

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069922.D
 Acq On : 29 Jul 2021 20:18
 Operator : VA/SY
 Sample : M3228-01
 Misc : 9.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210455-41

Quant Time: Jul 30 00:59:00 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)

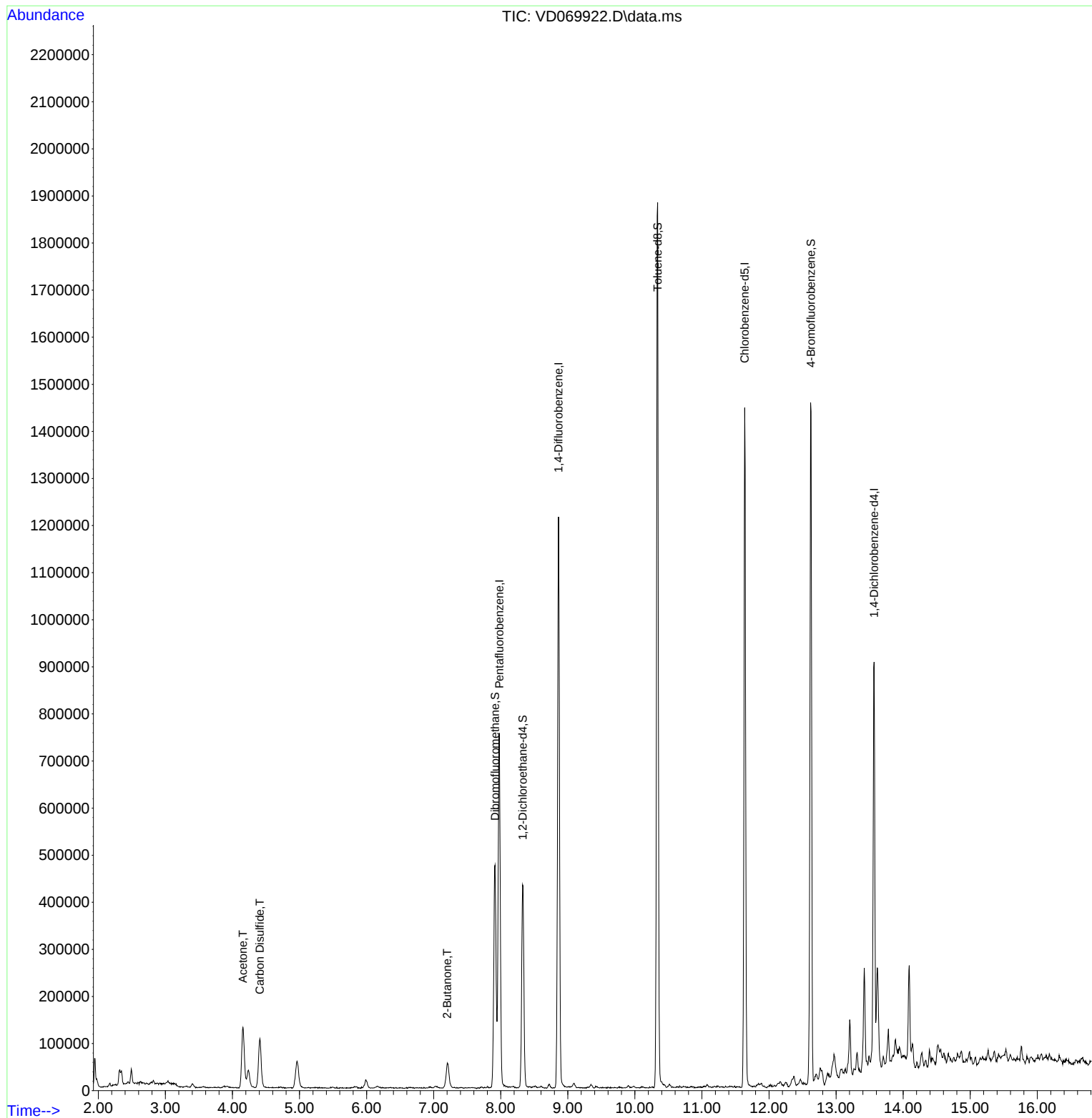
Internal Standards						
1) Pentafluorobenzene	7.979	168	521253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1007482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	845912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	235007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	347761	58.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.020%
35) Dibromofluoromethane	7.914	113	355609	55.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.980%
50) Toluene-d8	10.338	98	1298458	53.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.626	95	330463	40.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.760%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	225396	208.131	ug/l	98
17) Carbon Disulfide	4.409	76	227456	10.667	ug/l	97
25) 2-Butanone	7.203	43	67402	45.895	ug/l	92

