

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067785.D
 Acq On : 25 Nov 2020 14:21
 Operator : VA/SY
 Sample : L4885-01
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-112420

Quant Time: Nov 26 02:03:33 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	7.99	168	11149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	15848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	18250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	7211	66.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.04%
35) Dibromofluoromethane	7.91	113	4371	43.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.68%
50) Toluene-d8	10.34	98	18170	49.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.56%
62) 4-Bromofluorobenzene	12.63	95	7918	62.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.64%

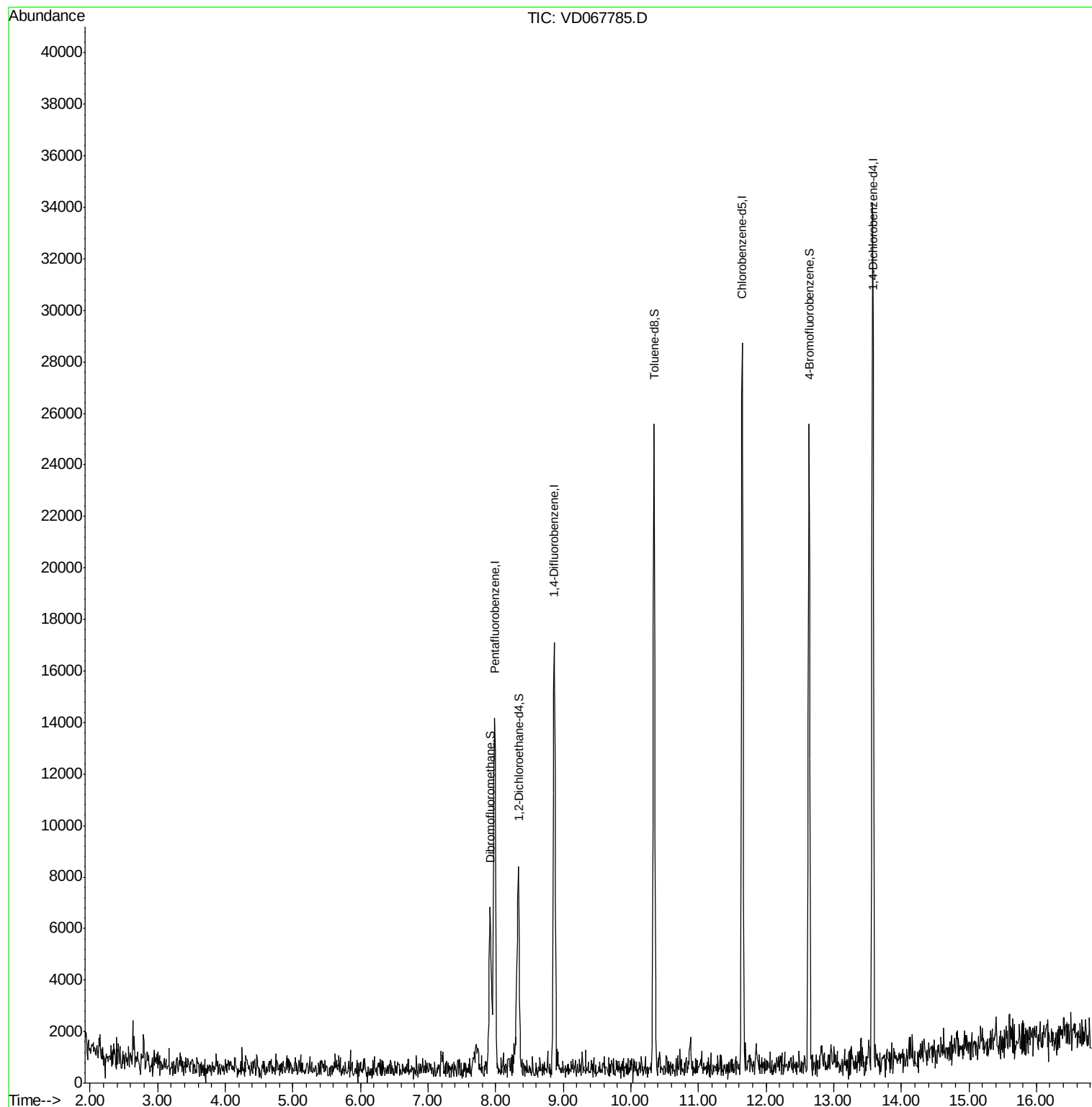
Target Compounds	Qvalue
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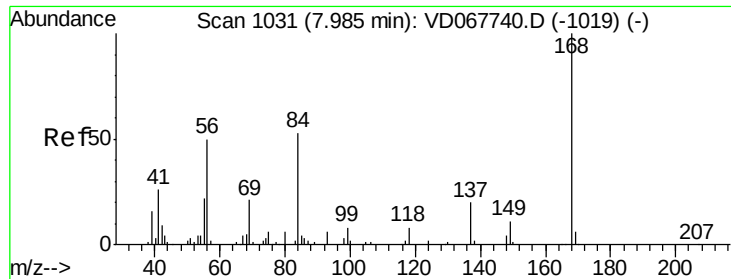
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067785.D

