

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067792.D
 Acq On : 25 Nov 2020 17:32
 Operator : VA/SY
 Sample : L4868-05
 Misc : 4.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-112020-BD

Quant Time: Nov 26 02:28:51 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	477471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	743916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	737014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	227224	48.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.88%
35) Dibromofluoromethane	7.92	113	228462	48.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.52%
50) Toluene-d8	10.34	98	849017	49.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.10%
62) 4-Bromofluorobenzene	12.64	95	333621	56.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.78%

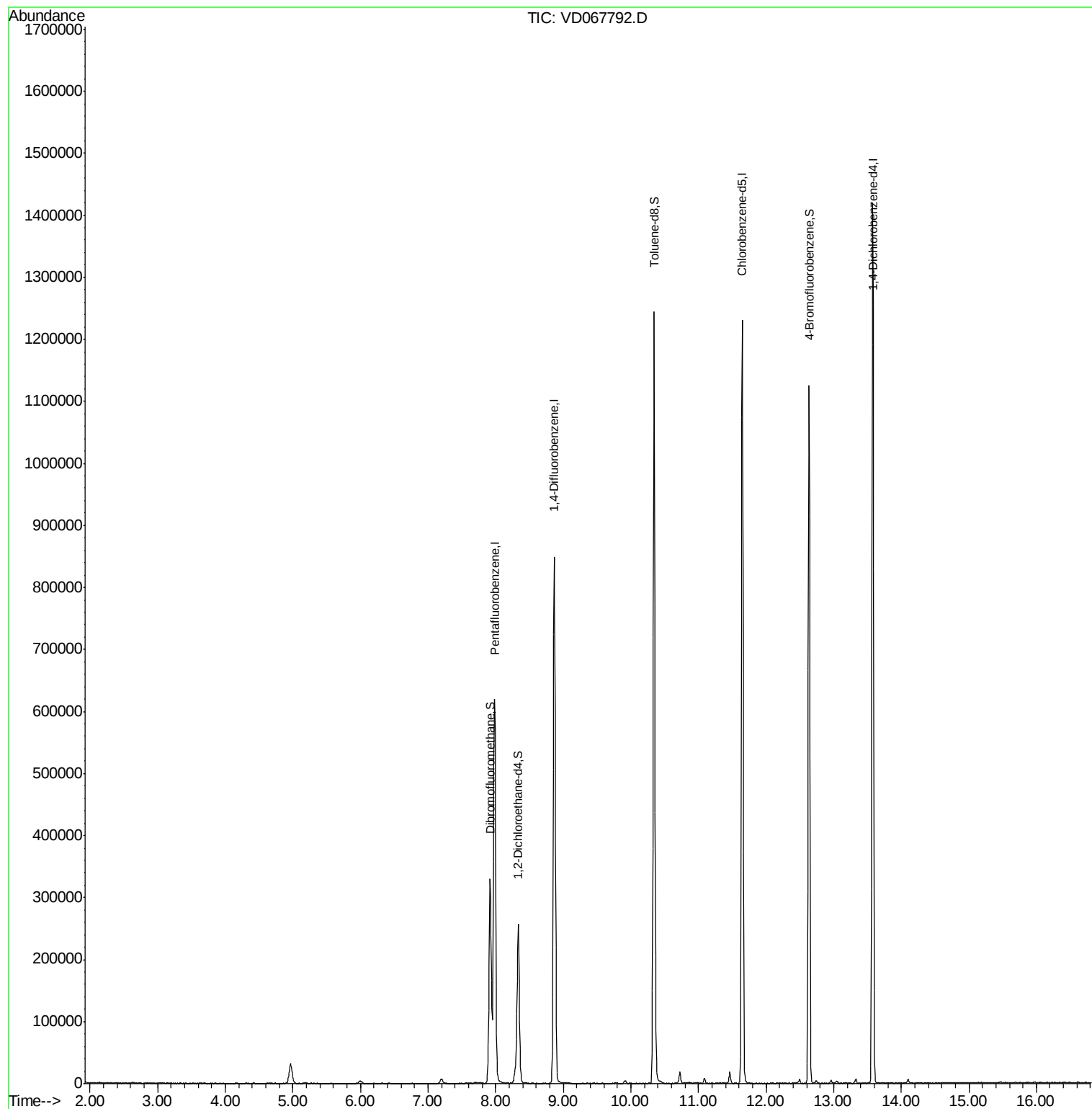
Target Compounds	Qvalue
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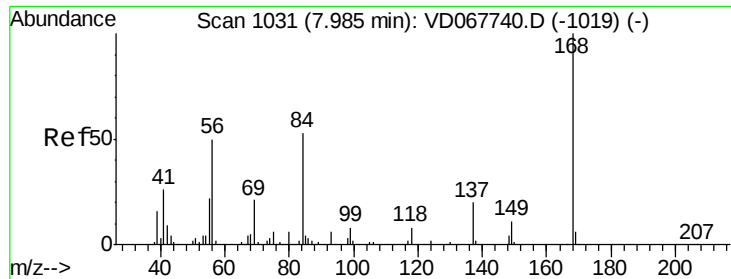
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067792.D

