

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068900.D
 Acq On : 19 Apr 2021 15:37
 Operator : VA/SY
 Sample : M2077-01
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-14.5-15.0

Quant Time: Apr 20 00:53:12 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)

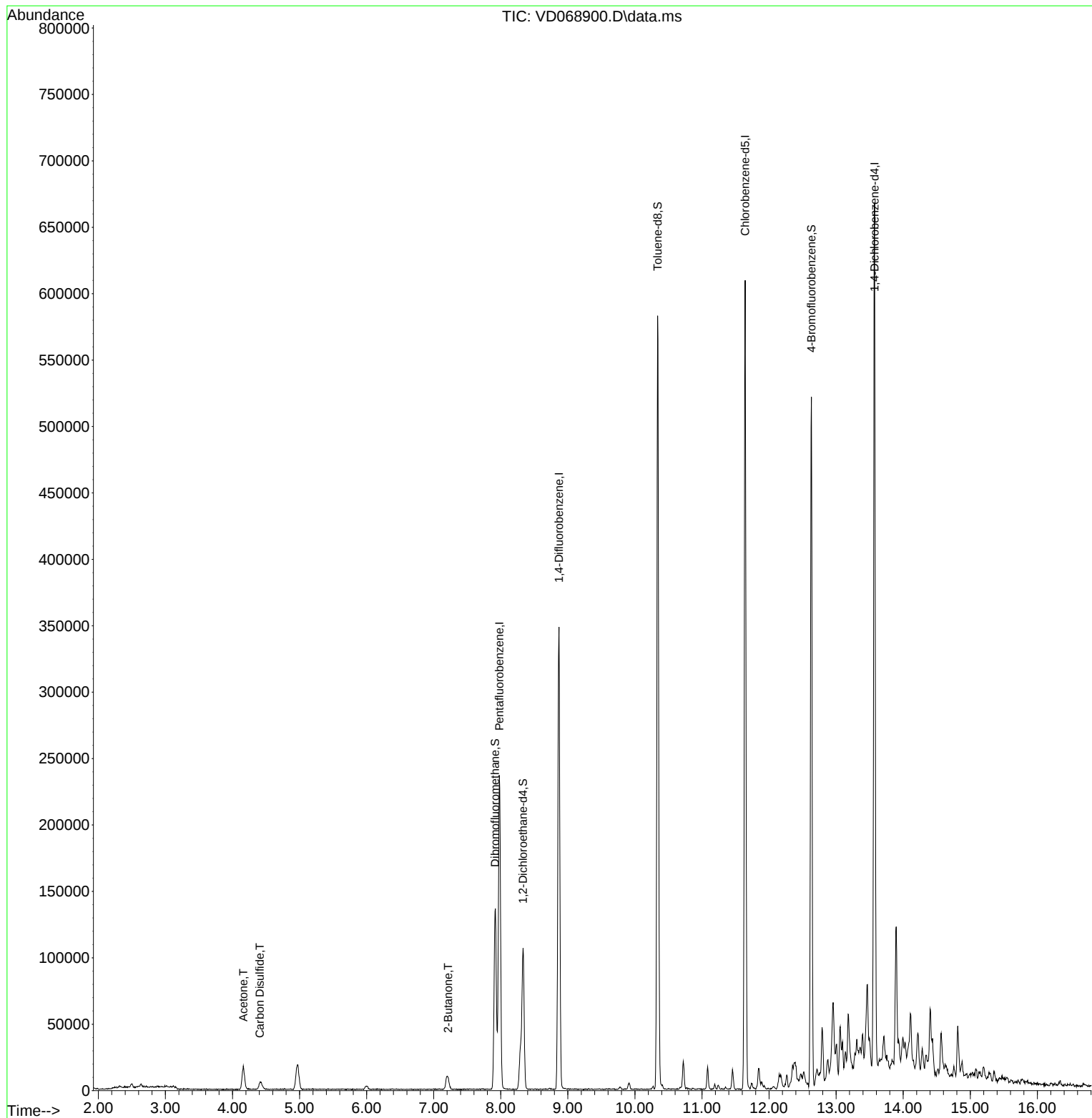
Internal Standards						
1) Pentafluorobenzene	7.979	168	182598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	320889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	359805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	181942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	82683	42.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.70%			
35) Dibromofluoromethane	7.914	113	99816	47.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.64%			
50) Toluene-d8	10.338	98	411487	52.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.52%			
62) 4-Bromofluorobenzene	12.632	95	164943	63.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.14%			
Target Compounds						
16) Acetone	4.162	43	28268	105.78	ug/l	90
17) Carbon Disulfide	4.409	76	11276	1.91	ug/l	96
25) 2-Butanone	7.214	43	8488	22.45	ug/l	90

