

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068561.D
 Acq On : 08 Mar 2021 15:42
 Operator : VA/SY
 Sample : M1603-03
 Misc : 10.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33-NORTH

Quant Time: Mar 09 00:11:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

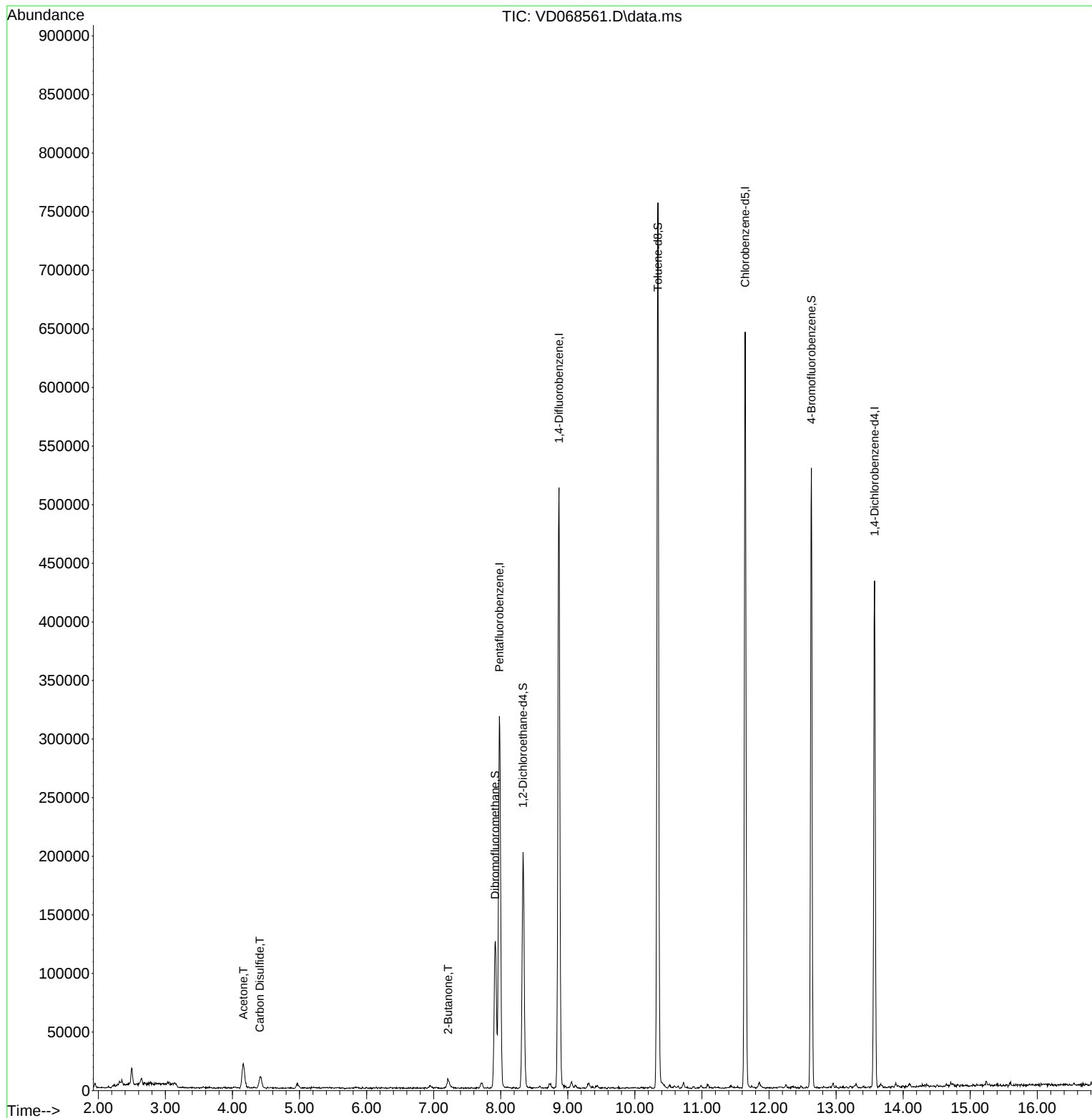
Internal Standards						
1) Pentafluorobenzene	7.979	168	248950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	464144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	391094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	121024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	157221	63.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.42%
35) Dibromofluoromethane	7.914	113	92735	33.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.34%
50) Toluene-d8	10.344	98	534107	47.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.92%
62) 4-Bromofluorobenzene	12.632	95	147798	41.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.36%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	37974	96.11	ug/l	96
17) Carbon Disulfide	4.409	76	22048	2.69	ug/l	96
25) 2-Butanone	7.215	43	11728	20.65	ug/l #	87

