

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069896.D
 Acq On : 28 Jul 2021 18:46
 Operator : VA/SY
 Sample : M3216-08
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210584-COM-7

Quant Time: Jul 29 04:02:20 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)

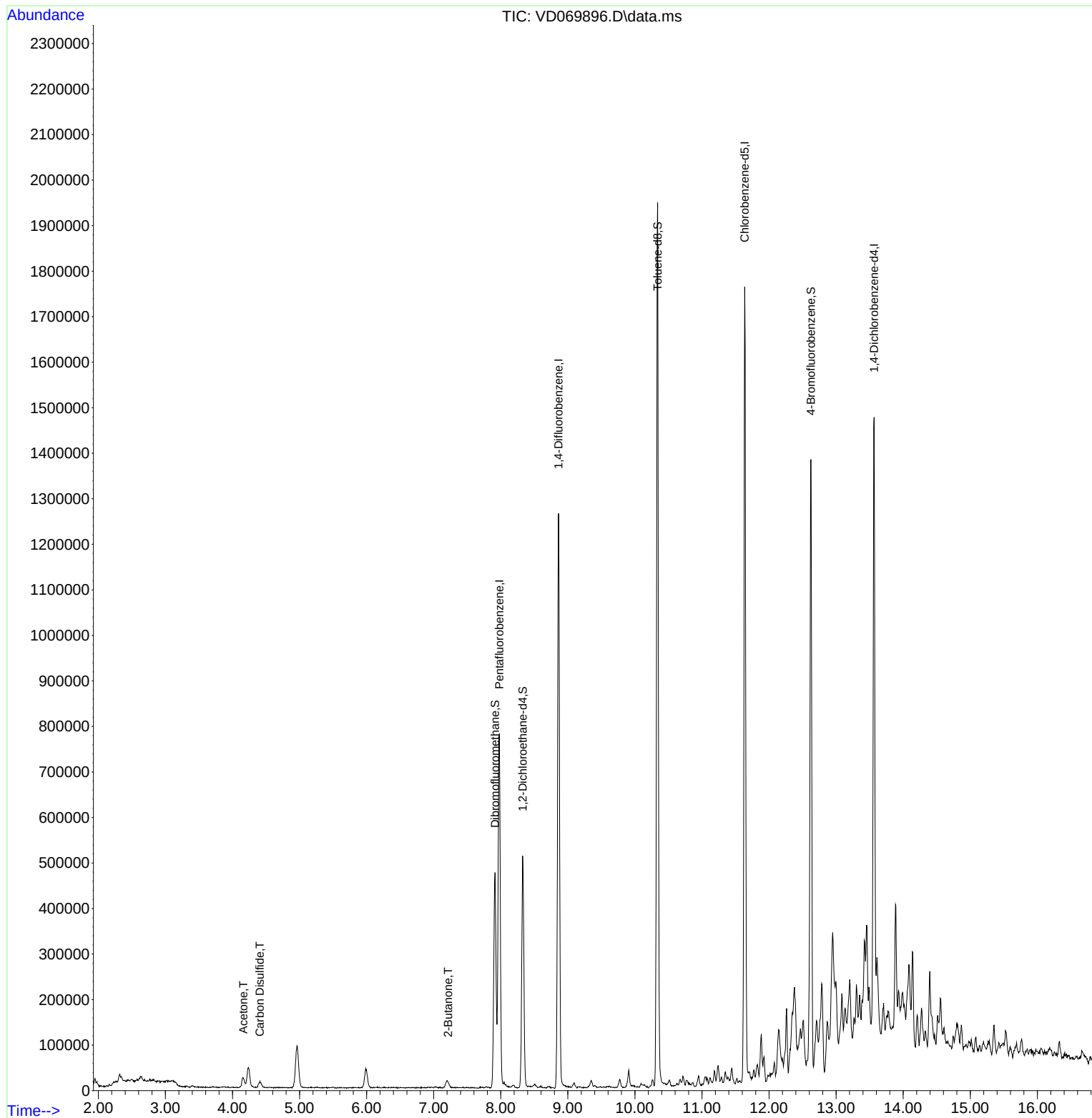
Internal Standards						
1) Pentafluorobenzene	7.979	168	553445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1081315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1021827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	370200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	400828	62.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.940%			
35) Dibromofluoromethane	7.914	113	350801	51.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.920%			
50) Toluene-d8	10.338	98	1336907	50.863	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.626	95	457997	52.138	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.280%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	41701	36.267	ug/l	94
17) Carbon Disulfide	4.409	76	26781	1.183	ug/l #	93
25) 2-Butanone	7.214	43	14032	8.999	ug/l #	85

