

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068936.D
 Acq On : 21 Apr 2021 19:36
 Operator : VA/SY
 Sample : M2106-18
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27-9.5-10.0

Quant Time: Apr 22 10:24:20 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)

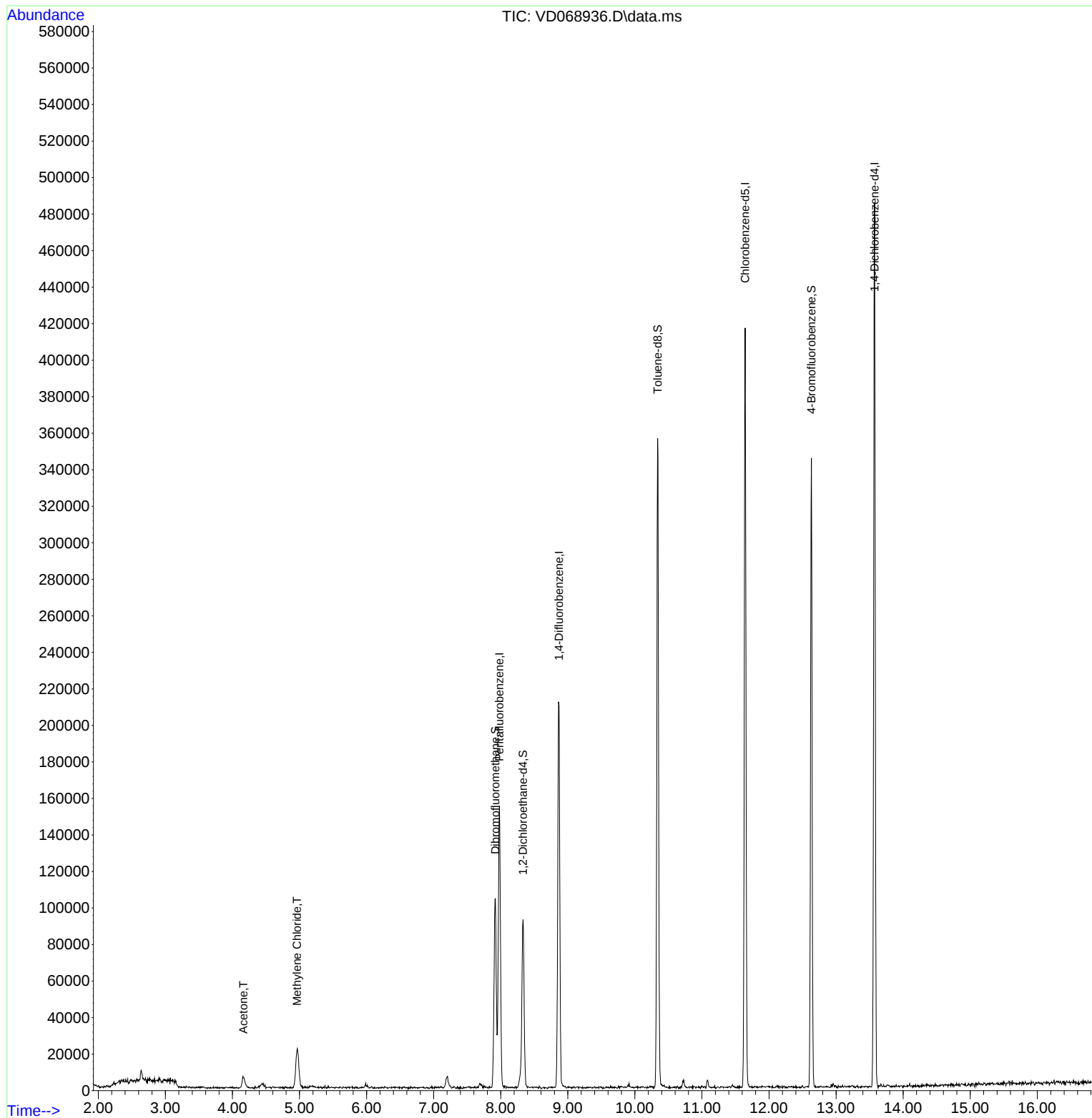
Internal Standards						
1) Pentafluorobenzene	7.979	168	118356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	199874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	251568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	133207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	73863	59.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.10%			
35) Dibromofluoromethane	7.920	113	73913	56.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.70%			
50) Toluene-d8	10.338	98	258784	52.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.54%			
62) 4-Bromofluorobenzene	12.632	95	107640	66.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 132.16%			
Target Compounds						Qvalue
16) Acetone	4.162	43	10213	58.96	ug/l	94
20) Methylene Chloride	4.962	84	19284	9.88	ug/l #	95