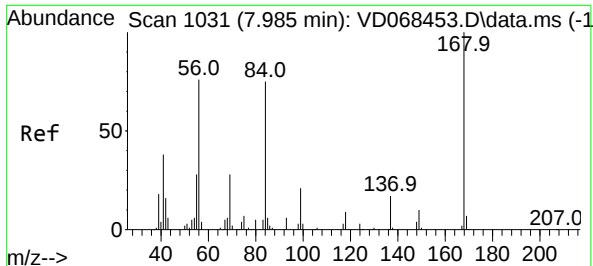
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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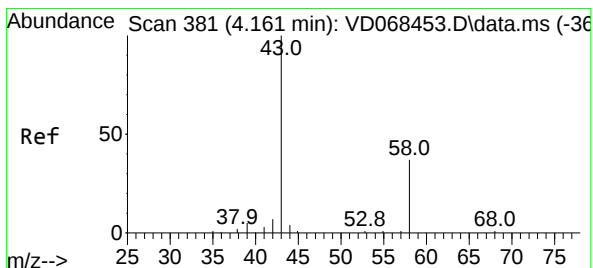
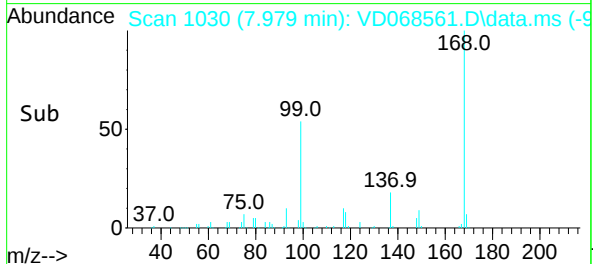
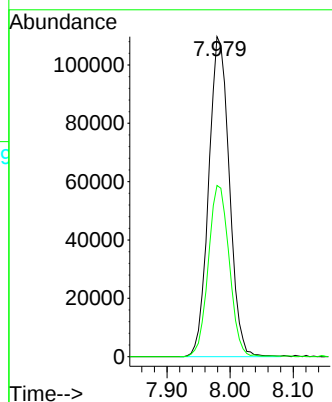
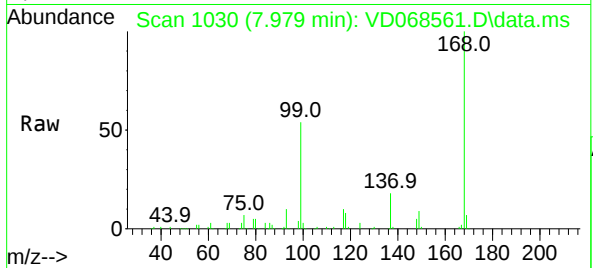