Acq: 25 Nov 2020 17:32

Instrument :

MSVOA_D

ClientSampleId :

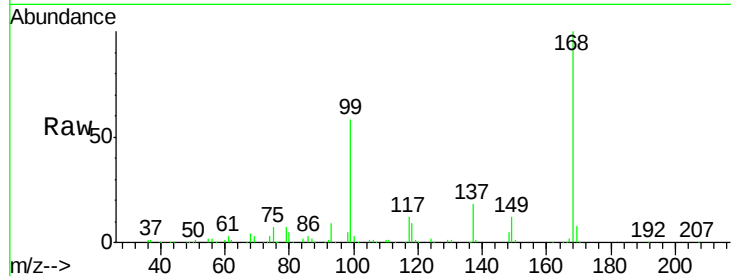
KENS-112020-BD

Tot Ion:168 Resp: 477471

Ion Ratio Lower Upper

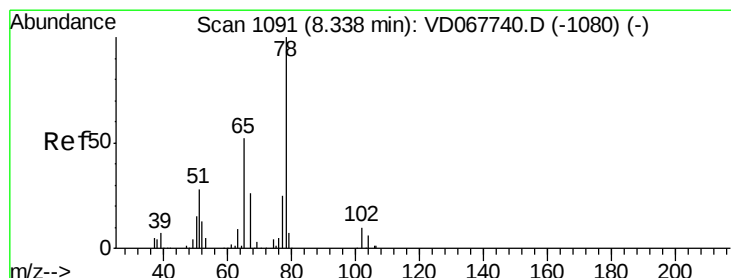
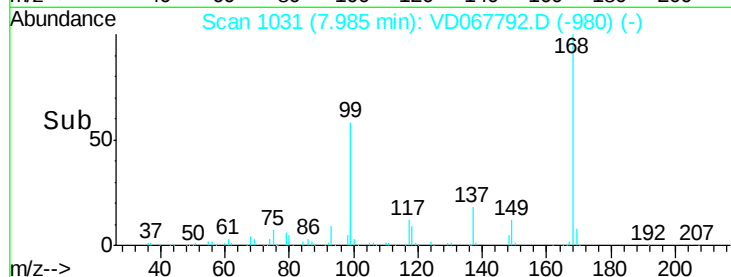
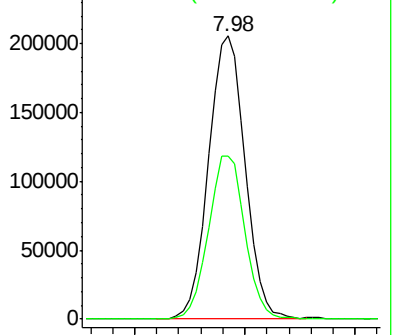
168 100

99 57.8 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: 48.944 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067792.D

