

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067747.D
 Acq On : 23 Nov 2020 15:53
 Operator : VA/SY
 Sample : L4809-09RE
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-CON-ERE

Quant Time: Nov 24 01:08:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	262239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	396995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	419198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232652	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	113790	44.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.26%
35) Dibromofluoromethane	7.92	113	62422	24.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.42%#
50) Toluene-d8	10.34	98	464545	50.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.58%
62) 4-Bromofluorobenzene	12.64	95	191827	60.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.52%

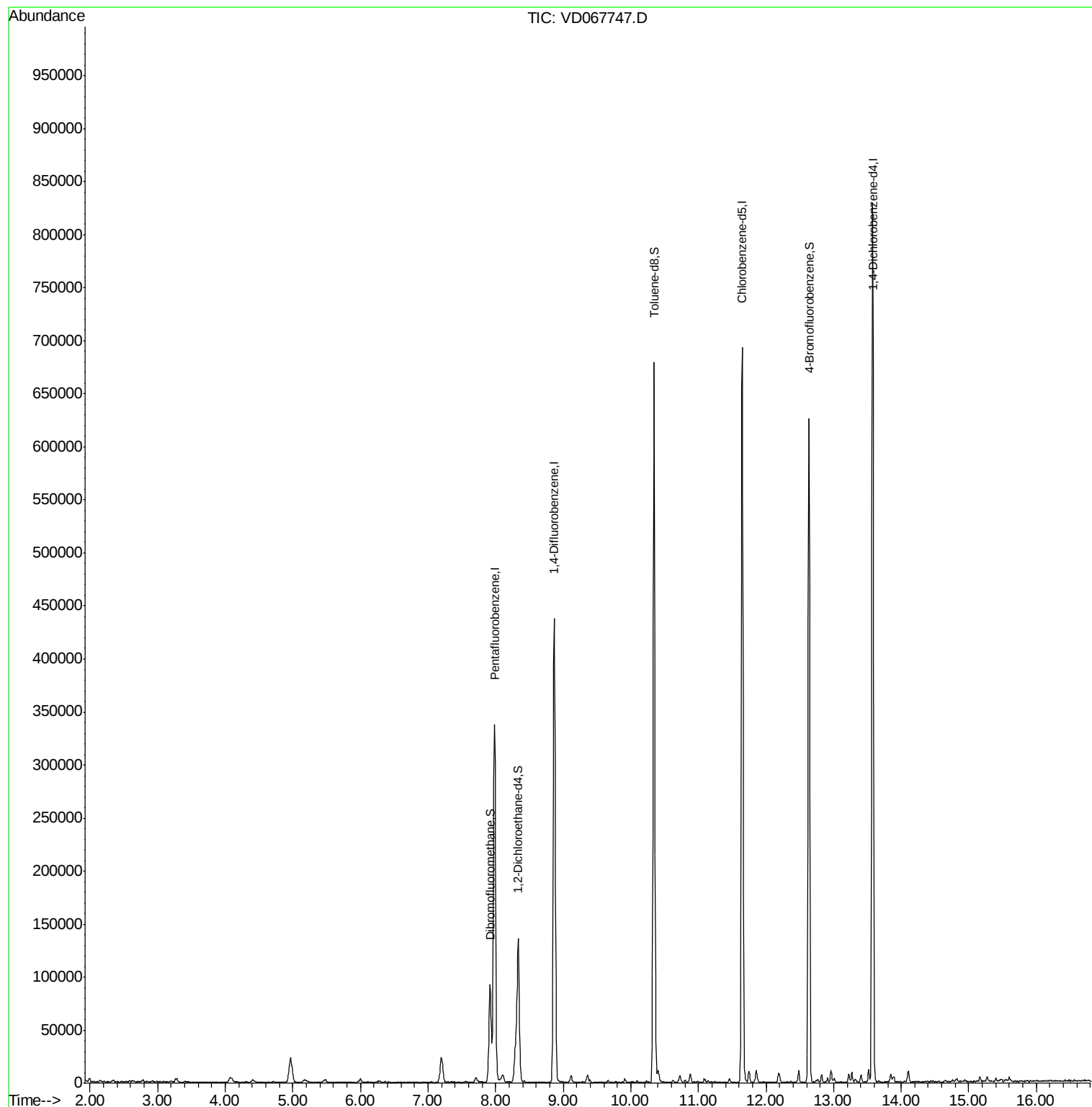
Target Compounds	Qvalue
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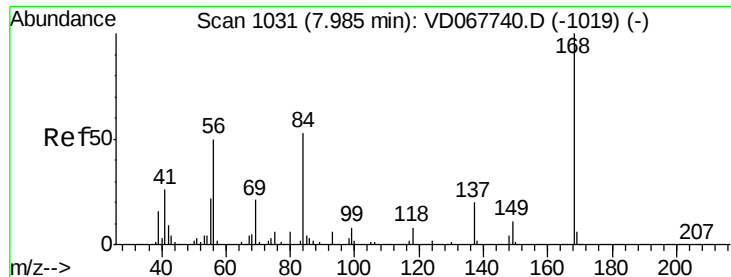
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067747.D

