

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069854.D
 Acq On : 26 Jul 2021 18:16
 Operator : VA/SY
 Sample : M3114-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210585-COM-8

Quant Time: Jul 27 05:12:52 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)

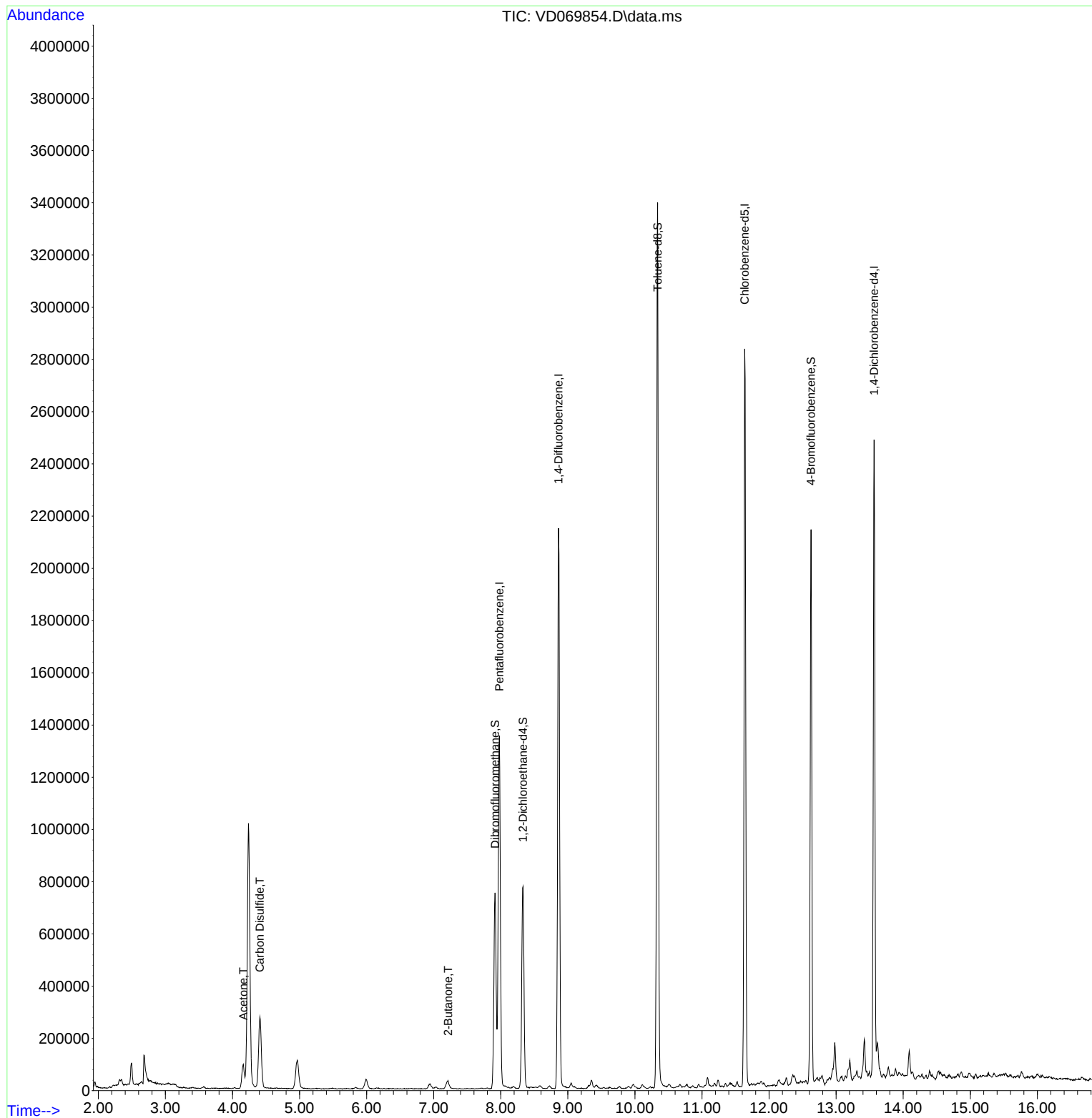
Internal Standards						
1) Pentafluorobenzene	7.979	168	946627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1852908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1680402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	654306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	634317	58.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.520%
35) Dibromofluoromethane	7.914	113	559706	47.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.337	98	2323241	51.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.625	95	742008	49.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%
Target Compounds						Qvalue
16) Acetone	4.161	43	159841	81.273	ug/l	91
17) Carbon Disulfide	4.408	76	602494	15.558	ug/l	100
25) 2-Butanone	7.214	43	33667	12.623	ug/l	93

