

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067726.D
 Acq On : 20 Nov 2020 15:53
 Operator : VA/SY
 Sample : L4809-11
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-CON-F

Quant Time: Nov 21 01:13:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	259663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	405077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	431081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234870	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	114157	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	7.92	113	121102	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.34	98	467797	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.64	95	193358	65.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.60%	

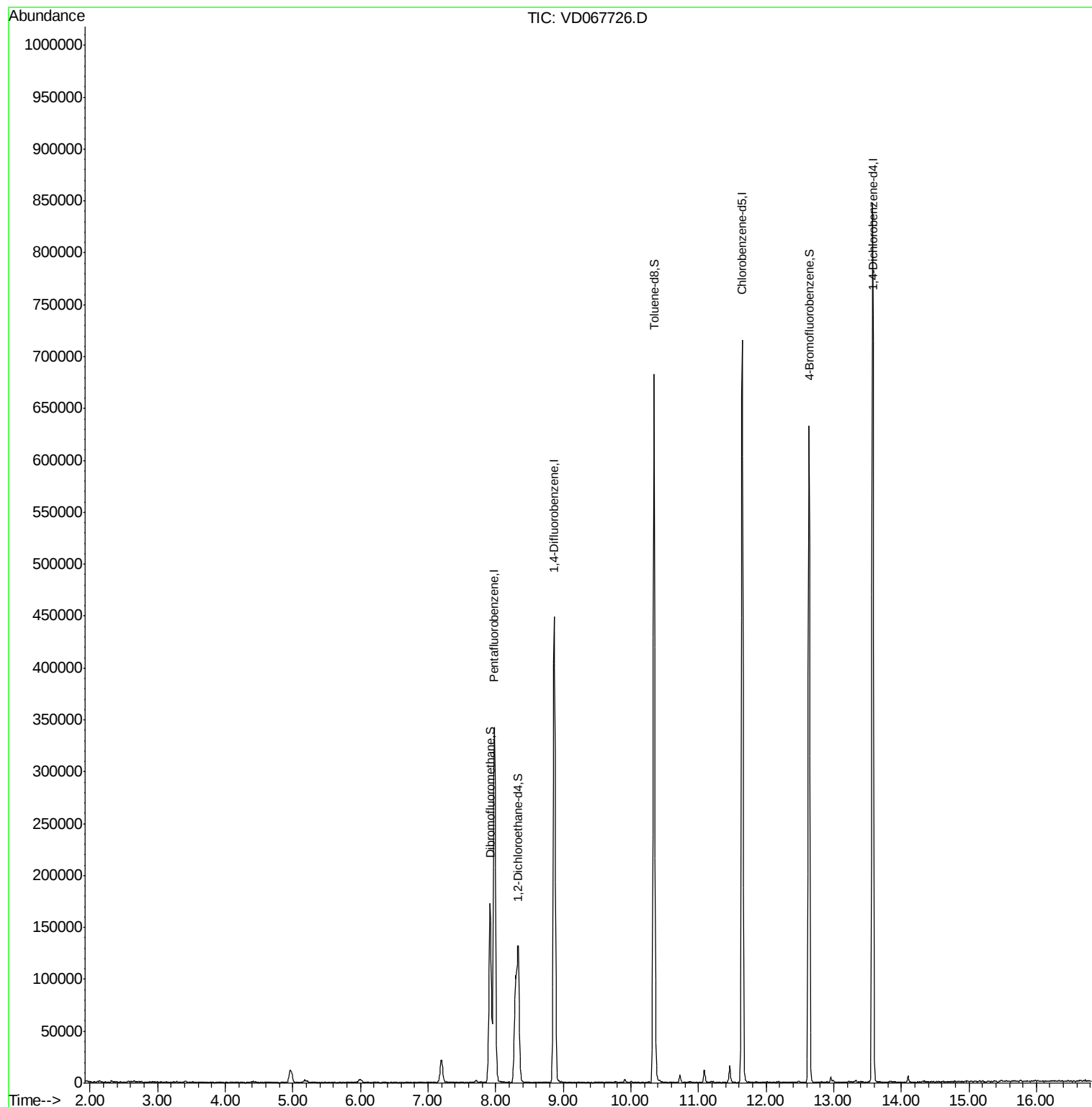
Target Compounds	Qvalue

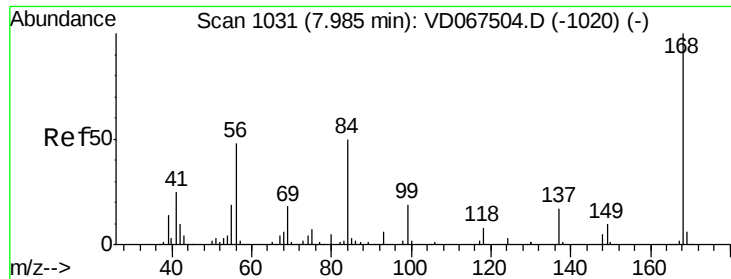
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067726.D

Acq: 20 Nov 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

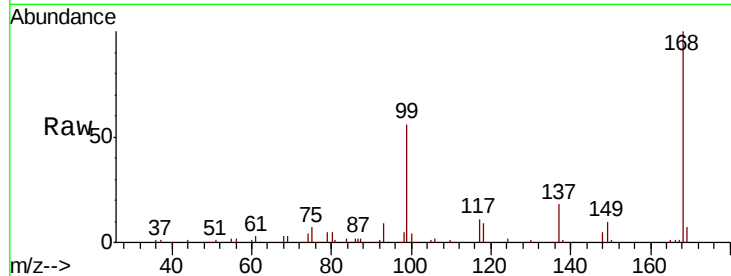
MS-CON-F

Tot Ion:168 Resp: 259663

Ion Ratio Lower Upper

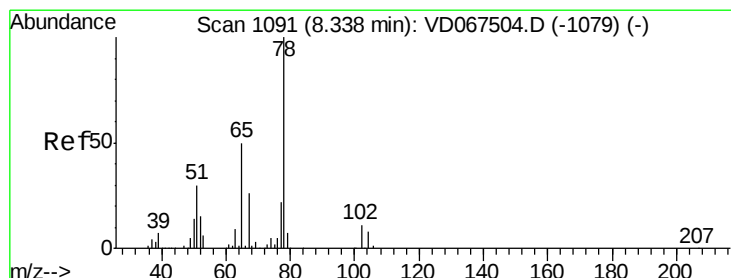
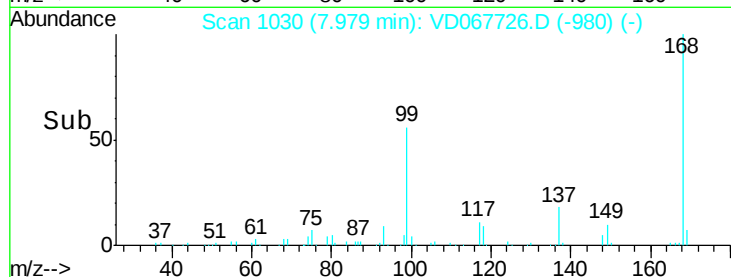
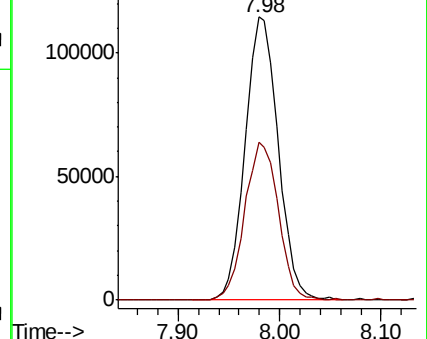
168 100

99 55.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.279 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067726.D