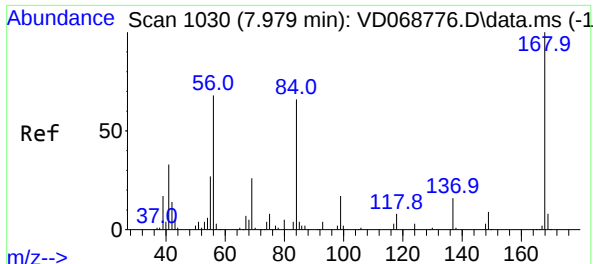
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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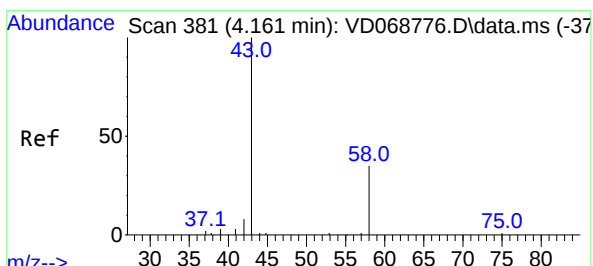
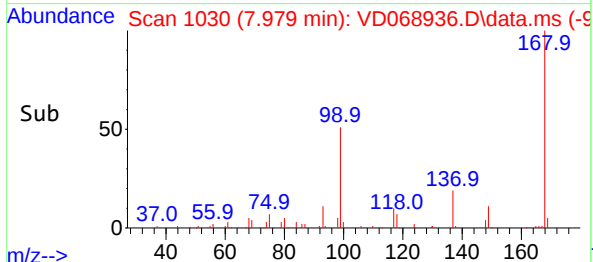
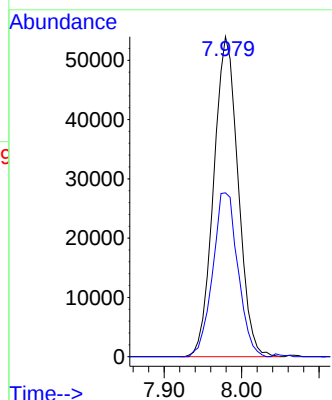
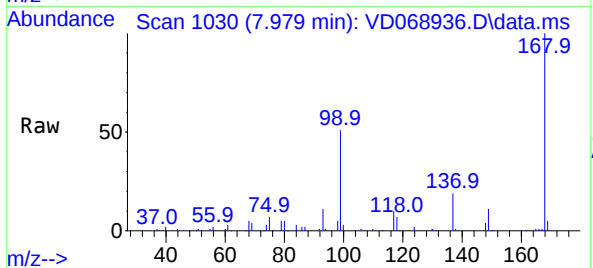




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

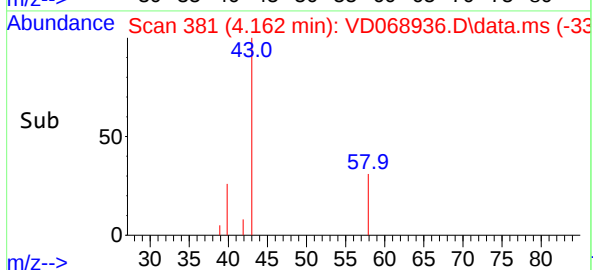
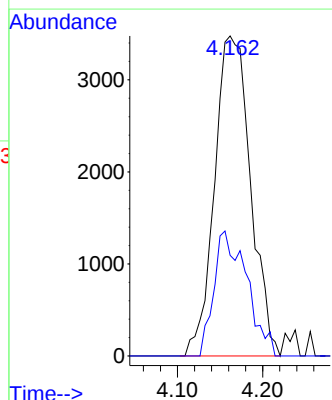
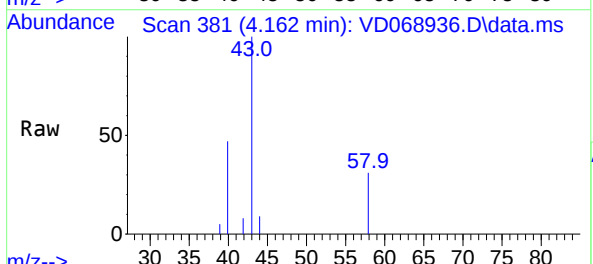
Instrument :
MSVOA_D
ClientSampleId :
SB-27-9.5-10.0

