

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068905.D
 Acq On : 19 Apr 2021 17:59
 Operator : VA/SY
 Sample : M2077-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21-14.5-15.0

Quant Time: Apr 20 00:54:29 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)

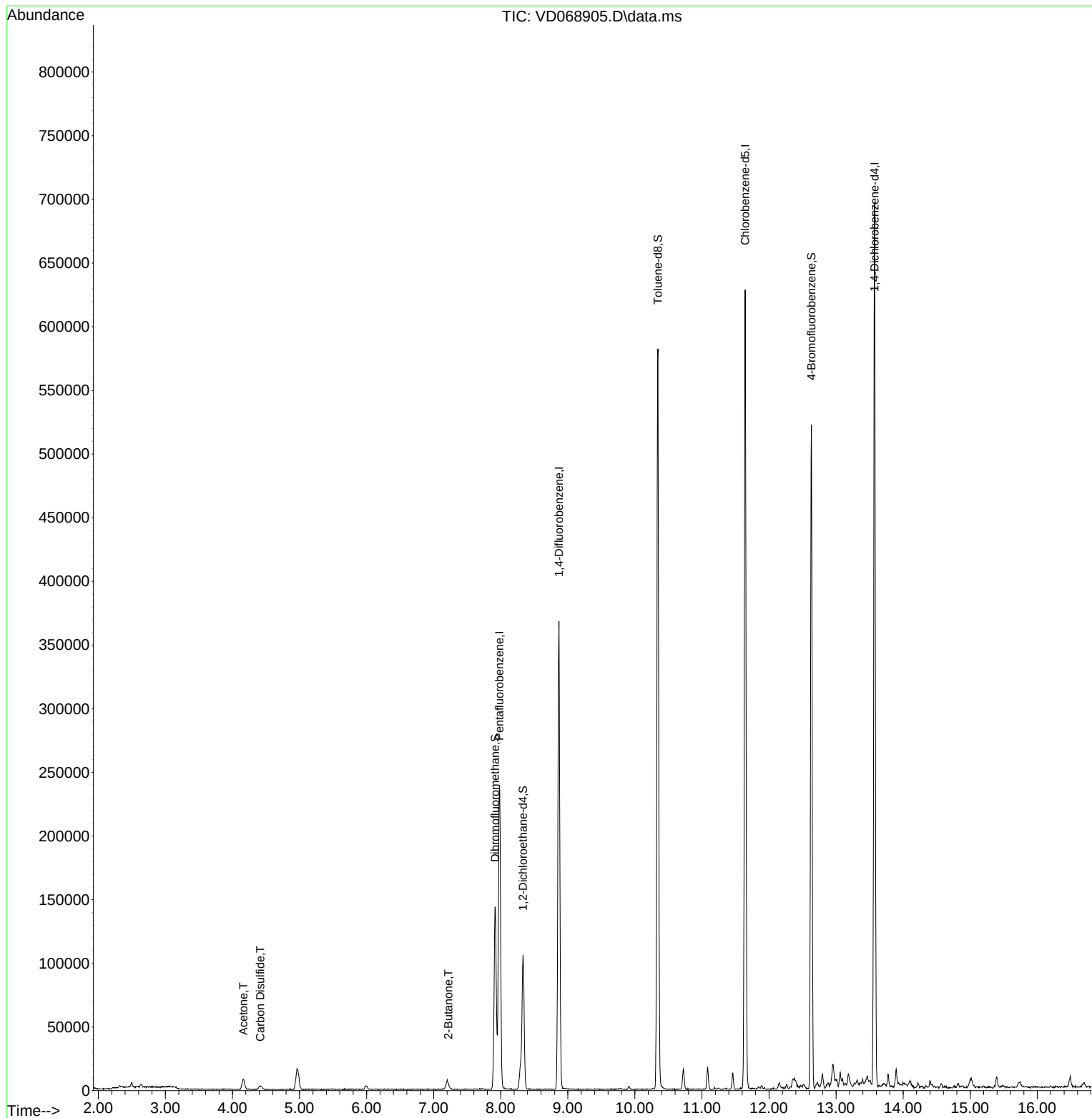
Internal Standards						
1) Pentafluorobenzene	7.979	168	190567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	332216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	376191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	187498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	81030	40.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.46%
35) Dibromofluoromethane	7.914	113	103790	48.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.06%
50) Toluene-d8	10.344	98	425690	52.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.44%
62) 4-Bromofluorobenzene	12.632	95	168329	62.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.36%
Target Compounds						
16) Acetone	4.162	43	14322	51.35	ug/l	98
17) Carbon Disulfide	4.415	76	6320	1.02	ug/l	96
25) 2-Butanone	7.220	43	4831	12.24	ug/l	100