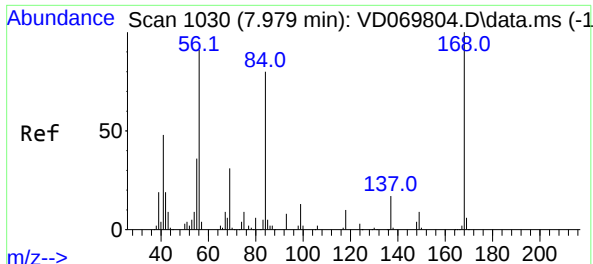
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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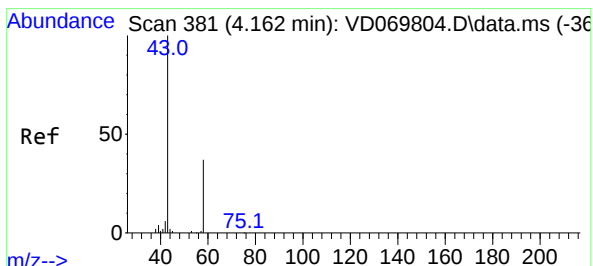
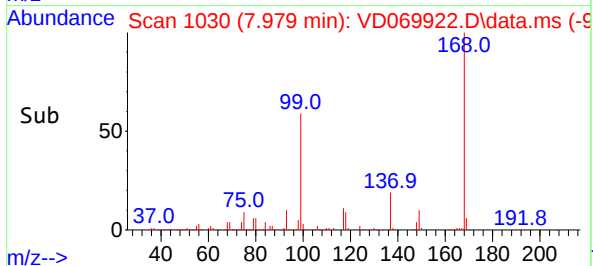
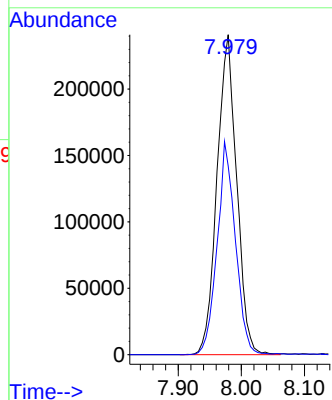
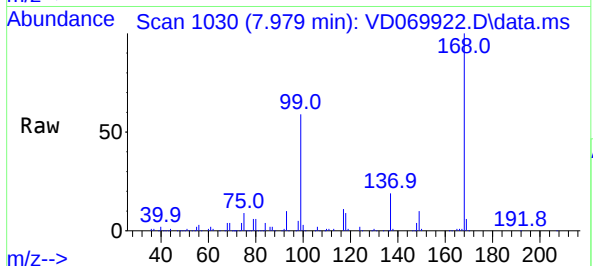