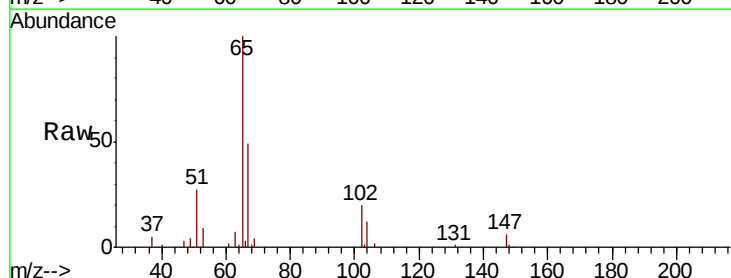
Acq: 20 Nov 2020 15:53

Tgt Ion: 65 Resp: 114157

Ion Ratio Lower Upper

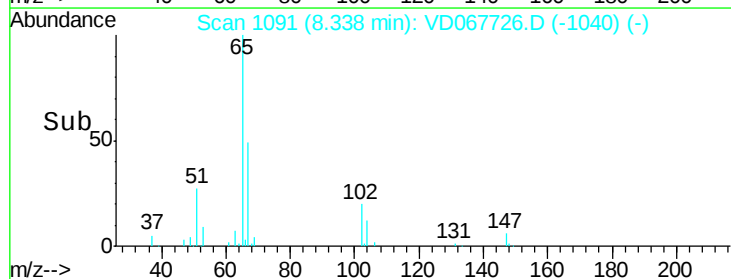
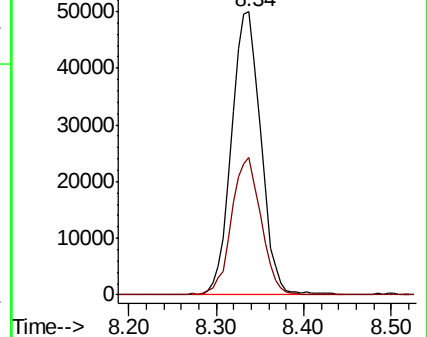
65 100

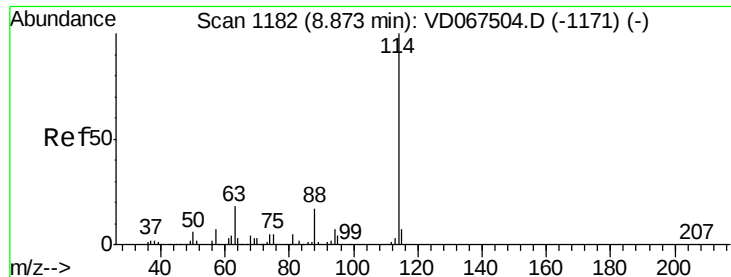
67 48.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

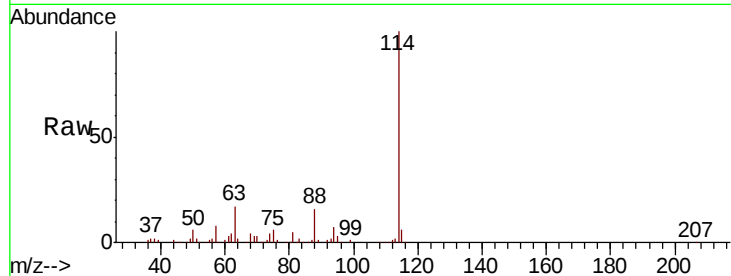




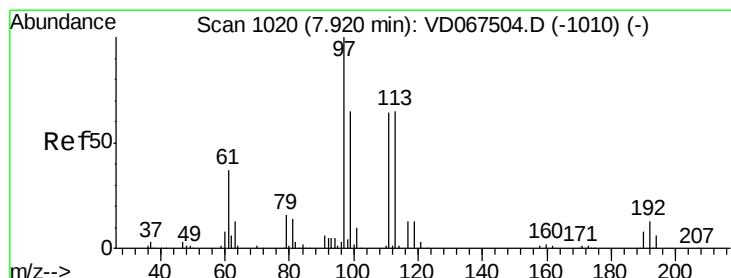
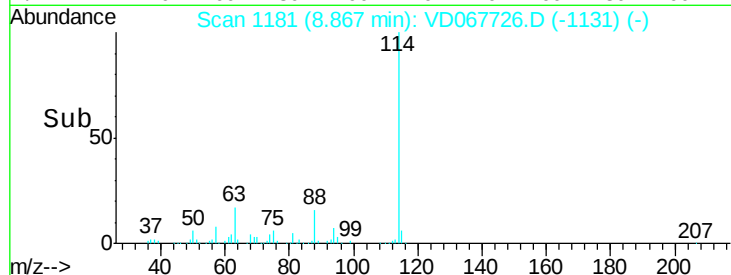
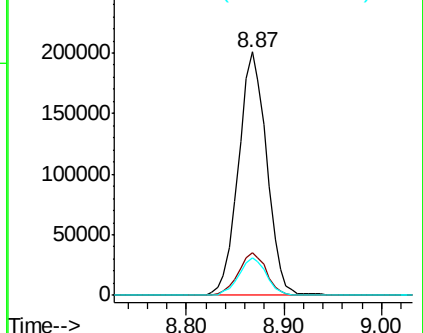
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067726.D
Acq: 20 Nov 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
MS-CON-F