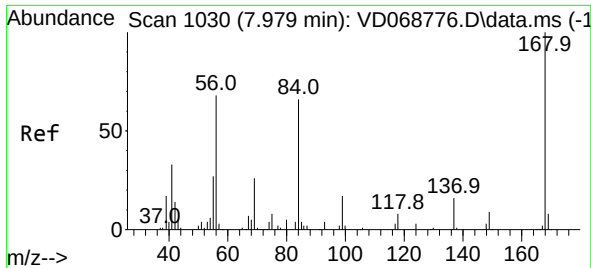
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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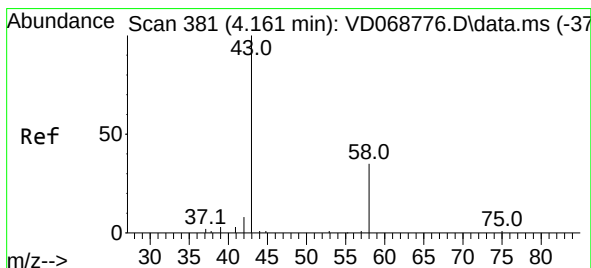
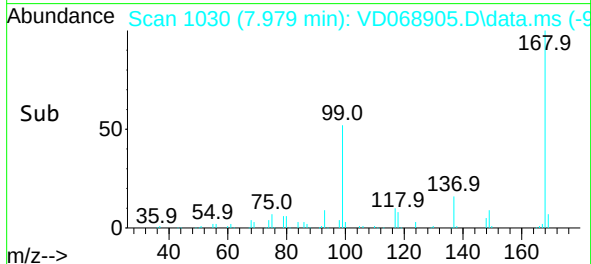
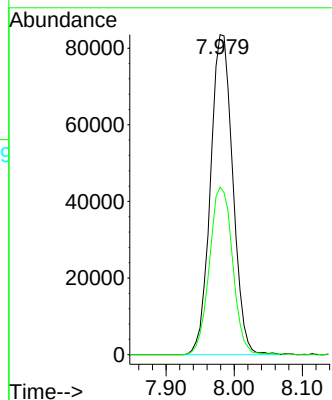
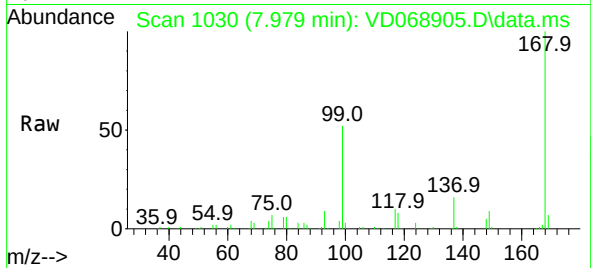




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

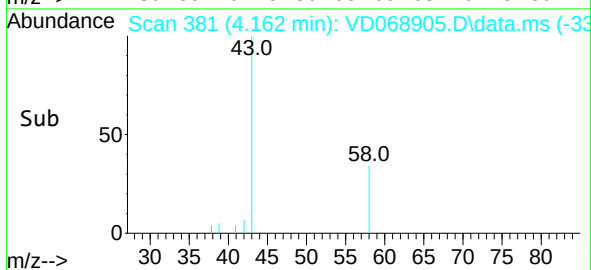
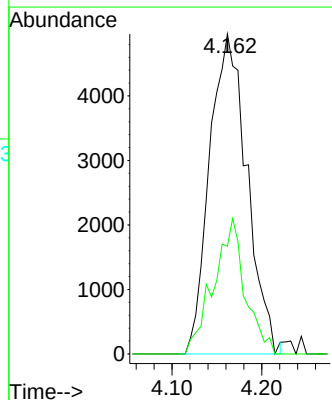
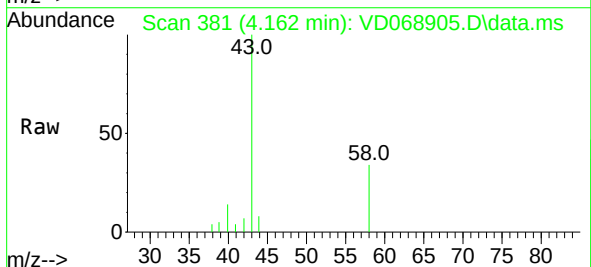
Instrument :
MSVOA_D
ClientSampleId :
SB-21-14.5-15.0