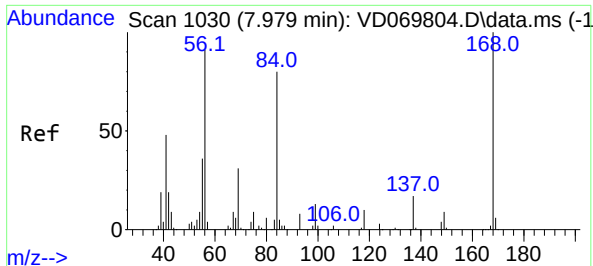
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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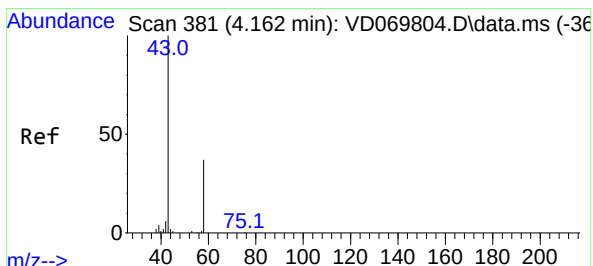
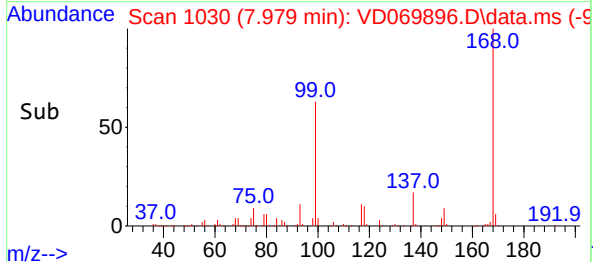
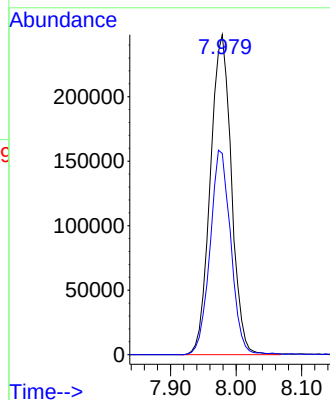
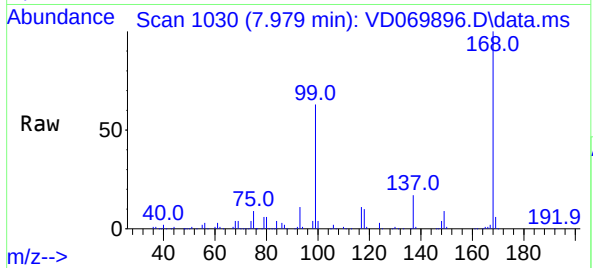




