

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067750.D
 Acq On : 23 Nov 2020 17:16
 Operator : VA/SY
 Sample : L4838-01
 Misc : 4.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B2-111920-0-2

Quant Time: Nov 24 01:13:19 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	249018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	372231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	108078	44.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.28%
35) Dibromofluoromethane	7.91	113	112344	47.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.86%
50) Toluene-d8	10.34	98	435807	50.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.64%
62) 4-Bromofluorobenzene	12.64	95	180626	61.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.04%

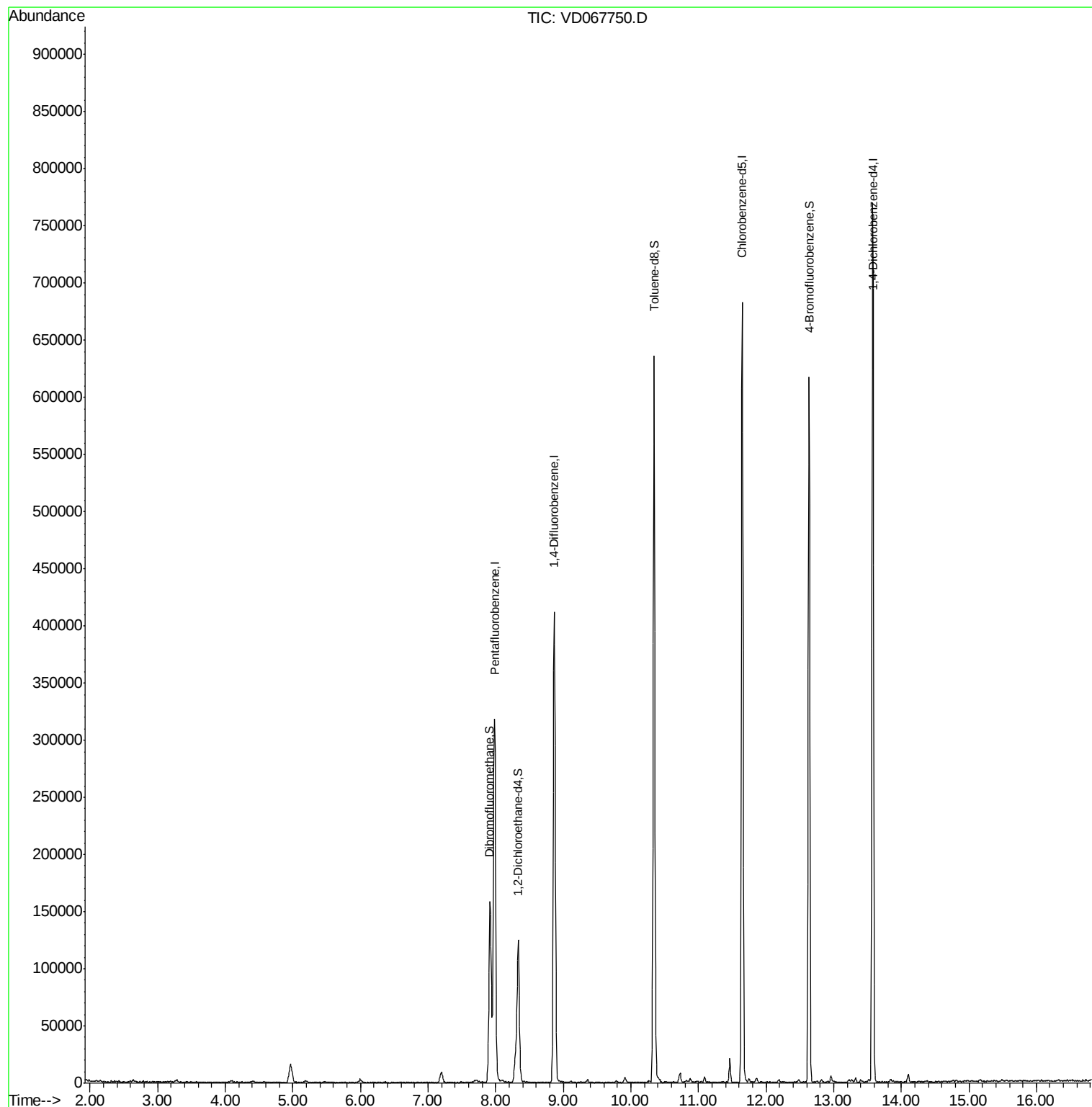
Target Compounds	Qvalue

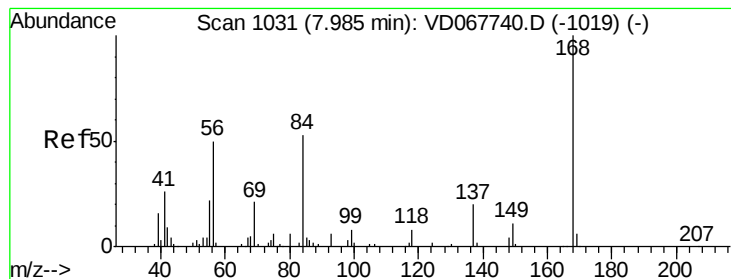
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067750.D

Acq: 23 Nov 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

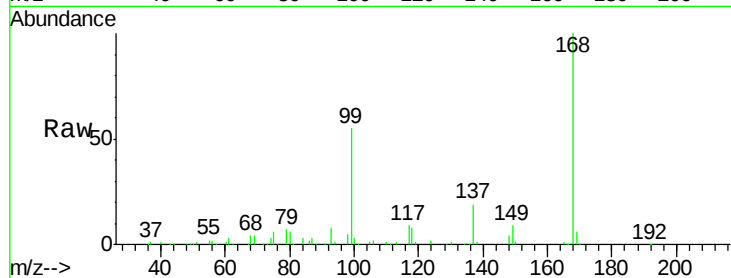
KENS-B2-111920-0-2

Tot Ion:168 Resp: 249018

Ion Ratio Lower Upper

168 100

99 54.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

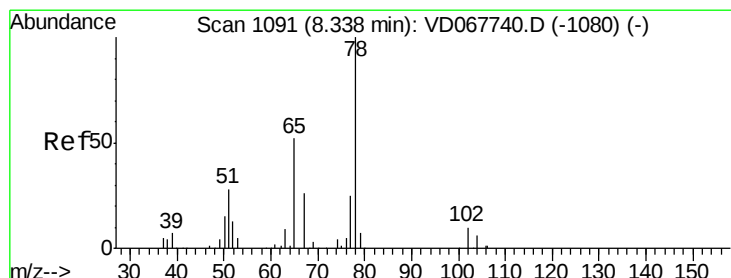
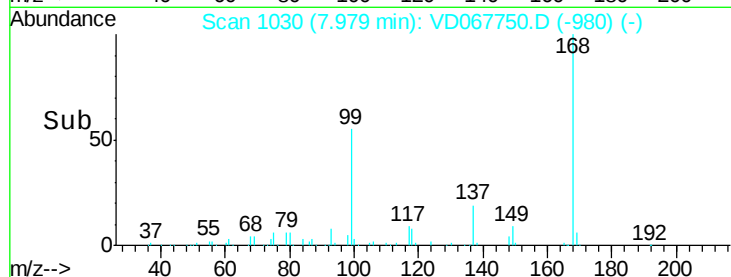
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.638 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067750.D