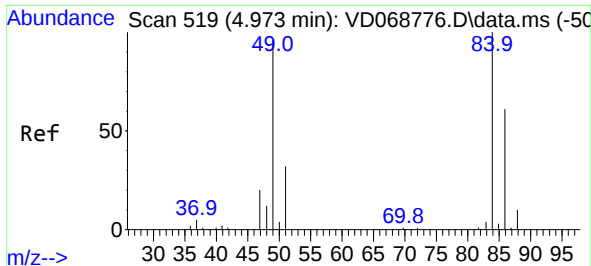
Tgt Ion:168 Resp: 118356
Ion Ratio Lower Upper
168 100
99 51.2 46.2 69.2



#16
Acetone
Concen: 58.96 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

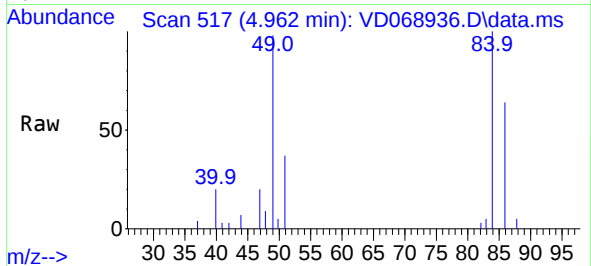
Tgt Ion: 43 Resp: 10213
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0



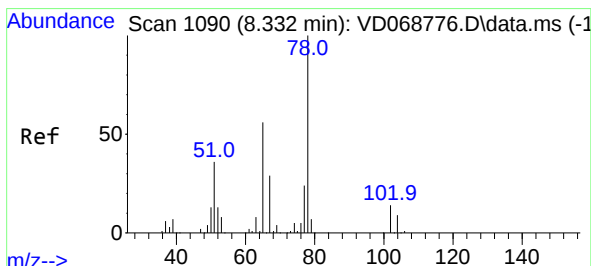
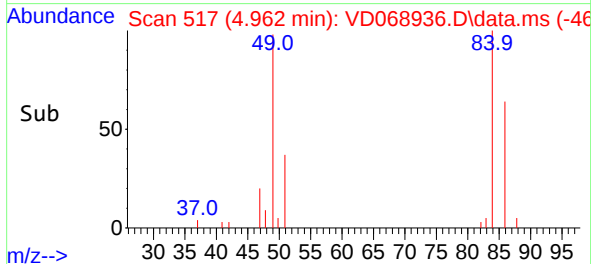
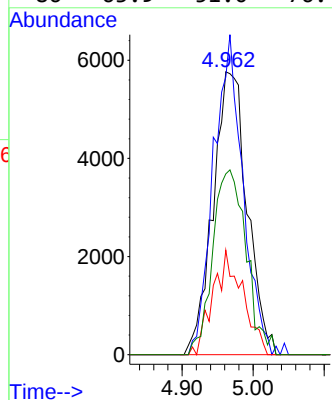


#20
Methylene Chloride
Concen: 9.88 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

Instrument :
MSVOA_D
ClientSampleId :
SB-27-9.5-10.0

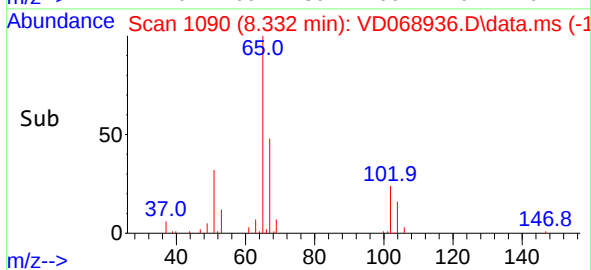
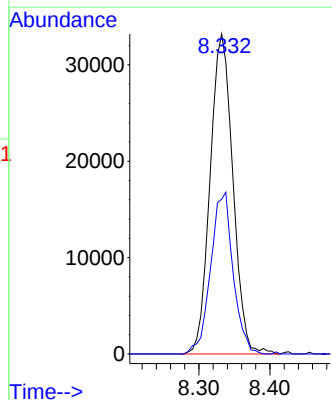
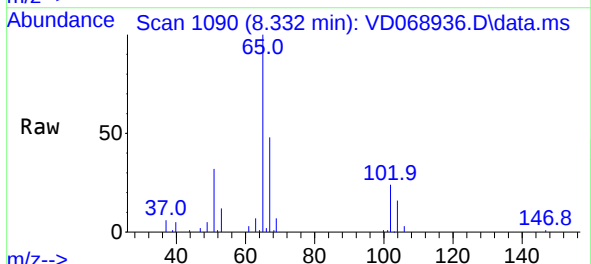