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

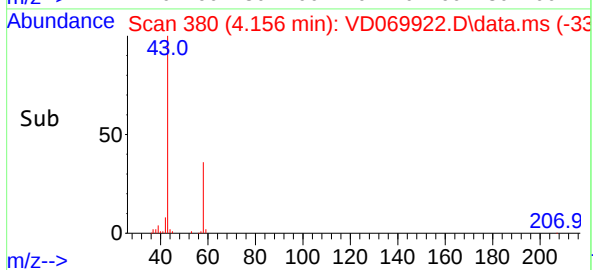
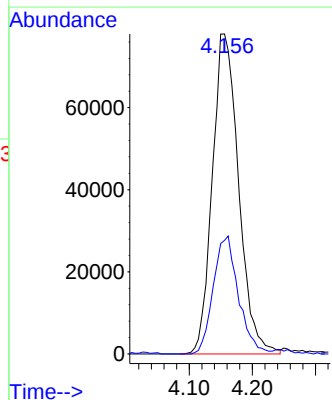
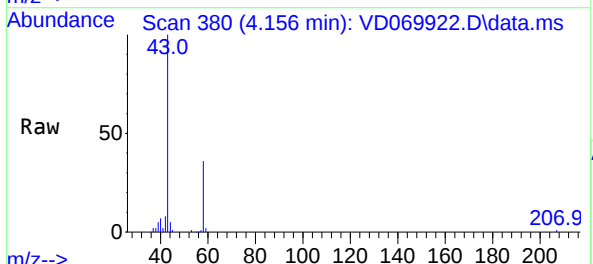
Instrument :
MSVOA_D
ClientSampleId :
20210455-41

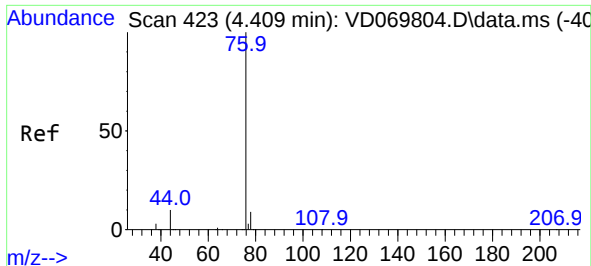
Tgt Ion:168 Resp: 521253
Ion Ratio Lower Upper
168 100
99 58.9 51.1 76.7



#16
Acetone
Concen: 208.131 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

Tgt Ion: 43 Resp: 225396
Ion Ratio Lower Upper
43 100
58 35.5 29.4 44.0

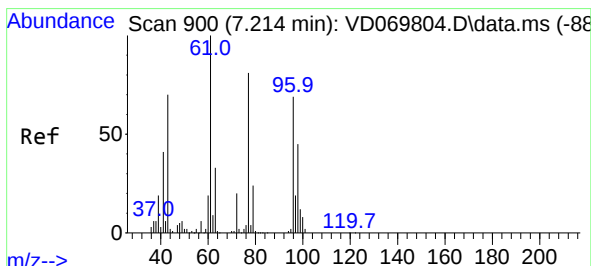
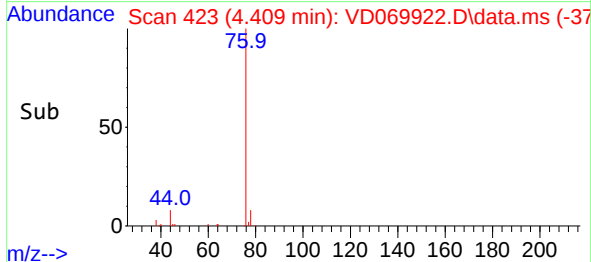
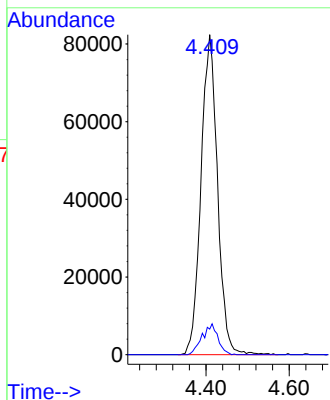
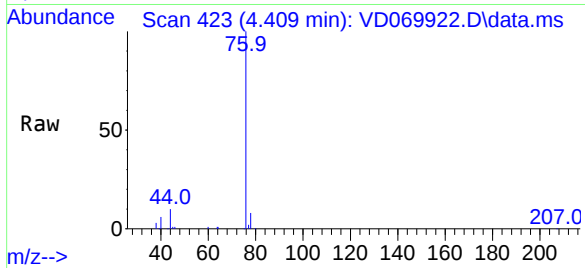




#17
Carbon Disulfide
Concen: 10.667 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

