

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069894.D
 Acq On : 28 Jul 2021 17:48
 Operator : VA/SY
 Sample : M3206-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210581-COM-4

Quant Time: Jul 29 04:01:35 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)

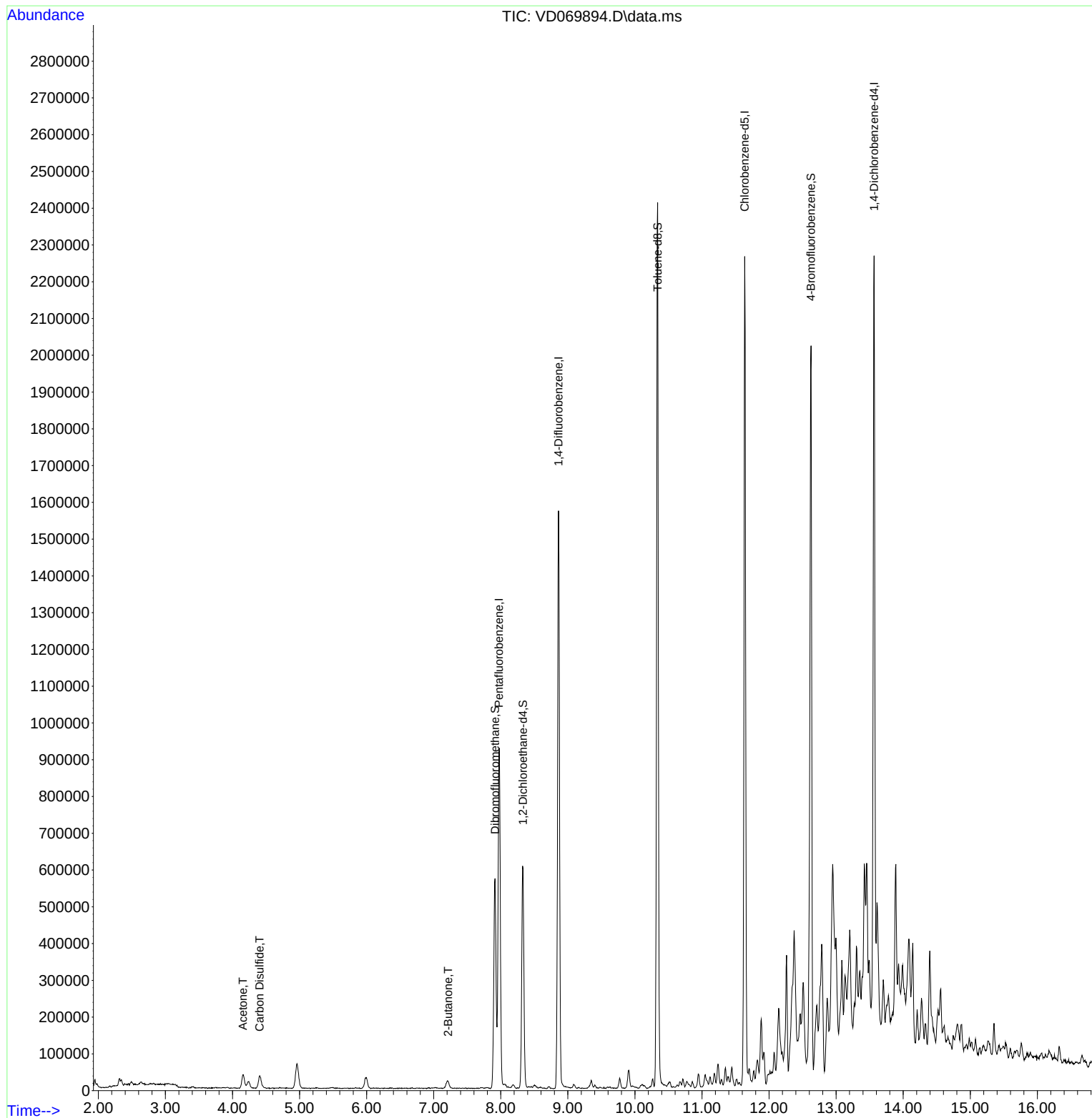
Internal Standards						
1) Pentafluorobenzene	7.973	168	655870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1334314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1299210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	566434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	476937	63.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.460%	
35) Dibromofluoromethane	7.914	113	422630	50.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.338	98	1647033	50.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.626	95	639383	58.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.980%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	66214	48.593	ug/l	90
17) Carbon Disulfide	4.403	76	71049	2.648	ug/l	97
25) 2-Butanone	7.214	43	19926	10.783	ug/l	99