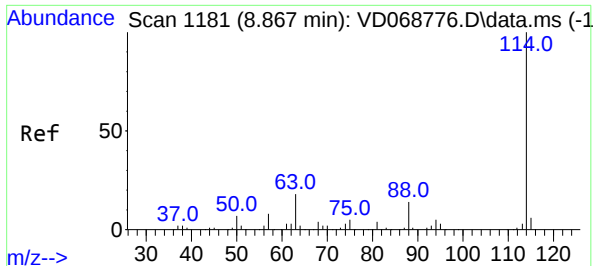
Tgt Ion: 84 Resp: 19284
Ion Ratio Lower Upper
84 100
49 98.2 83.4 125.0
51 36.9 23.4 35.2#
86 63.9 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 59.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

Tgt Ion: 65 Resp: 73863
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.0

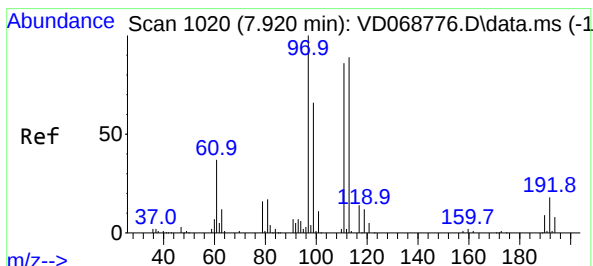
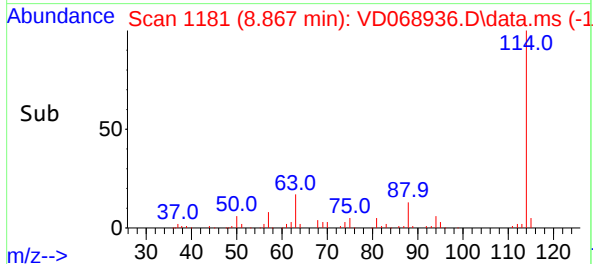
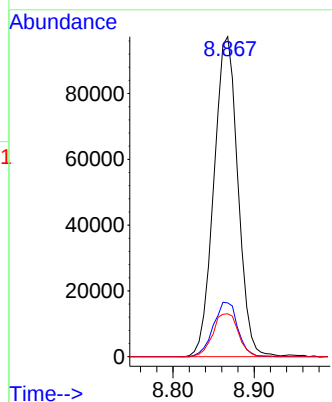
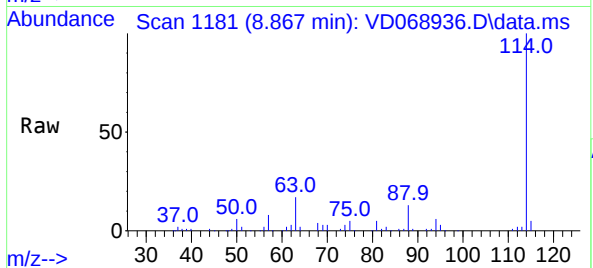




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

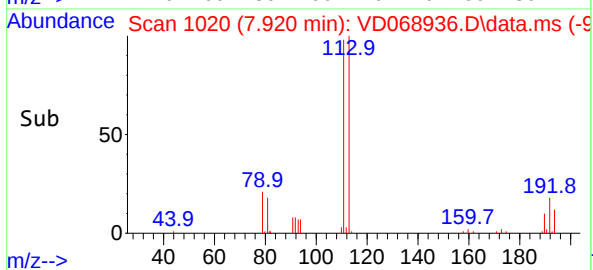
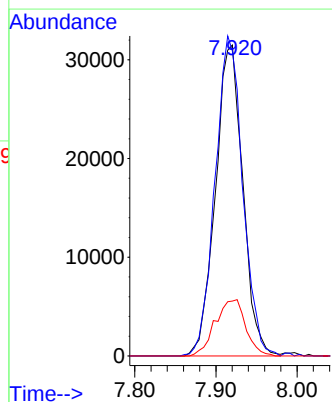
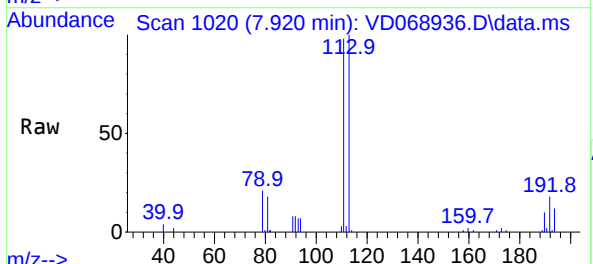
Instrument :
MSVOA_D
ClientSampled :
SB-27-9.5-10.0

