

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069857.D
 Acq On : 26 Jul 2021 19:42
 Operator : VA/SY
 Sample : M3118-04
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210588-AMENDED-COM-2

Quant Time: Jul 27 05:13:48 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)

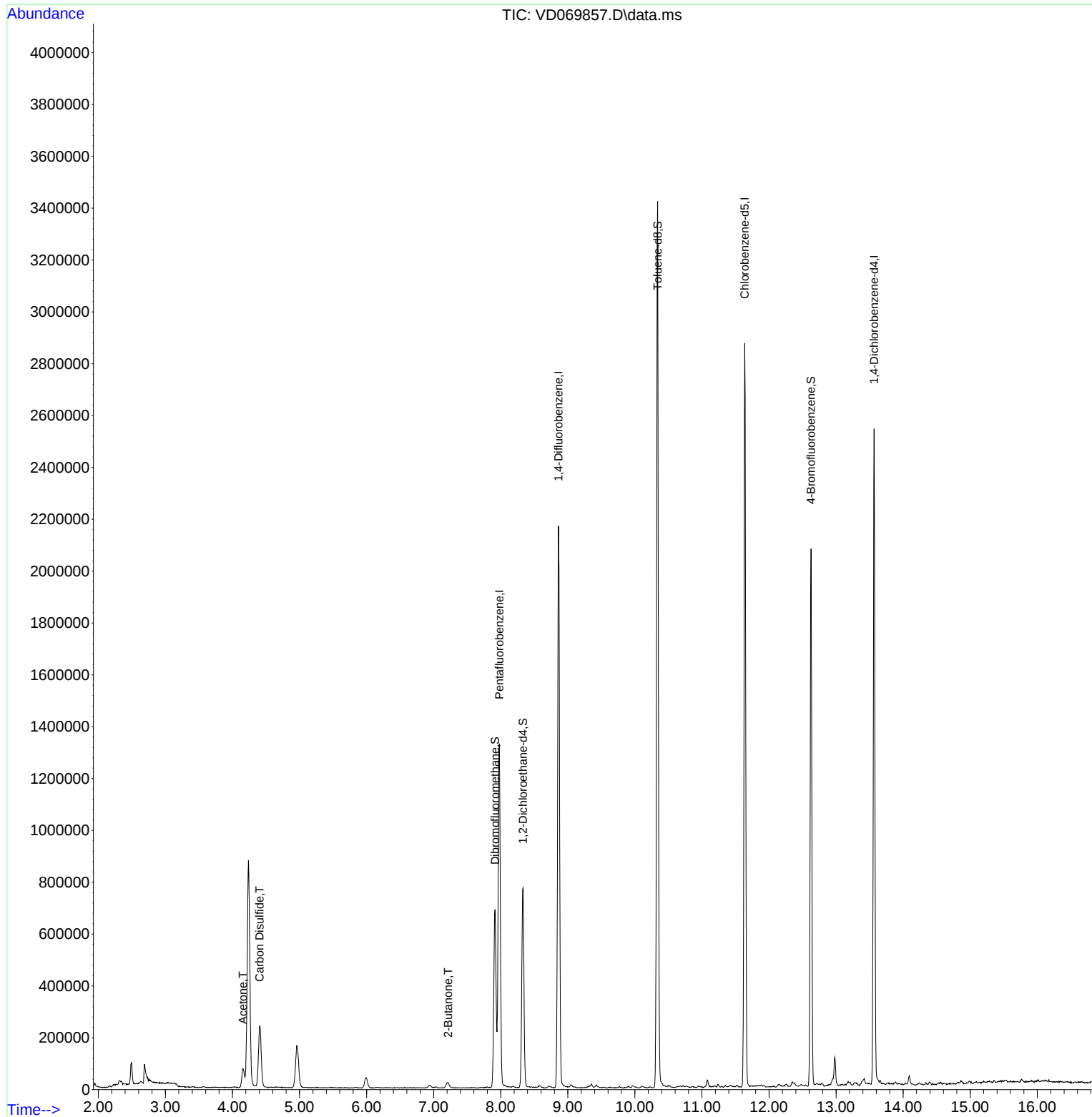
Internal Standards						
1) Pentafluorobenzene	7.979	168	951824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1863208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1667565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	659232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	619287	56.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.914	113	517394	44.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.100%
50) Toluene-d8	10.338	98	2329335	51.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.626	95	729549	48.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.400%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	129646	65.560	ug/l	98
17) Carbon Disulfide	4.403	76	527977	13.559	ug/l	98
25) 2-Butanone	7.214	43	25314	9.439	ug/l	96