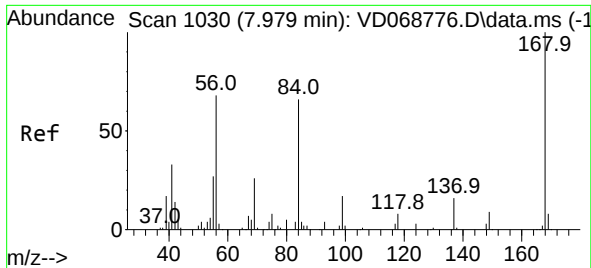
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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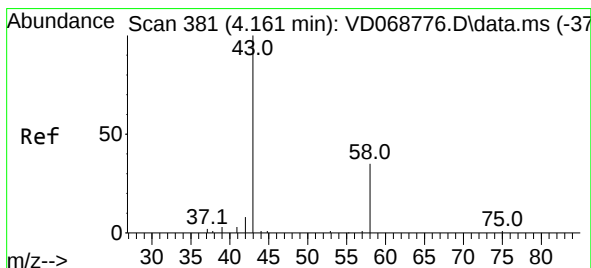
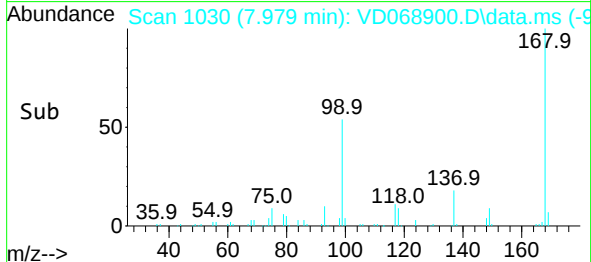
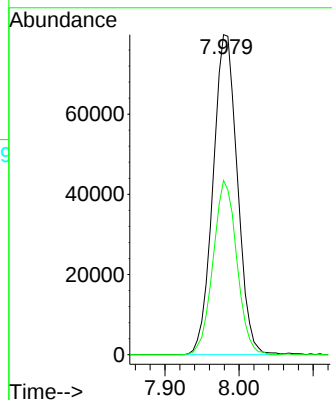
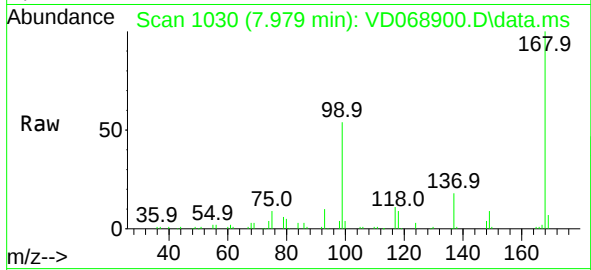