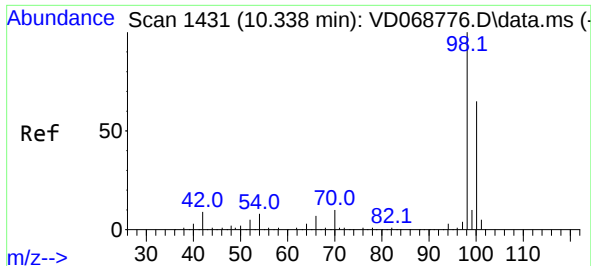
Tgt Ion:114 Resp: 199874
Ion Ratio Lower Upper
114 100
63 16.8 0.0 38.2
88 13.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 56.85 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

Tgt Ion:113 Resp: 73913
Ion Ratio Lower Upper
113 100
111 103.6 82.5 123.7
192 20.1 15.1 22.7

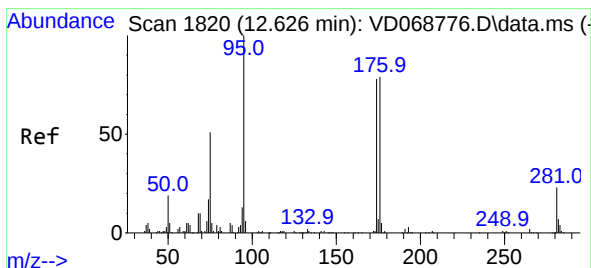
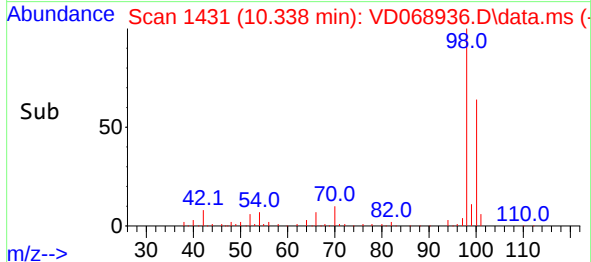
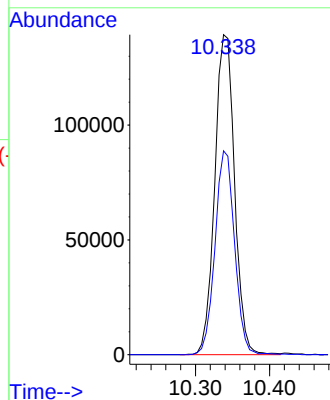
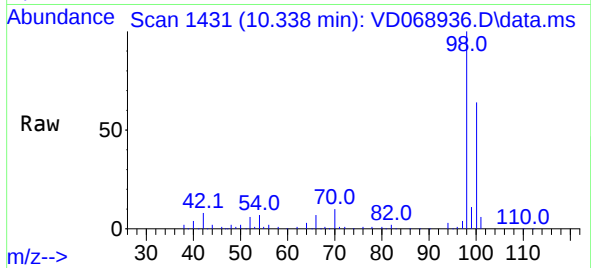




#50
Toluene-d8
Concen: 52.77 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

