

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069874.D
 Acq On : 27 Jul 2021 18:48
 Operator : VA/SY
 Sample : M3184-03
 Misc : 9.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210494-80

Quant Time: Jul 28 04:00:59 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)

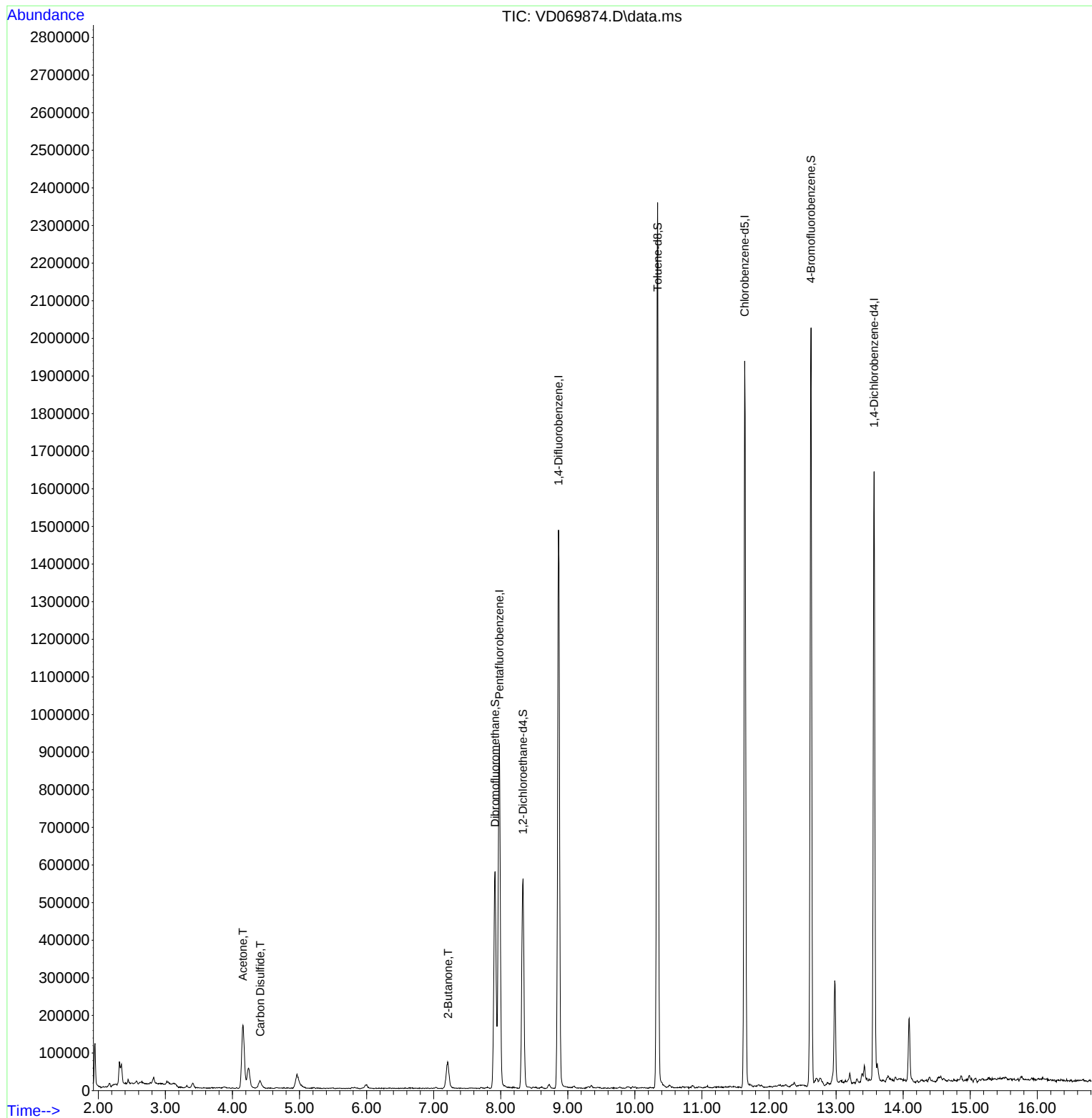
Internal Standards						
1) Pentafluorobenzene	7.979	168	643497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1260962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1130986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	420736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	446646	60.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.700%			
35) Dibromofluoromethane	7.914	113	427223	53.745	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.480%			
50) Toluene-d8	10.338	98	1593944	52.003	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.626	95	499057	48.718	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.440%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	297945	222.858	ug/l	96
17) Carbon Disulfide	4.415	76	39793	1.512	ug/l	98
25) 2-Butanone	7.214	43	86331	47.617	ug/l	93