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

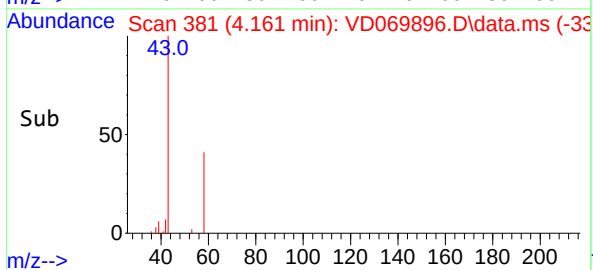
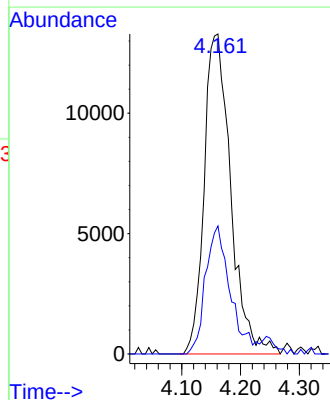
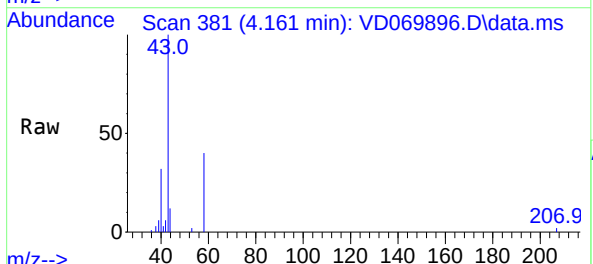
Instrument :
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20210584-COM-7

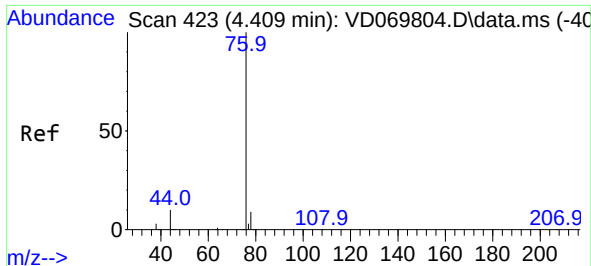
Tgt Ion:168 Resp: 553445
Ion Ratio Lower Upper
168 100
99 62.9 51.1 76.7



#16
Acetone
Concen: 36.267 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

Tgt Ion: 43 Resp: 41701
Ion Ratio Lower Upper
43 100
58 40.0 29.4 44.0

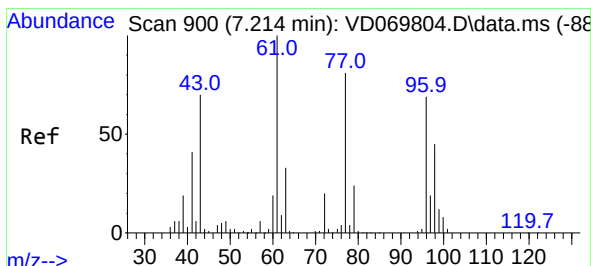
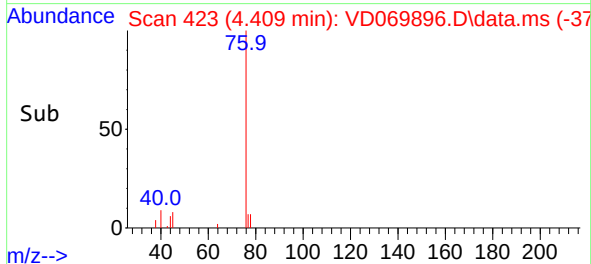
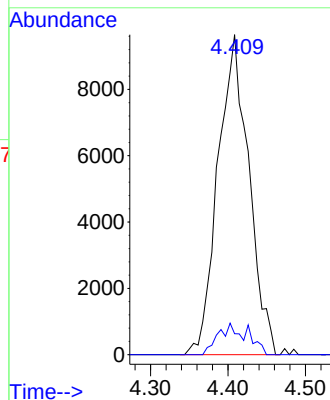
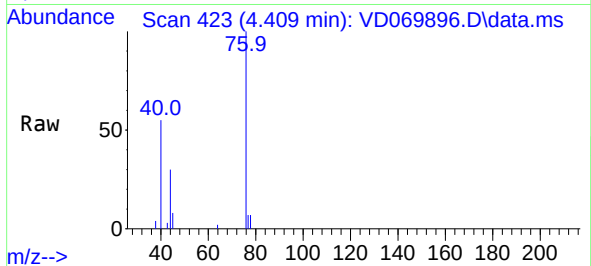




#17
Carbon Disulfide
Concen: 1.183 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