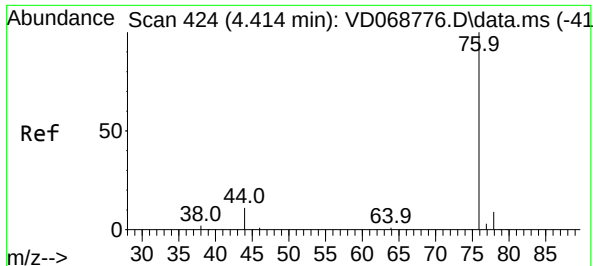
Tgt Ion:168 Resp: 190567
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#16
Acetone
Concen: 51.35 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

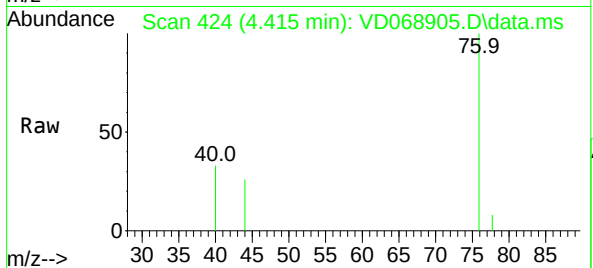
Tgt Ion: 43 Resp: 14322
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0



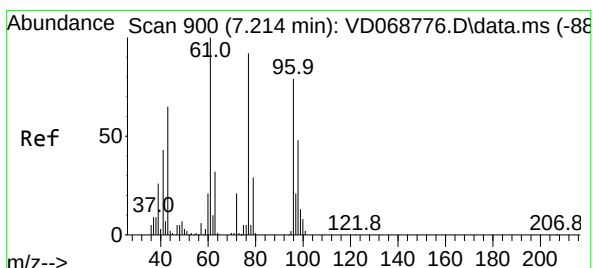
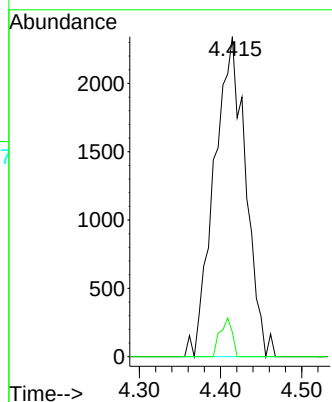
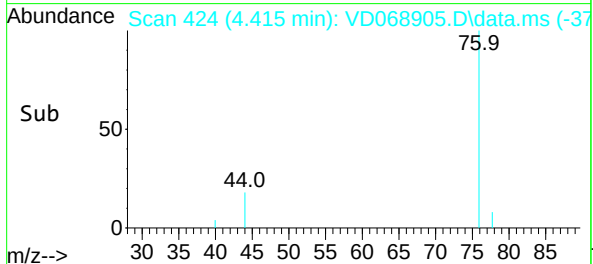


#17
Carbon Disulfide
Concen: 1.02 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

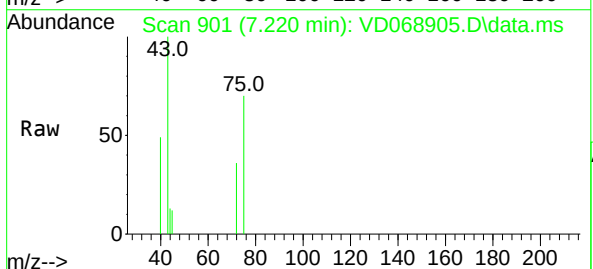
Instrument :
MSVOA_D
ClientSampleId :
SB-21-14.5-15.0