Acq: 23 Nov 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

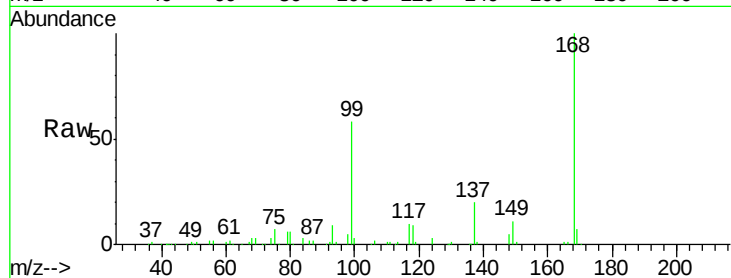
MS-CON-ERE

Tot Ion:168 Resp: 262239

Ion Ratio Lower Upper

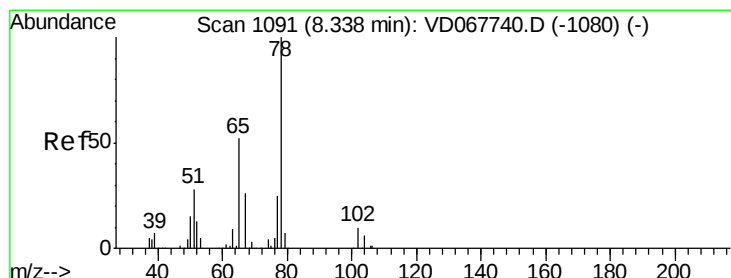
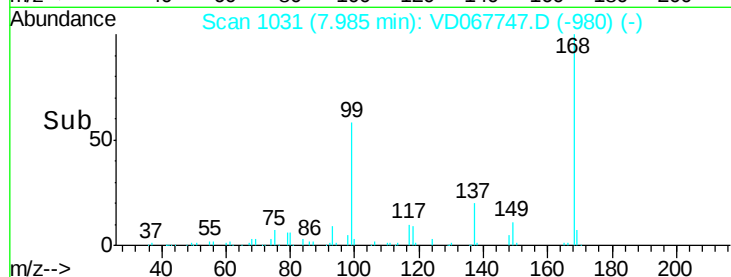
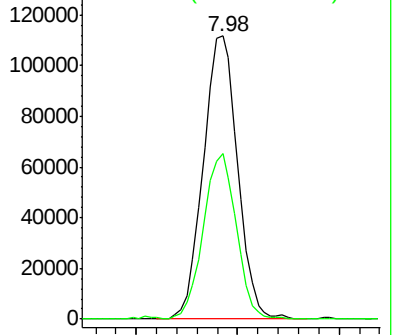
168 100

99 58.2 43.8 65.8



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: 44.627 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067747.D