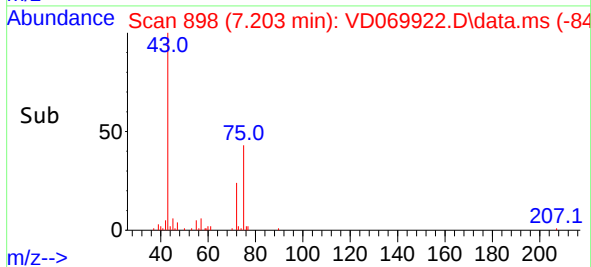
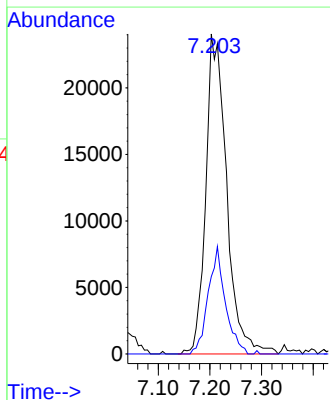
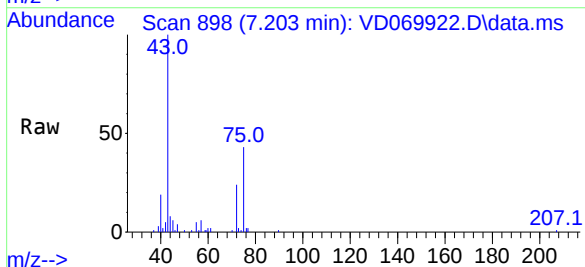
Instrument :
MSVOA_D
ClientSampleId :
20210455-41

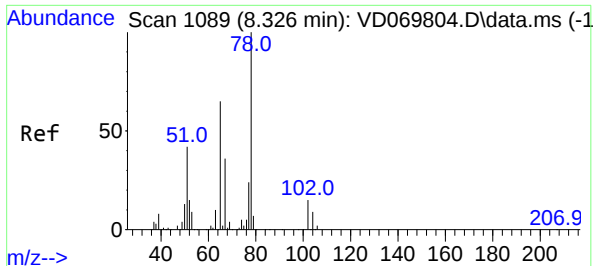
Tgt Ion: 76 Resp: 227456
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#25
2-Butanone
Concen: 45.895 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

Tgt Ion: 43 Resp: 67402
Ion Ratio Lower Upper
43 100
72 24.2 22.8 34.2

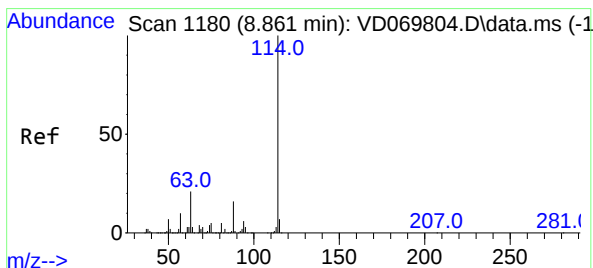
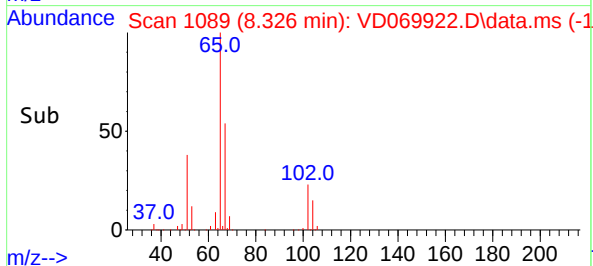
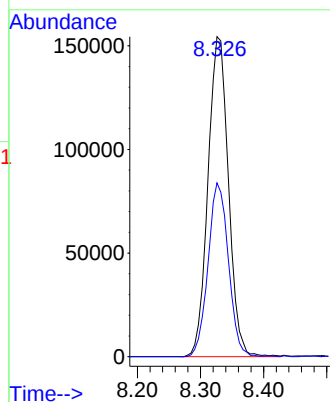
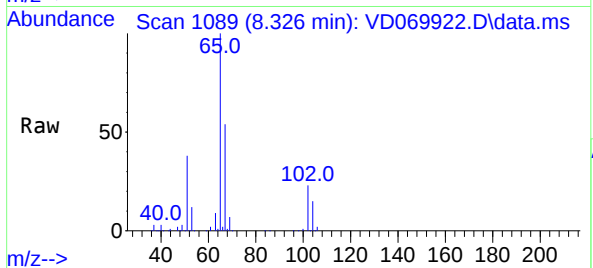