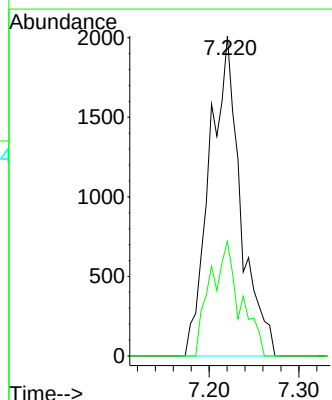
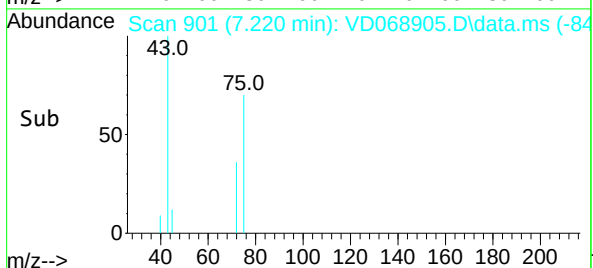
Tgt Ion: 76 Resp: 6320
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9

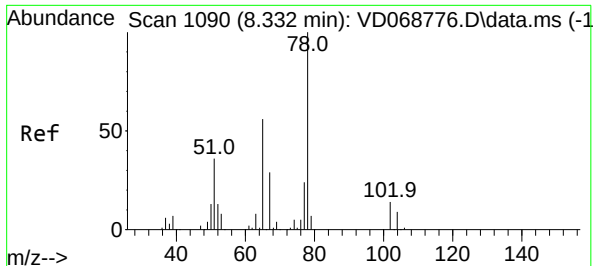


#25
2-Butanone
Concen: 12.24 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59



Tgt Ion: 43 Resp: 4831
Ion Ratio Lower Upper
43 100
72 35.9 28.6 43.0

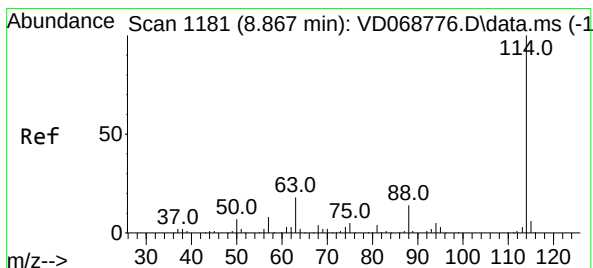
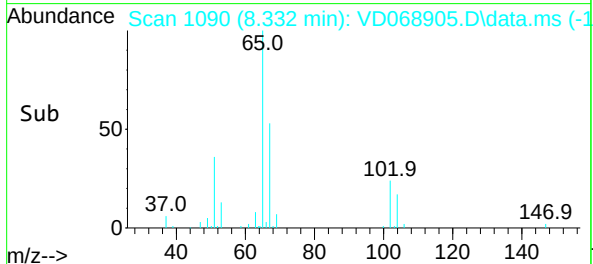
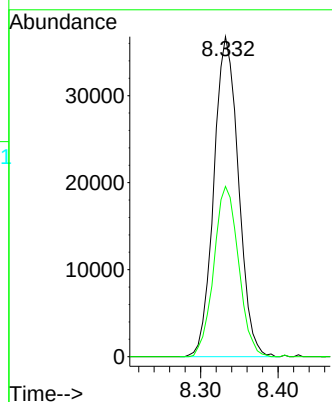
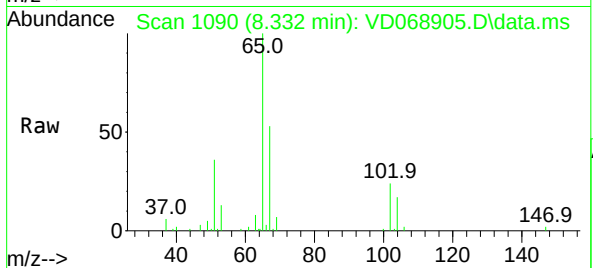