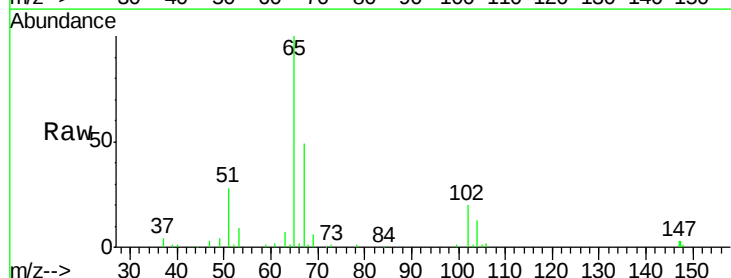
Acq: 23 Nov 2020 17:16

Tgt Ion: 65 Resp: 108078

Ion Ratio Lower Upper

65 100

67 47.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

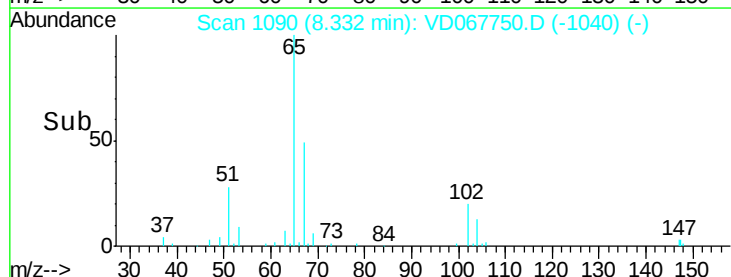
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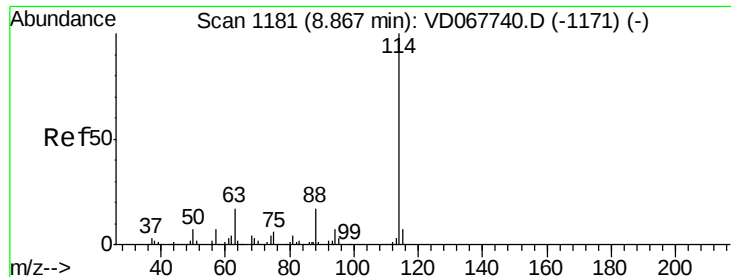
20000

10000

0

Time-->

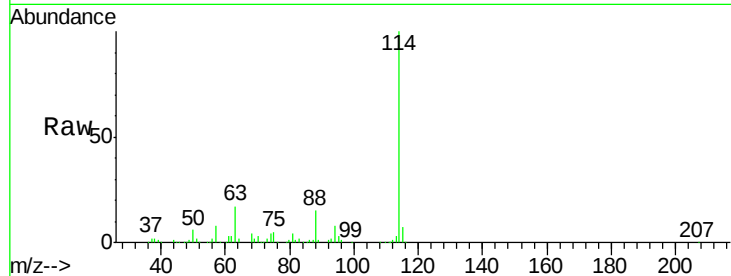




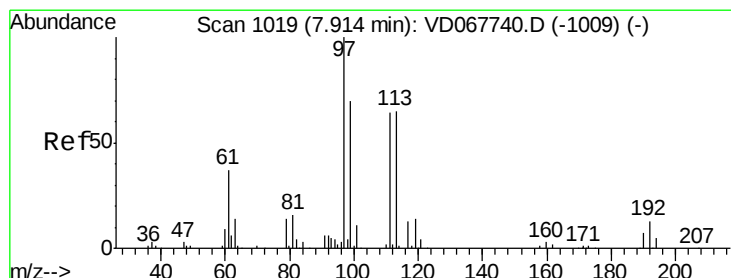
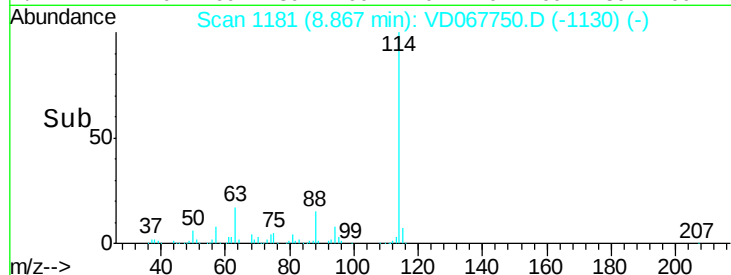
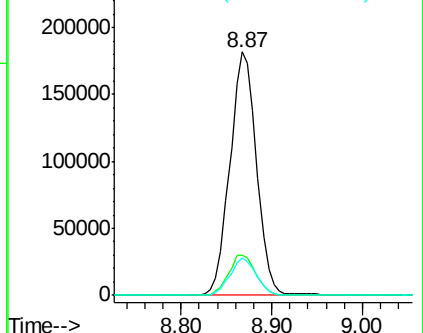
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067750.D
 Acq: 23 Nov 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B2-111920-0-2