Tot Ion:114 Resp: 405077
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 15.6 0.0 33.0

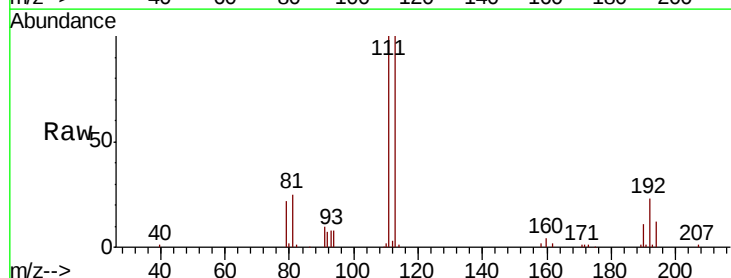


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

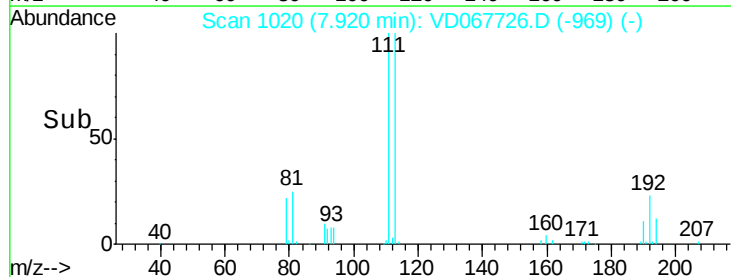
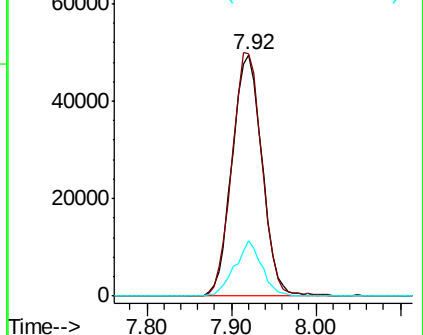


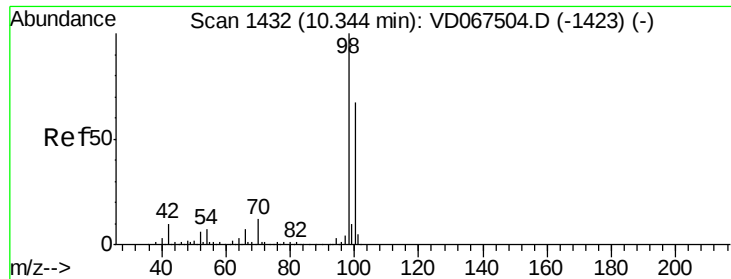
#35
Dibromofluoromethane
Concen: 49.620 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067726.D
Acq: 20 Nov 2020 15:53

Tgt Ion:113 Resp: 121102
Ion Ratio Lower Upper
113 100
111 101.1 80.0 120.0
192 20.5 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