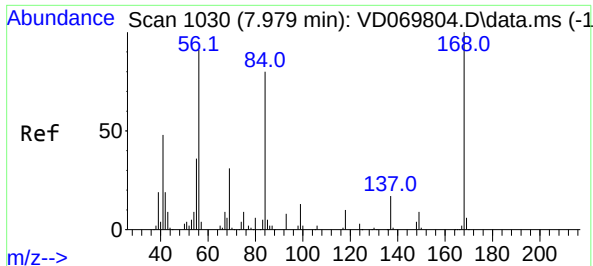
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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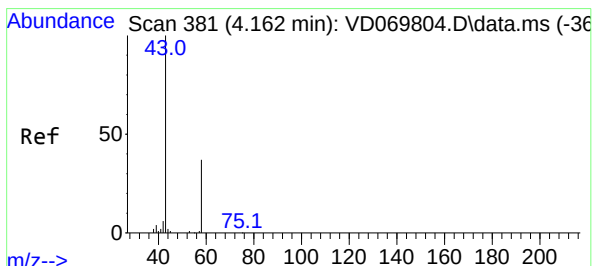
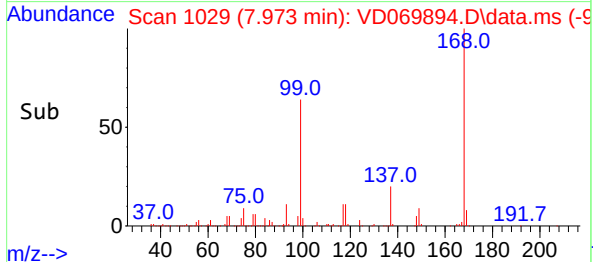
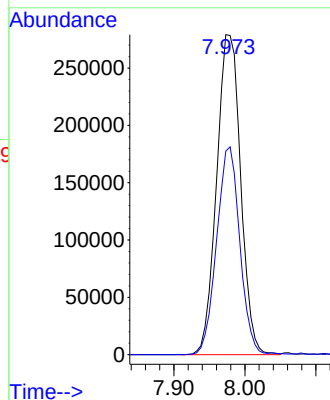
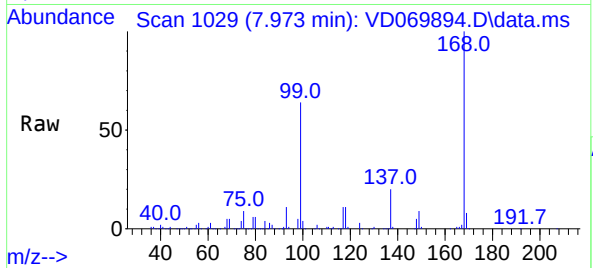




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

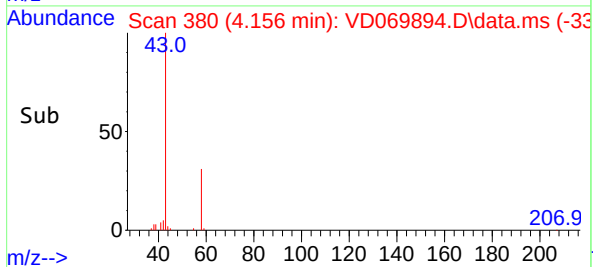
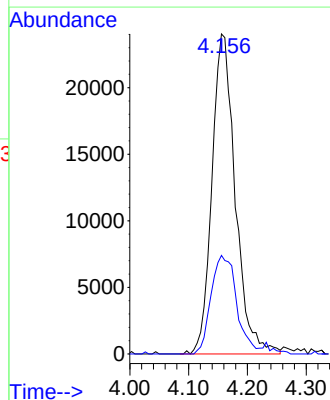
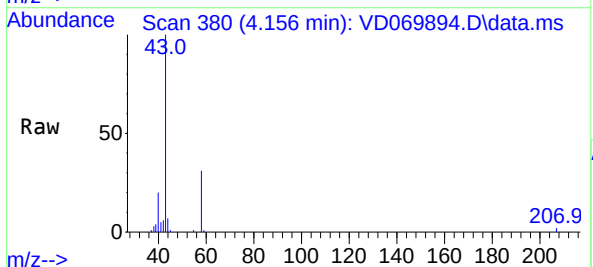
Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

