

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068963.D
 Acq On : 23 Apr 2021 13:11
 Operator : VA/SY
 Sample : M2107-16
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-33-10.5-11.0

Quant Time: Apr 26 07:54:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

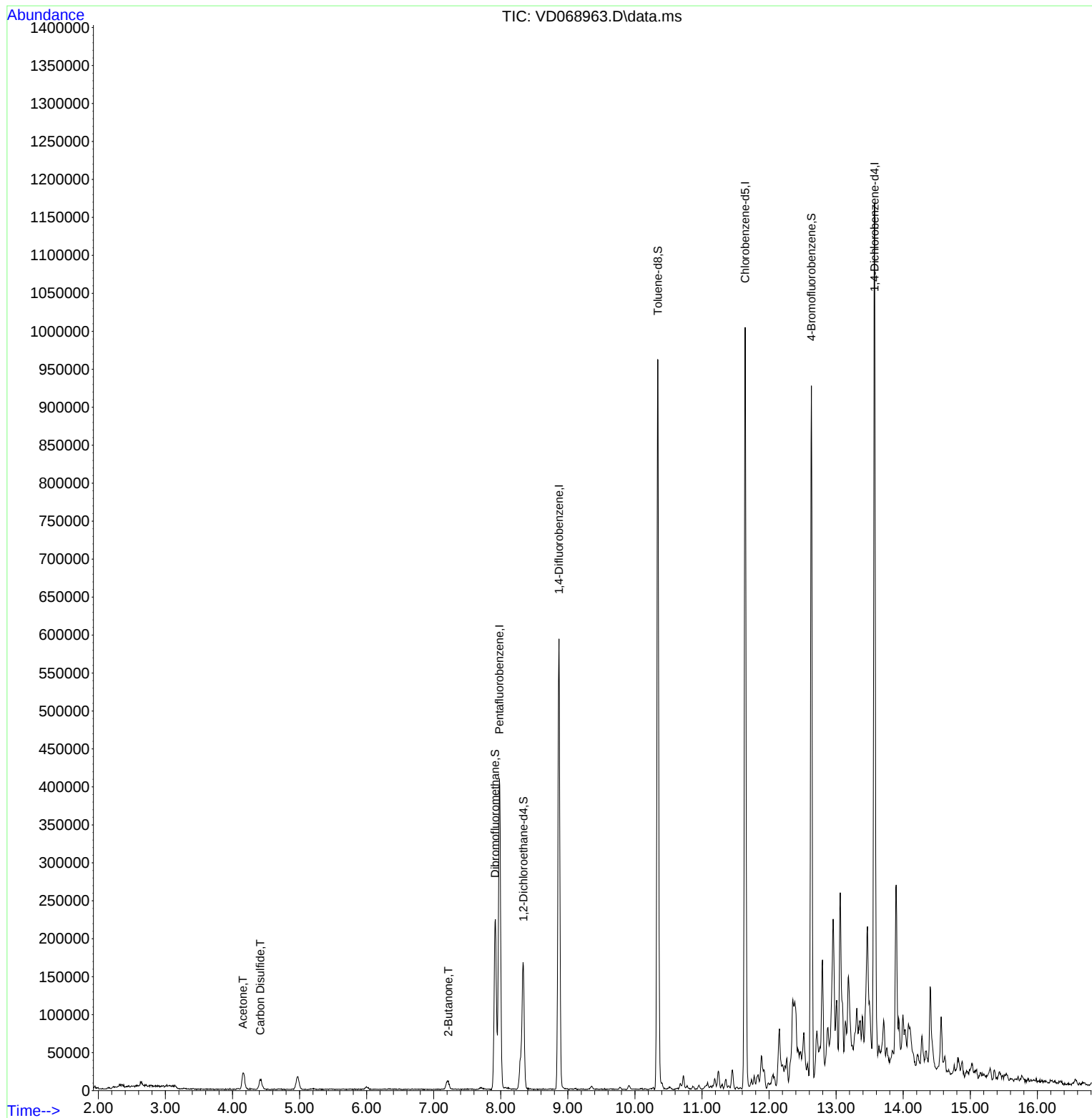
Internal Standards						
1) Pentafluorobenzene	7.979	168	313931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	606767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	129669	39.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.16%
35) Dibromofluoromethane	7.914	113	158962	46.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.20%
50) Toluene-d8	10.344	98	677206	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.632	95	287043	66.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.88%
Target Compounds						
16) Acetone	4.156	43	38571	83.95	ug/l	Qvalue 91
17) Carbon Disulfide	4.415	76	25019	2.46	ug/l #	94
25) 2-Butanone	7.220	43	9649	14.84	ug/l #	85