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

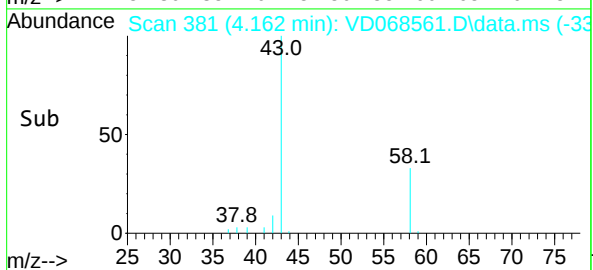
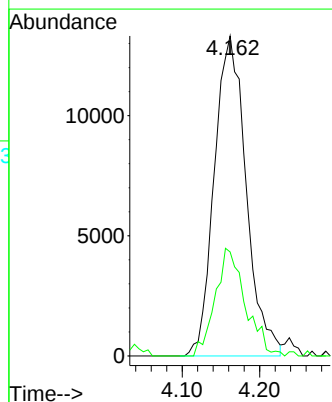
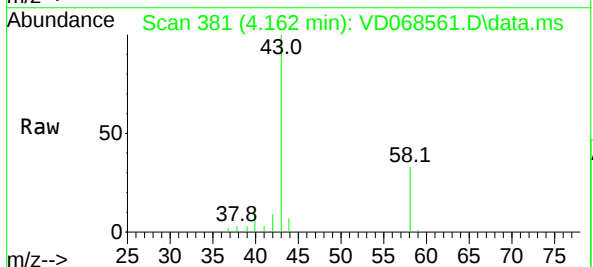
Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

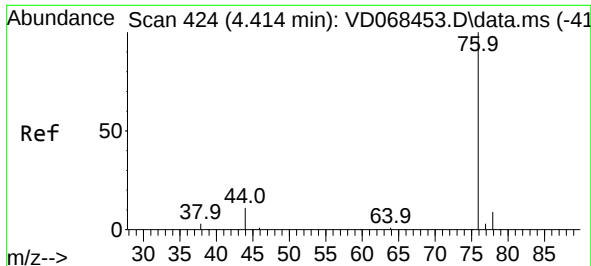
Tgt Ion:168 Resp: 248950
Ion Ratio Lower Upper
168 100
99 53.5 43.5 65.3



#16
Acetone
Concen: 96.11 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

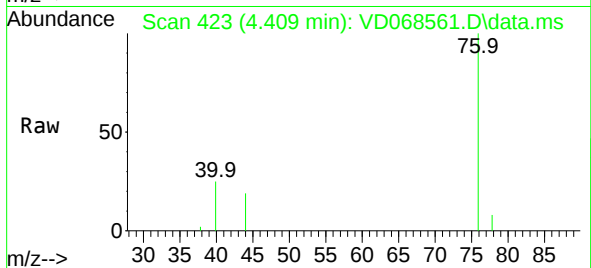
Tgt Ion: 43 Resp: 37974
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4



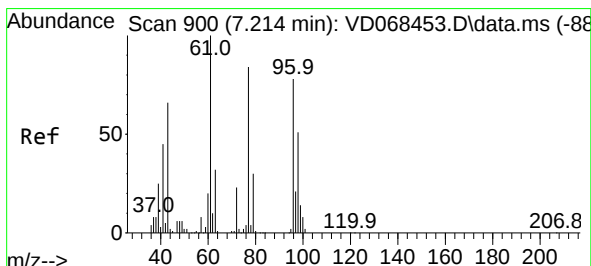
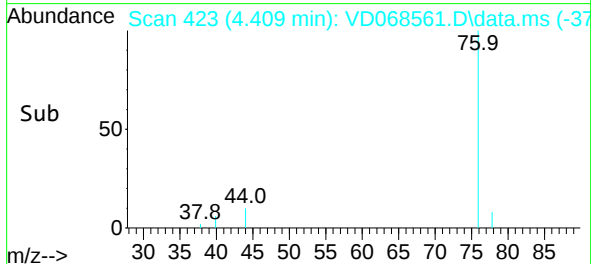
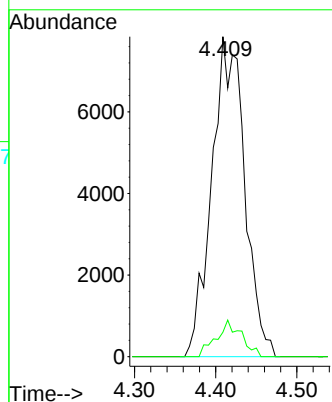


#17
Carbon Disulfide
Concen: 2.69 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