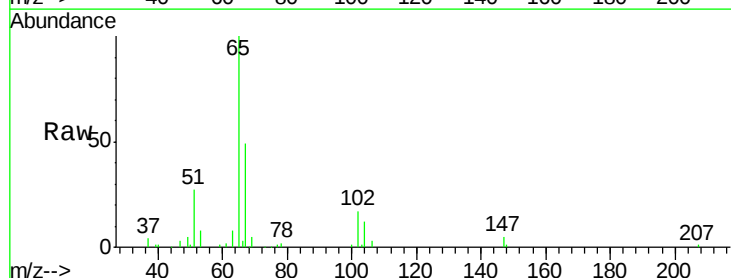
Acq: 23 Nov 2020 15:53

Tgt Ion: 65 Resp: 113790

Ion Ratio Lower Upper

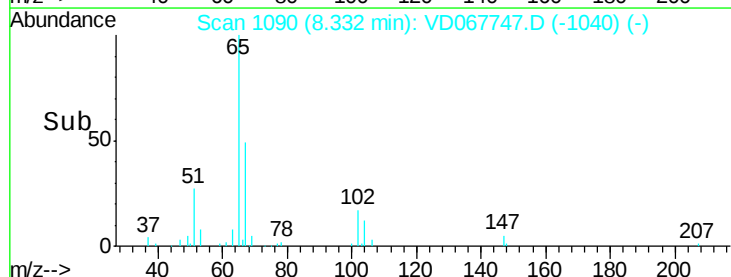
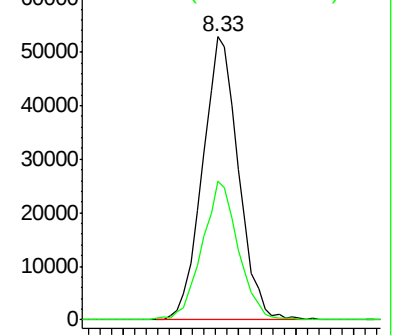
65 100