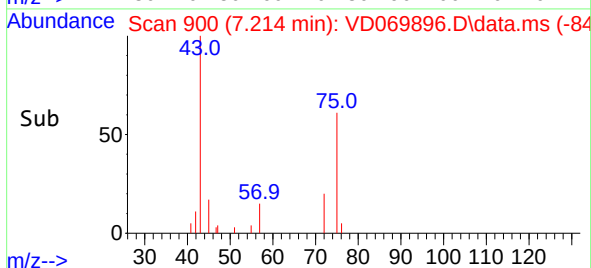
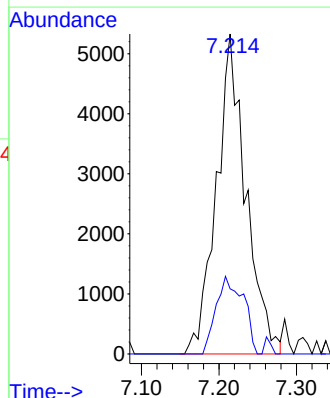
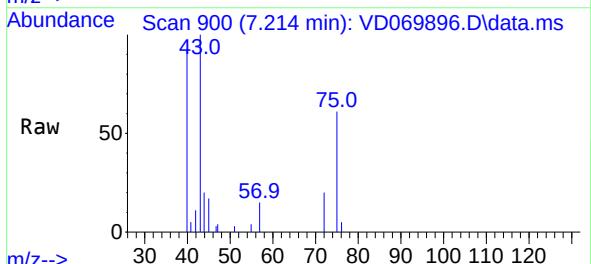
Instrument :
MSVOA_D
ClientSampleId :
20210584-COM-7

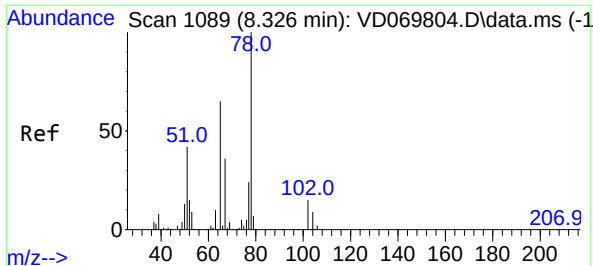
Tgt Ion: 76 Resp: 26781
Ion Ratio Lower Upper
76 100
78 6.6 7.3 10.9#



#25
2-Butanone
Concen: 8.999 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

Tgt Ion: 43 Resp: 14032
Ion Ratio Lower Upper
43 100
72 20.4 22.8 34.2#

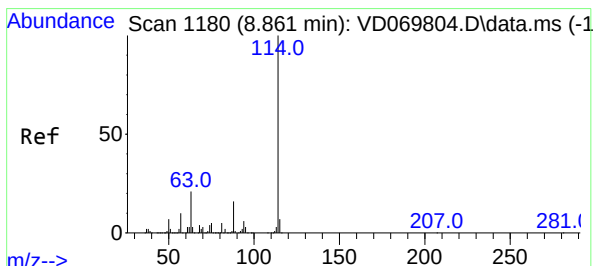
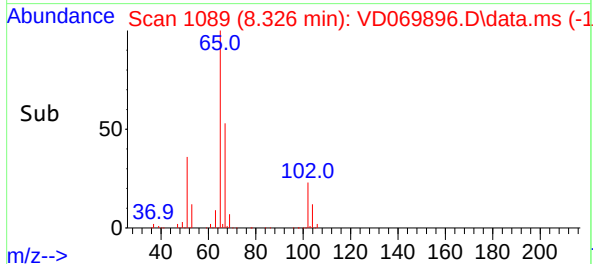
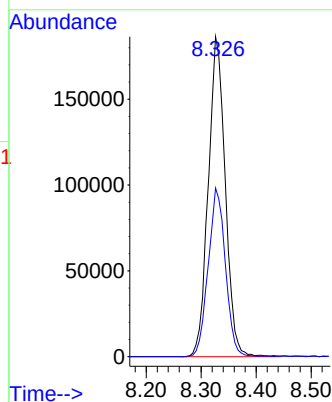
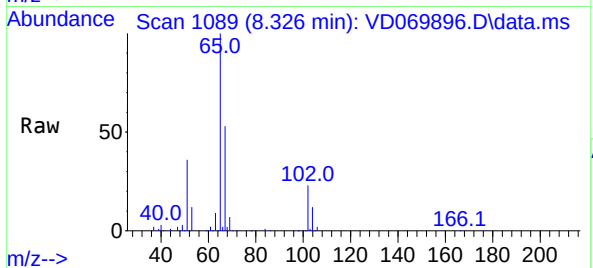