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

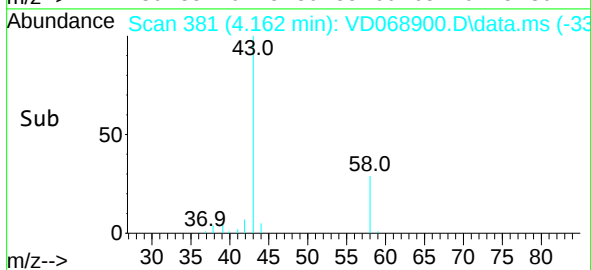
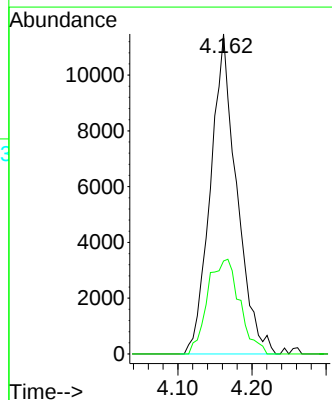
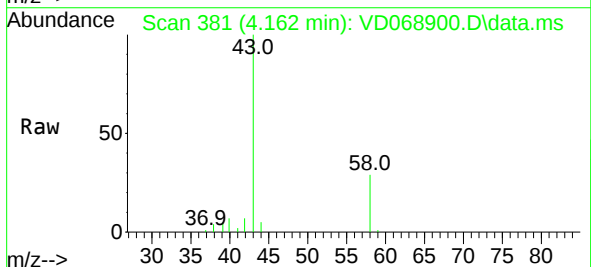
Instrument :
MSVOA_D
ClientSampleId :
SB-19-14.5-15.0

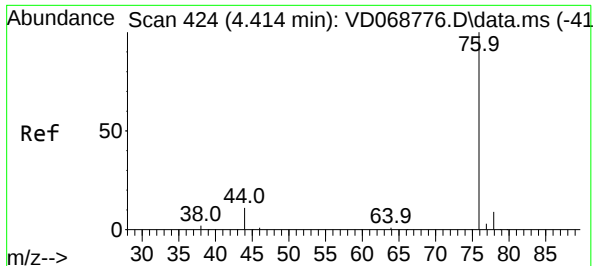
Tgt Ion:168 Resp: 182598
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#16
Acetone
Concen: 105.78 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

Tgt Ion: 43 Resp: 28268
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0

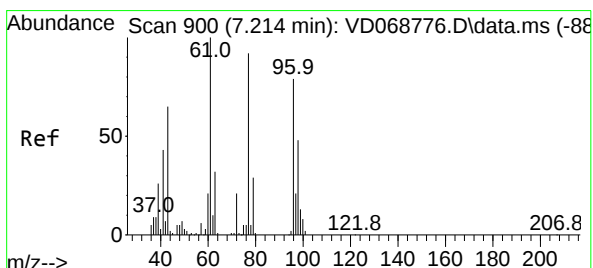
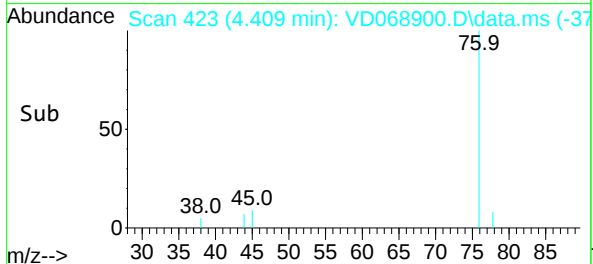
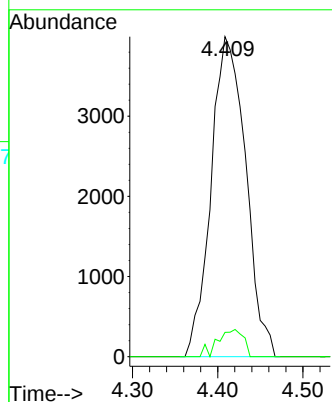
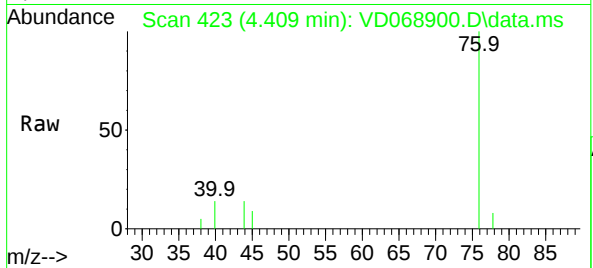




#17
Carbon Disulfide
Concen: 1.91 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

