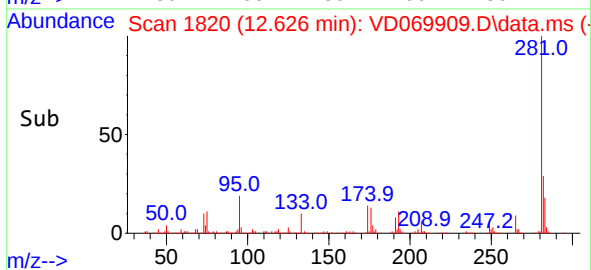
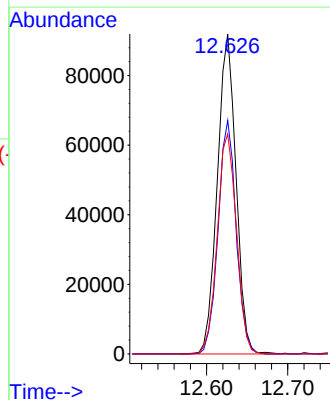
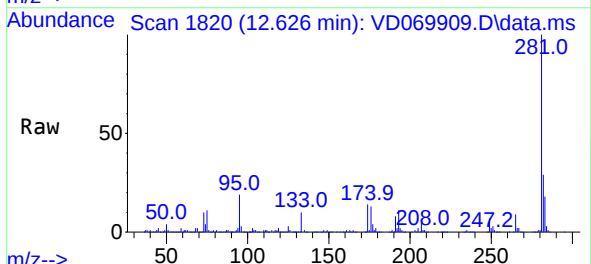
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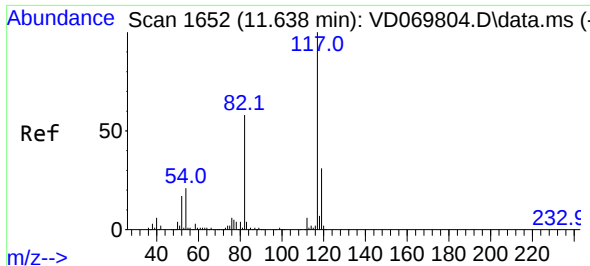
Tgt Ion: 98 Resp: 566543
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 28.928 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

Tgt Ion: 95 Resp: 147126
Ion Ratio Lower Upper
95 100
174 70.7 0.0 142.6
176 70.4 0.0 134.2

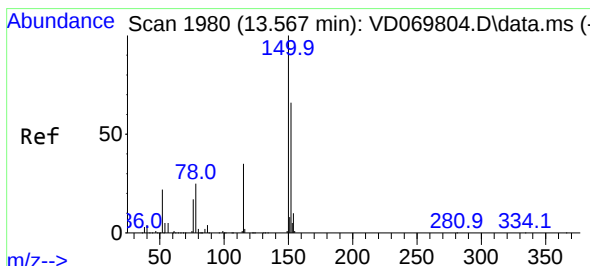
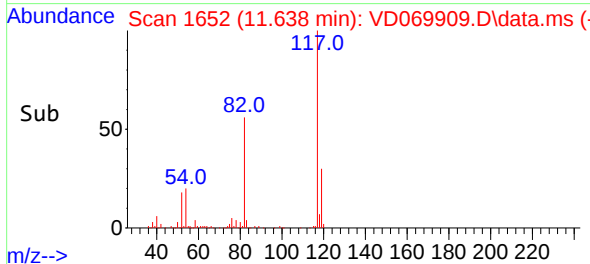
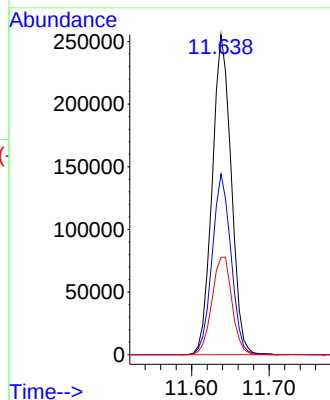
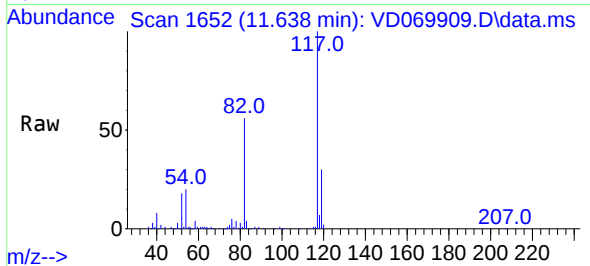




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069909.D
Acq: 29 Jul 2021 14:05

Instrument :
MSVOA_D
ClientSampleId :
20210486-72RE

Tgt Ion:117 Resp: 435402
Ion Ratio Lower Upper
117 100
82 56.5 46.3 69.5
119 30.4 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: VD069909.D
Acq: 29 Jul 2021 14:05

Tgt Ion:152 Resp: 93068
Ion Ratio Lower Upper
152 100
115 62.7 31.1 93.3
150 160.9 0.0 343.0