Tot Ion:114 Resp: 372231
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 34.8
 88 15.4 0.0 34.4

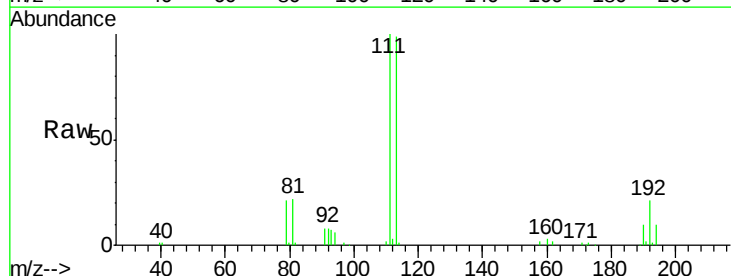


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

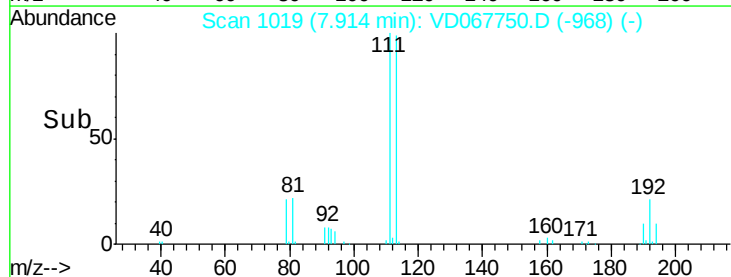
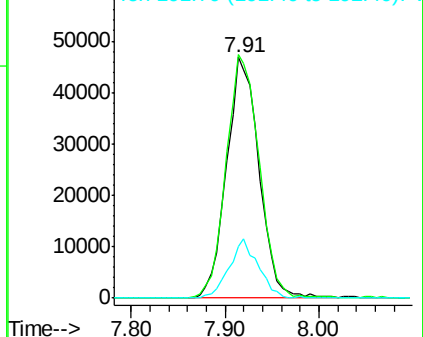


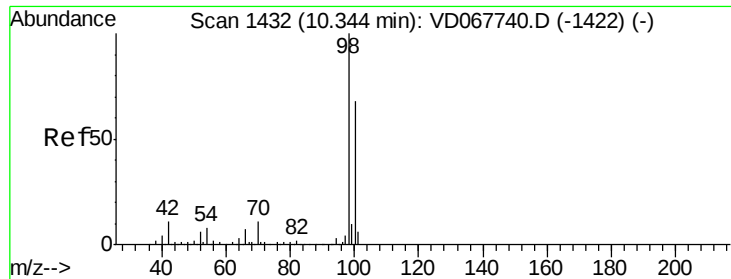
#35
 Dibromofluoromethane
 Concen: 47.425 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067750.D
 Acq: 23 Nov 2020 17:16

Tgt Ion:113 Resp: 112344
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 22.0 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