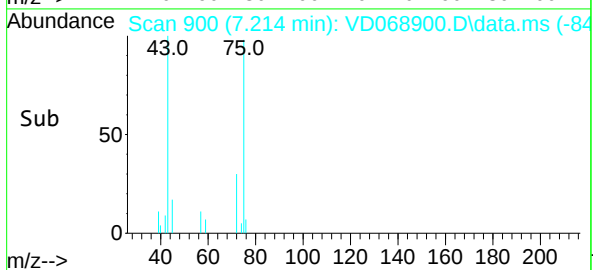
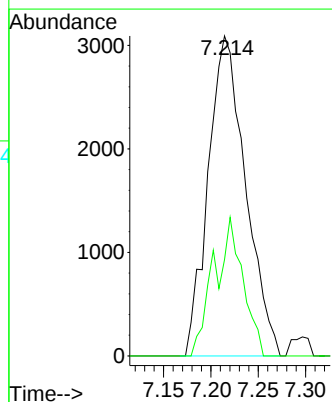
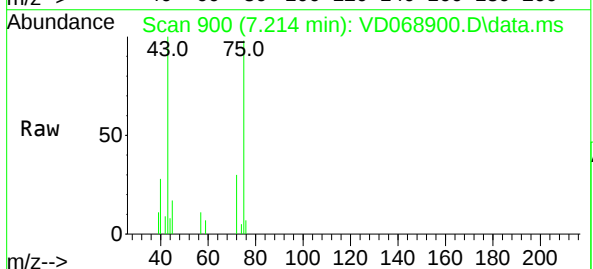
Instrument :
MSVOA_D
ClientSampleId :
SB-19-14.5-15.0

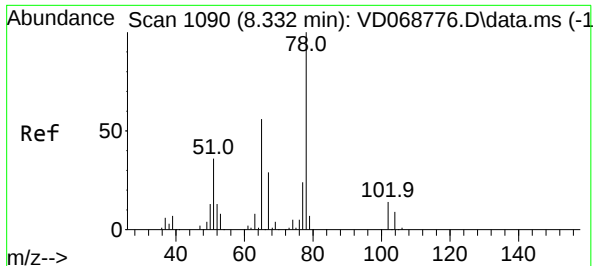
Tgt Ion: 76 Resp: 11276
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9



#25
2-Butanone
Concen: 22.45 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
72 30.1 28.6 43.0

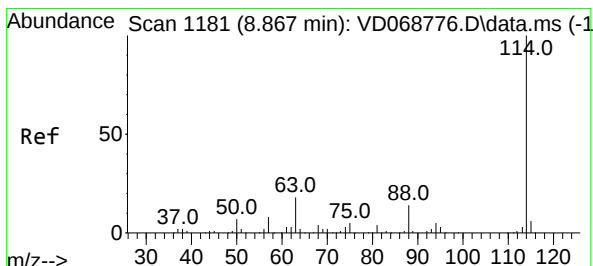
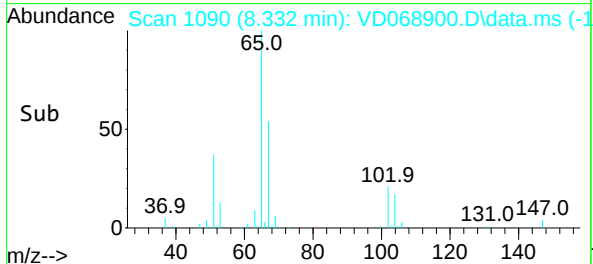
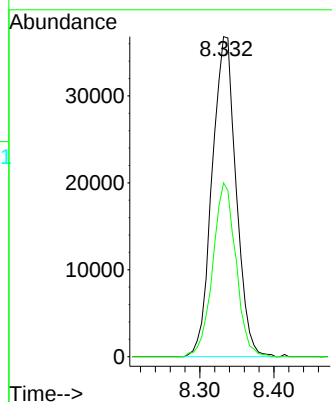
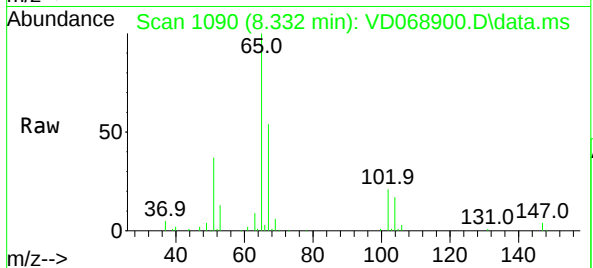