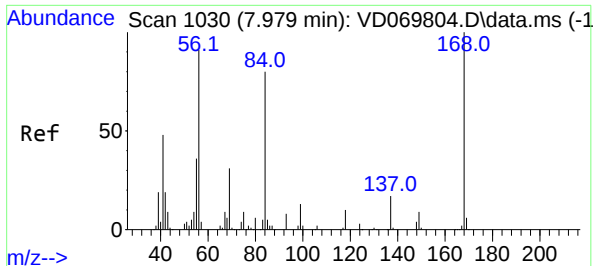
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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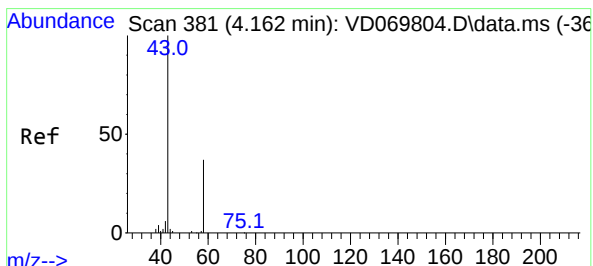
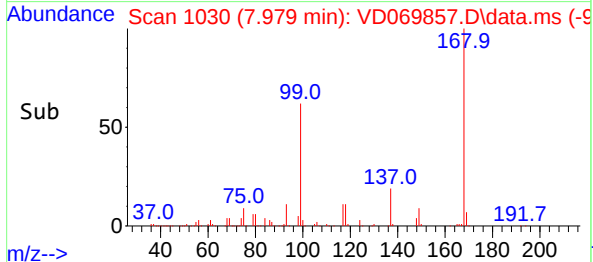
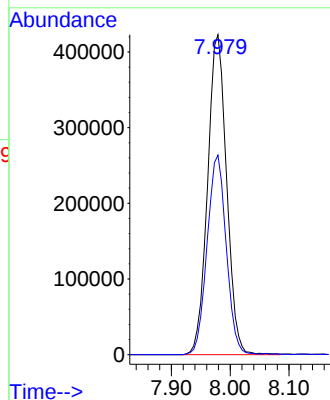
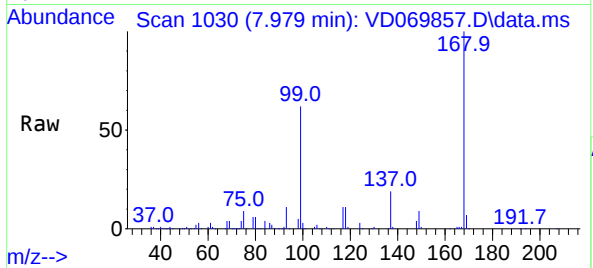




