

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069923.D
 Acq On : 29 Jul 2021 20:47
 Operator : VA/SY
 Sample : M3228-02
 Misc : 7.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210465-51

Quant Time: Jul 30 00:59:17 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)

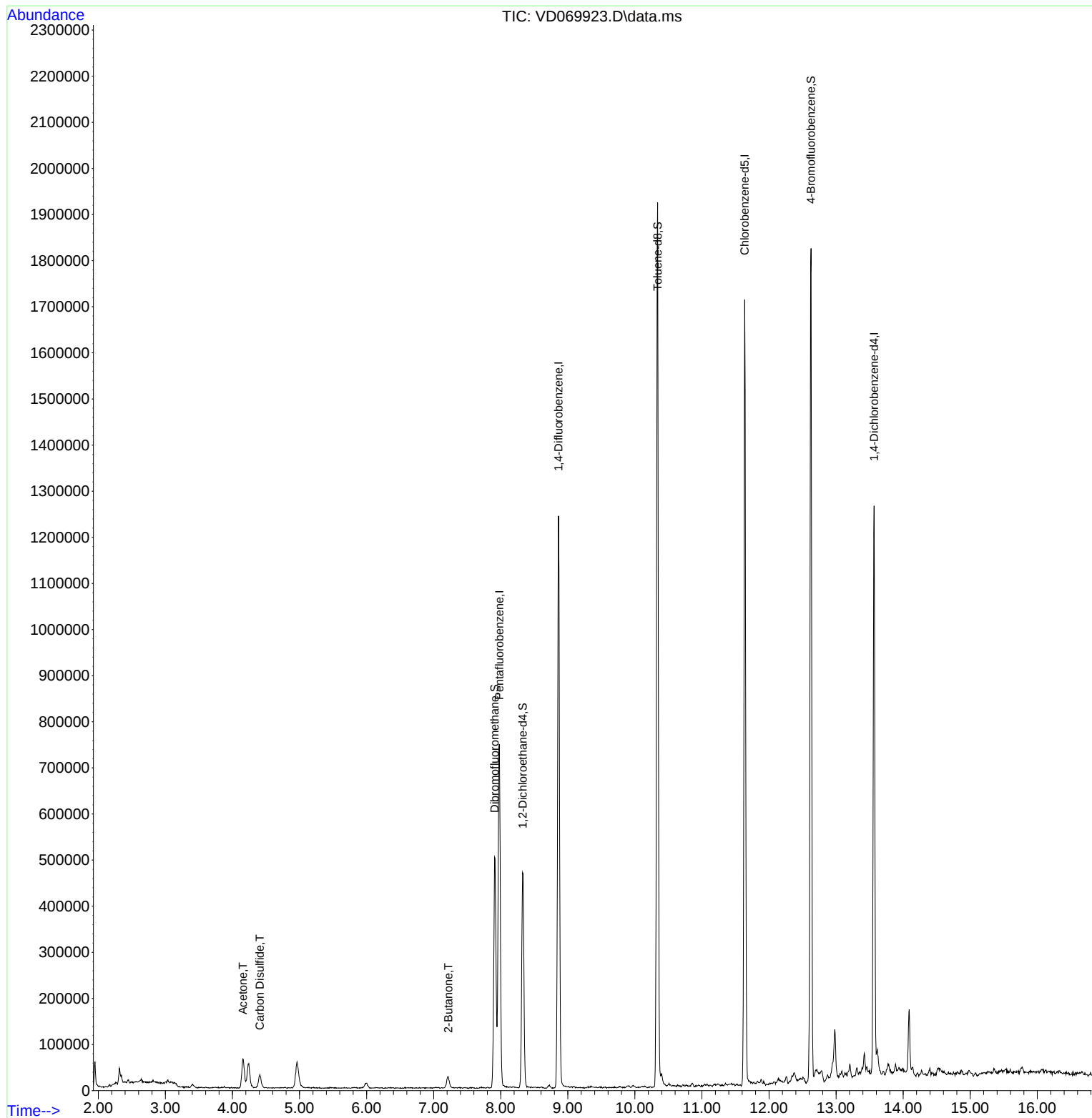
Internal Standards						
1) Pentafluorobenzene	7.979	168	543970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1046682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	982593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	327471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	377258	60.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.600%			
35) Dibromofluoromethane	7.908	113	367663	55.721	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.440%			
50) Toluene-d8	10.338	98	1320322	51.894	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.626	95	416206	48.948	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.900%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	110763	98.007	ug/l	100
17) Carbon Disulfide	4.409	76	59013	2.652	ug/l	100
25) 2-Butanone	7.220	43	38803	25.318	ug/l	91