#33
1,2-Dichloroethane-d4
Concen: 42.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

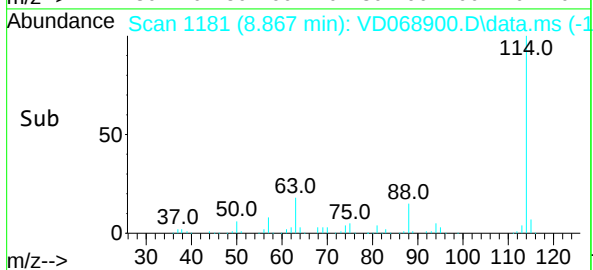
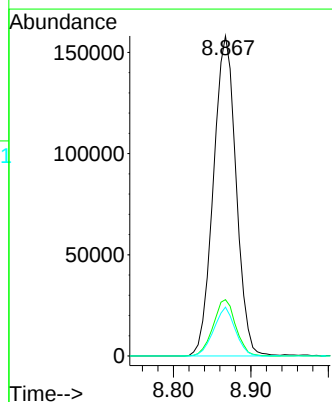
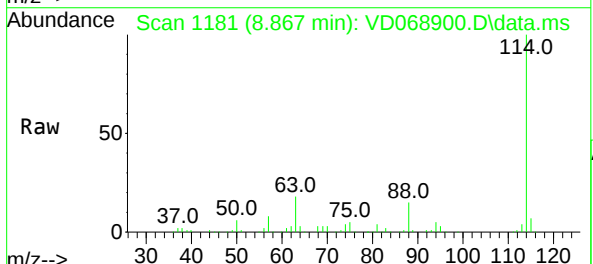
Instrument :
MSVOA_D
ClientSampleId :
SB-19-14.5-15.0

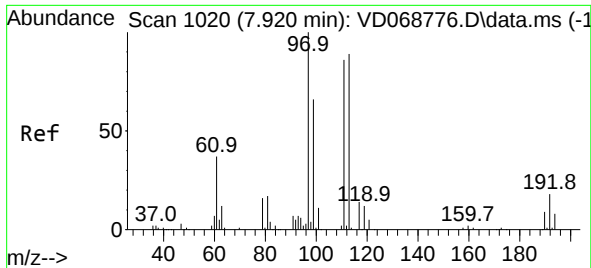
Tgt Ion: 65 Resp: 82683
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

Tgt Ion: 114 Resp: 320889
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.2
88 15.2 0.0 29.4

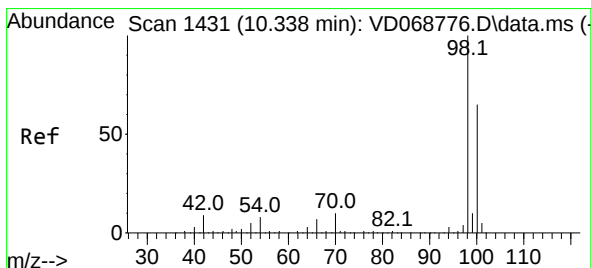
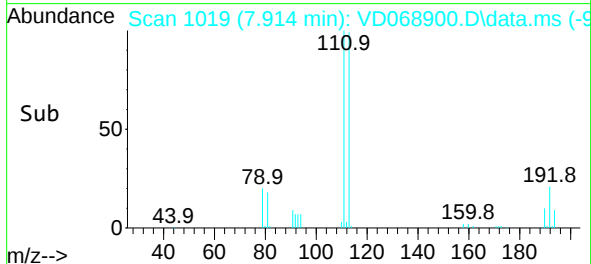
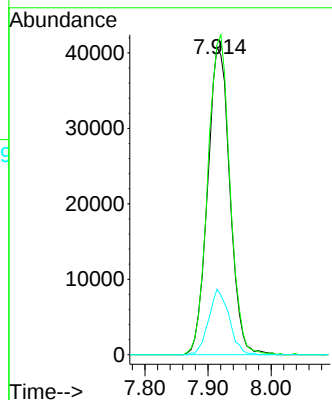
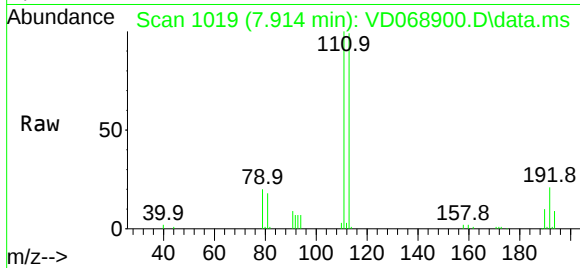