#33
1,2-Dichloroethane-d4
Concen: 58.010 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

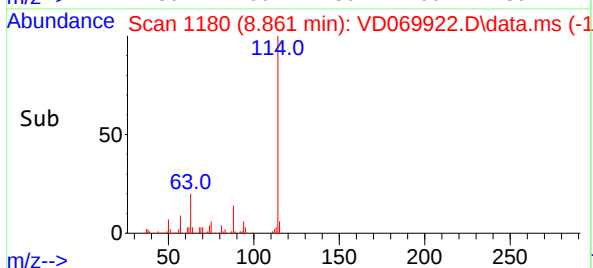
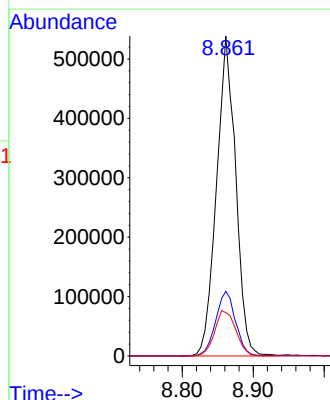
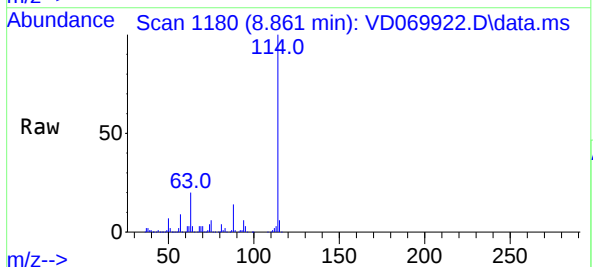
Instrument :
MSVOA_D
ClientSampleId :
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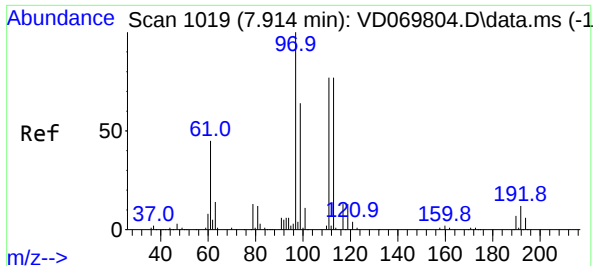
Tgt Ion: 65 Resp: 347761
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

Tgt Ion:114 Resp: 1007482
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 13.6 0.0 31.4

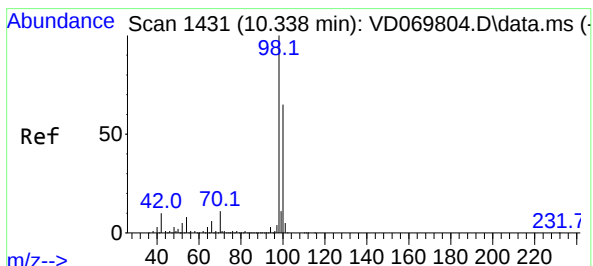
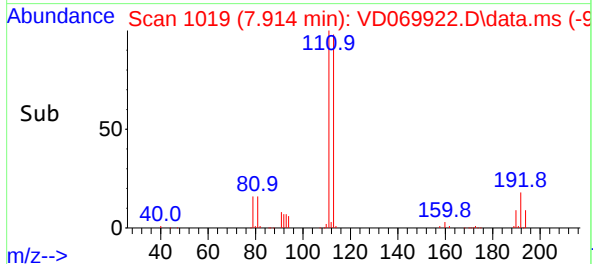
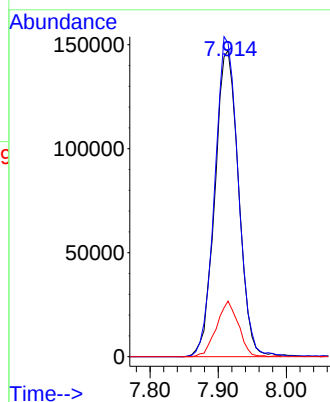
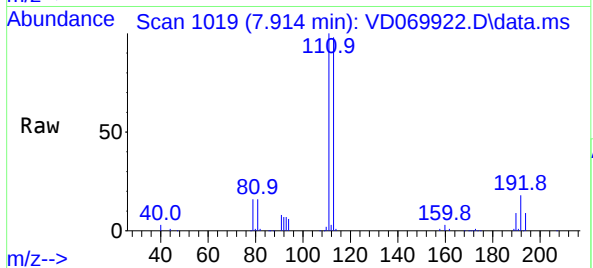