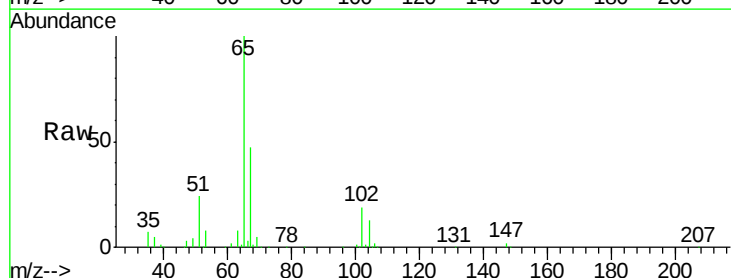
Acq: 25 Nov 2020 17:32

Tgt Ion: 65 Resp: 227224

Ion Ratio Lower Upper

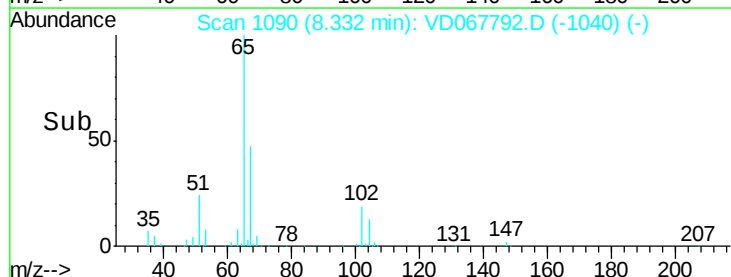
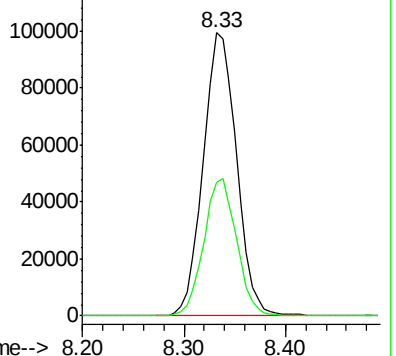
65 100

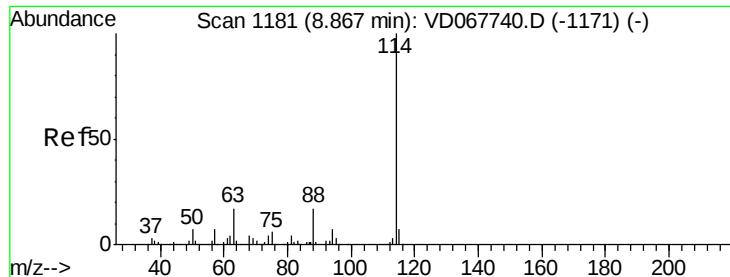
67 47.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