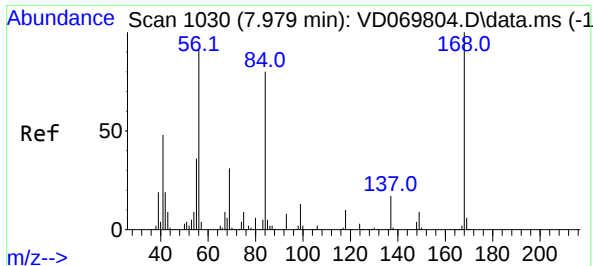
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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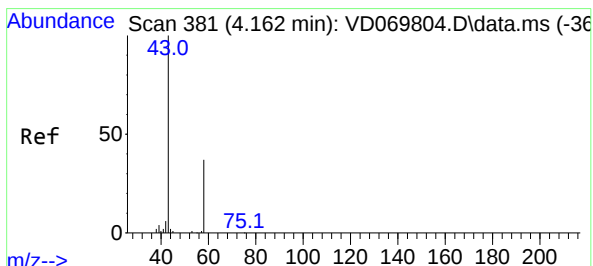
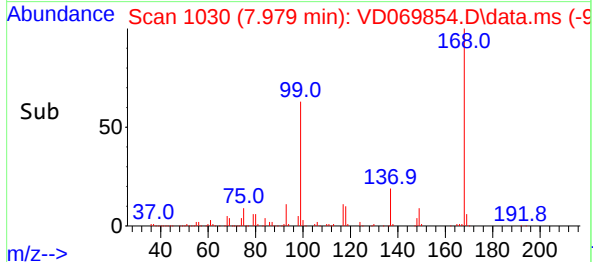
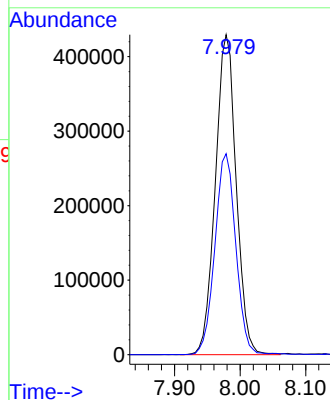
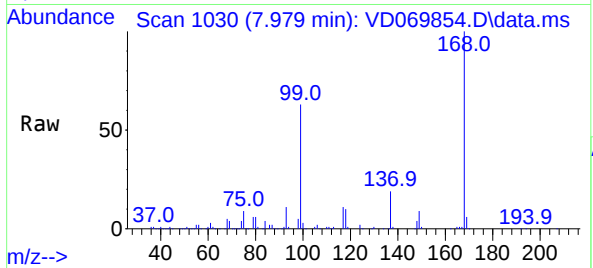




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

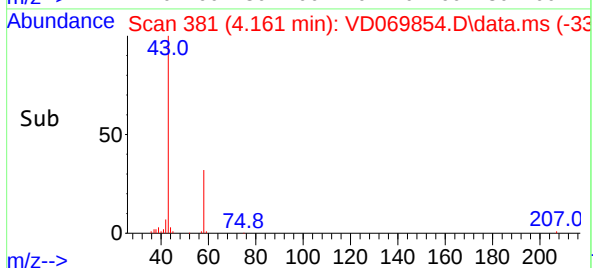
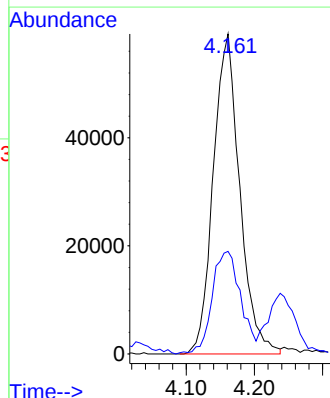
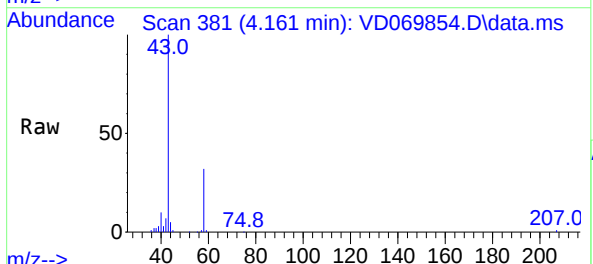
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20210585-COM-8