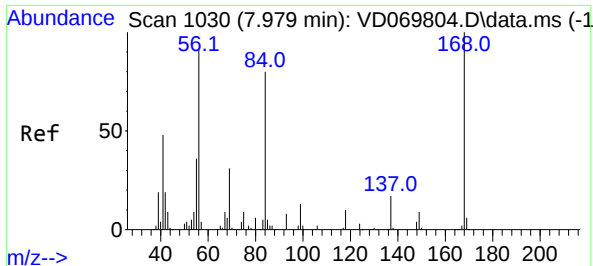
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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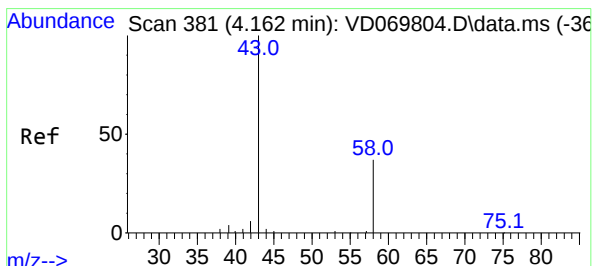
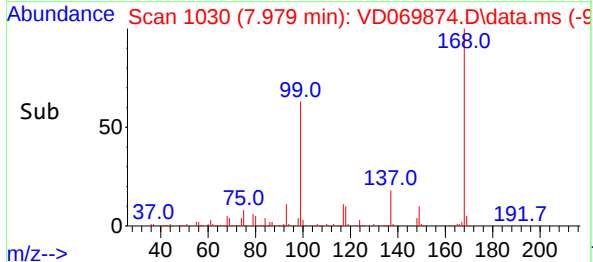
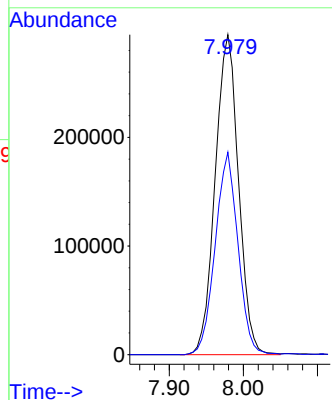
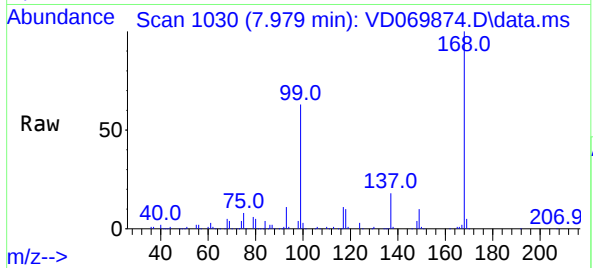