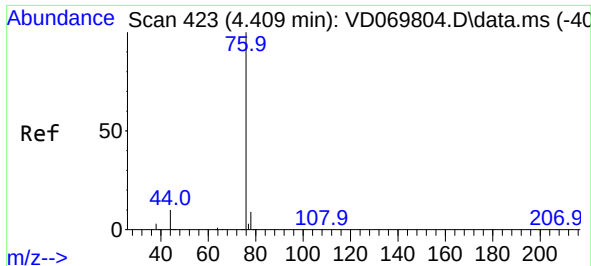
Tgt Ion:168 Resp: 655870
Ion Ratio Lower Upper
168 100
99 63.6 51.1 76.7



#16
Acetone
Concen: 48.593 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

Tgt Ion: 43 Resp: 66214
Ion Ratio Lower Upper
43 100
58 30.8 29.4 44.0

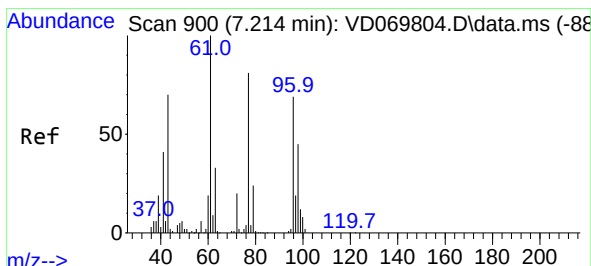
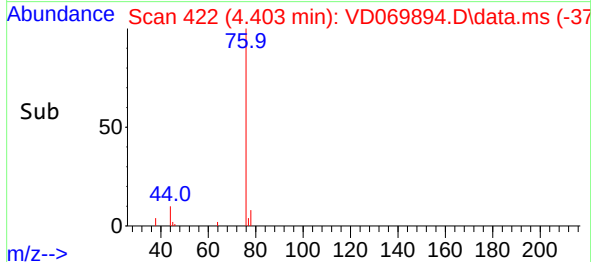
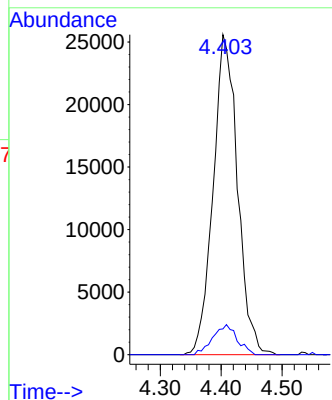
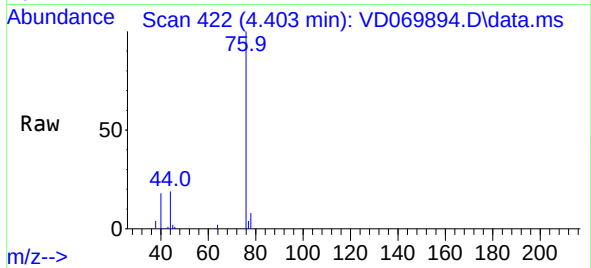




#17
Carbon Disulfide
Concen: 2.648 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