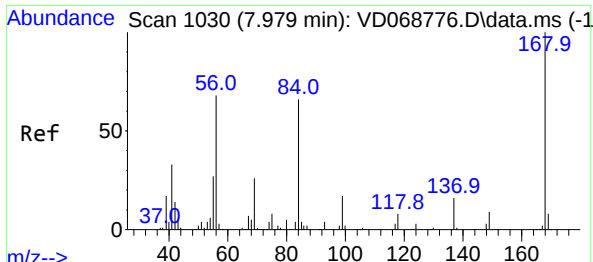
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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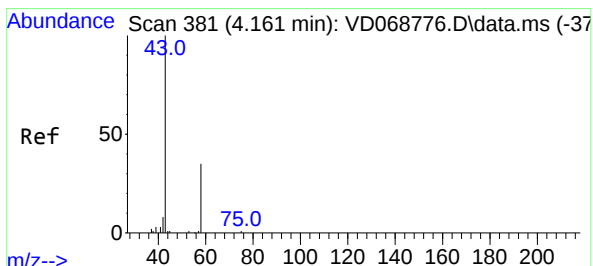
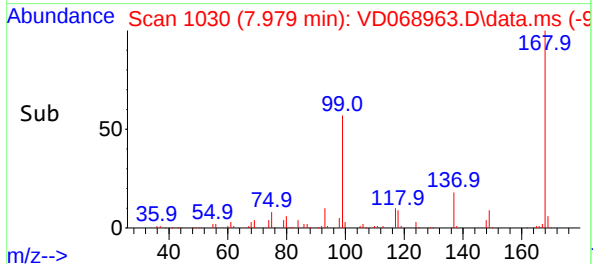
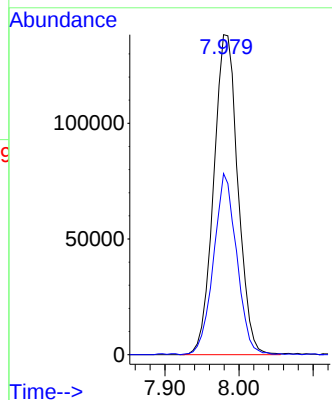
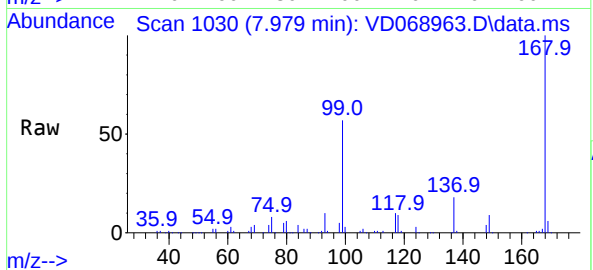




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

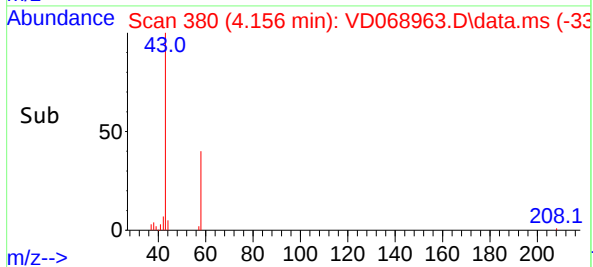
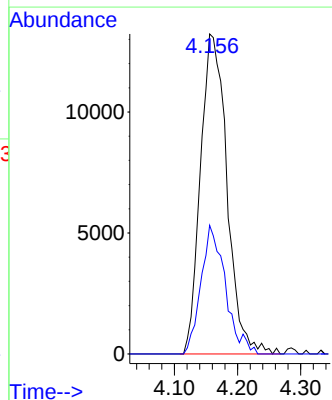
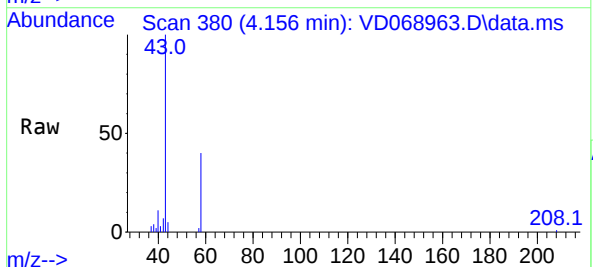
Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