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

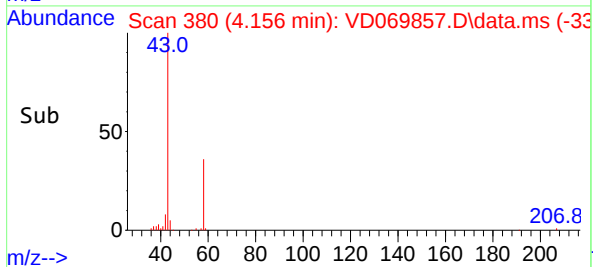
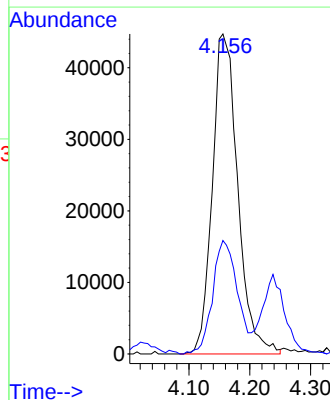
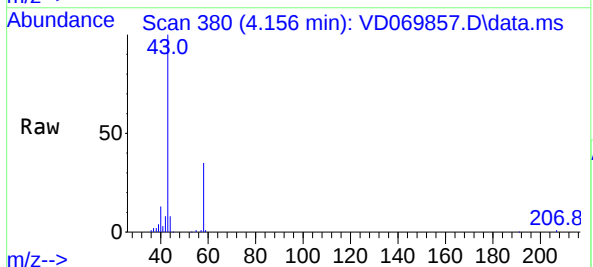
Instrument :
MSVOA_D
ClientSampleId :
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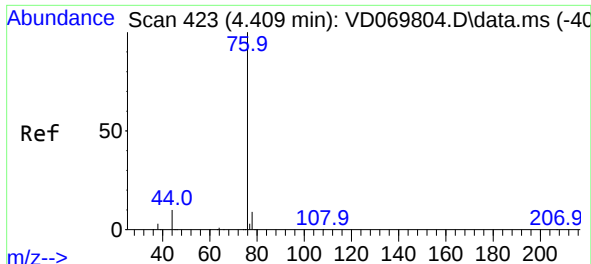
Tgt Ion:168 Resp: 951824
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#16
Acetone
Concen: 65.560 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

Tgt Ion: 43 Resp: 129646
Ion Ratio Lower Upper
43 100
58 35.4 29.4 44.0

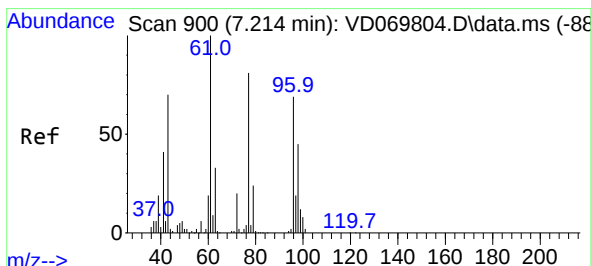
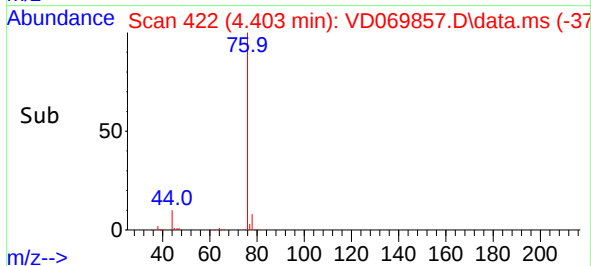
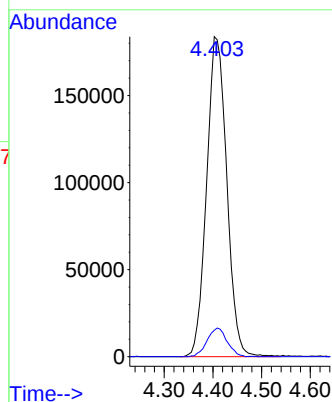
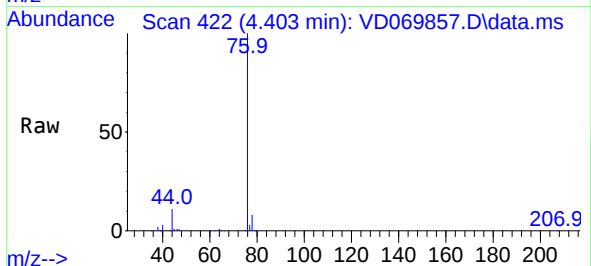




#17
Carbon Disulfide
Concen: 13.559 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