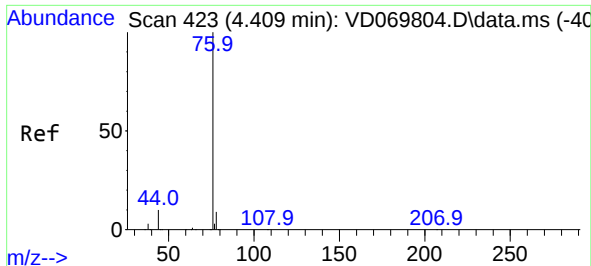
Tgt Ion:168 Resp: 946627
Ion Ratio Lower Upper
168 100
99 62.8 51.1 76.7



#16
Acetone
Concen: 81.273 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

Tgt Ion: 43 Resp: 159841
Ion Ratio Lower Upper
43 100
58 31.6 29.4 44.0

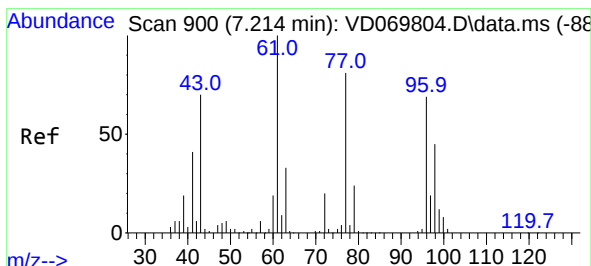
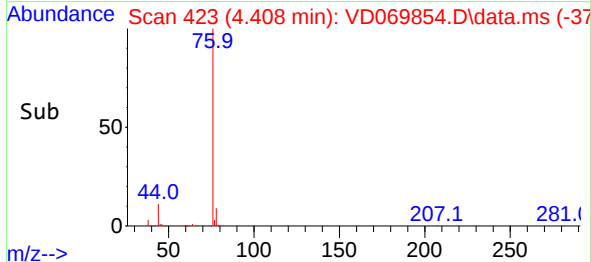
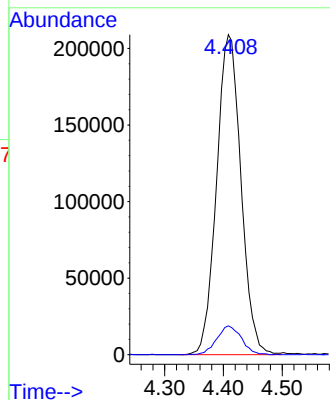
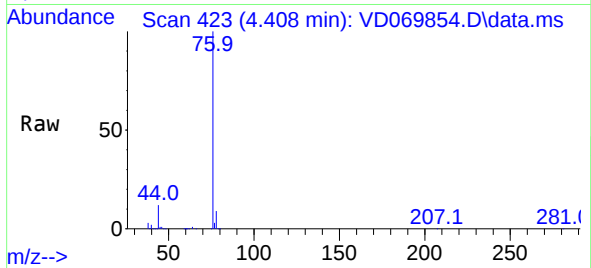




#17
Carbon Disulfide
Concen: 15.558 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