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

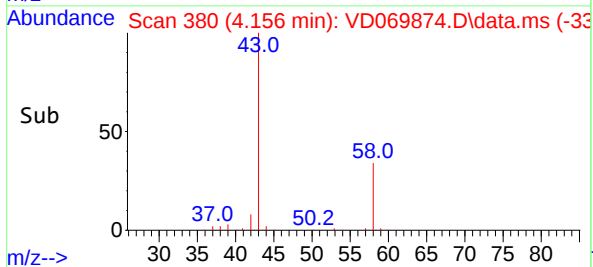
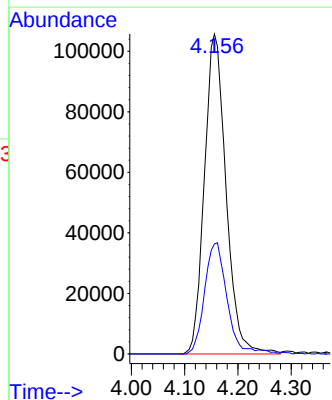
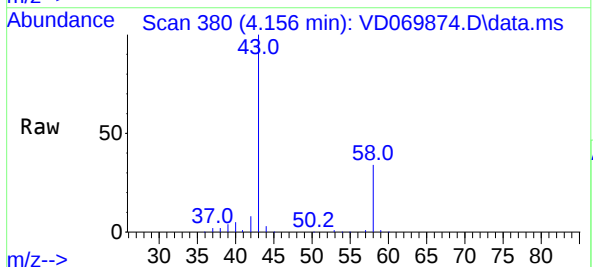
Instrument :
MSVOA_D
ClientSampleId :
20210494-80

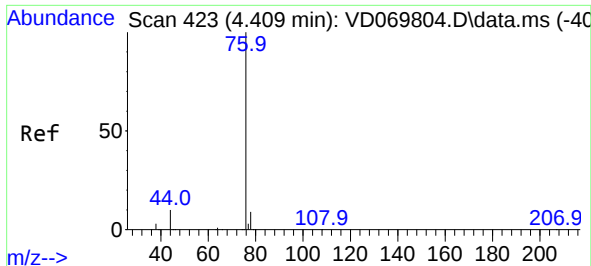
Tgt Ion:168 Resp: 643497
Ion Ratio Lower Upper
168 100
99 63.3 51.1 76.7



#16
Acetone
Concen: 222.858 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

Tgt Ion: 43 Resp: 297945
Ion Ratio Lower Upper
43 100
58 34.4 29.4 44.0

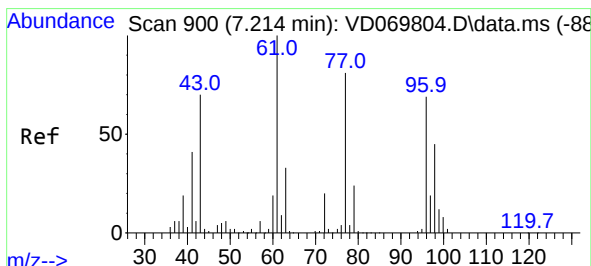
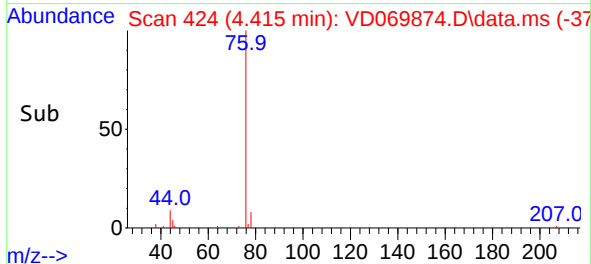
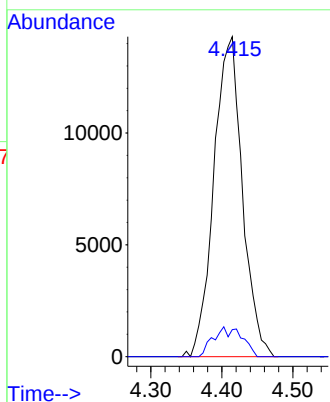
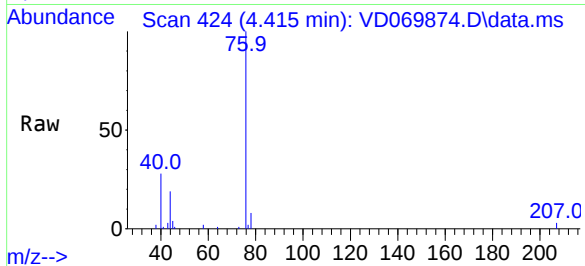




#17
Carbon Disulfide
Concen: 1.512 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