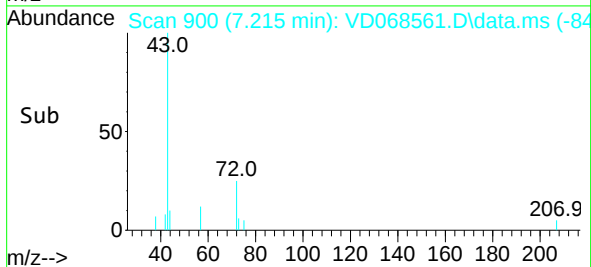
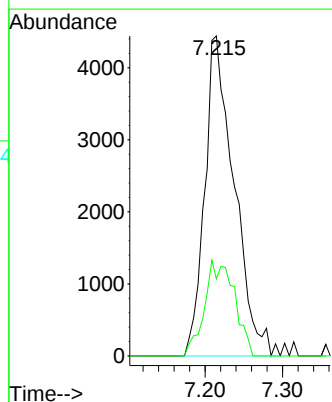
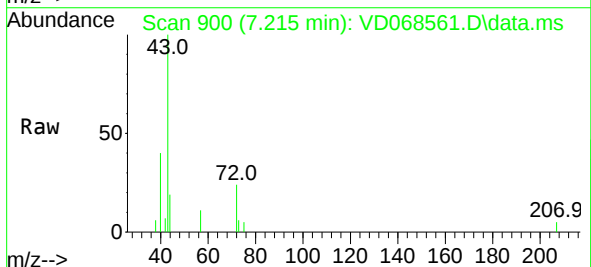


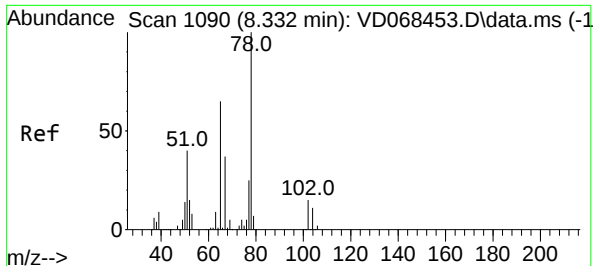
Tgt Ion: 76 Resp: 22048
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#25
2-Butanone
Concen: 20.65 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 43 Resp: 11728
Ion Ratio Lower Upper
43 100
72 24.1 25.1 37.7#

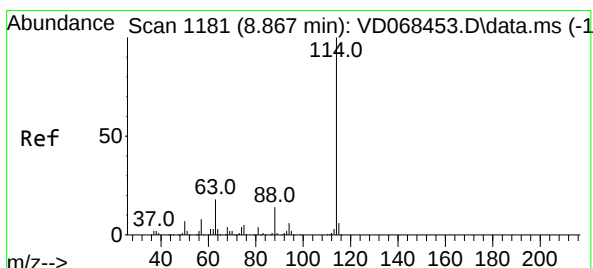
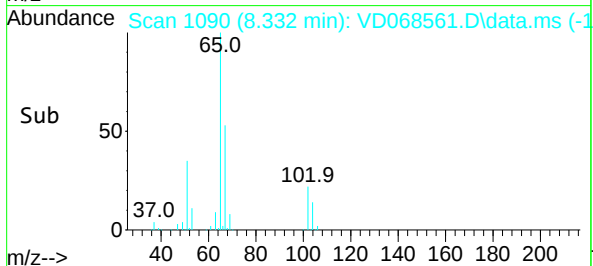
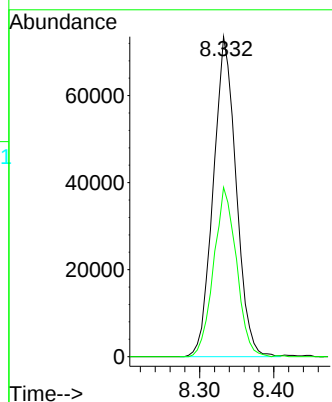
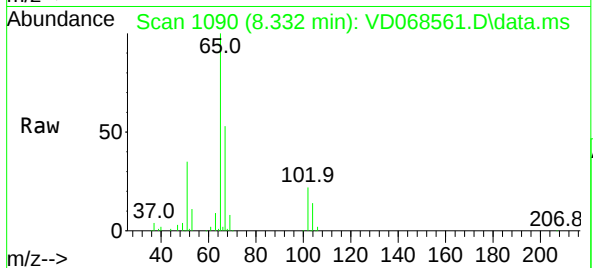