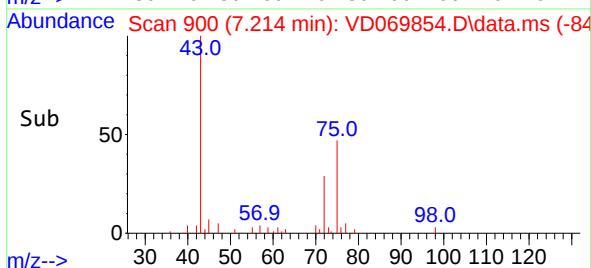
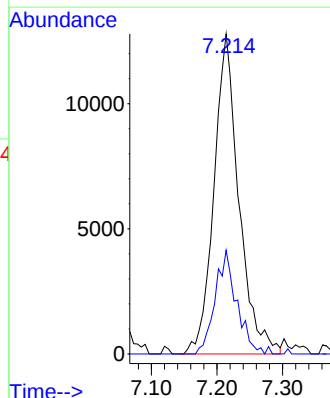
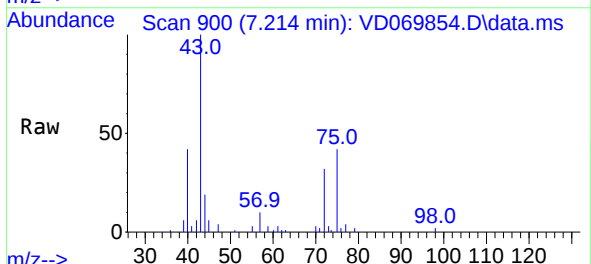
Instrument :
MSVOA_D
ClientSampleId :
20210585-COM-8

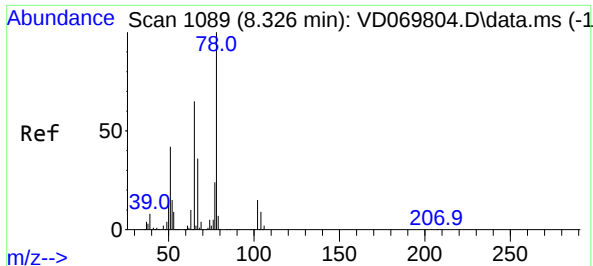
Tgt Ion: 76 Resp: 602494
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#25
2-Butanone
Concen: 12.623 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

Tgt Ion: 43 Resp: 33667
Ion Ratio Lower Upper
43 100
72 32.4 22.8 34.2

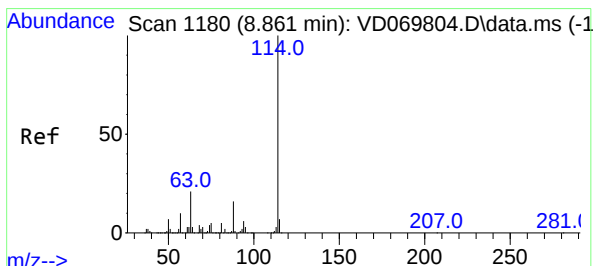
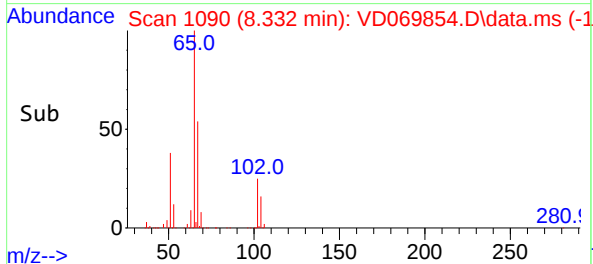
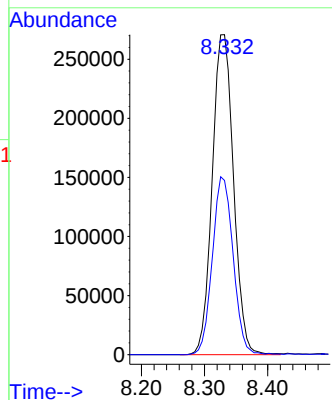
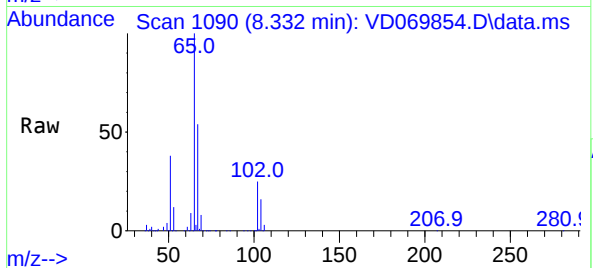