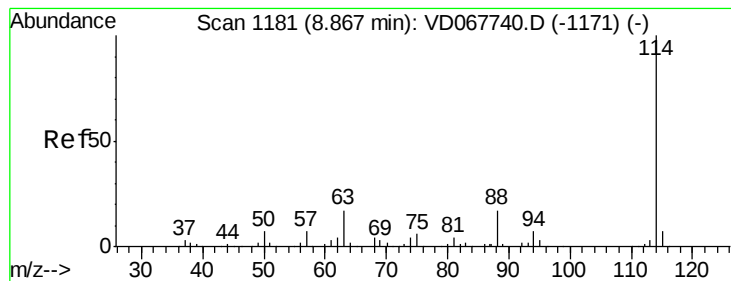
67 49.7 0.0 101.0



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. 0.00 min

Lab File: VD067747.D

Acq: 23 Nov 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

MS-CON-ERE

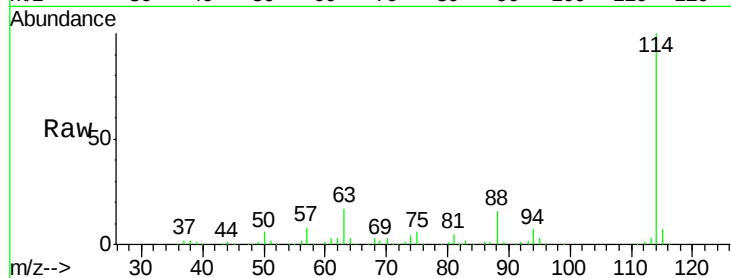
Tot Ion:114 Resp: 396995

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.8

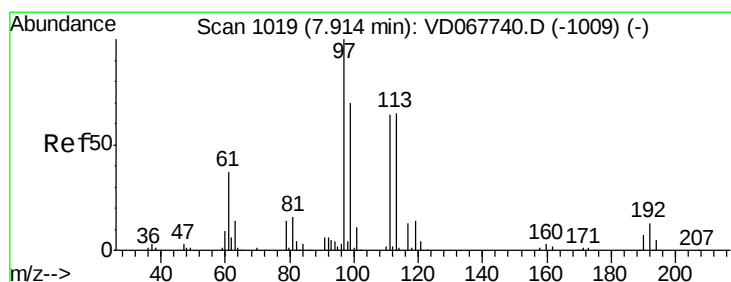
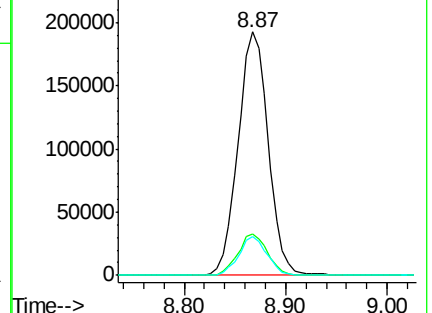
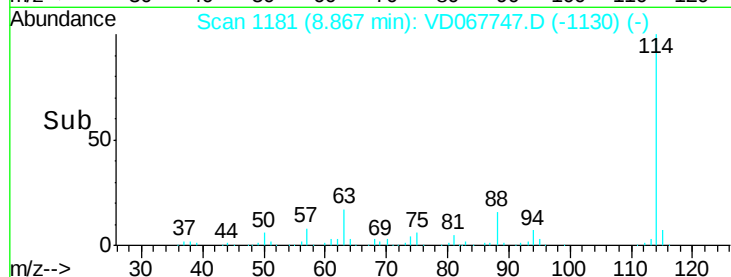
88 16.1 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 24.707 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067747.D

Acq: 23 Nov 2020 15:53

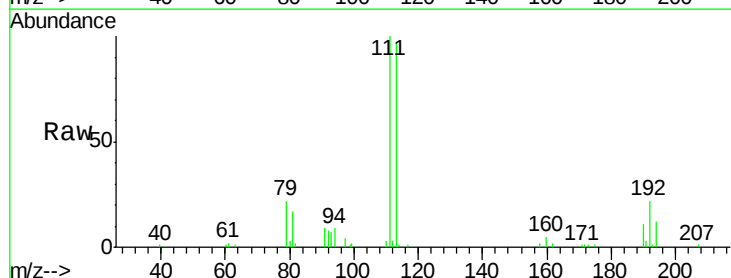
Tgt Ion:113 Resp: 62422

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

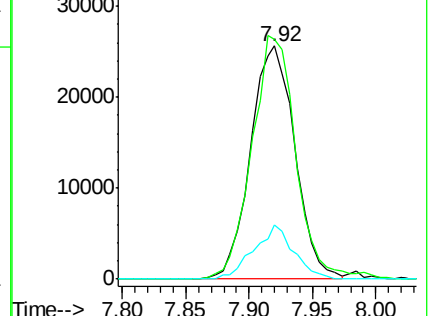
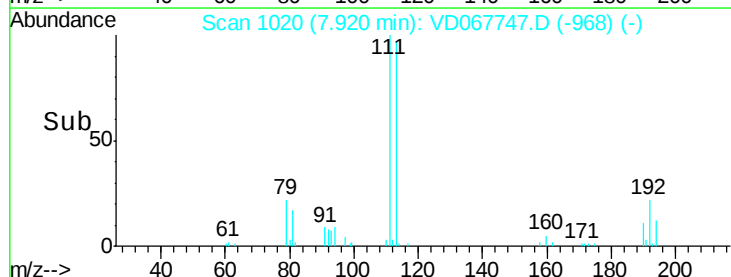
192 20.7 17.0 25.4