#33
1,2-Dichloroethane-d4
Concen: 63.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

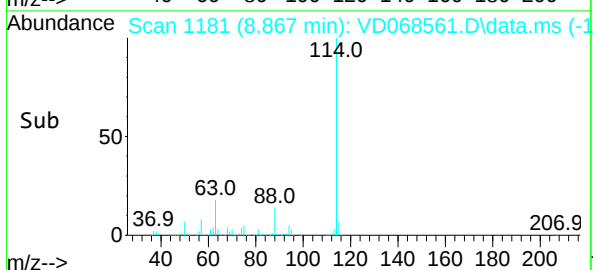
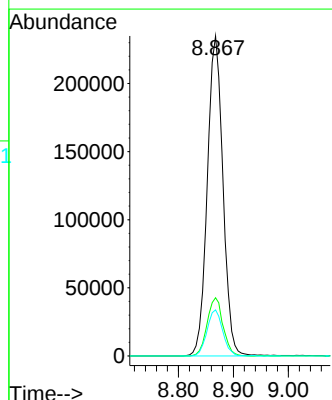
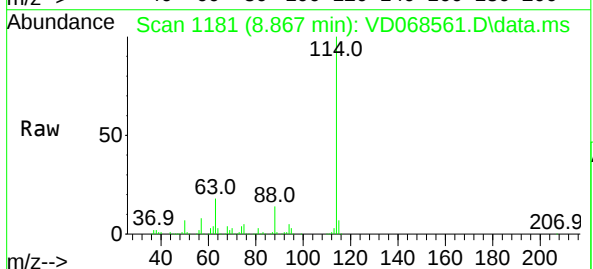
Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

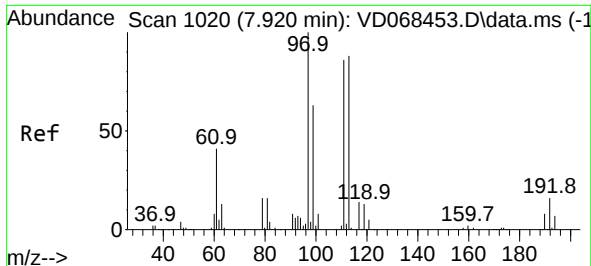
Tgt Ion: 65 Resp: 157221
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 114 Resp: 464144
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 14.4 0.0 31.6

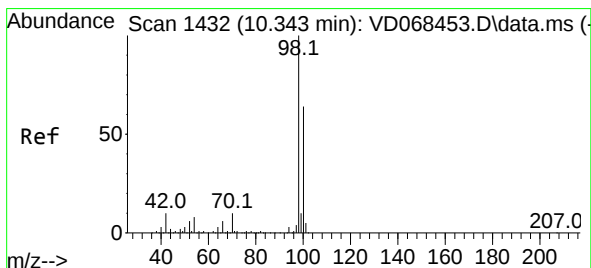
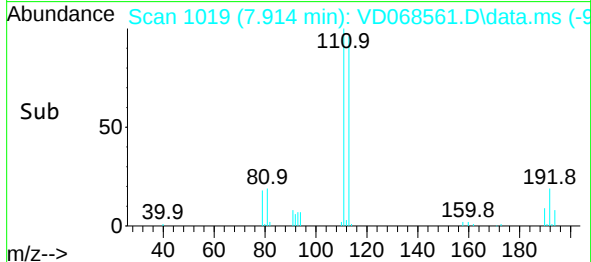
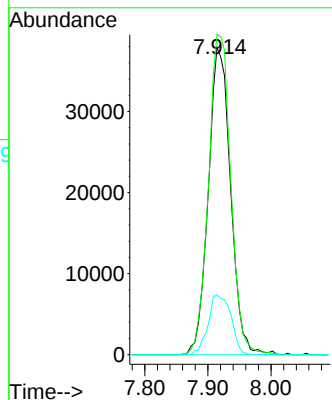
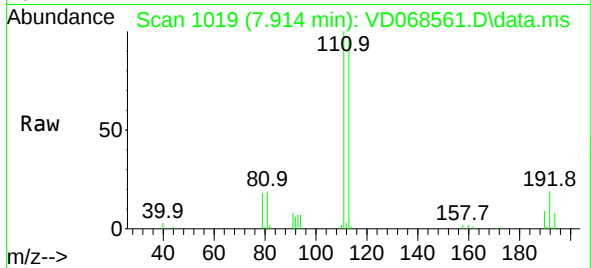