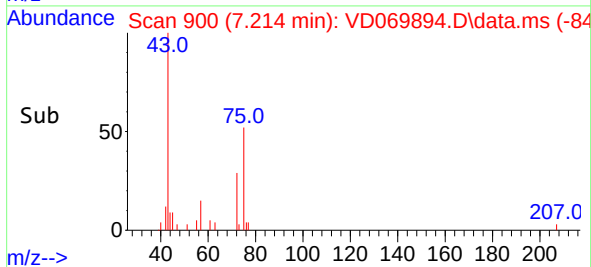
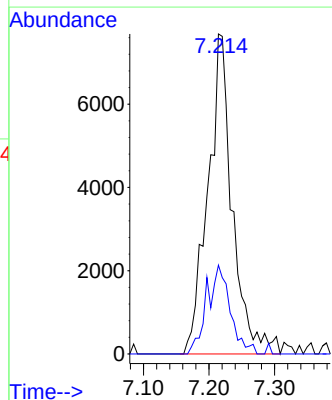
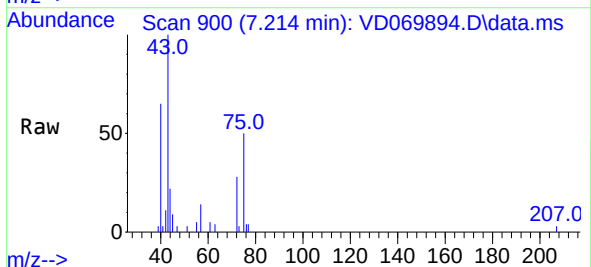
Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

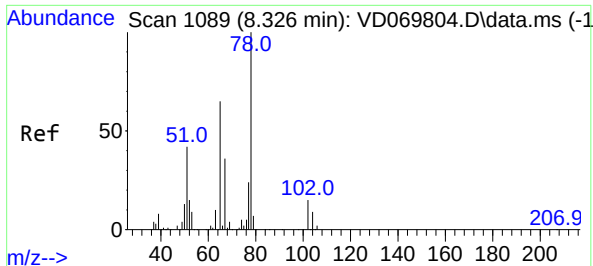
Tgt Ion: 76 Resp: 71049
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#25
2-Butanone
Concen: 10.783 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

Tgt Ion: 43 Resp: 19926
Ion Ratio Lower Upper
43 100
72 27.7 22.8 34.2

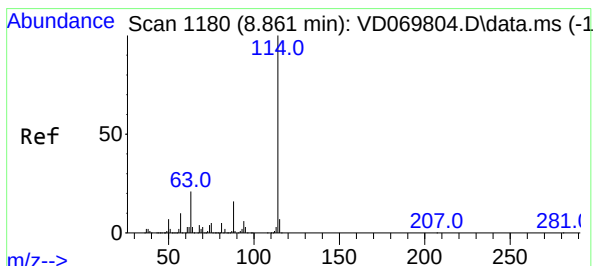
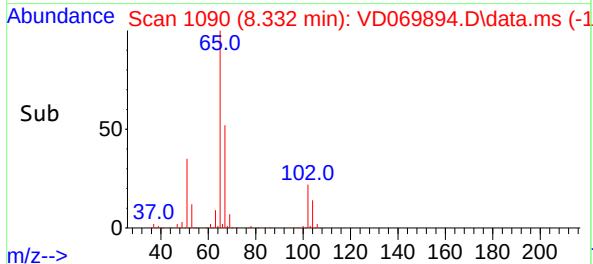
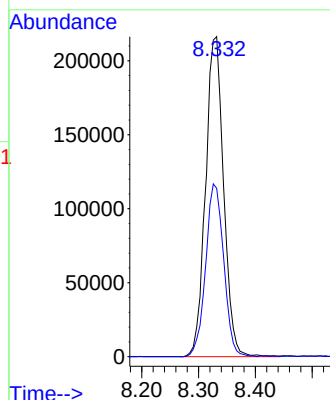
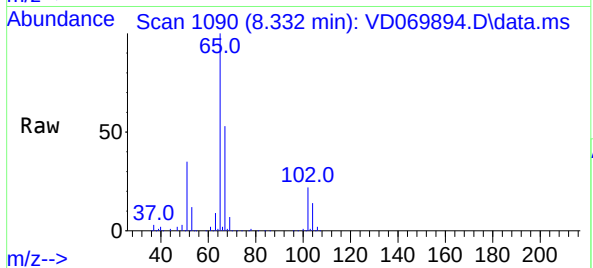