Acq: 25 Nov 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

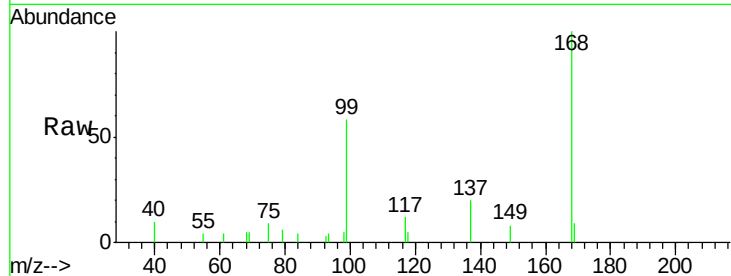
OK-03-112420

Tot Ion:168 Resp: 11149

Ion Ratio Lower Upper

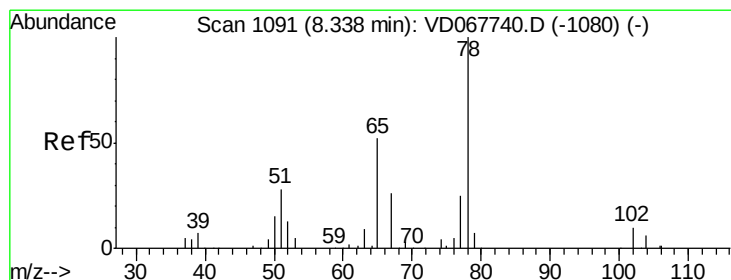
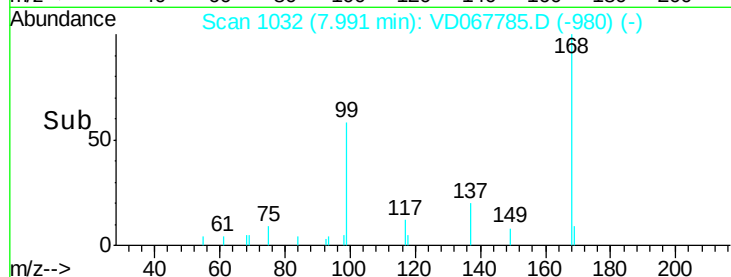
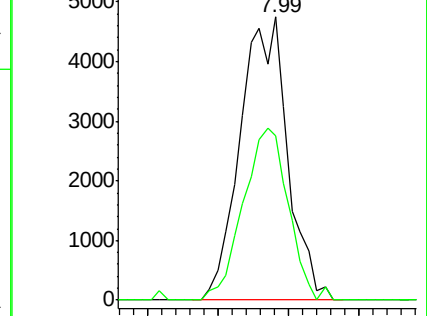
168 100

99 58.1 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: 66.520 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067785.D