#33
1,2-Dichloroethane-d4
Concen: 58.263 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

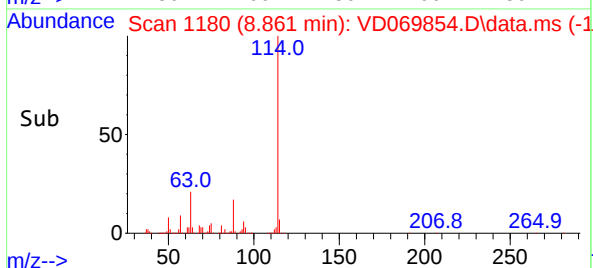
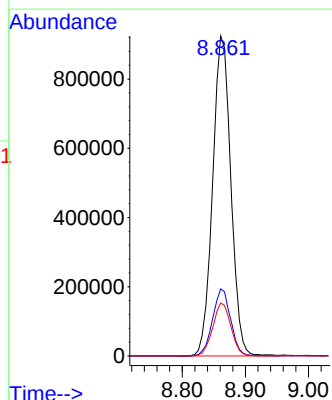
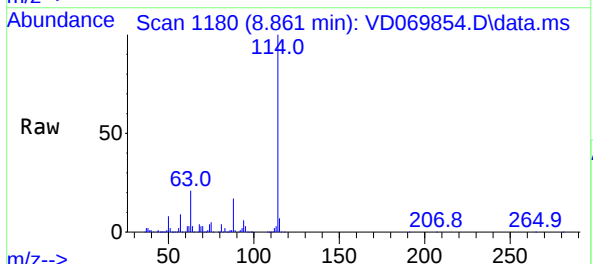
Instrument :
MSVOA_D
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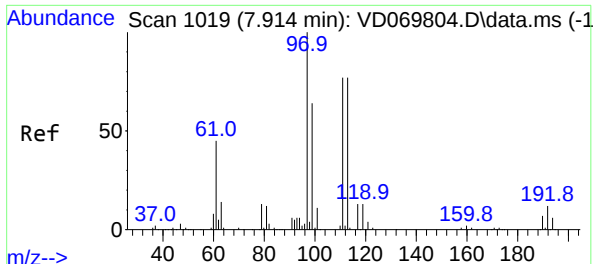
Tgt Ion: 65 Resp: 634317
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

Tgt Ion:114 Resp: 1852908
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 16.6 0.0 31.4

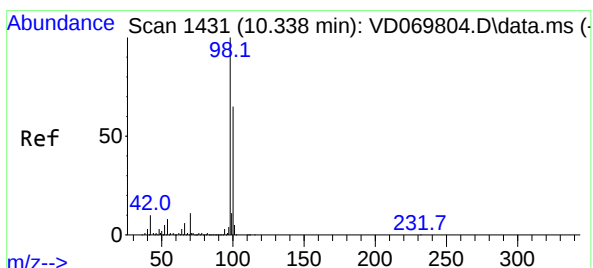
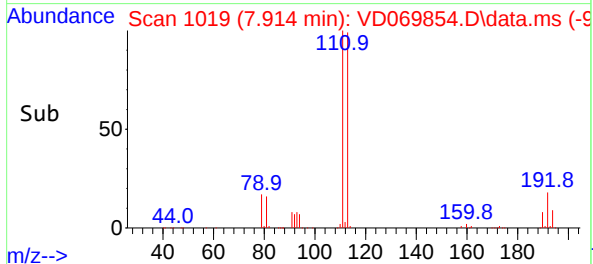
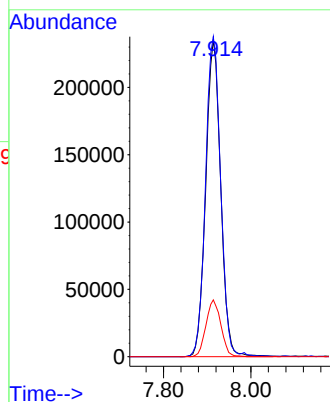
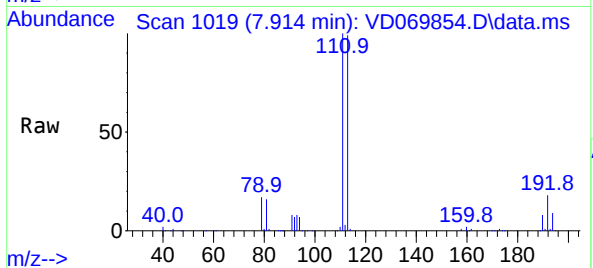