#33
1,2-Dichloroethane-d4
Concen: 63.228 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

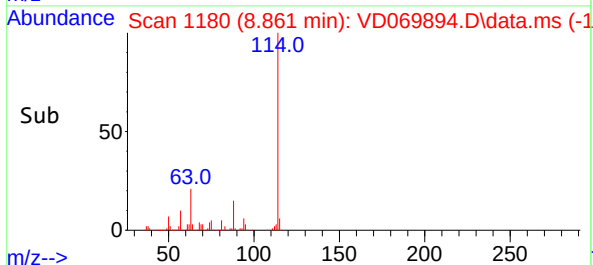
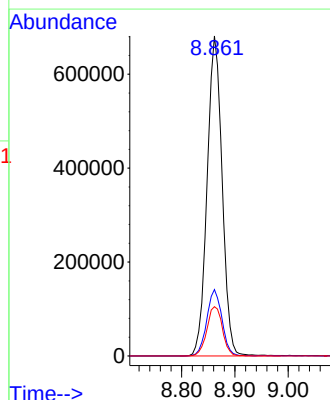
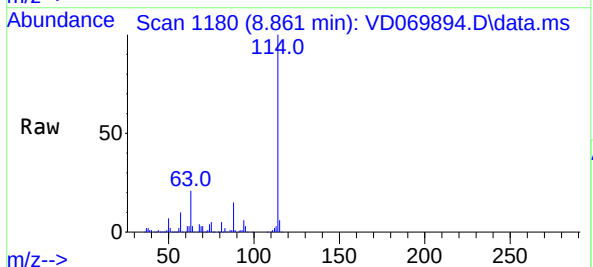
Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

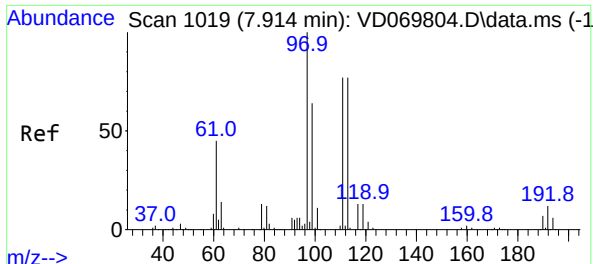
Tgt Ion: 65 Resp: 476937
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

Tgt Ion:114 Resp: 1334314
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.4 0.0 31.4

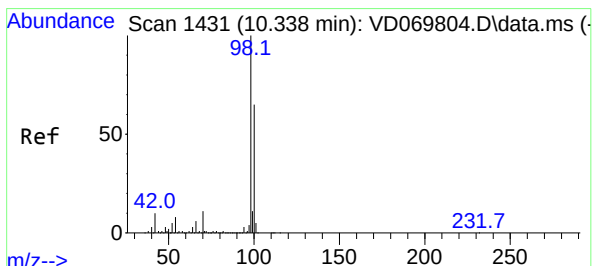
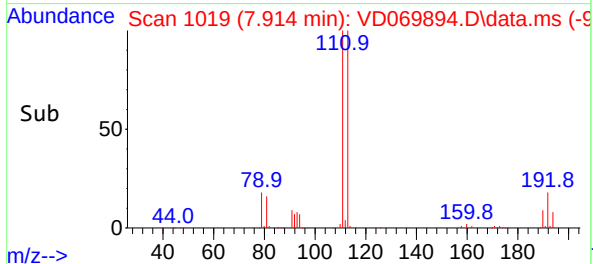
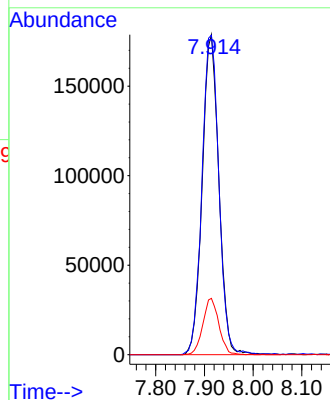
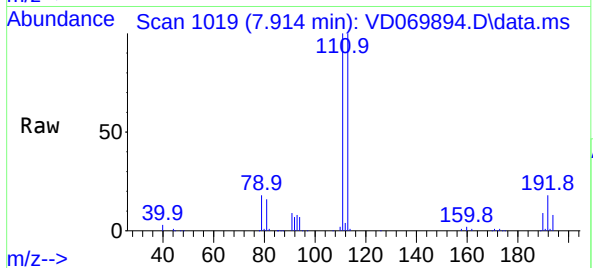