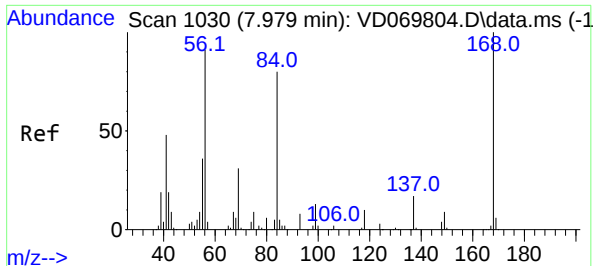
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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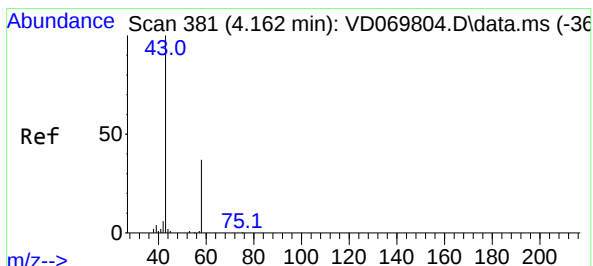
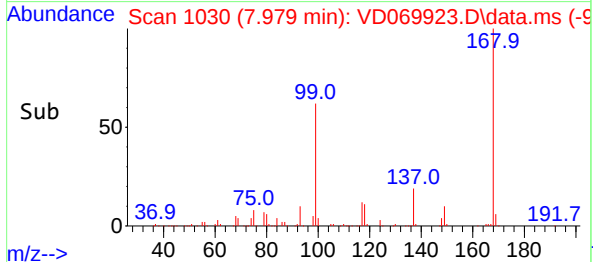
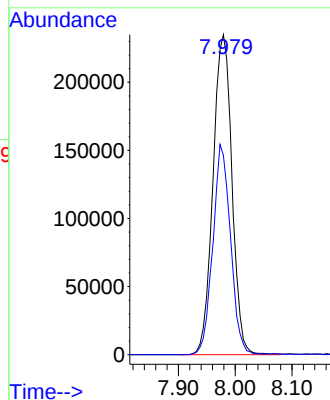
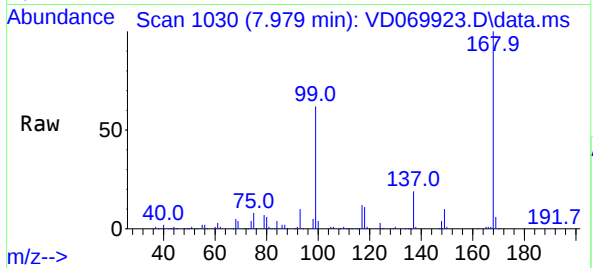