#35
Dibromofluoromethane
Concen: 47.917 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

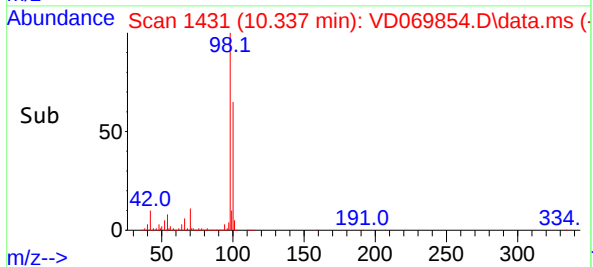
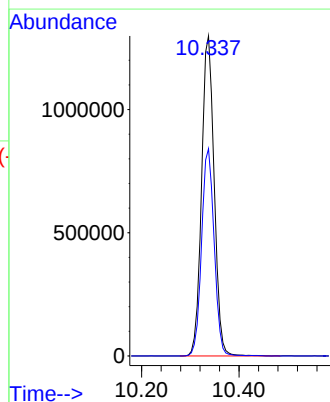
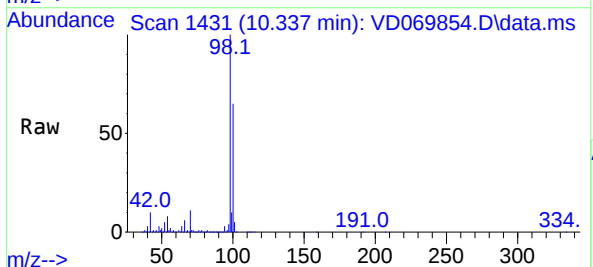
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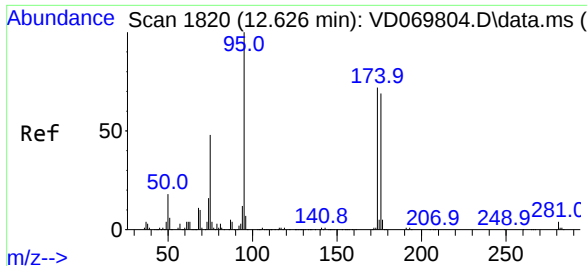
Tgt Ion:113 Resp: 559706
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 17.9 12.6 19.0



#50
Toluene-d8
Concen: 51.581 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

Tgt Ion: 98 Resp: 2323241
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

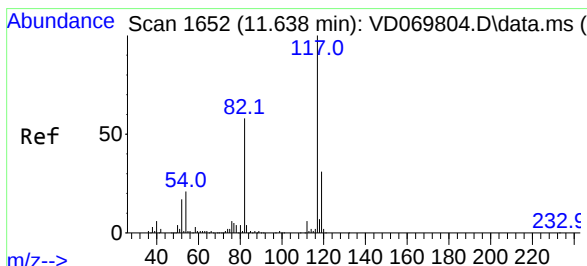
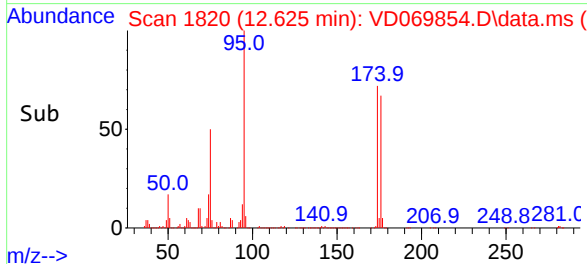
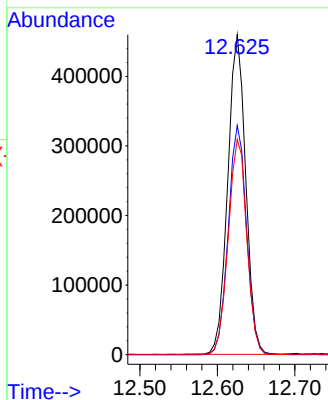
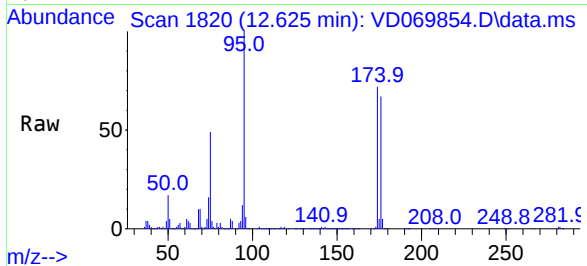