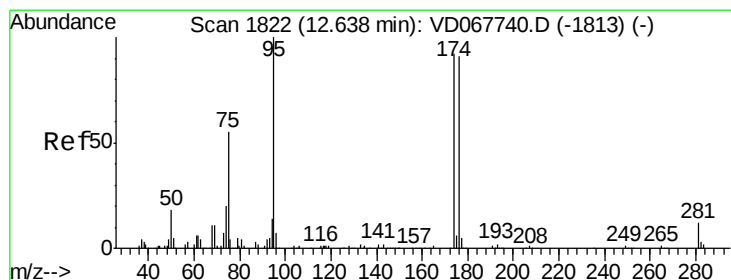
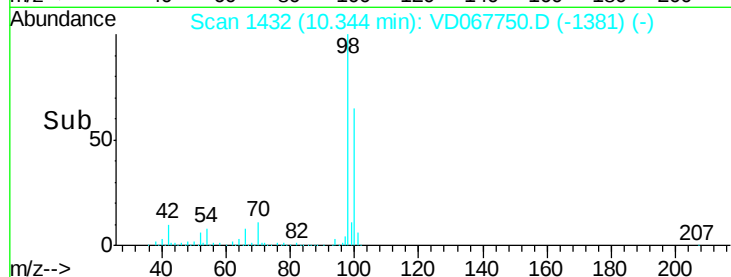
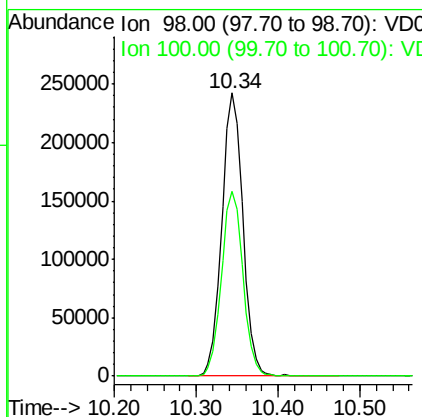
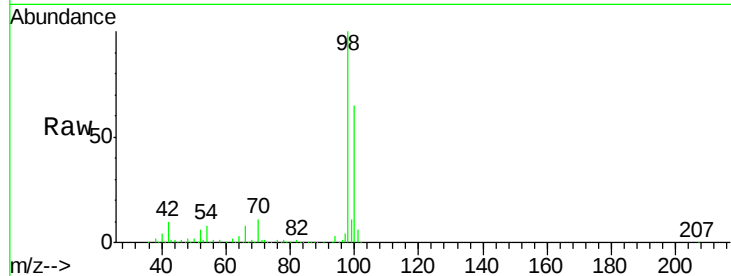




#50
Toluene-d8
Concen: 50.320 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

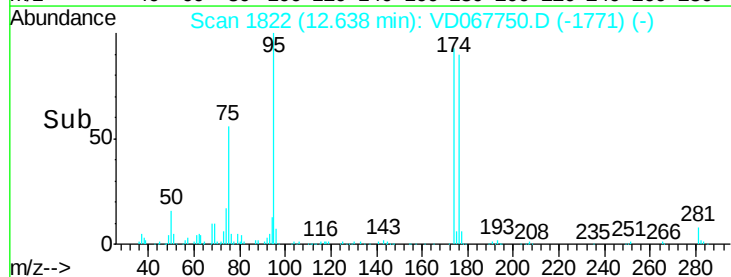
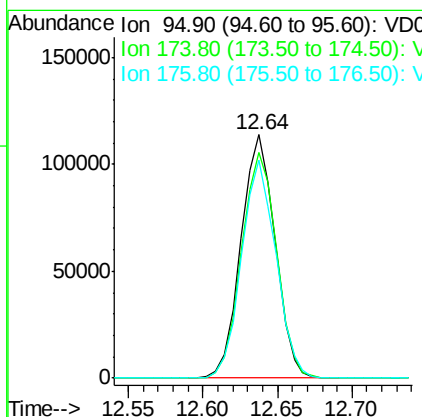
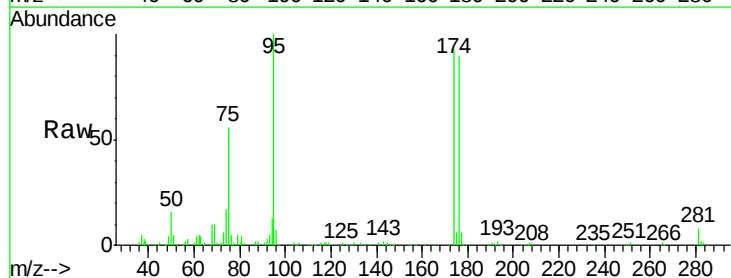
Instrument :
MSVOA_D
ClientSampleId :
KENS-B2-111920-0-2

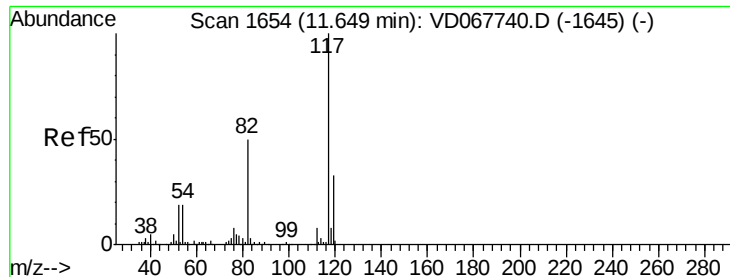
Tot Ion: 98 Resp: 435807
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 61.016 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