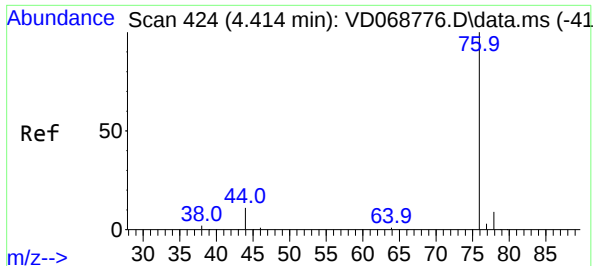
Tgt Ion:168 Resp: 313931
Ion Ratio Lower Upper
168 100
99 56.6 46.2 69.2



#16
Acetone
Concen: 83.95 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

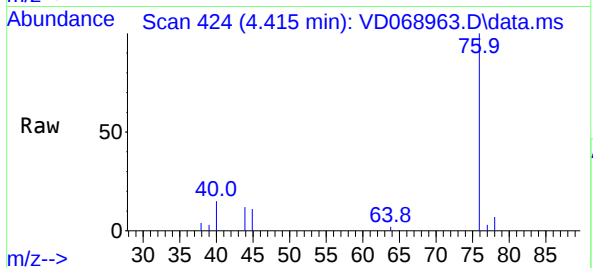
Tgt Ion: 43 Resp: 38571
Ion Ratio Lower Upper
43 100
58 40.2 28.0 42.0



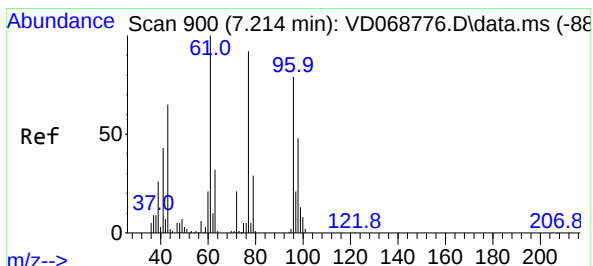
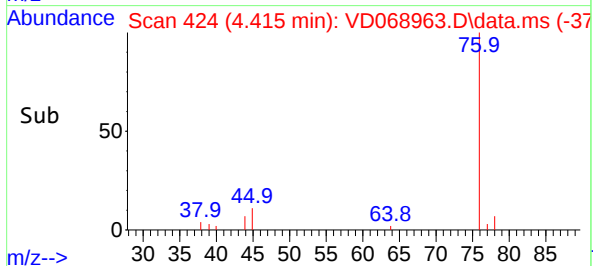
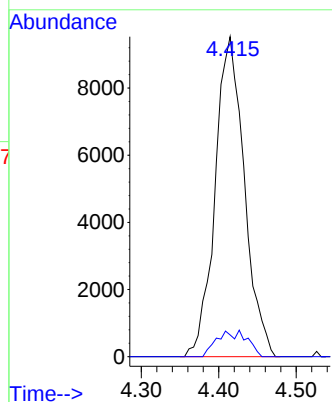


#17
Carbon Disulfide
Concen: 2.46 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