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

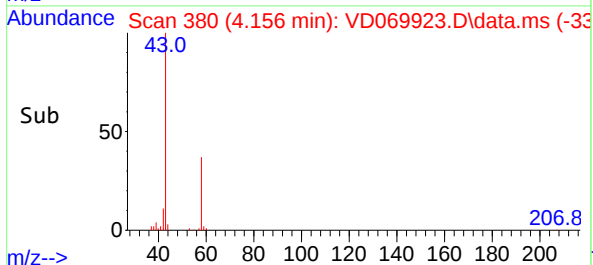
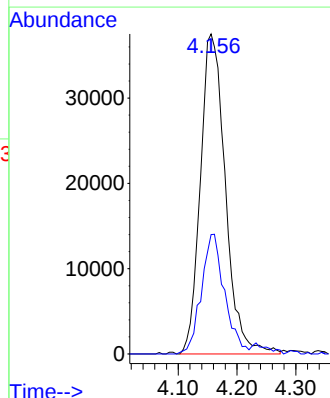
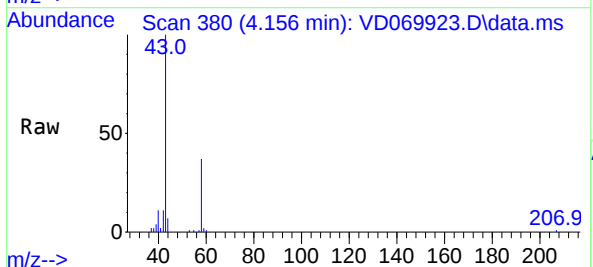
Instrument :
MSVOA_D
ClientSampleId :
20210465-51

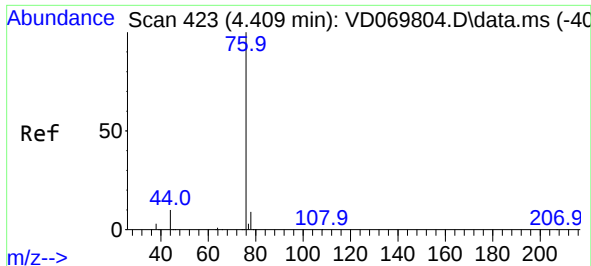
Tgt Ion:168 Resp: 543970
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#16
Acetone
Concen: 98.007 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

Tgt Ion: 43 Resp: 110763
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0

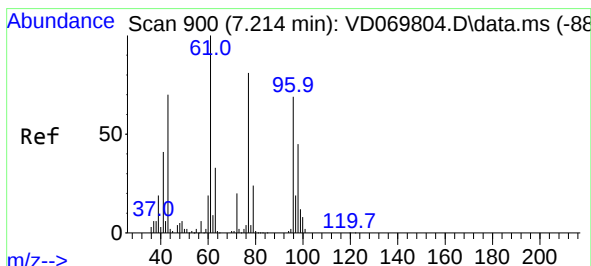
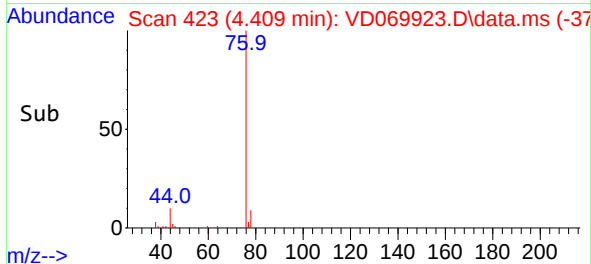
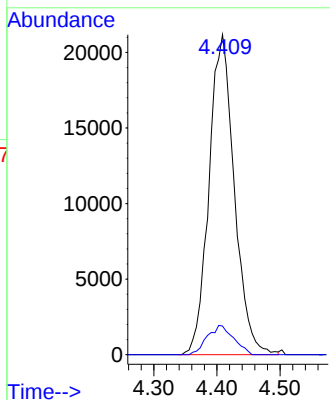
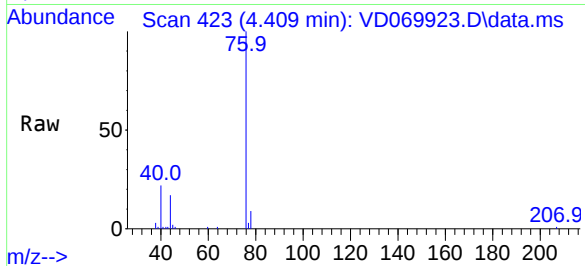




#17
Carbon Disulfide
Concen: 2.652 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