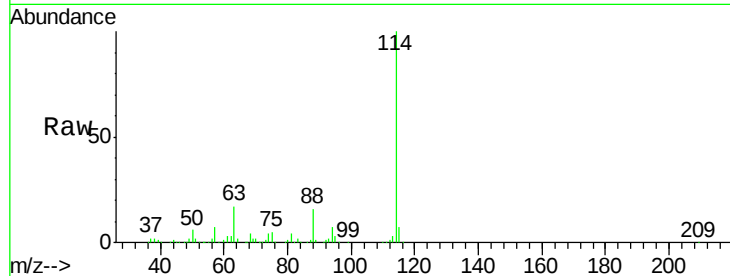




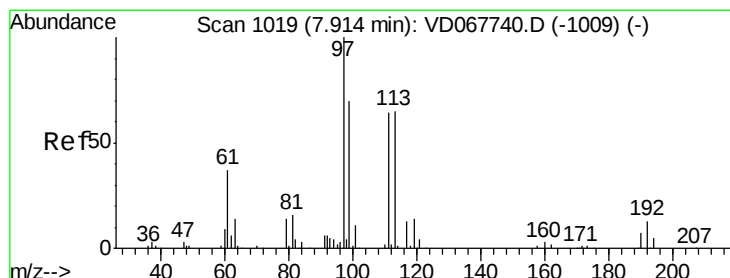
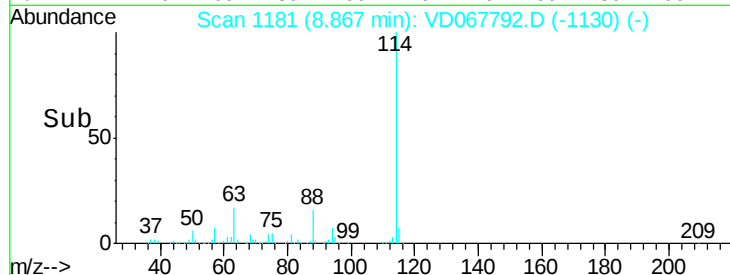
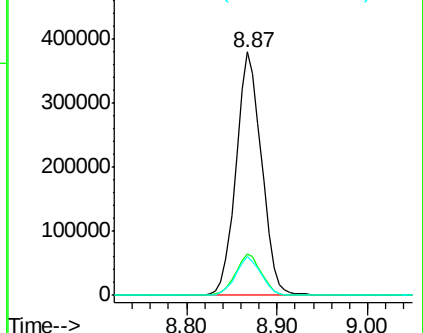
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD067792.D
Acq: 25 Nov 2020 17:32

Instrument :
MSVOA_D
ClientSampleId :
KENS-112020-BD

Tot Ion:114 Resp: 743916
Ion Ratio Lower Upper
114 100
63 16.9 0.0 34.8
88 15.8 0.0 34.4

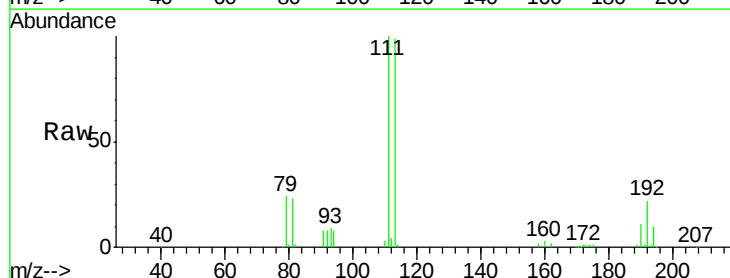


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

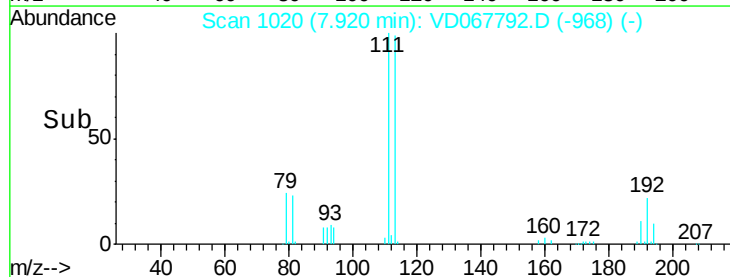
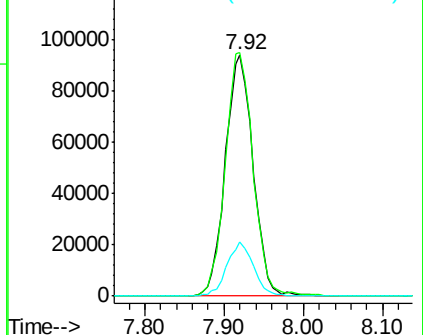


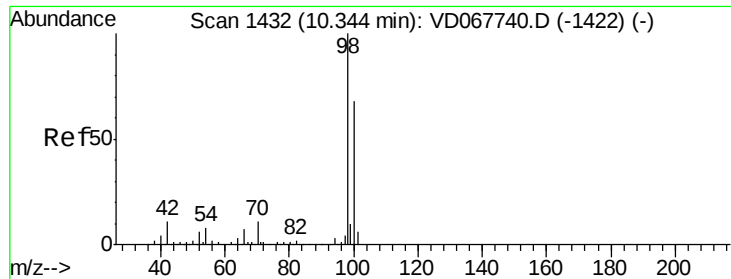
#35
Dibromofluoromethane
Concen: 48.257 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067792.D
Acq: 25 Nov 2020 17:32