#33
1,2-Dichloroethane-d4
Concen: 62.973 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

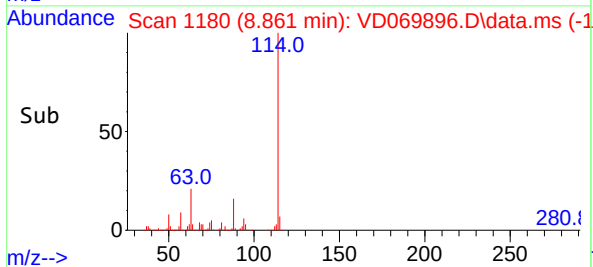
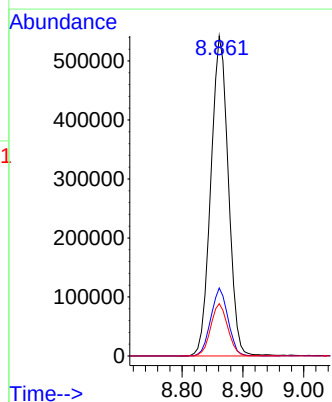
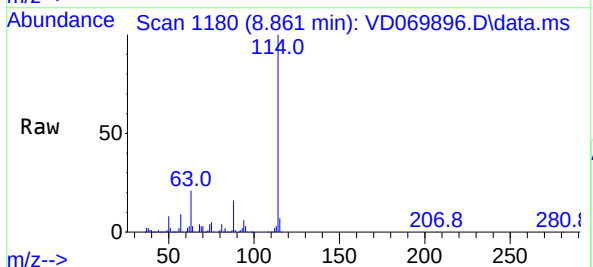
Instrument :
MSVOA_D
ClientSampleId :
20210584-COM-7

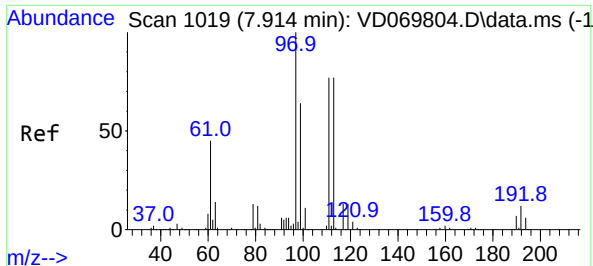
Tgt Ion: 65 Resp: 400828
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

Tgt Ion: 114 Resp: 1081315
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.3 0.0 31.4

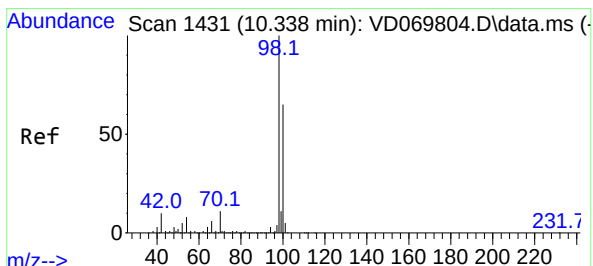
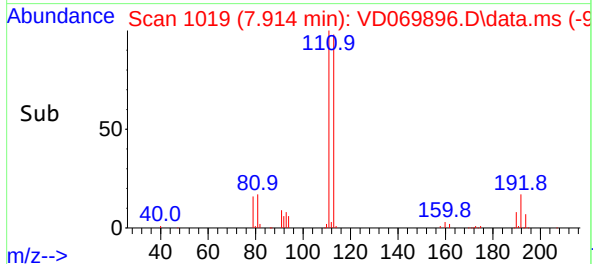
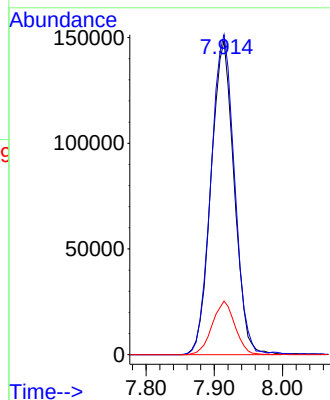
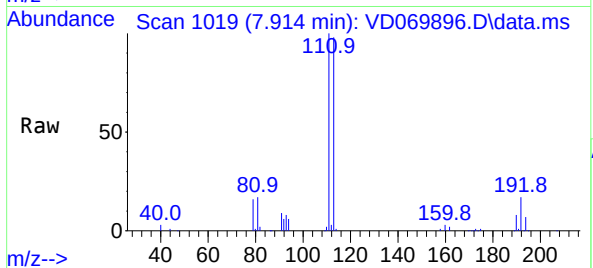