#35
Dibromofluoromethane
Concen: 33.17 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

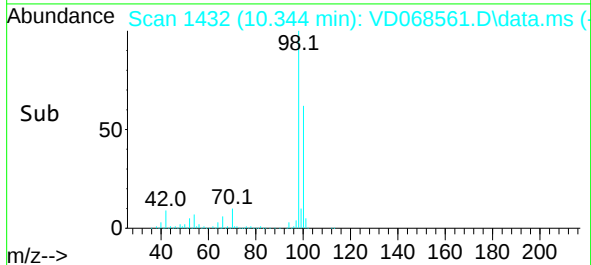
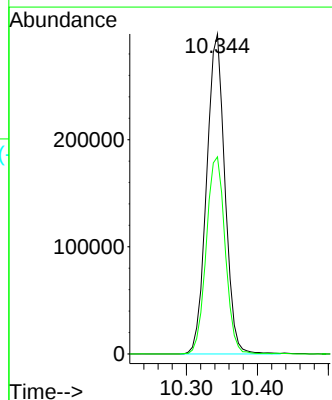
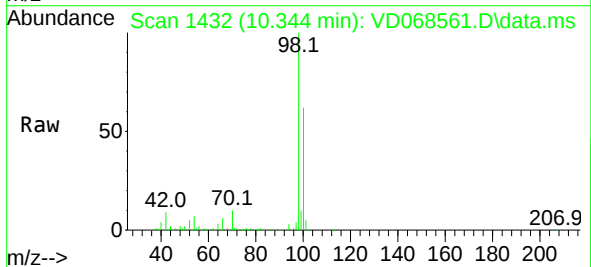
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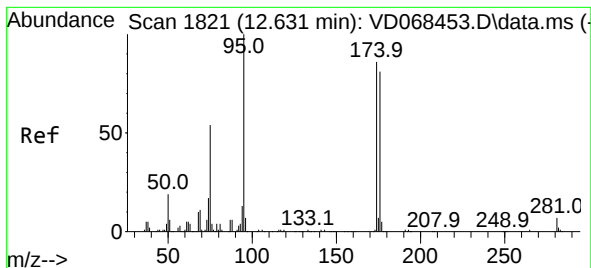
Tgt Ion:113 Resp: 92735
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 19.9 16.1 24.1



#50
Toluene-d8
Concen: 47.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 98 Resp: 534107
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.4