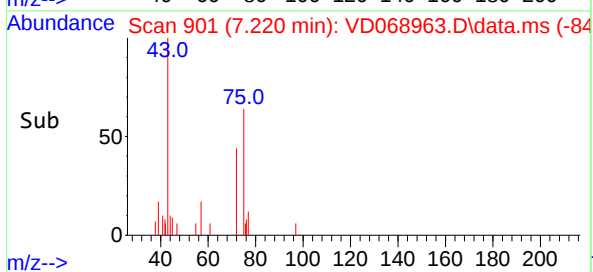
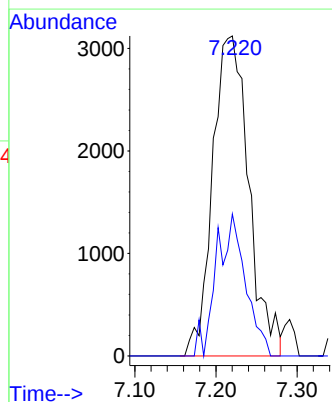
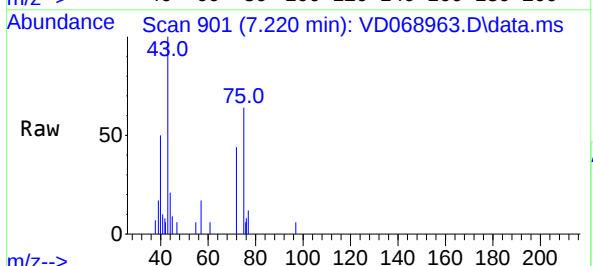


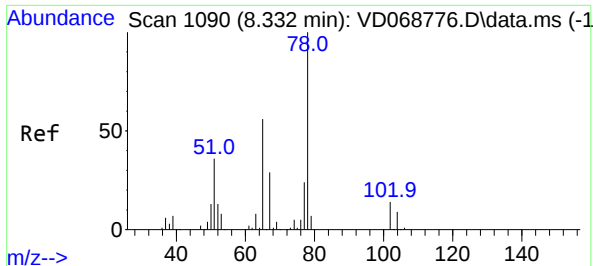
Tgt Ion: 76 Resp: 25019
Ion Ratio Lower Upper
76 100
78 6.8 7.3 10.9#



#25
2-Butanone
Concen: 14.84 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion: 43 Resp: 9649
Ion Ratio Lower Upper
43 100
72 44.4 28.6 43.0#

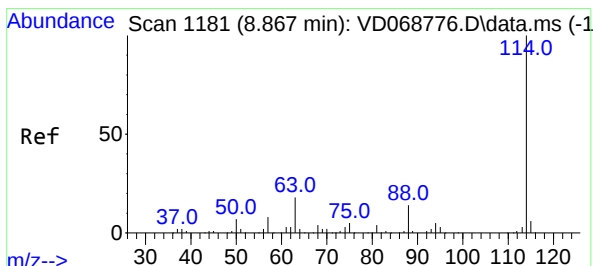
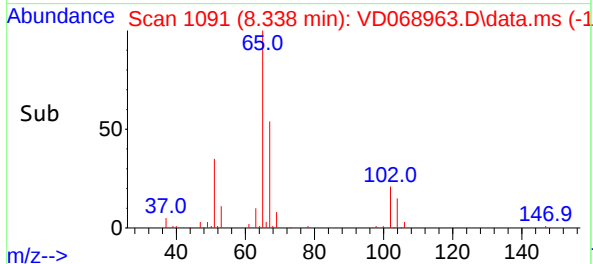
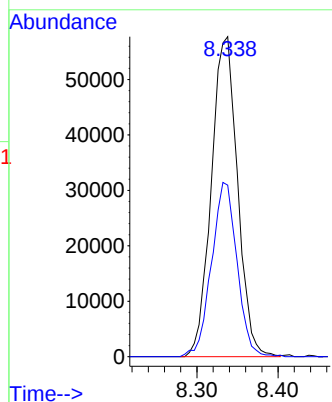
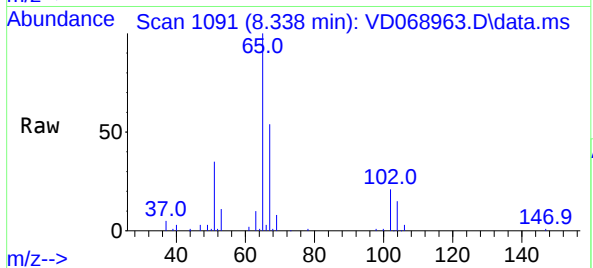