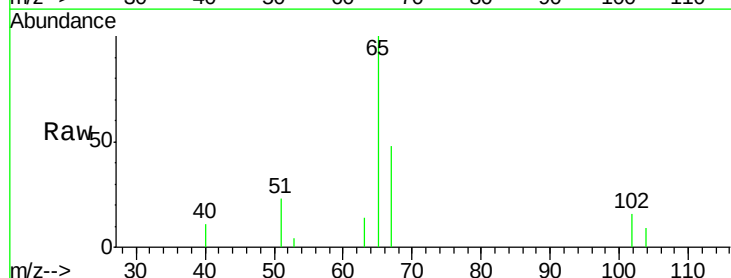
Acq: 25 Nov 2020 14:21

Tgt Ion: 65 Resp: 7211

Ion Ratio Lower Upper

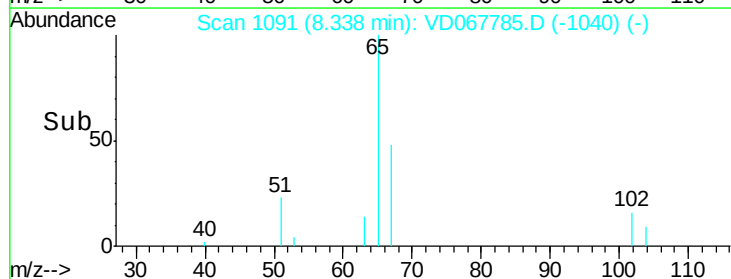
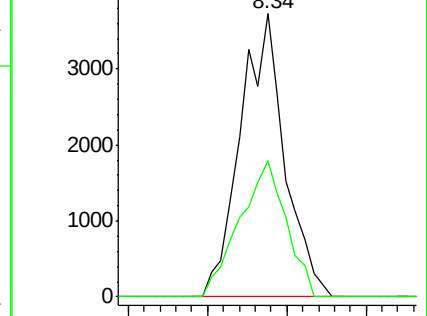
65 100

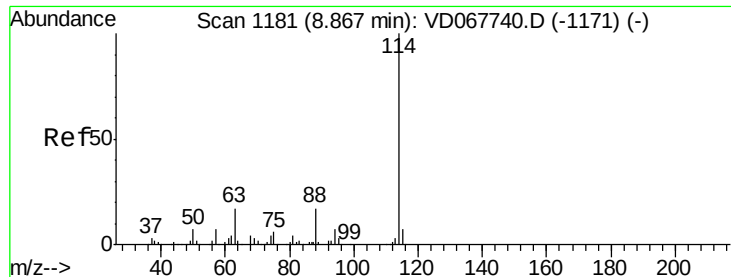
67 50.4 0.0 101.0



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# 1182

Delta R.T. 0.01 min

Lab File: VD067785.D

Acq: 25 Nov 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

OK-03-112420

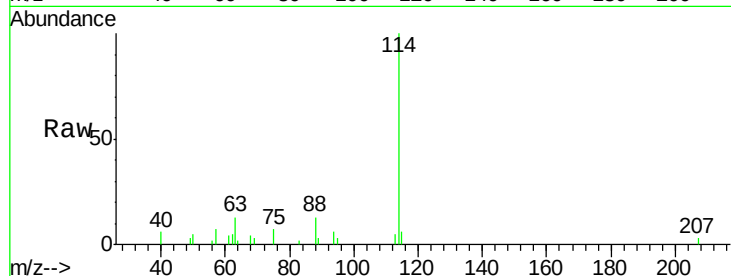
Tot Ion:114 Resp: 15848

Ion Ratio Lower Upper

114 100

63 13.3 0.0 34.8

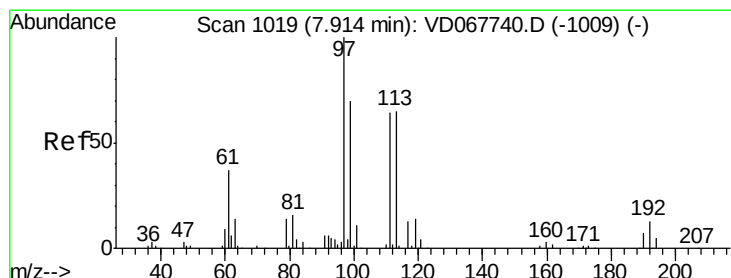
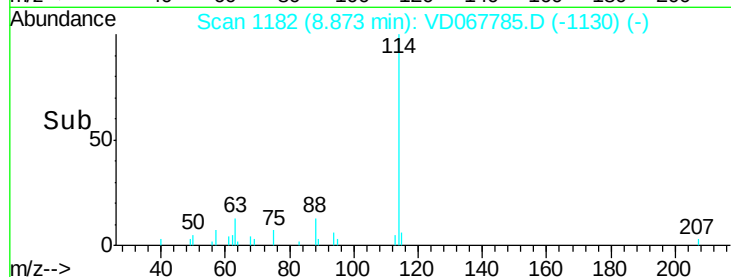
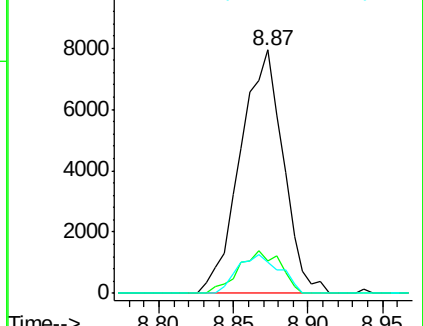
88 12.7 0.0 34.4