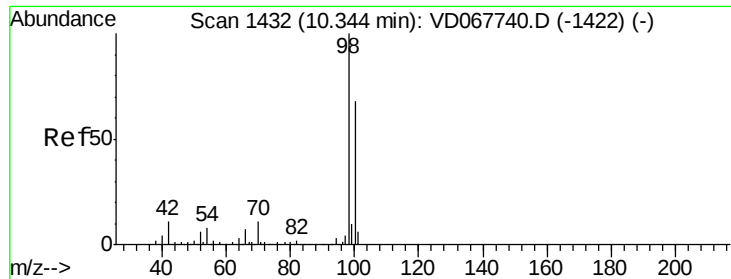


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

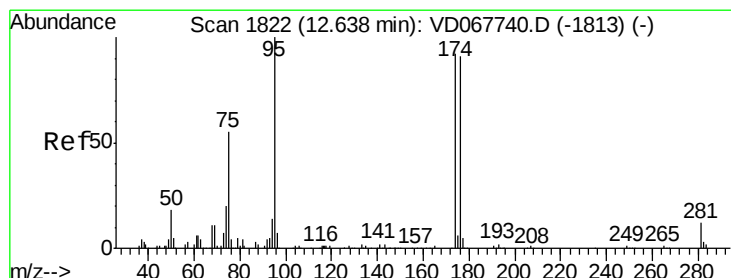
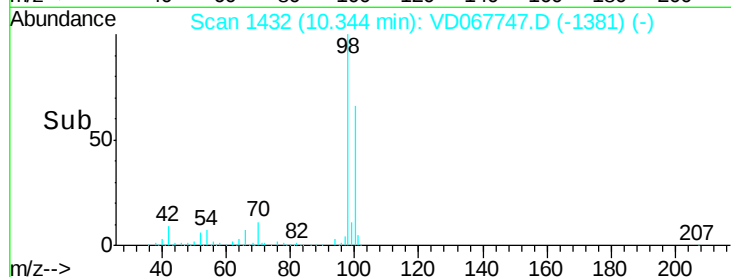
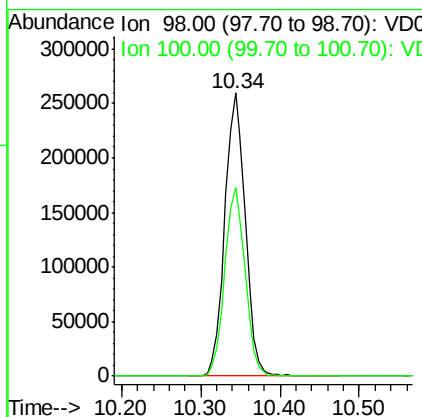
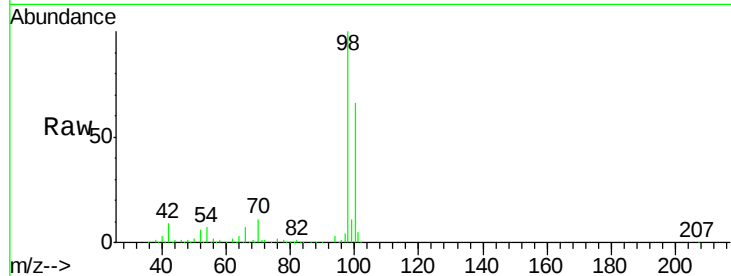




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067747.D
Acq: 23 Nov 2020 15:53

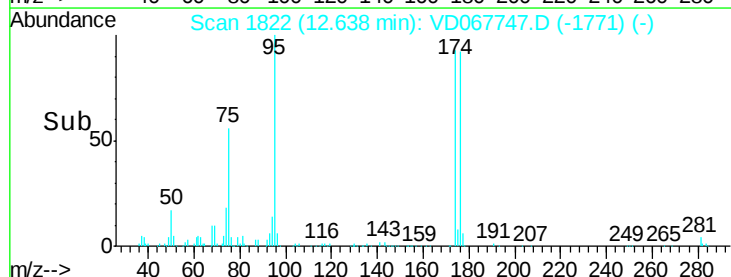
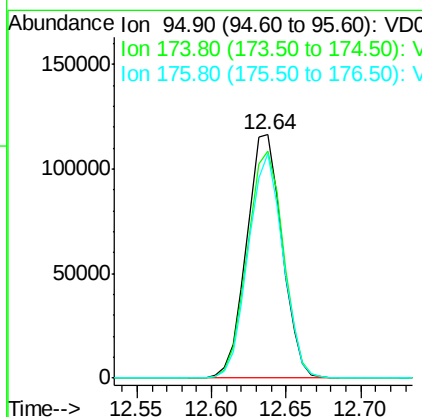
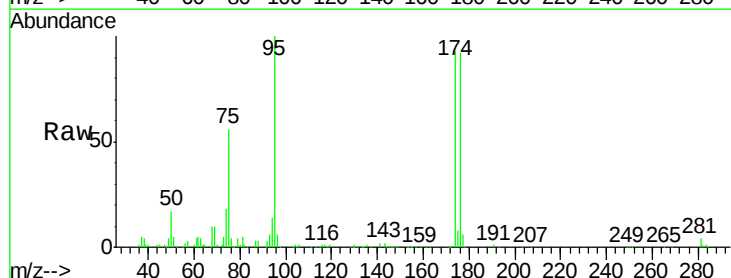
Instrument :
MSVOA_D
ClientSampleId :
MS-CON-ERE