#33
1,2-Dichloroethane-d4
Concen: 39.08 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

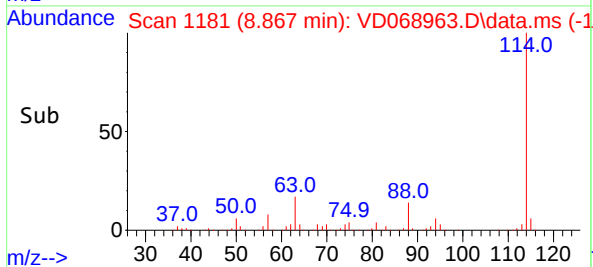
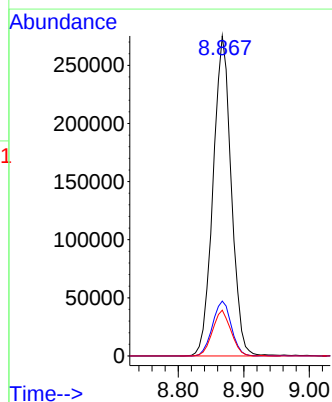
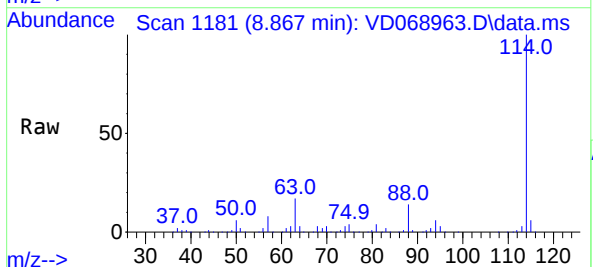
Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

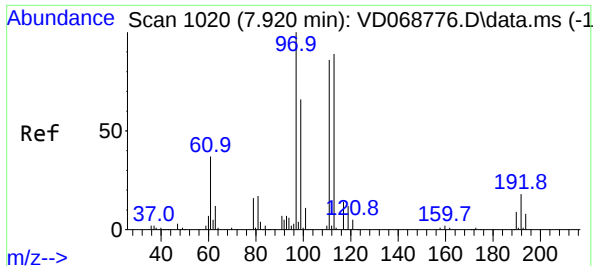
Tgt Ion: 65 Resp: 129669
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion: 114 Resp: 530148
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.3 0.0 29.4

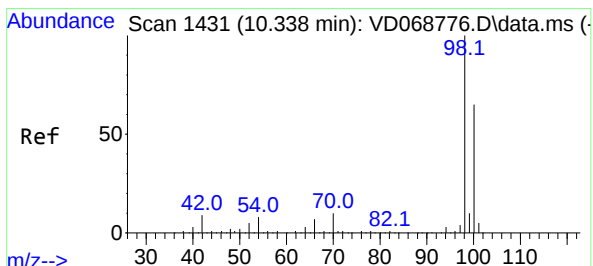
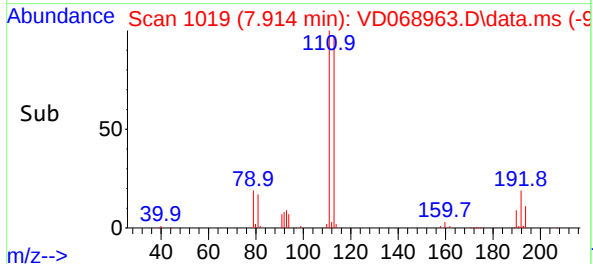
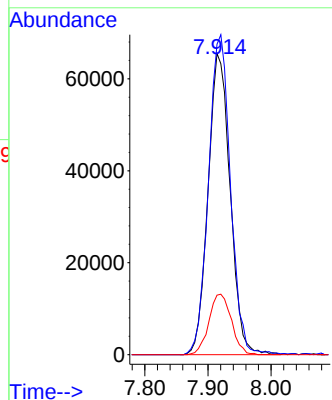
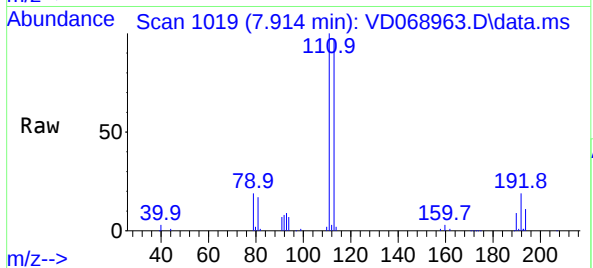