Tgt Ion: 95 Resp: 180626
Ion Ratio Lower Upper
95 100
174 94.7 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: VD067750.D

Acq: 23 Nov 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

KENS-B2-111920-0-2

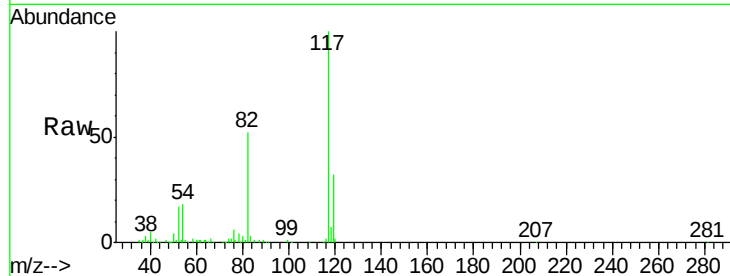
Tot Ion:117 Resp: 403667

Ion Ratio Lower Upper

117 100

82 52.0 40.2 60.4

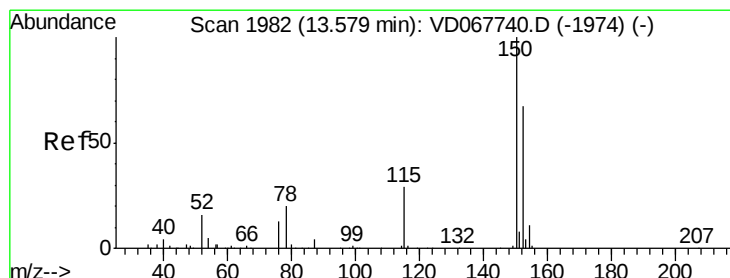
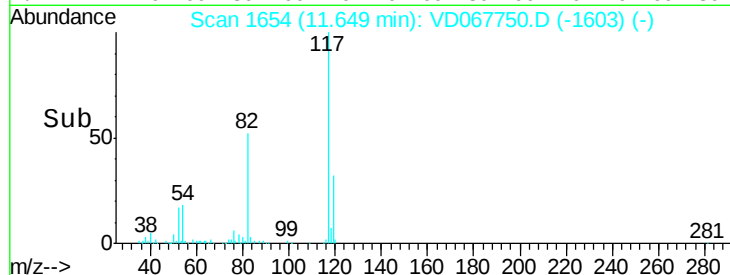
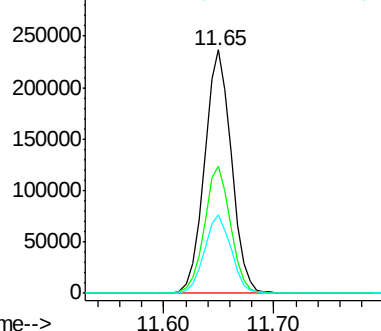
119 32.3 26.5 39.7



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: VD067750.D

Acq: 23 Nov 2020 17:16

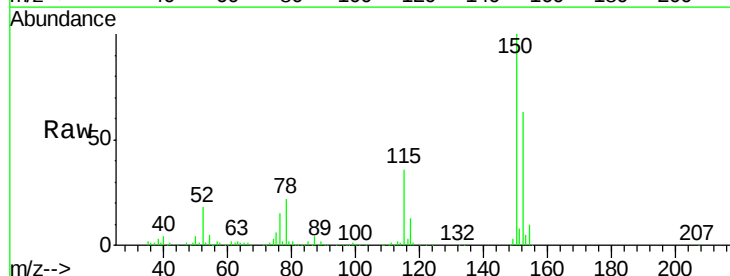
Tgt Ion:152 Resp: 213109

Ion Ratio Lower Upper

152 100

115 58.8 29.4 88.3

150 157.4 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