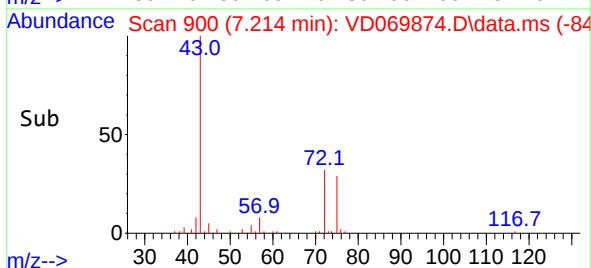
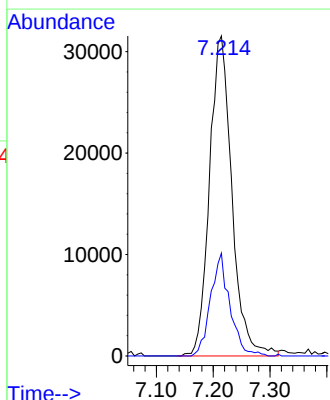
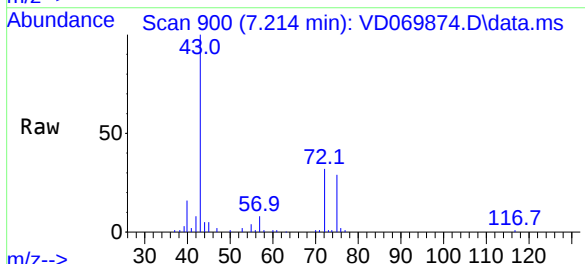
Instrument :
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ClientSampleId :
20210494-80

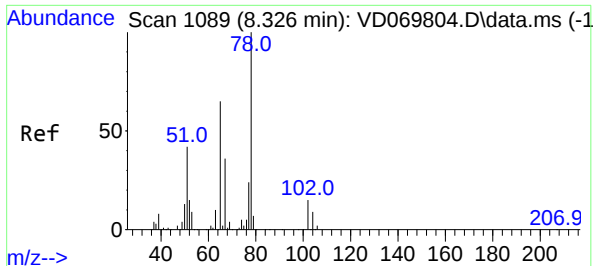
Tgt Ion: 76 Resp: 39793
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#25
2-Butanone
Concen: 47.617 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

Tgt Ion: 43 Resp: 86331
Ion Ratio Lower Upper
43 100
72 32.1 22.8 34.2

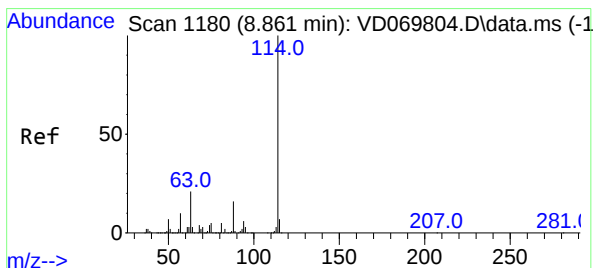
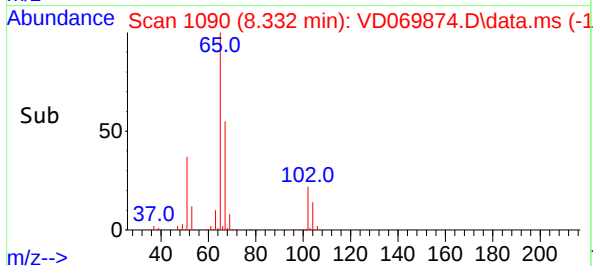
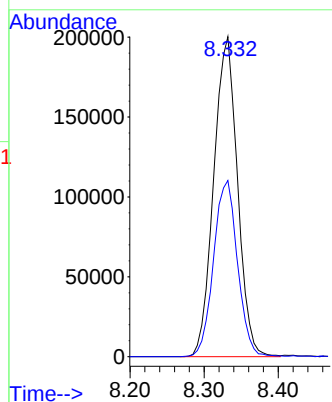
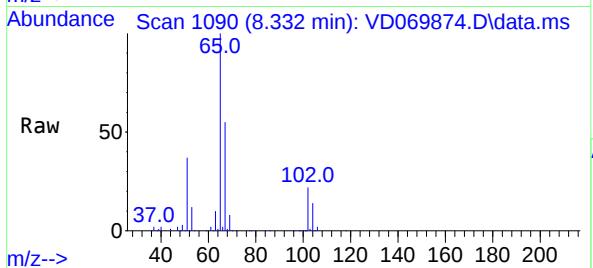