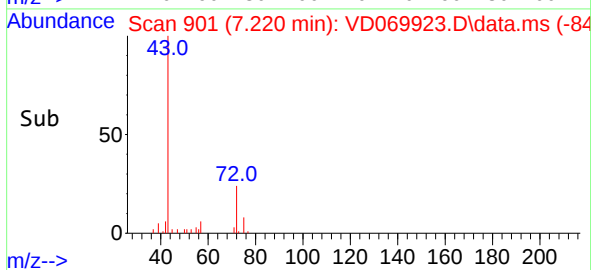
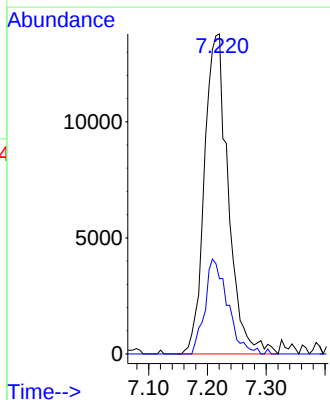
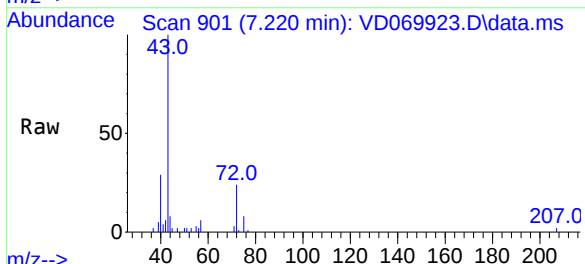
Instrument :
MSVOA_D
ClientSampleId :
20210465-51

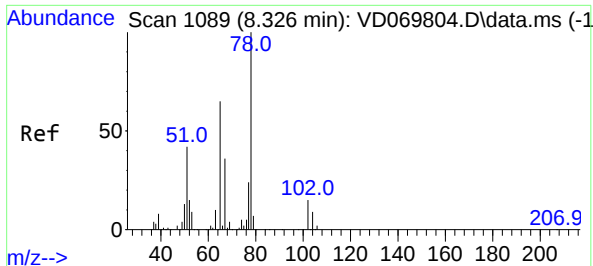
Tgt Ion: 76 Resp: 59013
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#25
2-Butanone
Concen: 25.318 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

Tgt Ion: 43 Resp: 38803
Ion Ratio Lower Upper
43 100
72 23.5 22.8 34.2

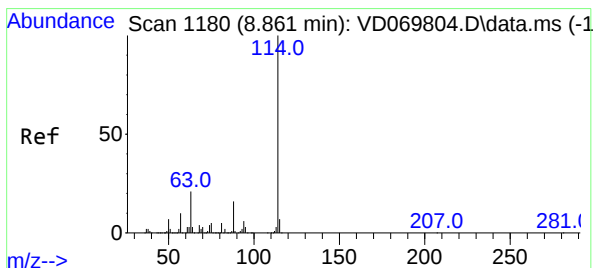
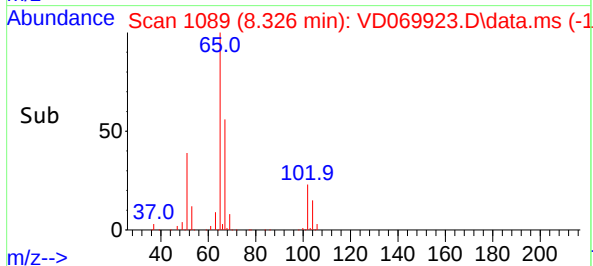
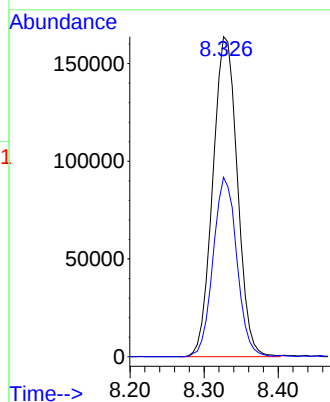
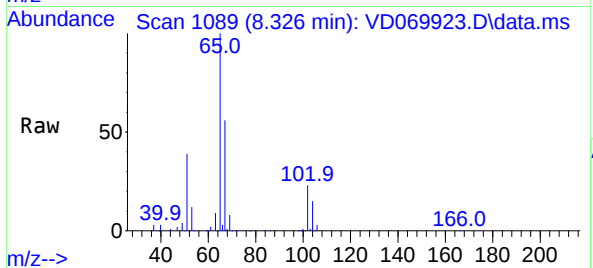