#35
Dibromofluoromethane
Concen: 46.10 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

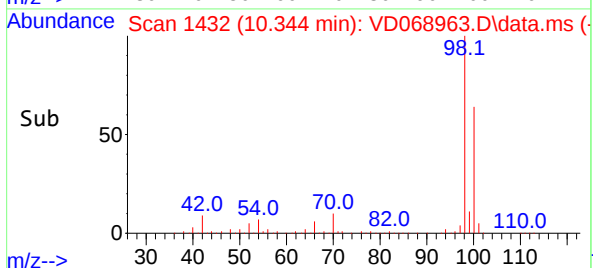
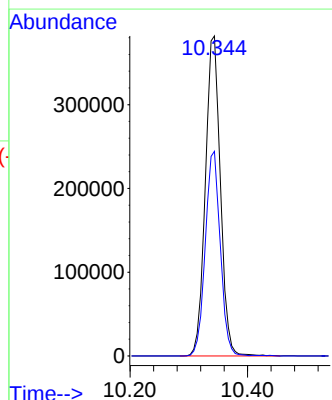
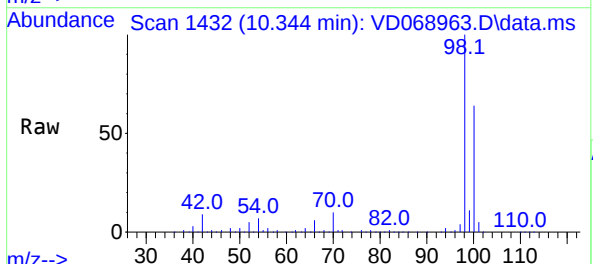
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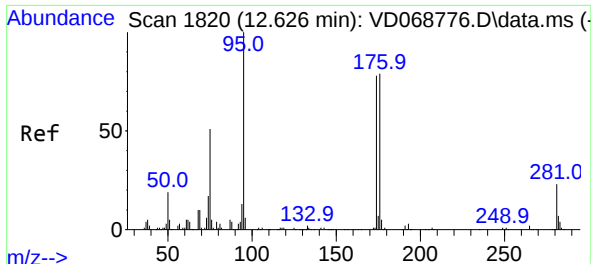
Tgt Ion:113 Resp: 158962
Ion Ratio Lower Upper
113 100
111 105.9 82.5 123.7
192 20.5 15.1 22.7



#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion: 98 Resp: 677206
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