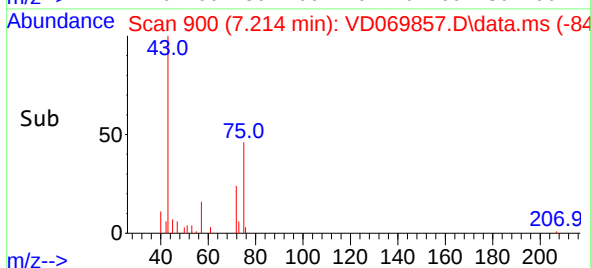
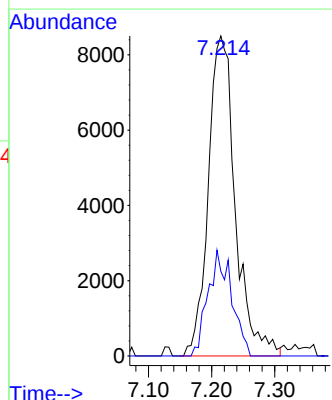
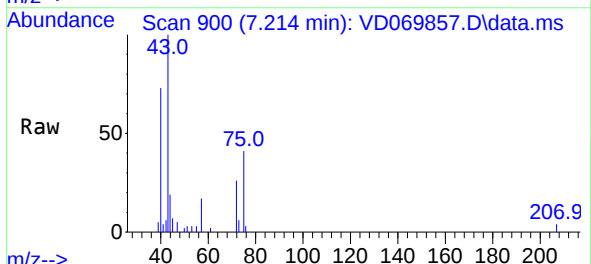
Instrument :
MSVOA_D
ClientSampleId :
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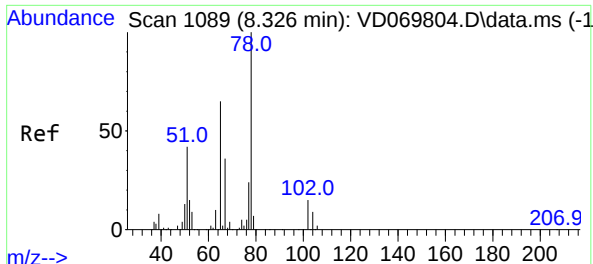
Tgt Ion: 76 Resp: 527977
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#25
2-Butanone
Concen: 9.439 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

Tgt Ion: 43 Resp: 25314
Ion Ratio Lower Upper
43 100
72 26.4 22.8 34.2

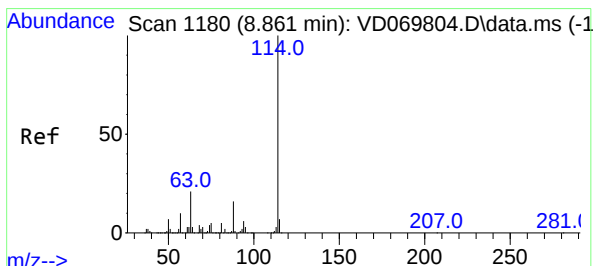
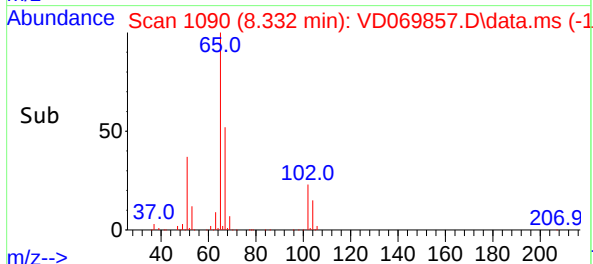
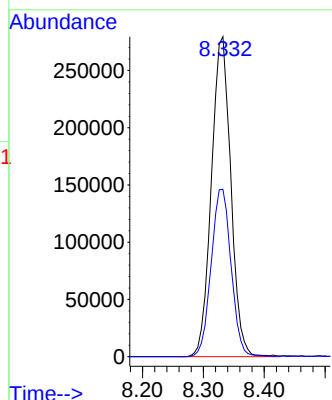
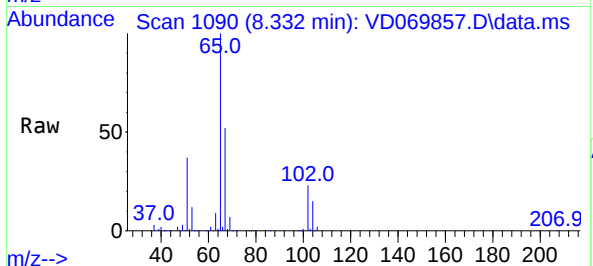