#33
1,2-Dichloroethane-d4
Concen: 60.351 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

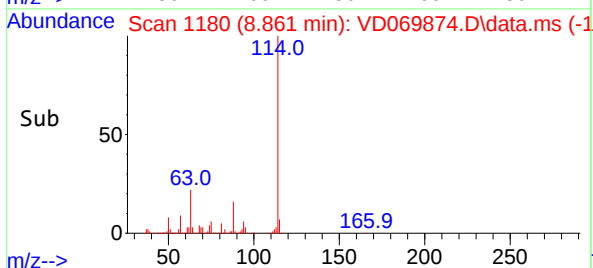
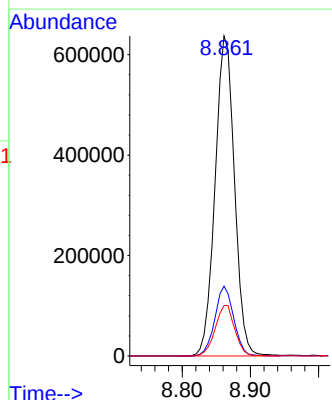
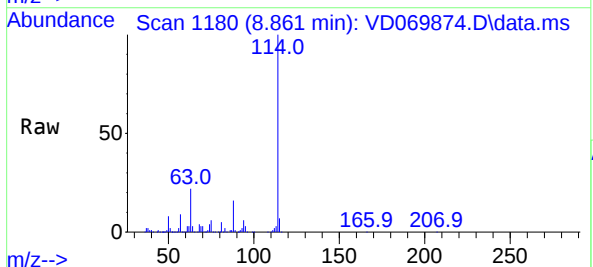
Instrument :
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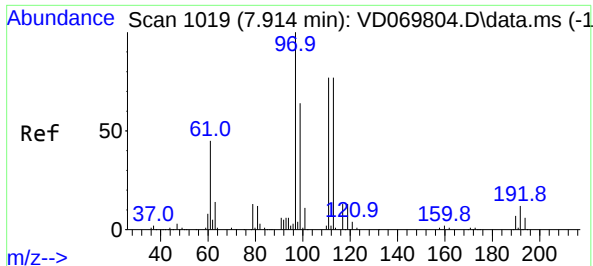
Tgt Ion: 65 Resp: 446646
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

Tgt Ion:114 Resp: 1260962
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.6
88 15.8 0.0 31.4

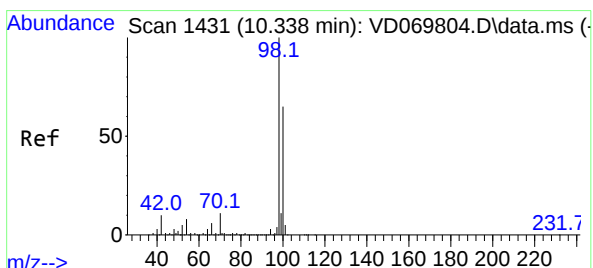
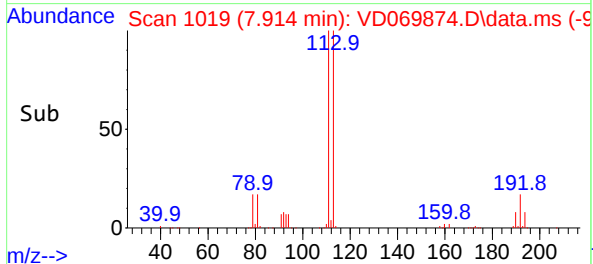
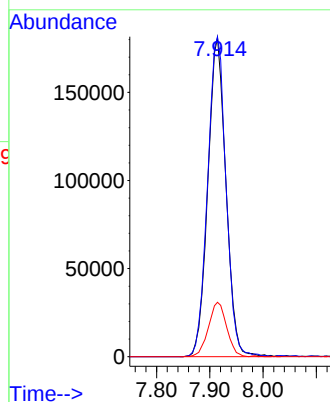
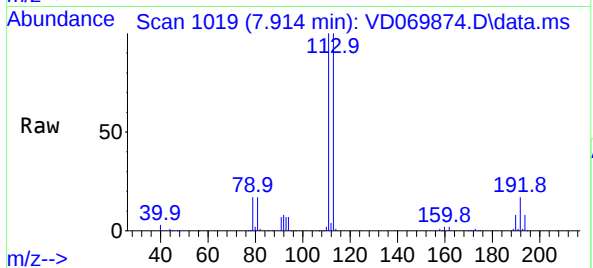