#33
1,2-Dichloroethane-d4
Concen: 60.302 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

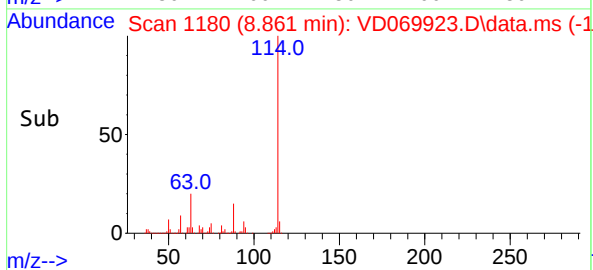
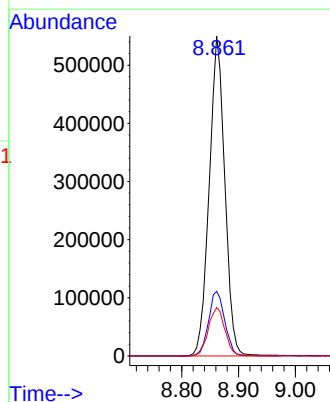
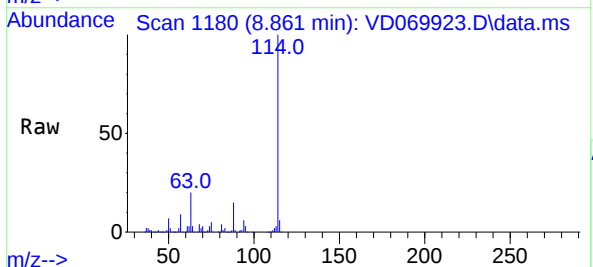
Instrument :
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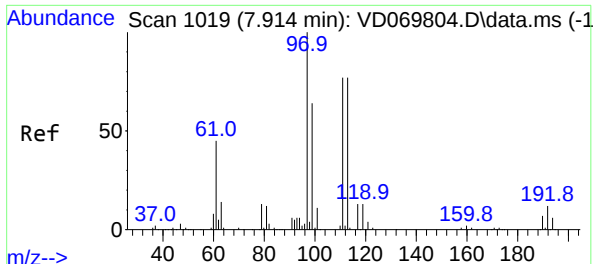
Tgt Ion: 65 Resp: 377258
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

Tgt Ion:114 Resp: 1046682
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.1 0.0 31.4

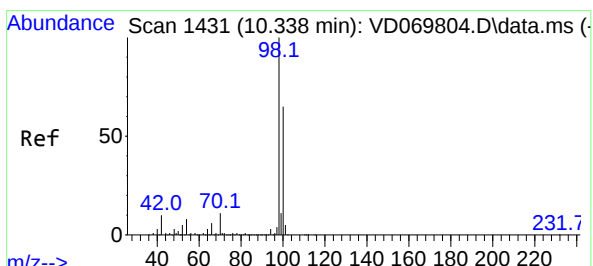
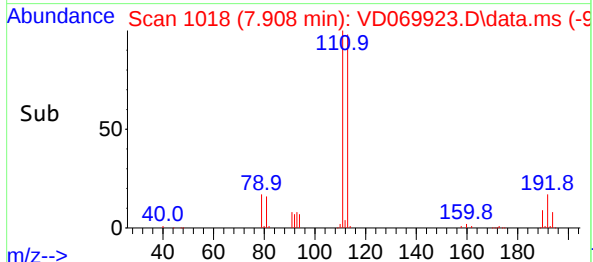
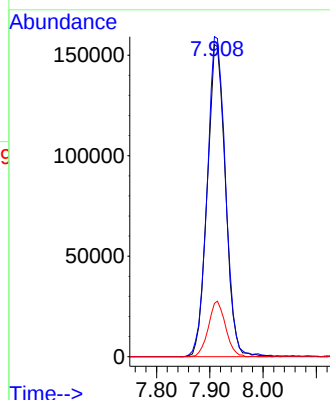
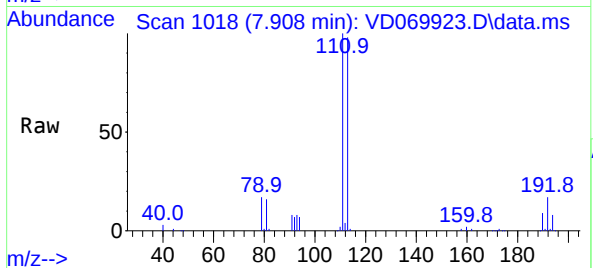