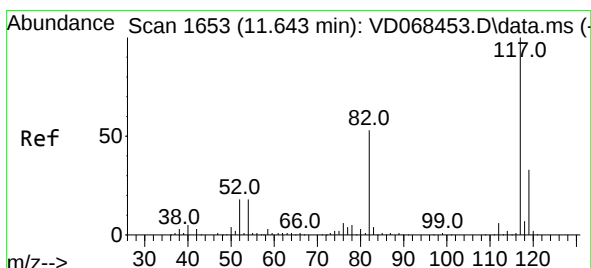
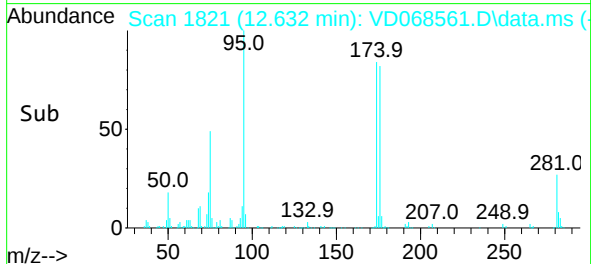
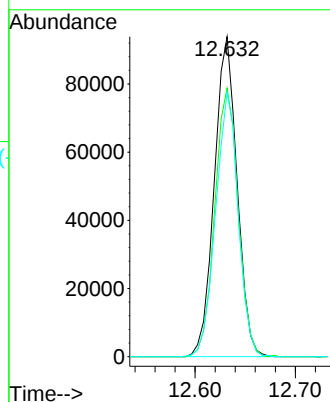
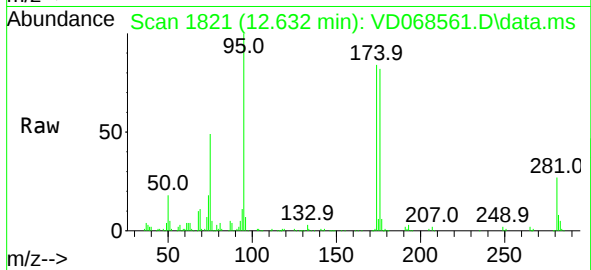




#62
4-Bromofluorobenzene
Concen: 41.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

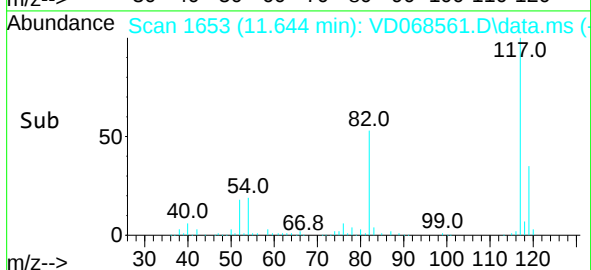
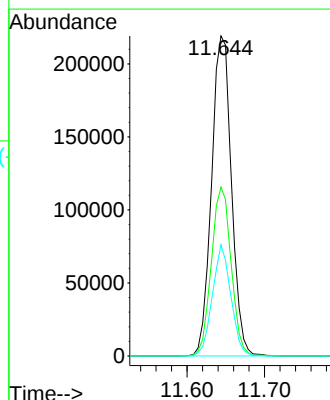
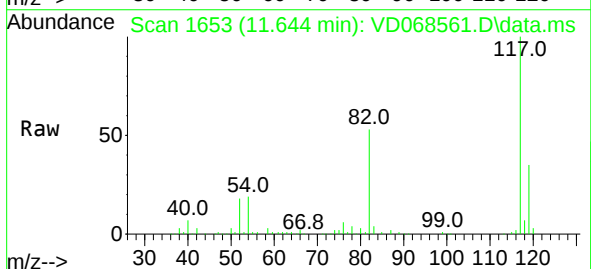
Instrument :
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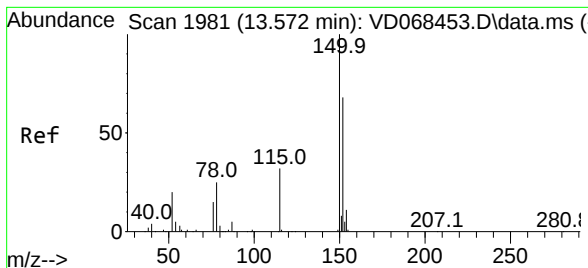
Tgt Ion: 95 Resp: 147798
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.4
176 82.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 117 Resp: 391094
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.0
119 34.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068561.D
 Acq: 08 Mar 2021 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 33-NORTH

Tgt Ion:152 Resp: 121024
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.9 86.8
 150 157.2 0.0 344.4