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: 43.339 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067785.D

Acq: 25 Nov 2020 14:21

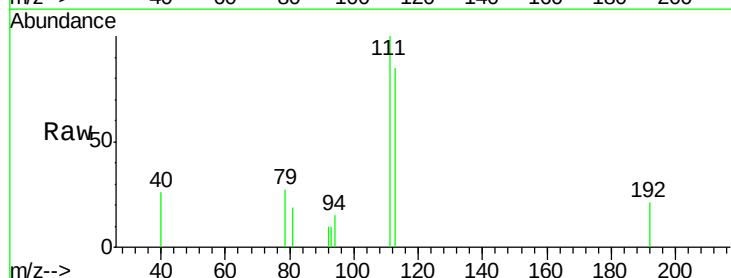
Tgt Ion:113 Resp: 4371

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

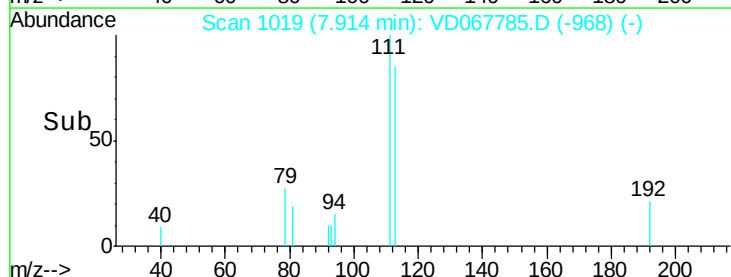
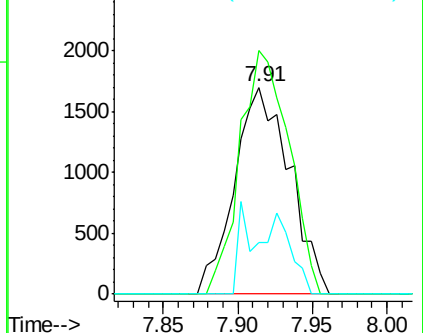
192 13.4 17.0 25.4#