#35
Dibromofluoromethane
Concen: 55.721 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

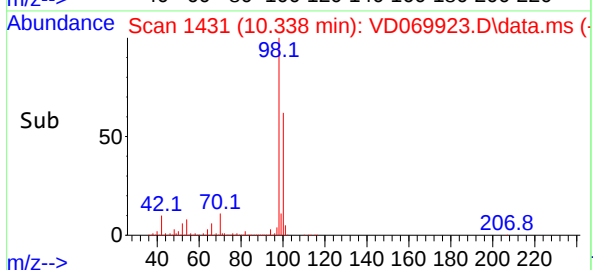
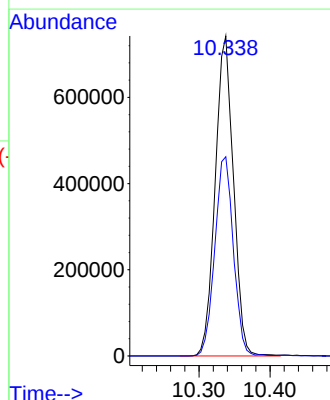
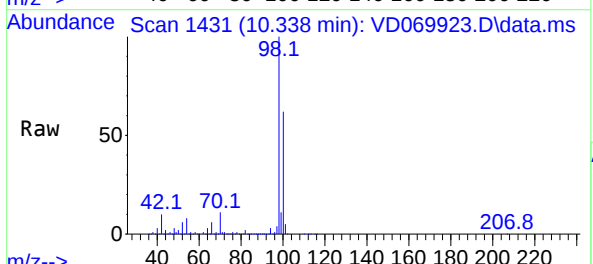
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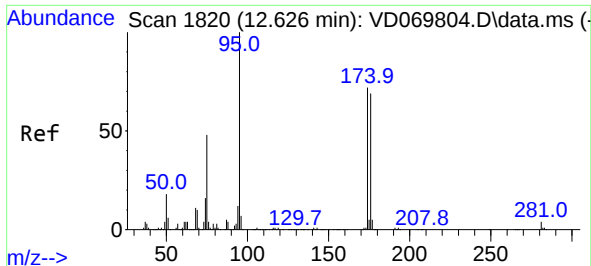
Tgt Ion:113 Resp: 367663
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 16.8 12.6 19.0



#50
Toluene-d8
Concen: 51.894 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