#35
Dibromofluoromethane
Concen: 53.745 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

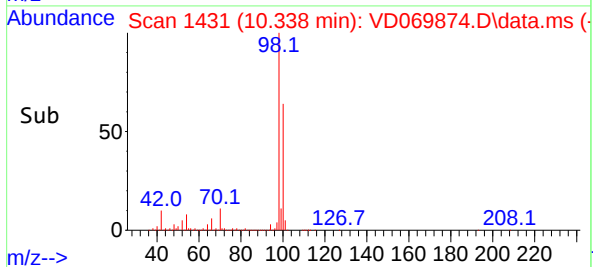
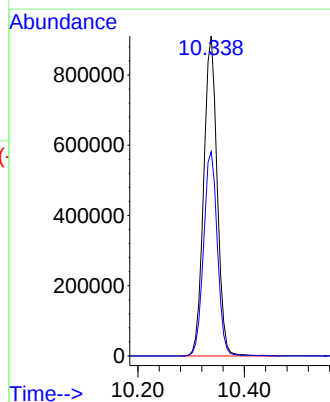
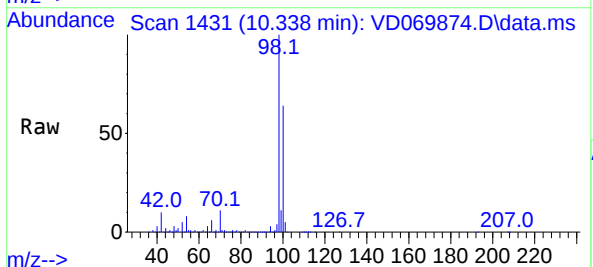
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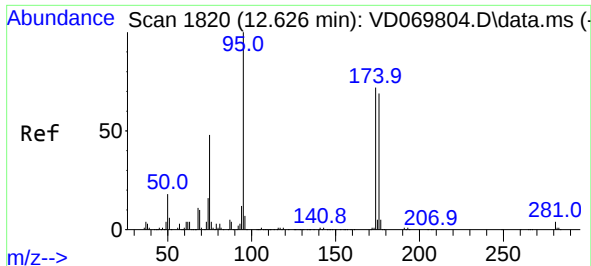
Tgt Ion:113 Resp: 427223
Ion Ratio Lower Upper
113 100
111 102.0 80.5 120.7
192 17.2 12.6 19.0



#50
Toluene-d8
Concen: 52.003 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

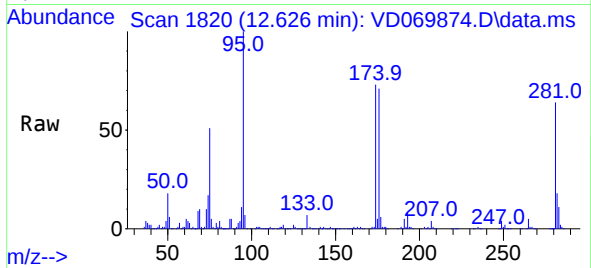
Tgt Ion: 98 Resp: 1593944
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