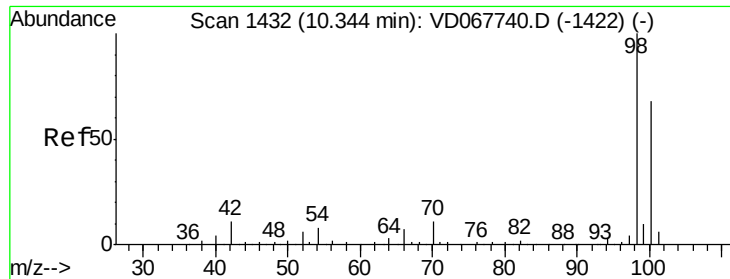


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

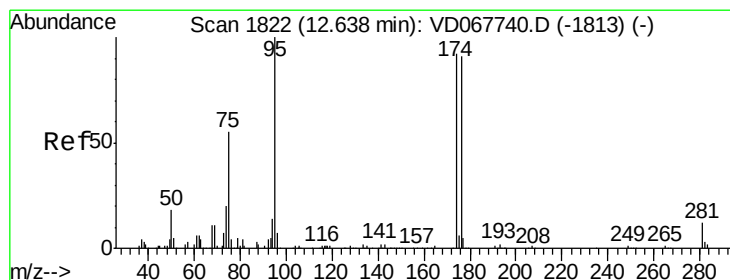
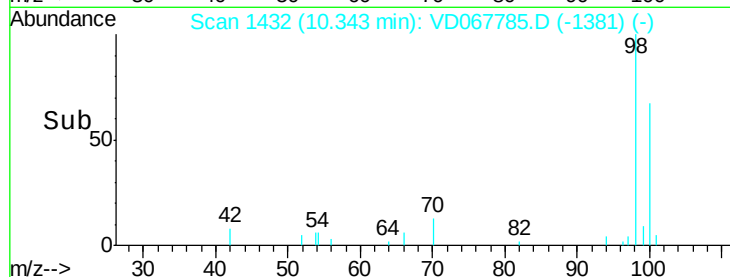
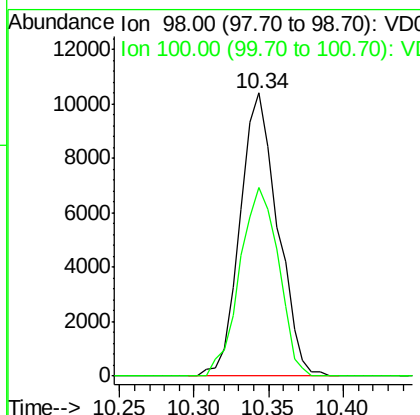
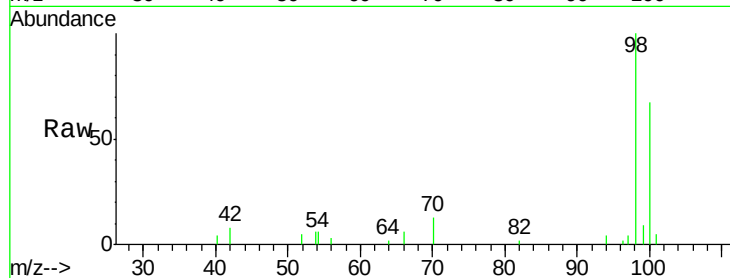




#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067785.D
Acq: 25 Nov 2020 14:21

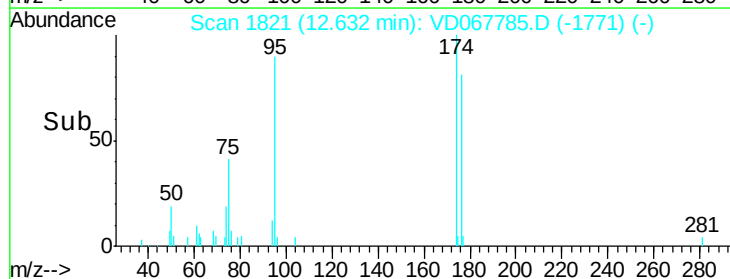
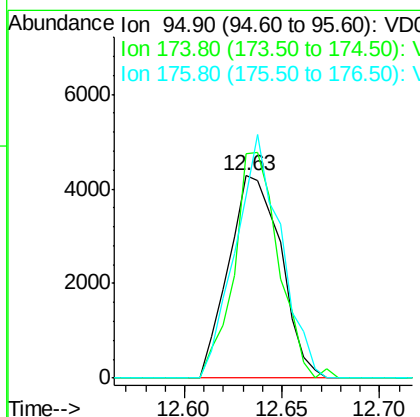
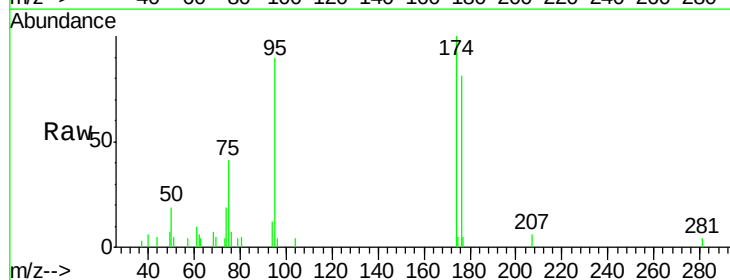
Instrument :
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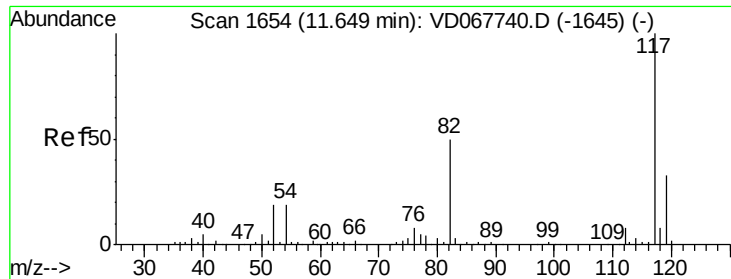
Tot Ion: 98 Resp: 18170
Ion Ratio Lower Upper
98 100
100 68.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 62.823 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067785.D
Acq: 25 Nov 2020 14:21