#35
Dibromofluoromethane
Concen: 55.991 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

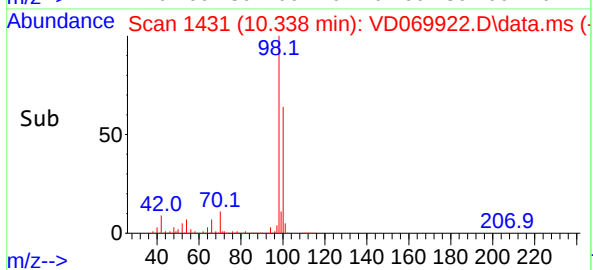
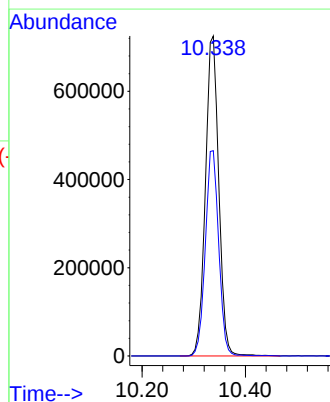
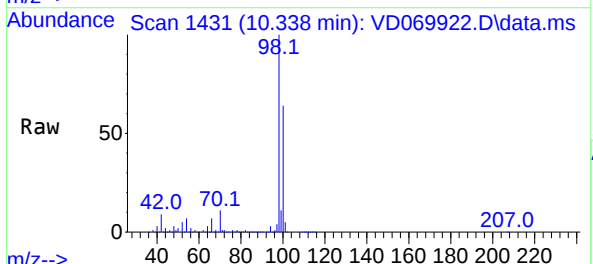
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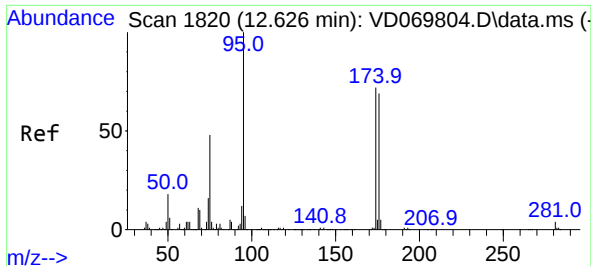
Tgt Ion:113 Resp: 355609
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 16.8 12.6 19.0



#50
Toluene-d8
Concen: 53.021 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