#35
Dibromofluoromethane
Concen: 51.463 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

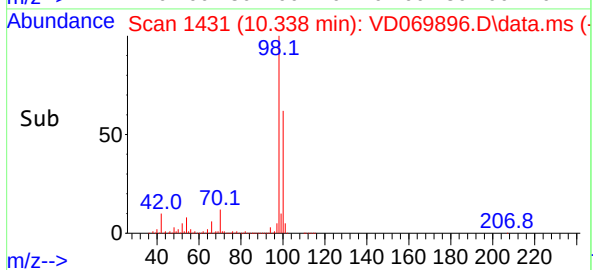
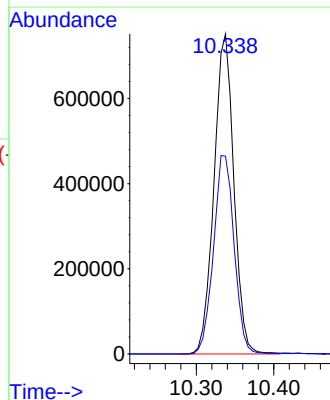
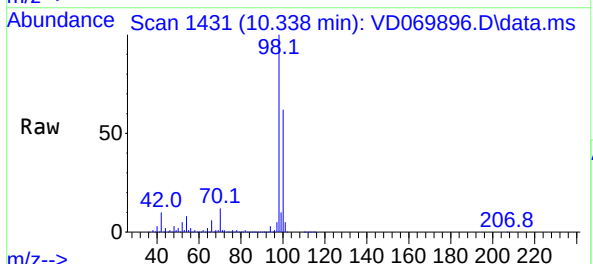
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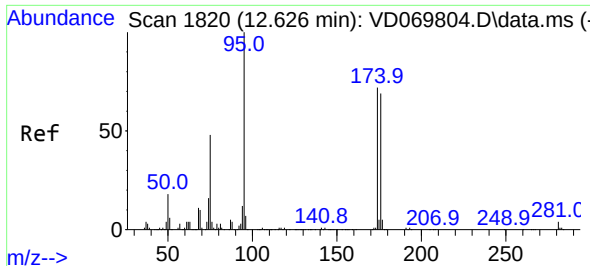
Tgt Ion:113 Resp: 350801
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 16.8 12.6 19.0



#50
Toluene-d8
Concen: 50.863 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