#33
1,2-Dichloroethane-d4
Concen: 56.572 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

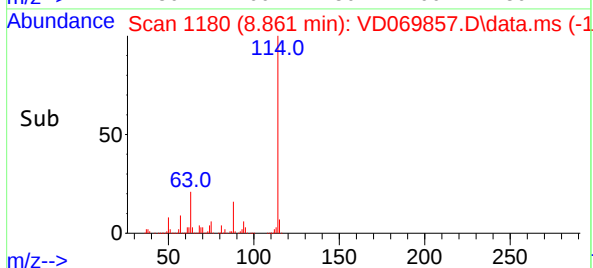
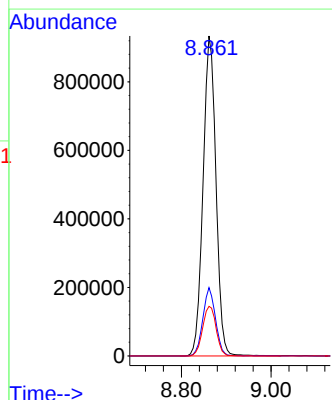
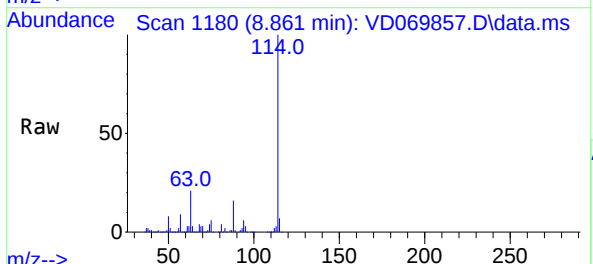
Instrument :
MSVOA_D
ClientSampleId :
20210588-AMENDED-COM-2

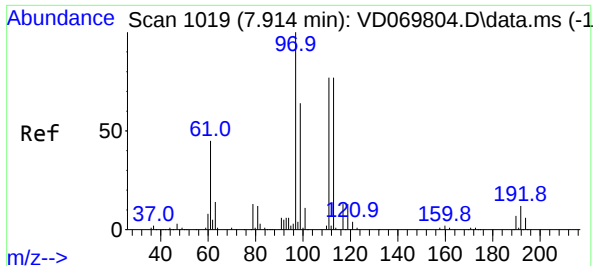
Tgt Ion: 65 Resp: 619287
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

Tgt Ion:114 Resp: 1863208
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 15.5 0.0 31.4

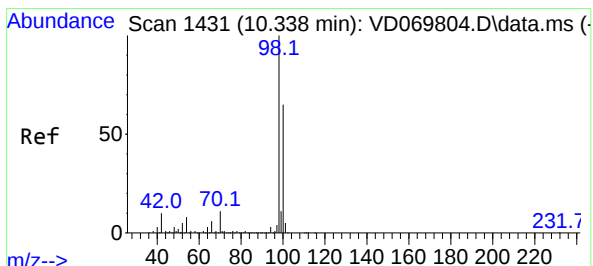
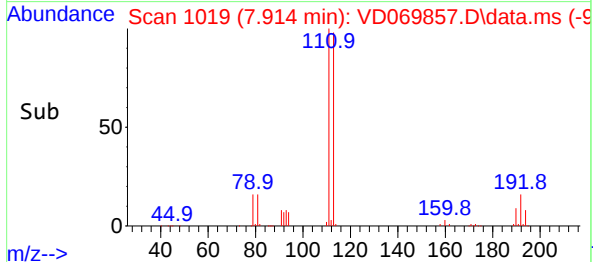
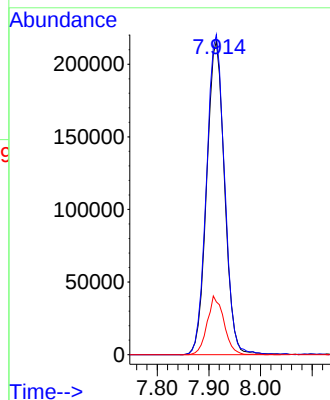
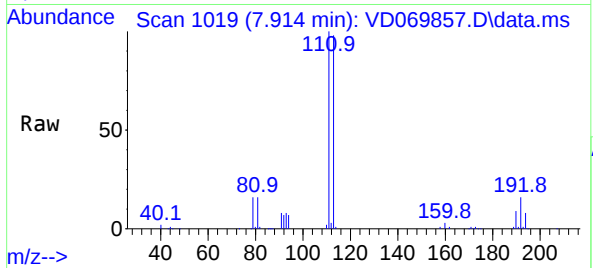