Tgt Ion: 98 Resp: 1320322
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

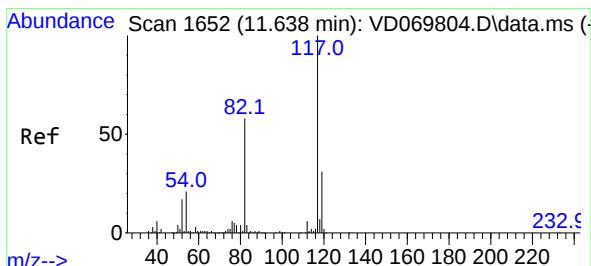
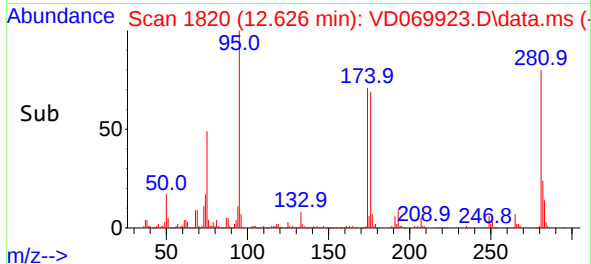
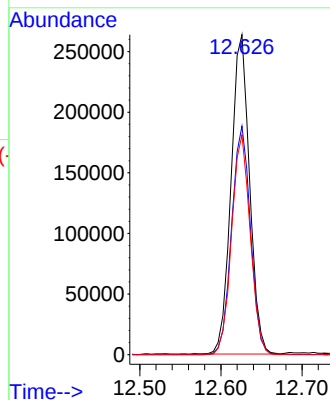
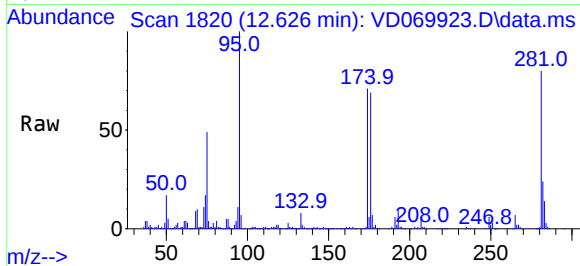




#62
4-Bromofluorobenzene
Concen: 48.948 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

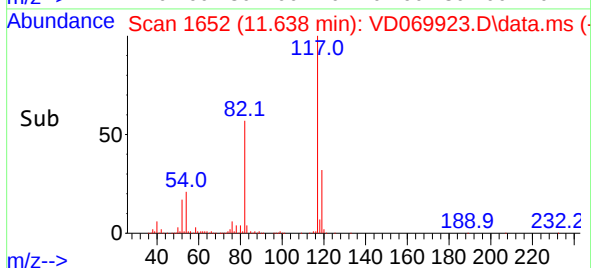
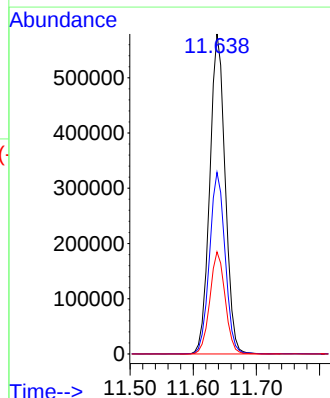
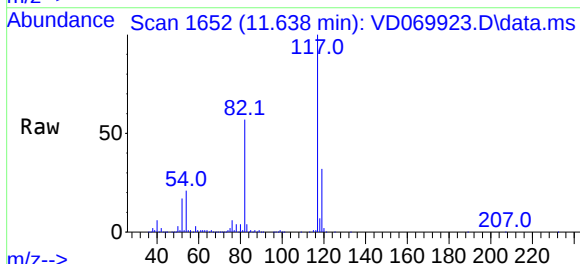
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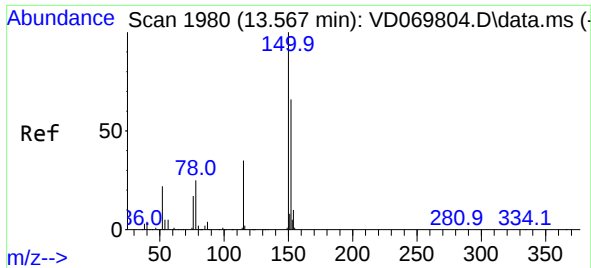
Tgt Ion:	95	Resp:	416206
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	142.6
176	69.1	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069923.D
Acq: 29 Jul 2021 20:47

Tgt Ion:	117	Resp:	982593
Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.3	69.5
119	31.9	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: VD069923.D
 Acq: 29 Jul 2021 20:47

Instrument :
 MSVOA_D
 ClientSampleId :
 20210465-51

Tgt Ion:152 Resp: 327471
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.1 93.3
 150 161.5 0.0 343.0