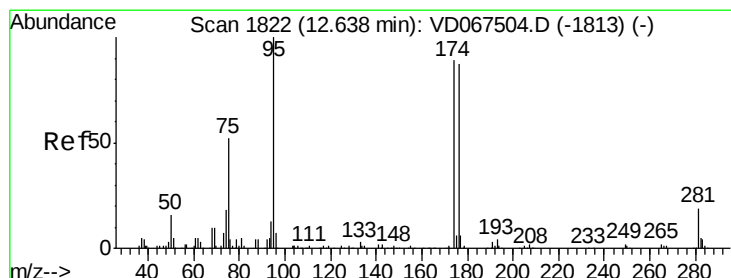
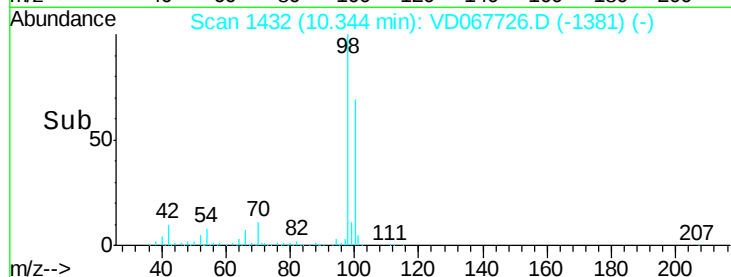
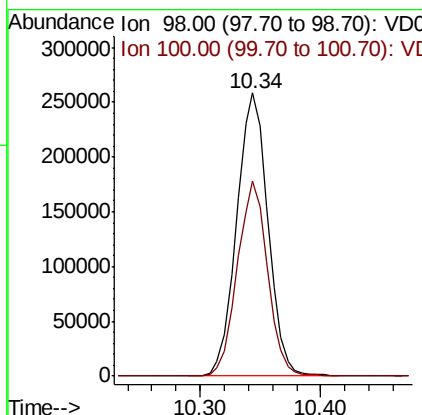
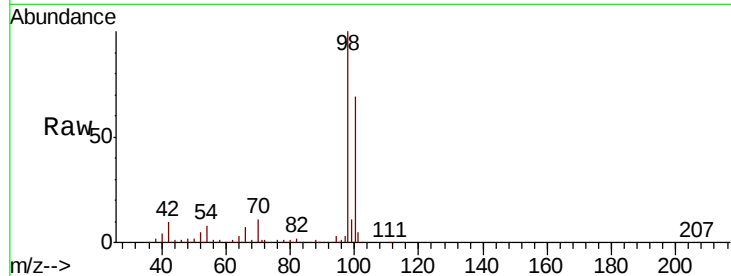




#50
Toluene-d8
Concen: 54.542 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067726.D
Acq: 20 Nov 2020 15:53

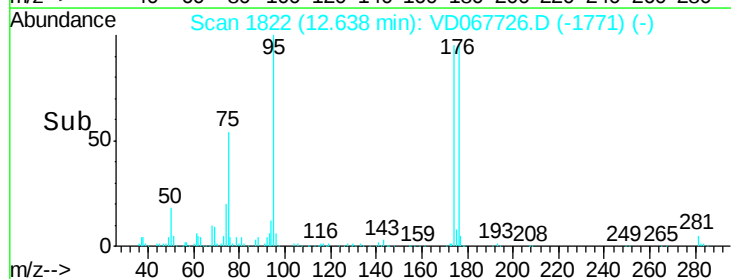
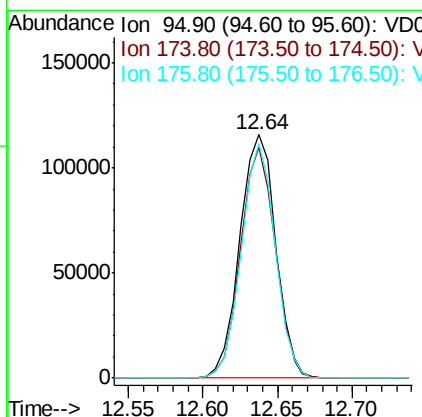
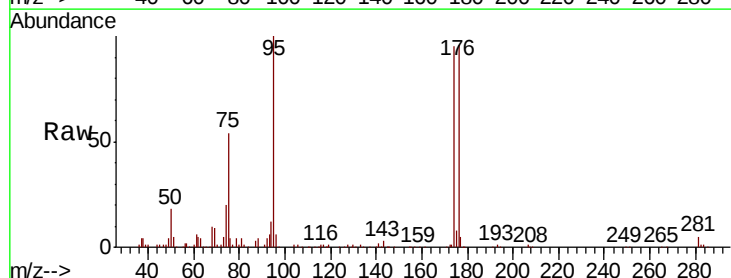
Instrument :
MSVOA_D
ClientSampleId :
MS-CON-F