#35
Dibromofluoromethane
Concen: 44.050 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

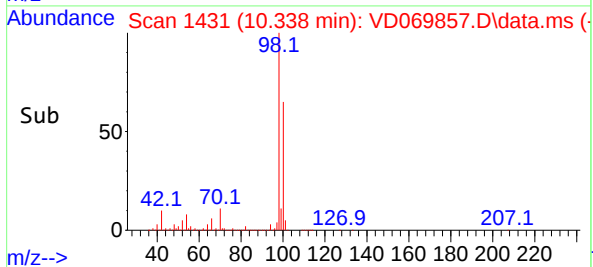
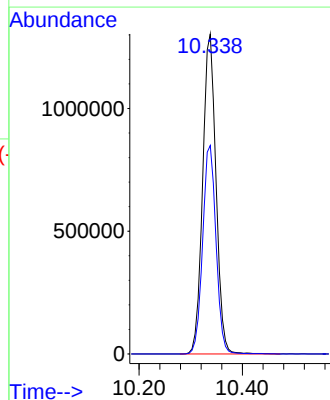
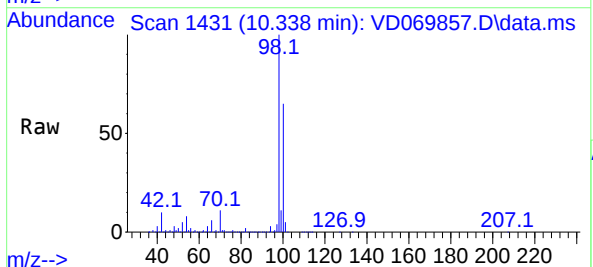
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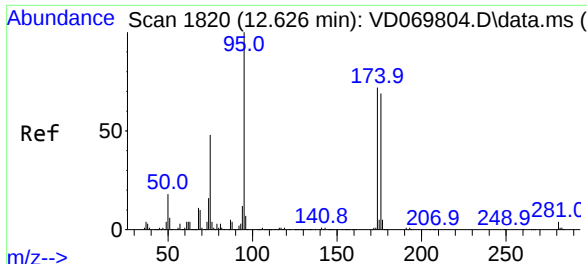
Tgt Ion:113 Resp: 517394
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 17.6 12.6 19.0



#50
Toluene-d8
Concen: 51.431 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

Tgt Ion: 98 Resp: 2329335
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

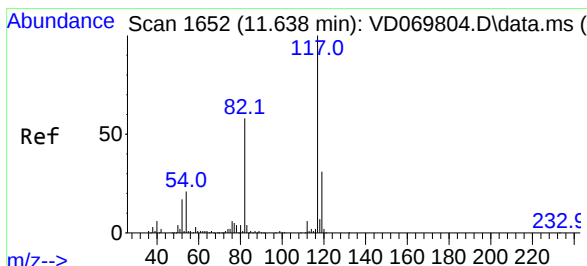
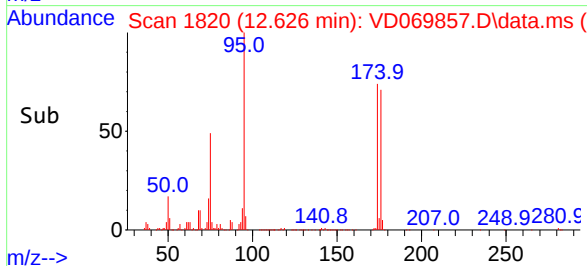
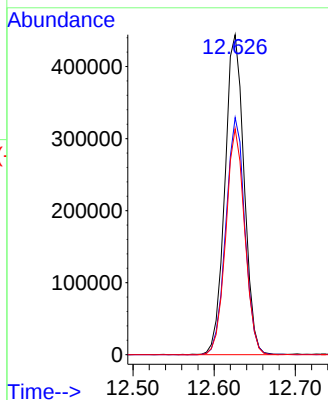
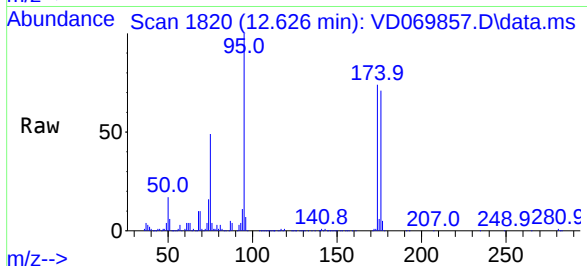