#33
1,2-Dichloroethane-d4
Concen: 40.23 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

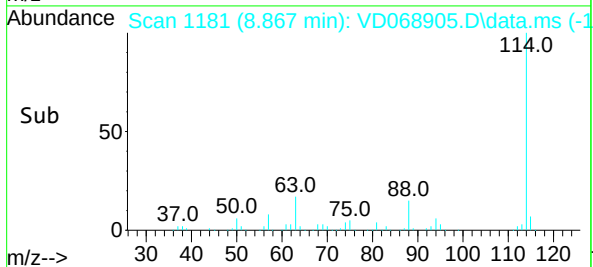
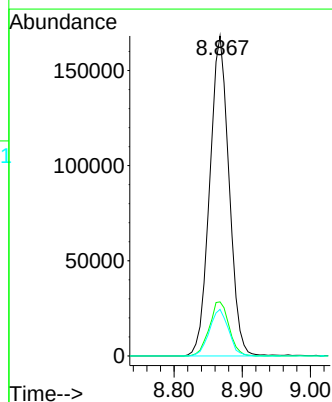
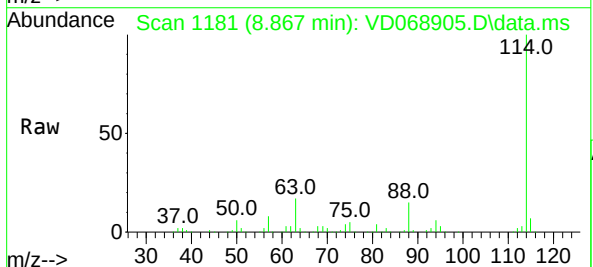
Instrument :
MSVOA_D
ClientSampleId :
SB-21-14.5-15.0

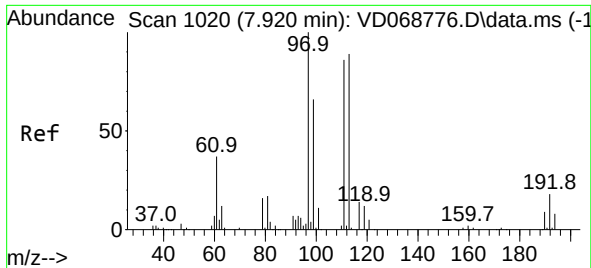
Tgt Ion: 65 Resp: 81030
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

Tgt Ion: 114 Resp: 332216
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.03 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068905.D

Acq: 19 Apr 2021 17:59

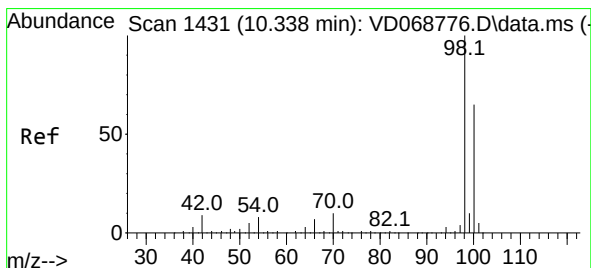
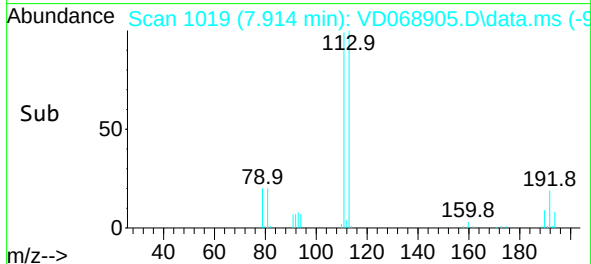
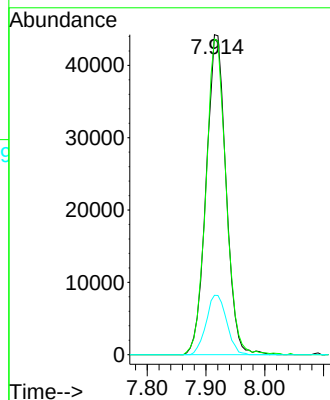
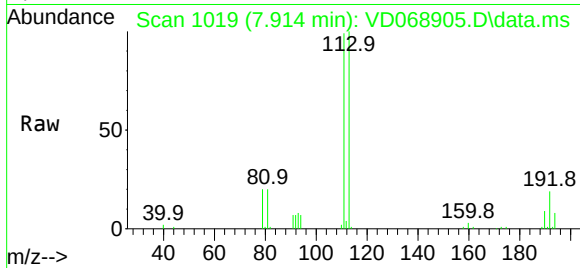
Tgt Ion:113 Resp: 103790