#35
Dibromofluoromethane
Concen: 47.82 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

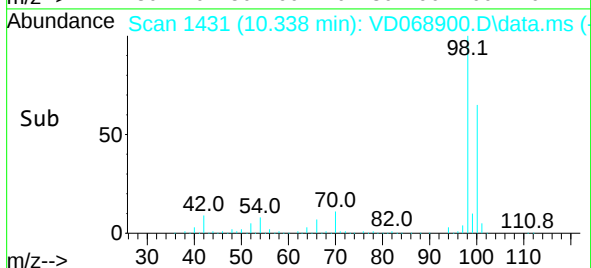
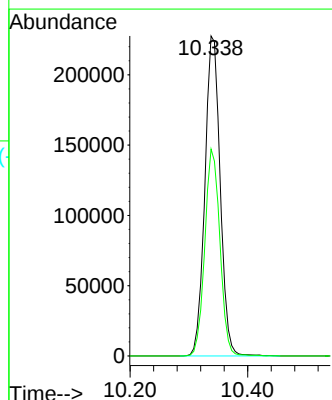
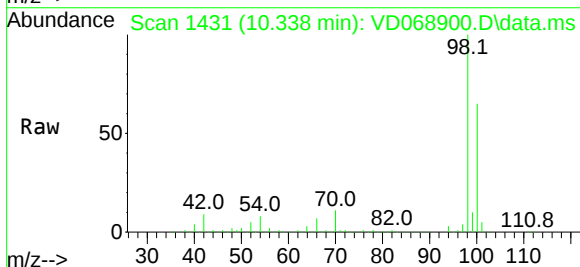
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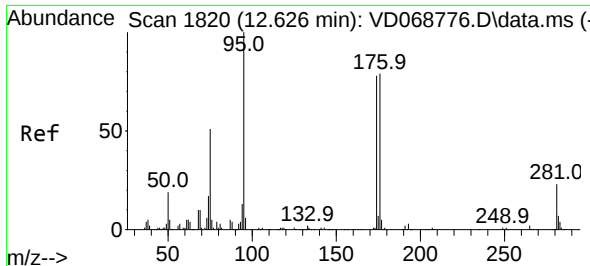
Tgt Ion:113 Resp: 99816
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 19.5 15.1 22.7



#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

Tgt Ion: 98 Resp: 411487
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

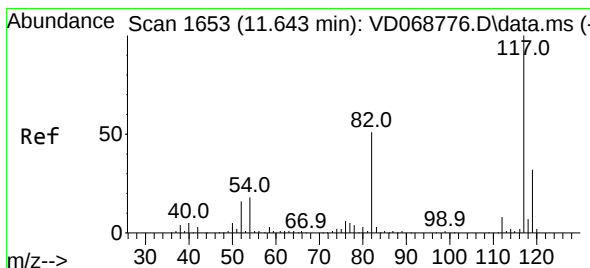
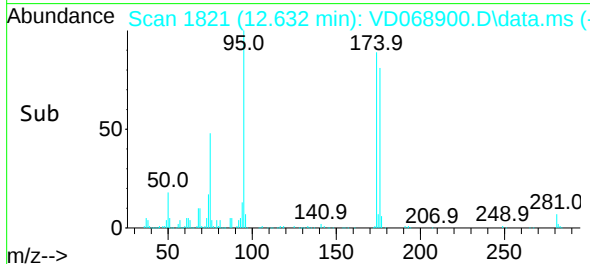
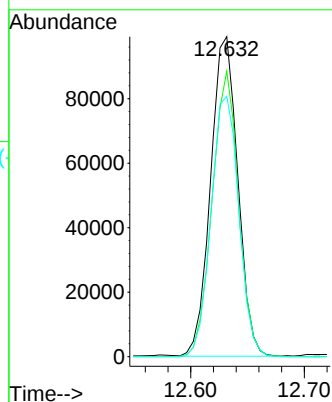
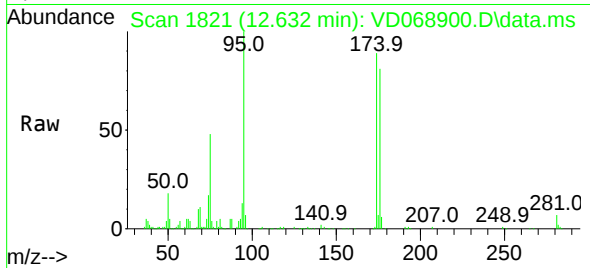