#62
4-Bromofluorobenzene
Concen: 48.199 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

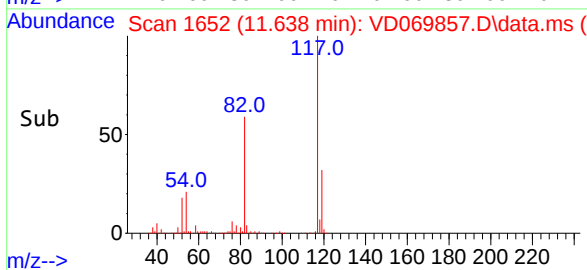
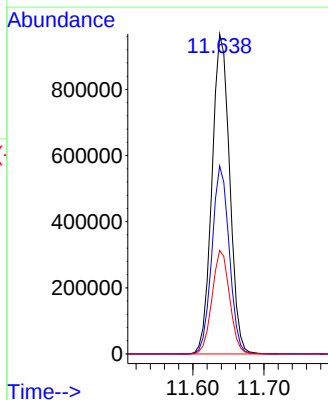
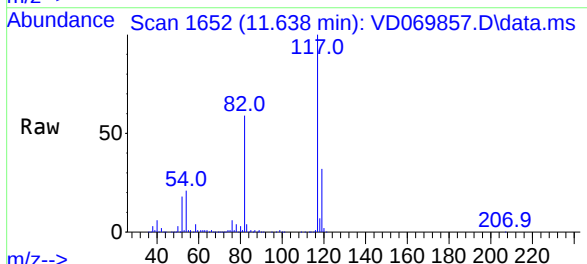
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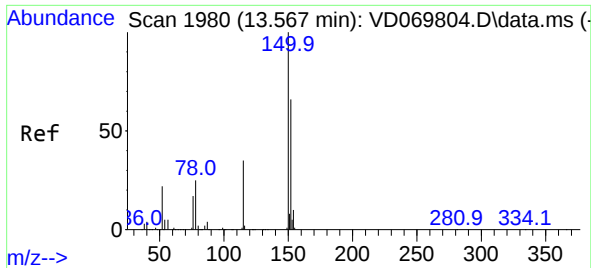
Tgt Ion: 95 Resp: 729549
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 69.3 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069857.D
Acq: 26 Jul 2021 19:42

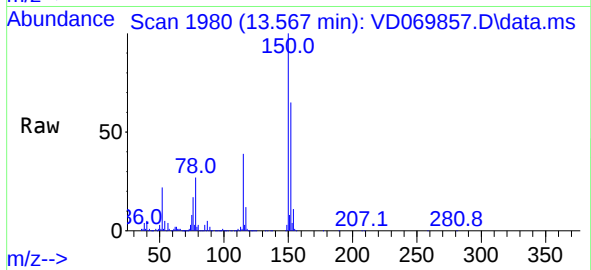
Tgt Ion: 117 Resp: 1667565
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 32.3 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069857.D
 Acq: 26 Jul 2021 19:42

Instrument :
 MSVOA_D
 ClientSampleId :
 20210588-AMENDED-COM-2



Tgt Ion:152 Resp: 659232

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.1	93.3
150	157.8	0.0	343.0