#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

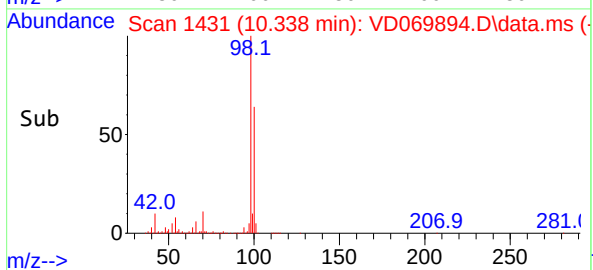
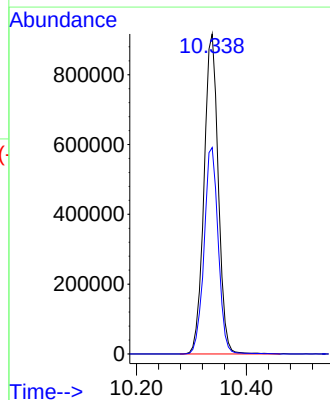
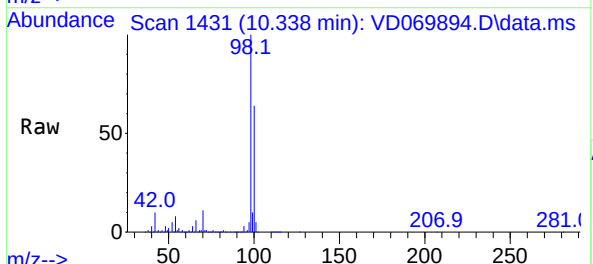
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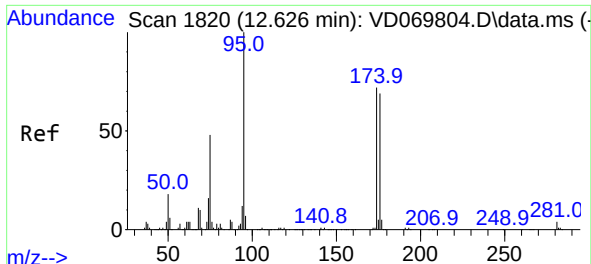
Tgt Ion:113 Resp: 422630
Ion Ratio Lower Upper
113 100
111 101.7 80.5 120.7
192 16.9 12.6 19.0



#50
Toluene-d8
Concen: 50.781 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

Tgt Ion: 98 Resp: 1647033
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

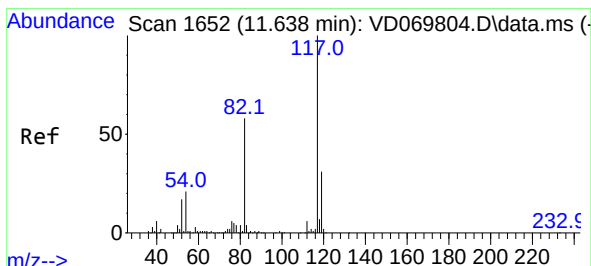
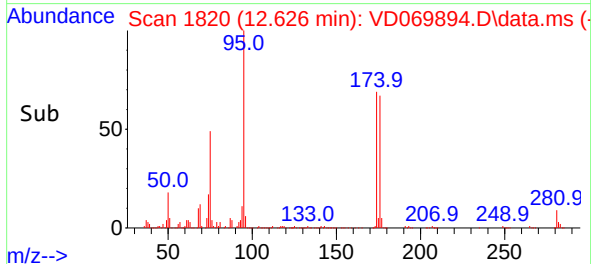
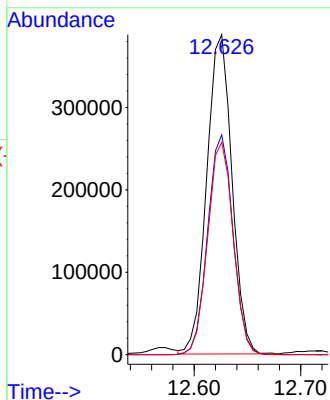
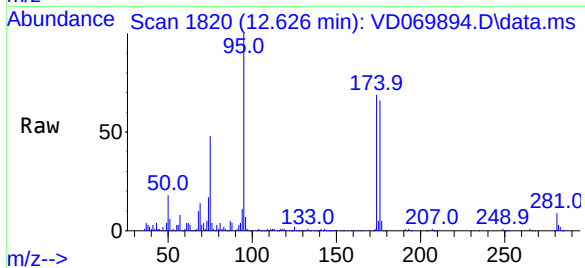