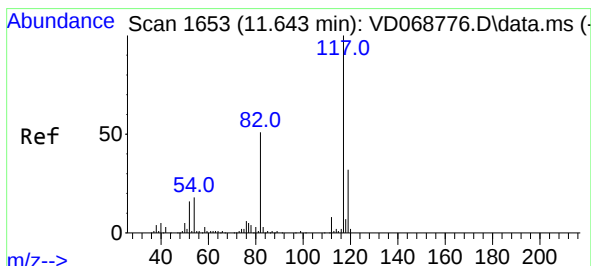
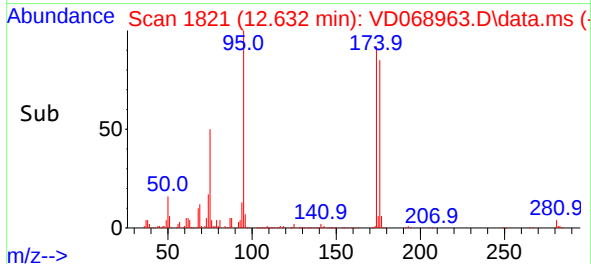
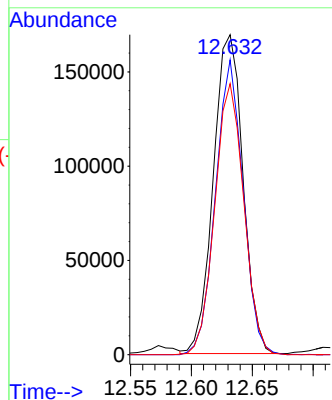
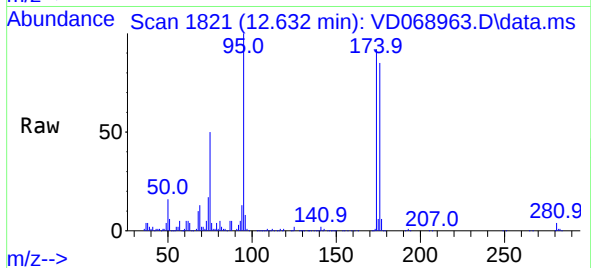




#62
4-Bromofluorobenzene
Concen: 66.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

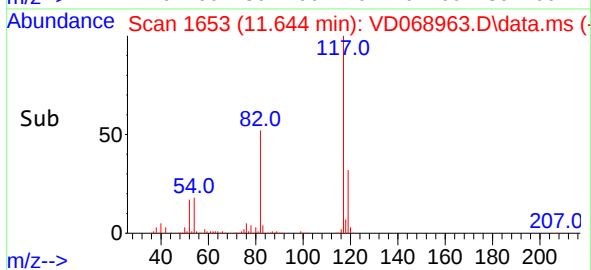
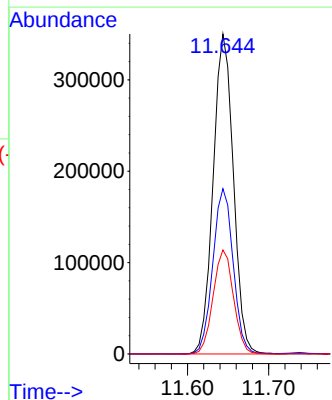
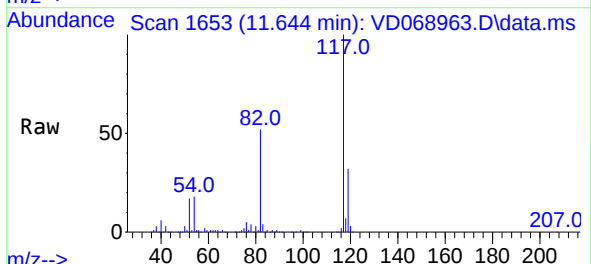
Instrument :
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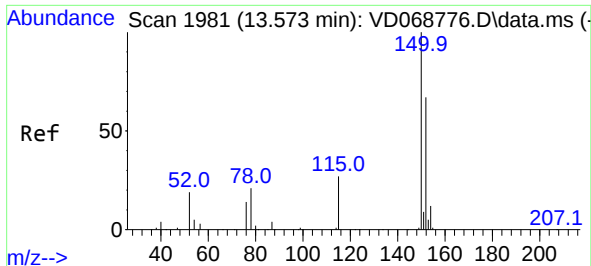
Tgt Ion: 95 Resp: 287043
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.0
176 83.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

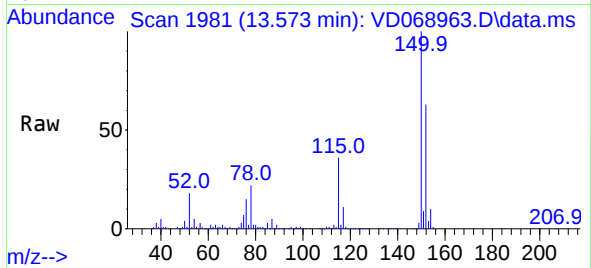
Tgt Ion: 117 Resp: 606767
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.5 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0



Tgt Ion:152 Resp: 310541
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 157.0 0.0 347.6