#62
4-Bromofluorobenzene
Concen: 63.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

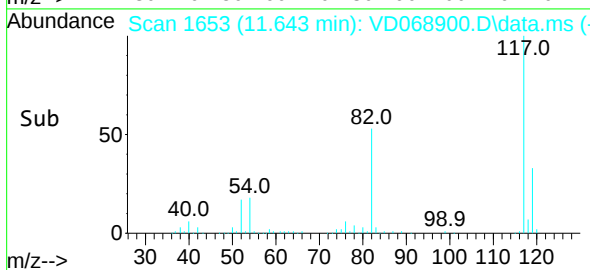
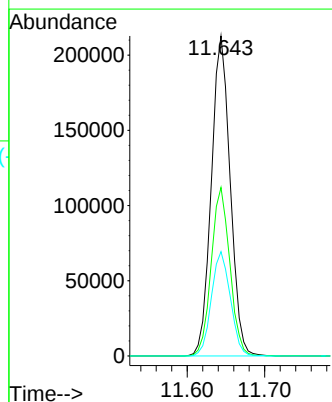
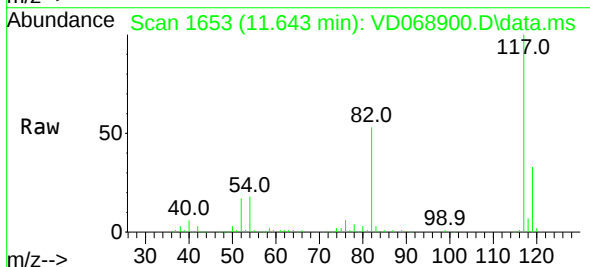
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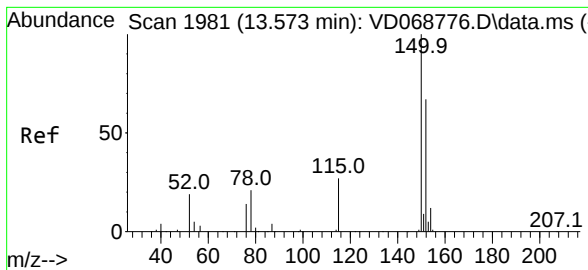
Tgt Ion: 95 Resp: 164943
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.0
176 83.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068900.D
Acq: 19 Apr 2021 15:37

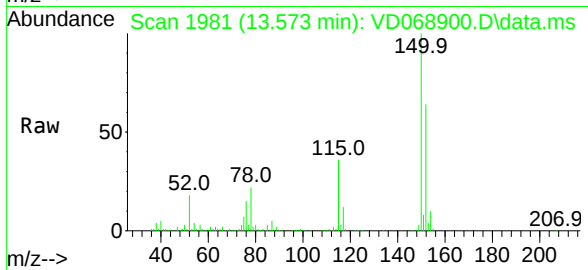
Tgt Ion: 117 Resp: 359805
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.6 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068900.D
 Acq: 19 Apr 2021 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-14.5-15.0



Tgt Ion:152 Resp: 181942
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.3 87.8
 150 157.1 0.0 347.6