#62
4-Bromofluorobenzene
Concen: 58.986 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

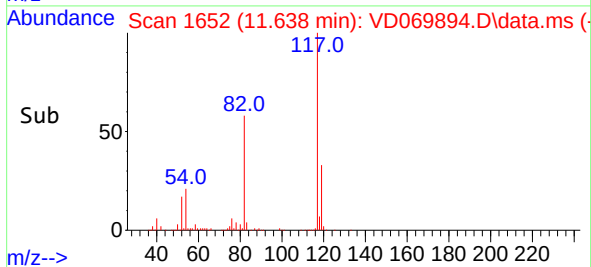
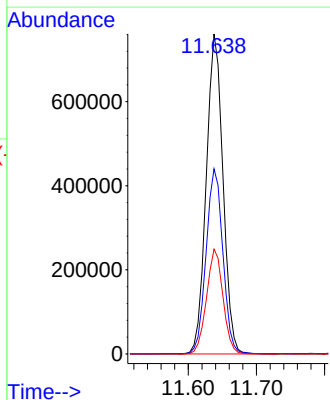
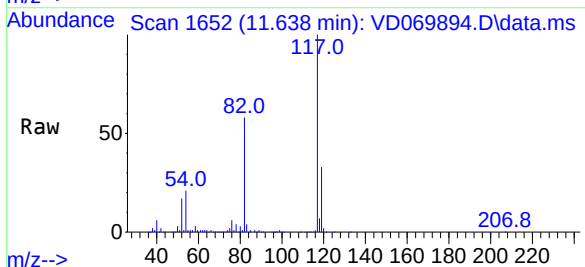
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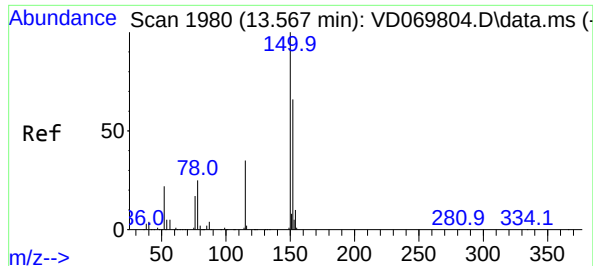
Tgt Ion: 95 Resp: 639383
Ion Ratio Lower Upper
95 100
174 68.9 0.0 142.6
176 67.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069894.D
Acq: 28 Jul 2021 17:48

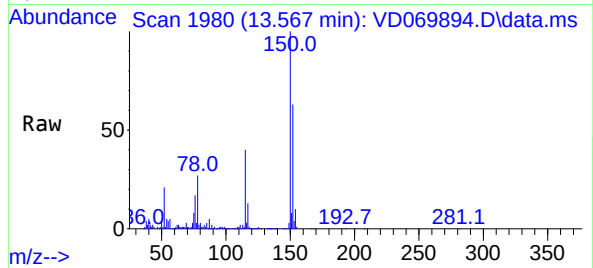
Tgt Ion: 117 Resp: 1299210
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 32.8 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069894.D
 Acq: 28 Jul 2021 17:48

Instrument :
 MSVOA_D
 ClientSampleId :
 20210581-COM-4



Tgt Ion:152 Resp: 566434

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.1	93.3
150	157.7	0.0	343.0