Ion Ratio Lower Upper

113 100

111 100.2 82.5 123.7

192 19.1 15.1 22.7



#50

Toluene-d8

Concen: 52.22 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VD068905.D

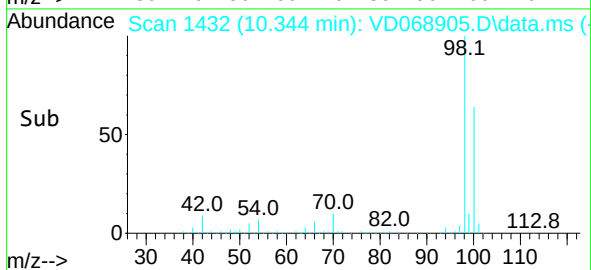
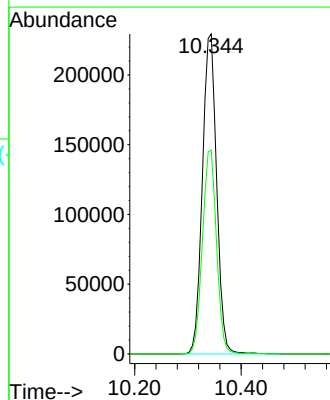
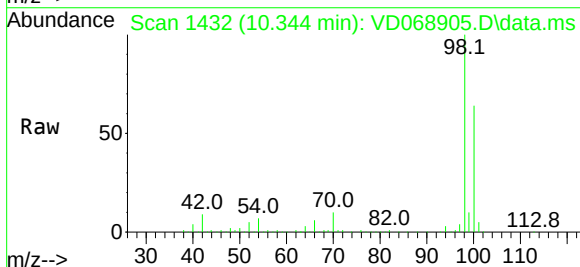
Acq: 19 Apr 2021 17:59

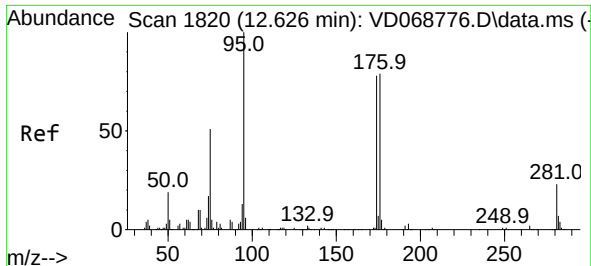
Tgt Ion: 98 Resp: 425690

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.6

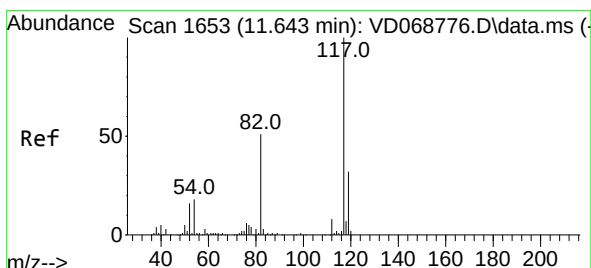
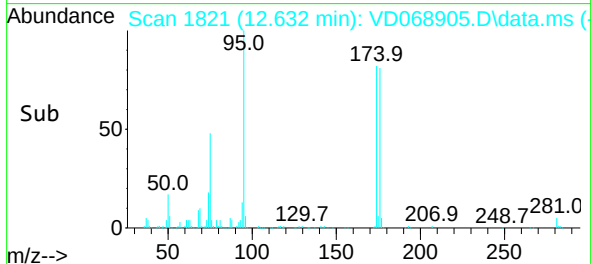
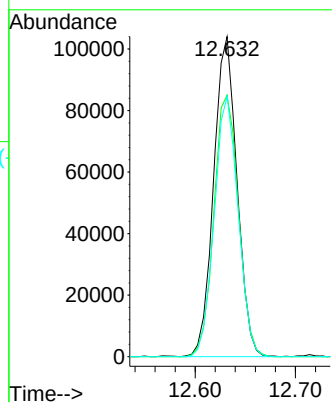
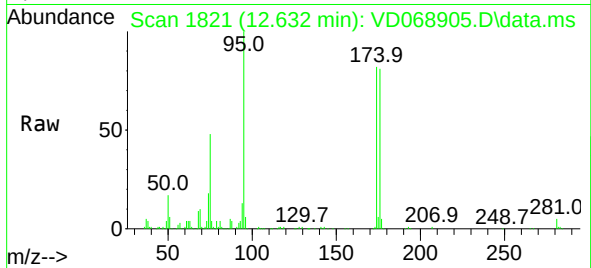