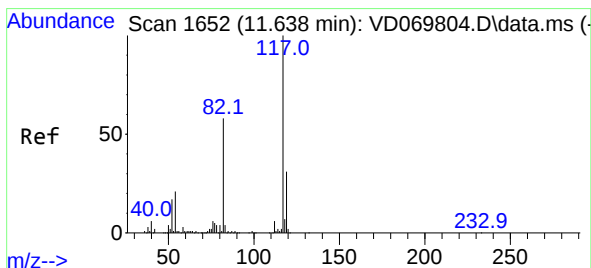
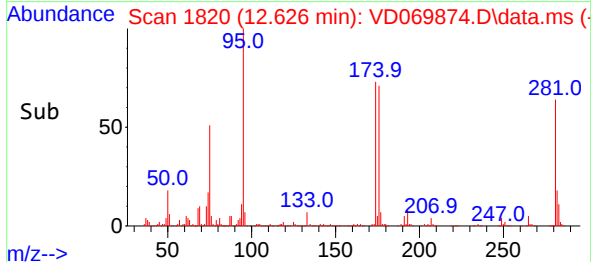
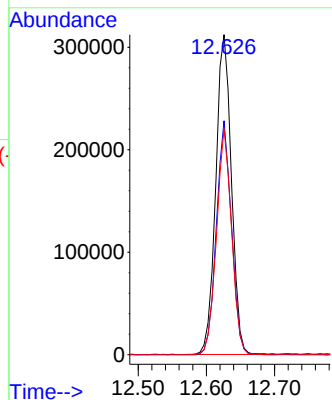


#62
4-Bromofluorobenzene
Concen: 48.718 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

Instrument :
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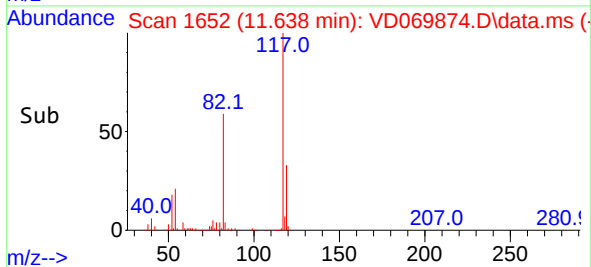
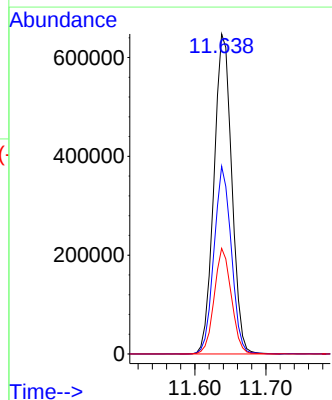
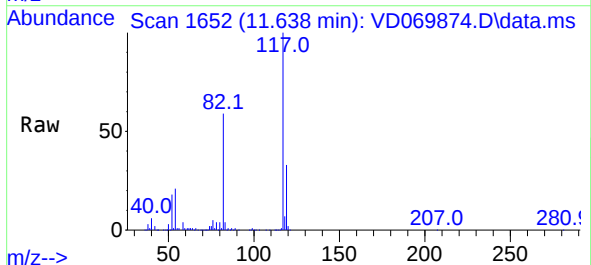


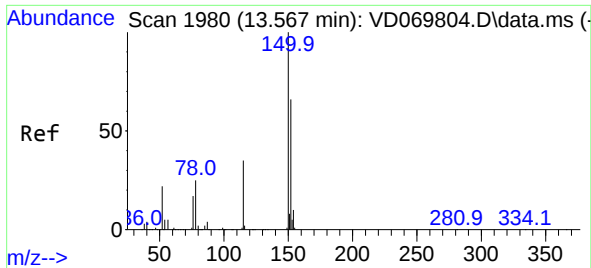
Tgt Ion: 95 Resp: 499057
Ion Ratio Lower Upper
95 100
174 70.6 0.0 142.6
176 68.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069874.D
Acq: 27 Jul 2021 18:48

Tgt Ion: 117 Resp: 1130986
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 33.0 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: VD069874.D
 Acq: 27 Jul 2021 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 20210494-80

Tgt Ion:152 Resp: 420736
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.1 93.3
 150 159.2 0.0 343.0