#62
4-Bromofluorobenzene
Concen: 49.294 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

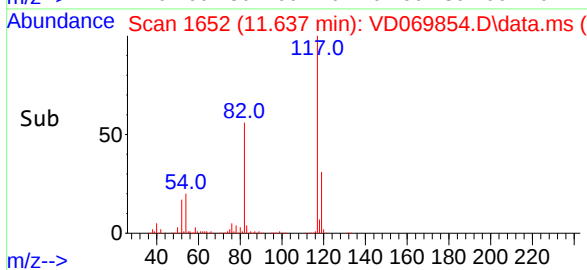
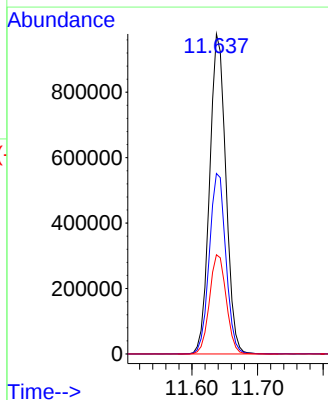
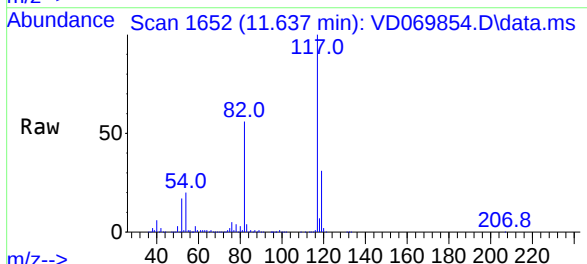
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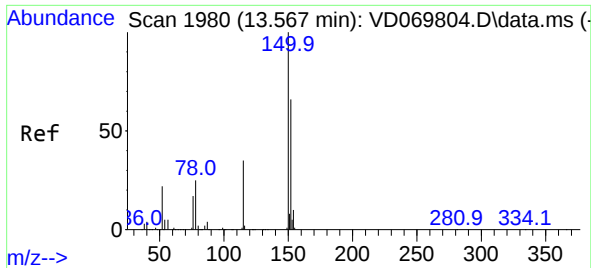
Tgt Ion: 95 Resp: 742008
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 69.2 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069854.D
Acq: 26 Jul 2021 18:16

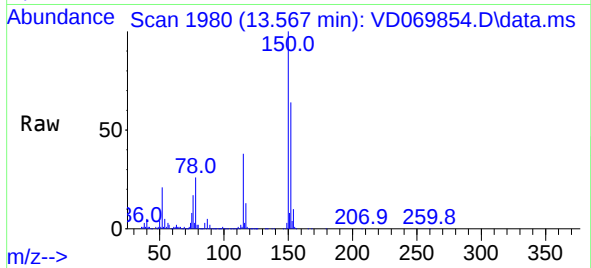
Tgt Ion: 117 Resp: 1680402
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 31.0 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069854.D
 Acq: 26 Jul 2021 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 20210585-COM-8



Tgt Ion:	152	Resp:	654306
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	156.9	0.0	343.0