Tgt Ion: 95 Resp: 7918
Ion Ratio Lower Upper
95 100
174 95.1 0.0 182.4
176 104.3 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: VD067785.D

Acq: 25 Nov 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

OK-03-112420

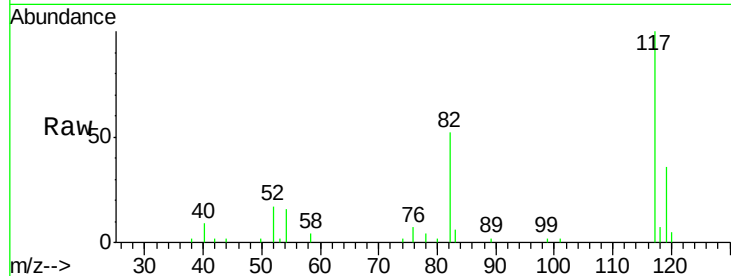
Tot Ion:117 Resp: 18250

Ion Ratio Lower Upper

117 100

82 52.2 40.2 60.4

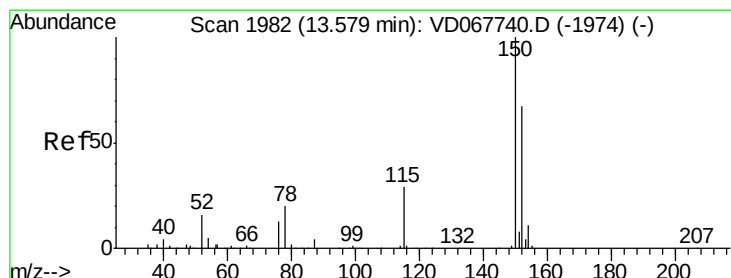
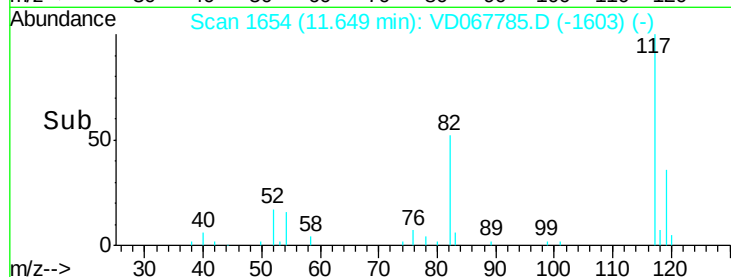
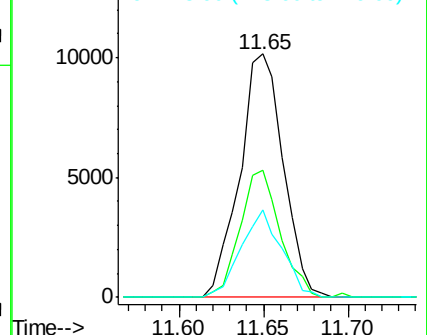
119 35.7 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067785.D

Acq: 25 Nov 2020 14:21

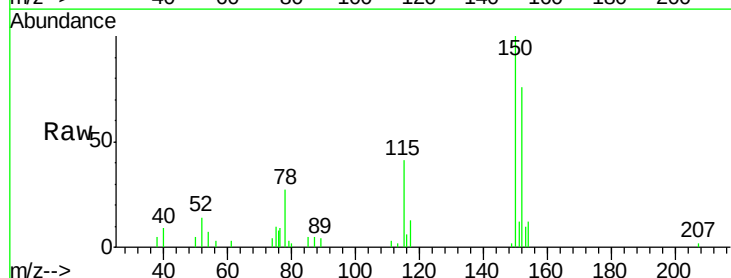
Tgt Ion:152 Resp: 10235

Ion Ratio Lower Upper

152 100

115 60.5 29.4 88.3

150 145.8 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