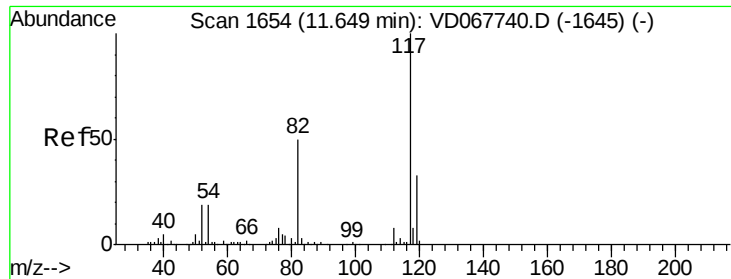
Tot Ion: 98 Resp: 464545
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 60.758 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067747.D
Acq: 23 Nov 2020 15:53

Tgt Ion: 95 Resp: 191827
Ion Ratio Lower Upper
95 100
174 94.8 0.0 182.4
176 89.8 0.0 178.2

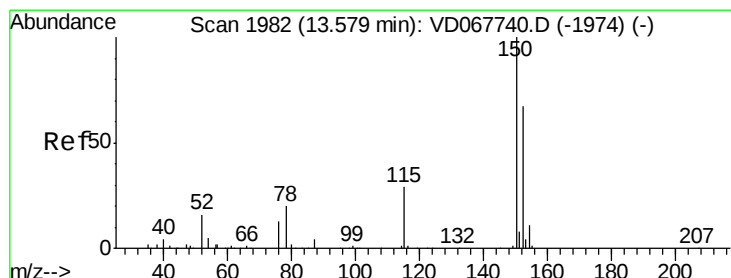
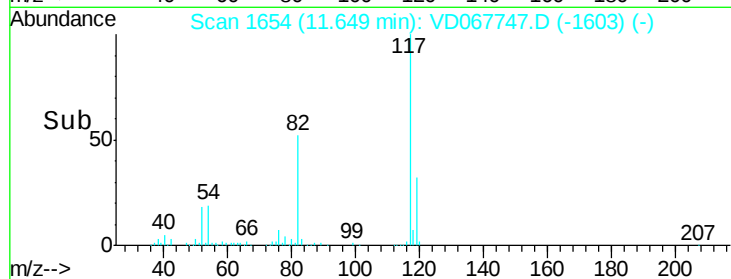
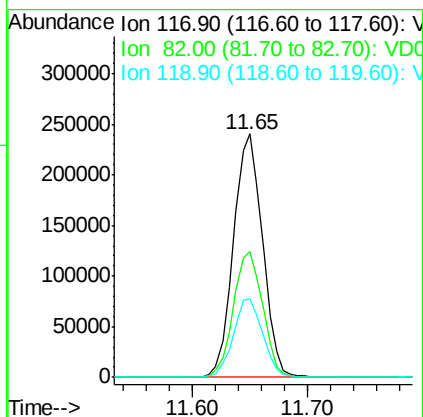
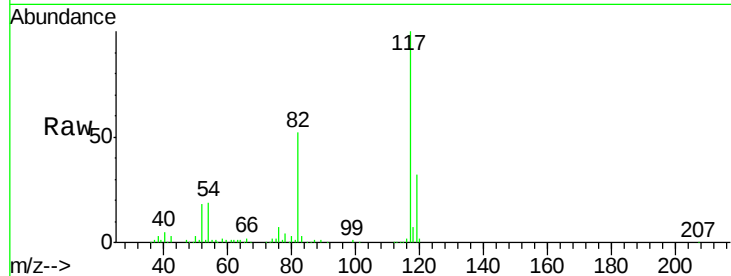




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067747.D
Acq: 23 Nov 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
MS-CON-ERE

Tot Ion:117 Resp: 419198
Ion Ratio Lower Upper
117 100
82 51.5 40.2 60.4
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067747.D
Acq: 23 Nov 2020 15:53

Tgt Ion:152 Resp: 232652
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 158.7 0.0 340.6