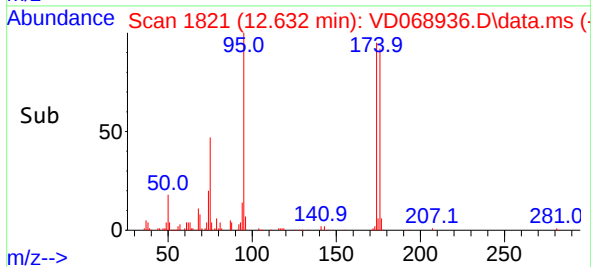
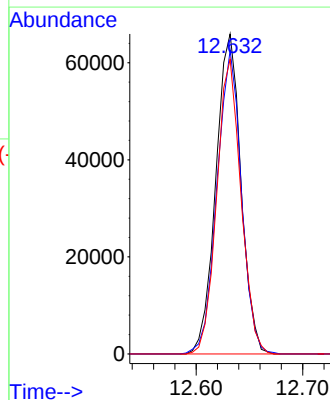
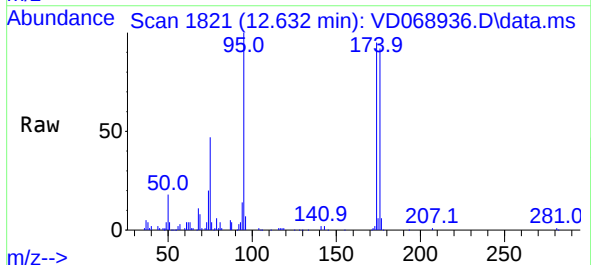
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ClientSampleId :
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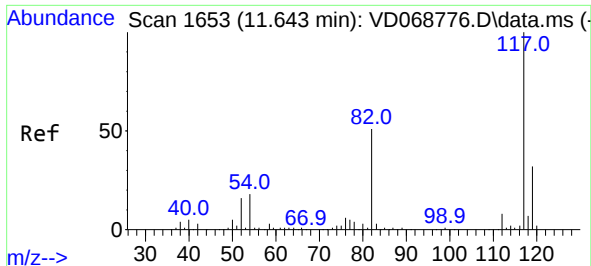
Tgt Ion: 98 Resp: 258784
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

Tgt Ion: 95 Resp: 107640
Ion Ratio Lower Upper
95 100
174 92.1 0.0 168.0
176 88.8 0.0 160.2

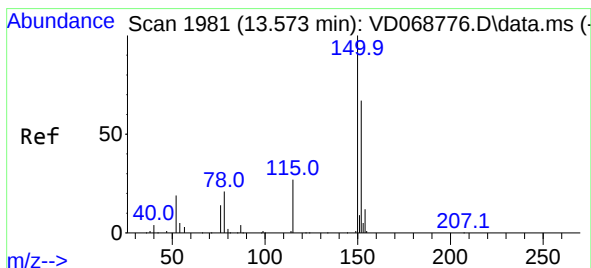
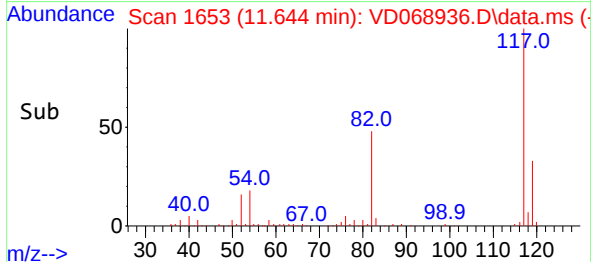
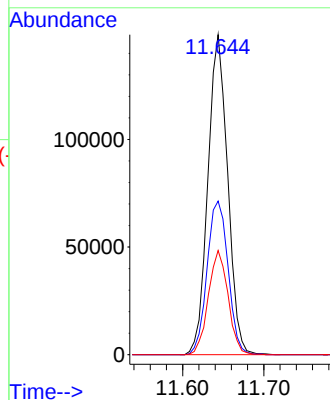
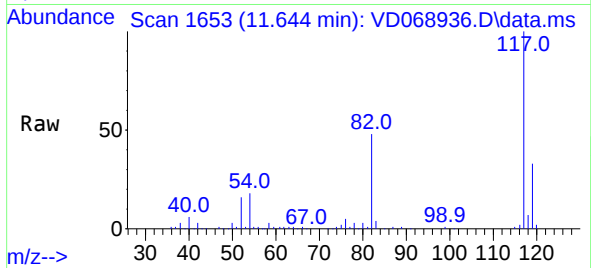




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068936.D
Acq: 21 Apr 2021 19:36

Instrument :
MSVOA_D
ClientSampleId :
SB-27-9.5-10.0

Tgt Ion:	117	Resp:	251568
Ion Ratio	Lower	Upper	
117	100		
82	48.0	43.5	65.3
119	32.6	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: VD068936.D
Acq: 21 Apr 2021 19:36

Tgt Ion:	152	Resp:	133207
Ion Ratio	Lower	Upper	
152	100		
115	57.1	29.3	87.8
150	156.5	0.0	347.6