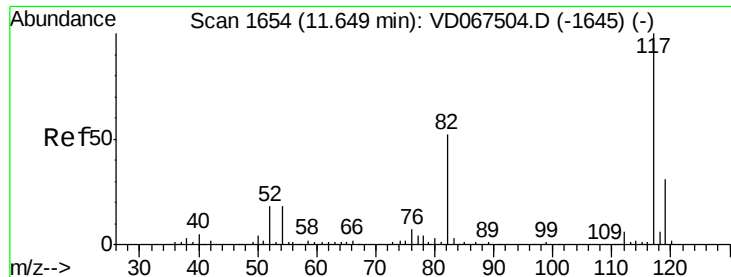
Tot Ion: 98 Resp: 467797
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 65.299 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067726.D
Acq: 20 Nov 2020 15:53

Tgt Ion: 95 Resp: 193358
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.8
176 90.8 0.0 172.0

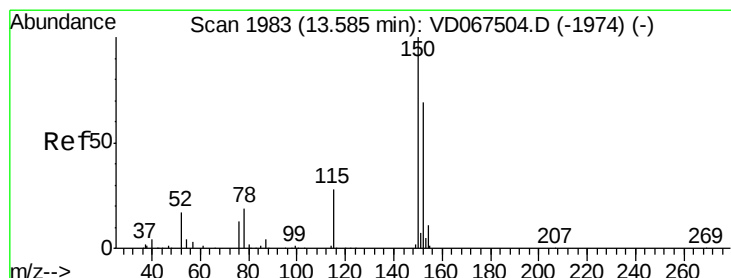
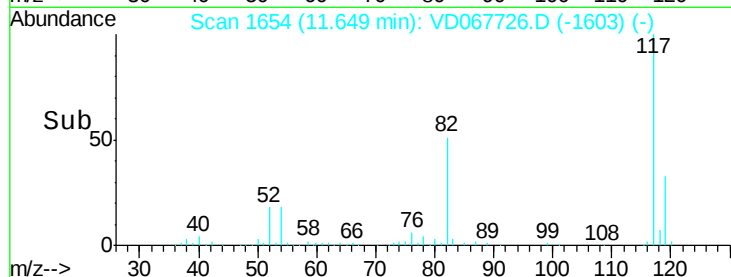
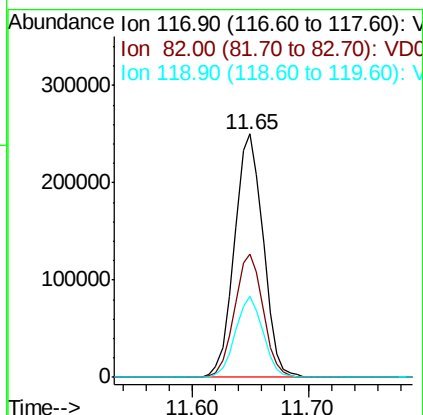
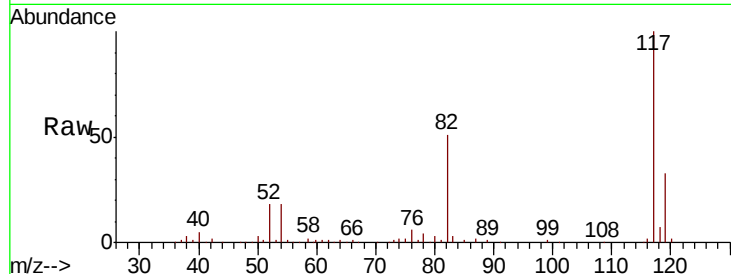




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067726.D
Acq: 20 Nov 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
MS-CON-F

Tot Ion:117 Resp: 431081
Ion Ratio Lower Upper
117 100
82 50.7 41.6 62.4
119 33.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067726.D
Acq: 20 Nov 2020 15:53

Tgt Ion:152 Resp: 234870
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 155.7 0.0 338.2