Tgt Ion: 98 Resp: 1298458
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



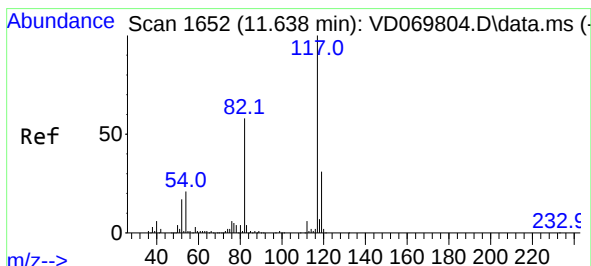
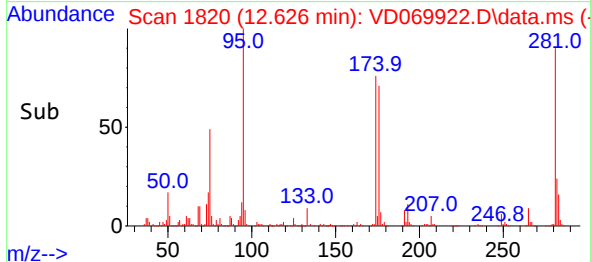
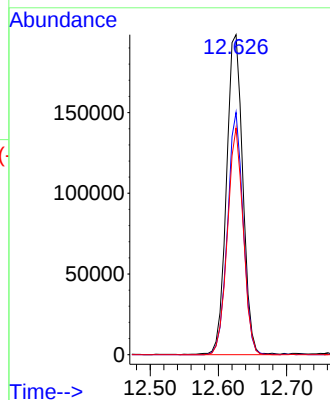
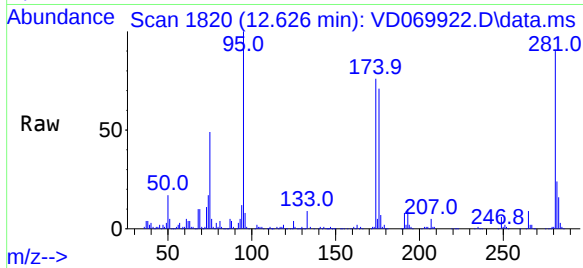


#62
4-Bromofluorobenzene
Concen: 40.377 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 330463

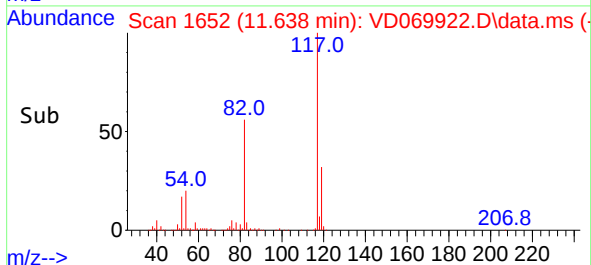
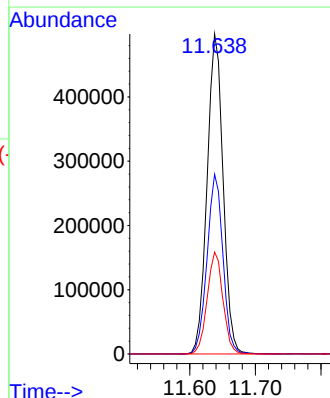
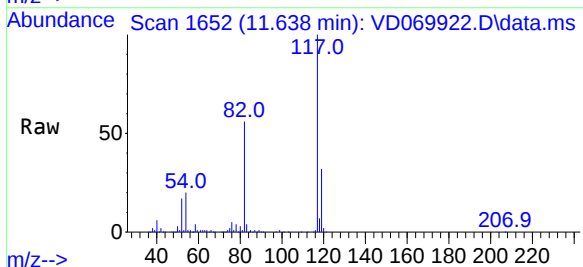
Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	142.6
176	68.1	0.0	134.2

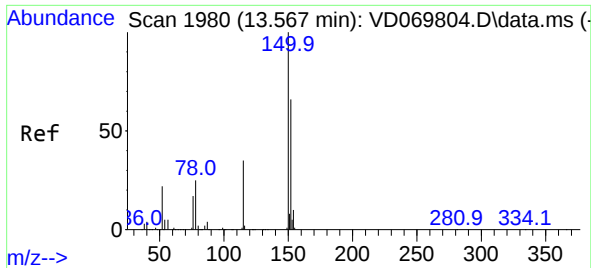


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069922.D
Acq: 29 Jul 2021 20:18

Tgt Ion: 117 Resp: 845912

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.3	69.5
119	31.8	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: VD069922.D
 Acq: 29 Jul 2021 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 20210455-41

Tgt Ion:152 Resp: 235007

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	158.5	0.0	343.0