#62
4-Bromofluorobenzene
Concen: 62.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

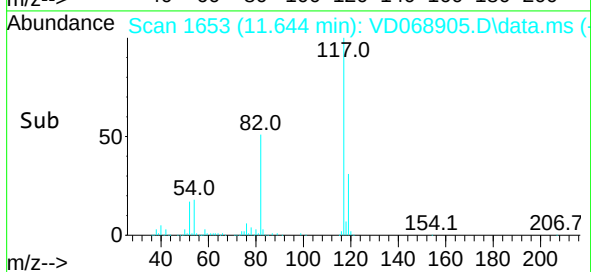
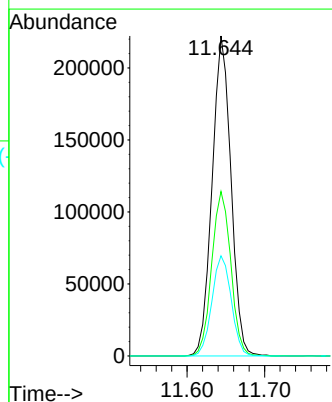
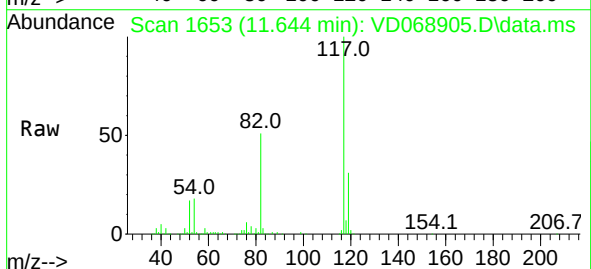
Instrument :
MSVOA_D
ClientSampleId :
SB-21-14.5-15.0

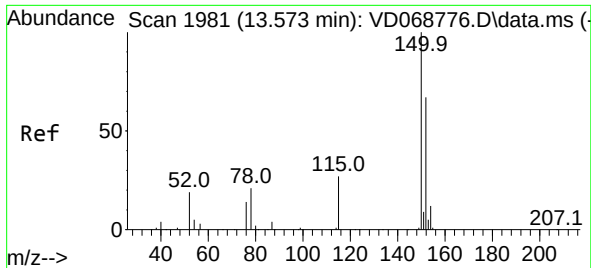
Tgt Ion: 95 Resp: 168329
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 82.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068905.D
Acq: 19 Apr 2021 17:59

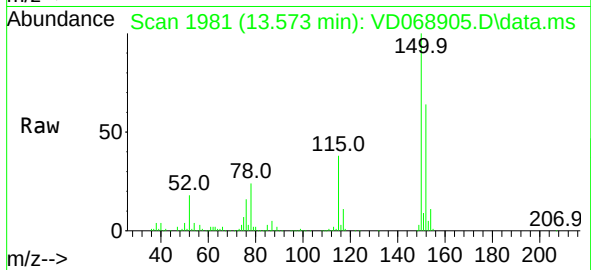
Tgt Ion: 117 Resp: 376191
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 31.3 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068905.D
 Acq: 19 Apr 2021 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21-14.5-15.0



Tgt Ion:152 Resp: 187498
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.3 87.8
 150 157.3 0.0 347.6