Tgt Ion: 98 Resp: 1336907
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

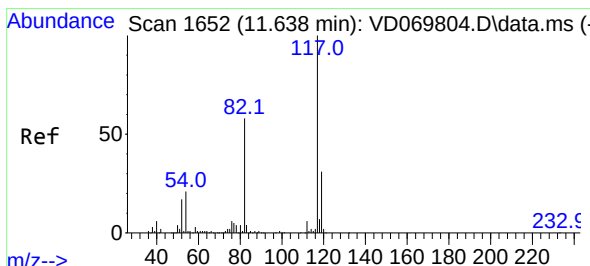
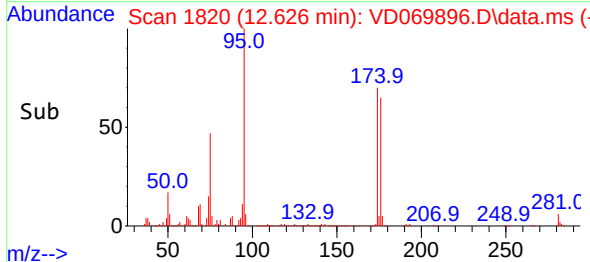
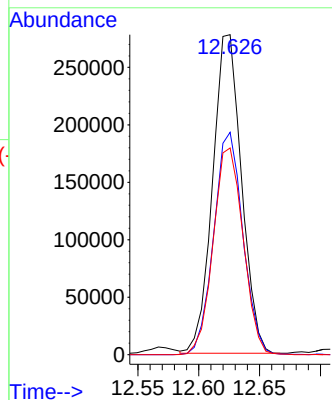
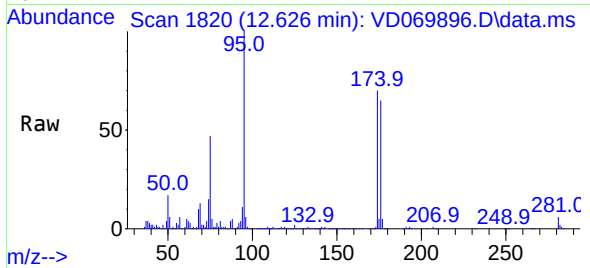




#62
4-Bromofluorobenzene
Concen: 52.138 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

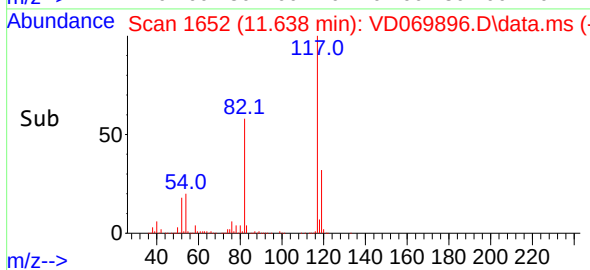
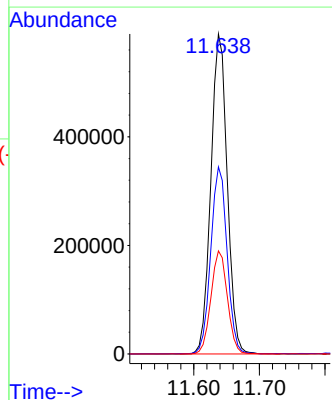
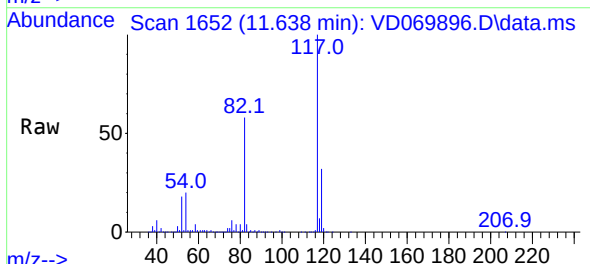
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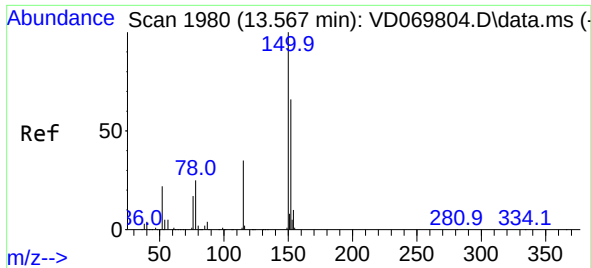
Tgt Ion: 95 Resp: 457997
Ion Ratio Lower Upper
95 100
174 70.5 0.0 142.6
176 67.1 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069896.D
Acq: 28 Jul 2021 18:46

Tgt Ion: 117 Resp: 1021827
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 32.2 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: VD069896.D
 Acq: 28 Jul 2021 18:46

Instrument :
 MSVOA_D
 ClientSampleId :
 20210584-COM-7

Tgt Ion:152 Resp: 370200

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	156.7	0.0	343.0