Tgt Ion:113 Resp: 228462
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 21.3 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: 49.051 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067792.D

Acq: 25 Nov 2020 17:32

Instrument :

MSVOA_D

ClientSampleId :

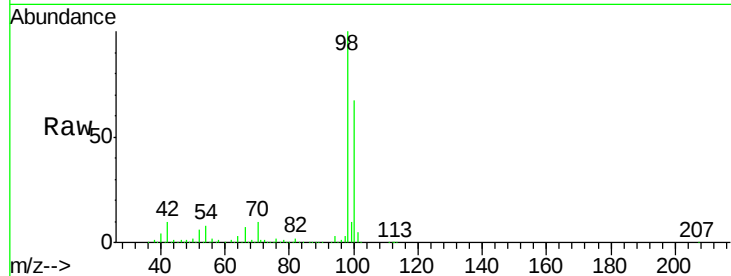
KENS-112020-BD

Tot Ion: 98 Resp: 849017

Ion Ratio Lower Upper

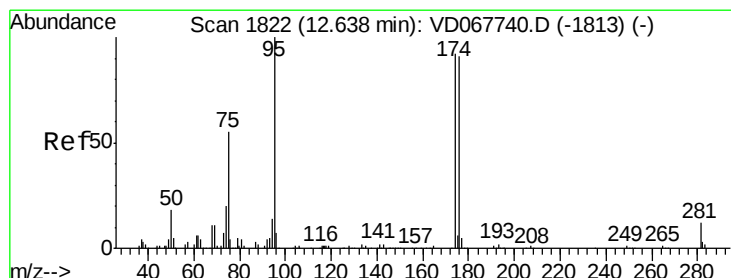
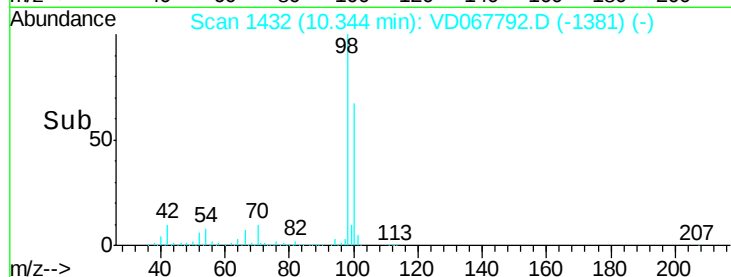
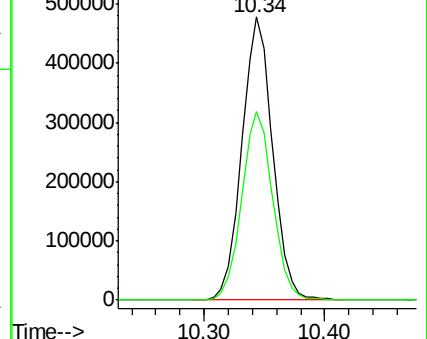
98 100

100 67.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 56.391 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067792.D

Acq: 25 Nov 2020 17:32

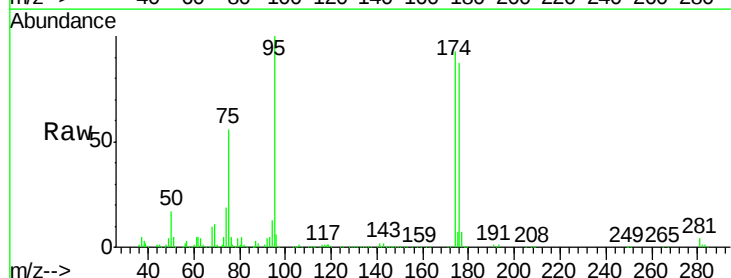
Tgt Ion: 95 Resp: 333621

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.4

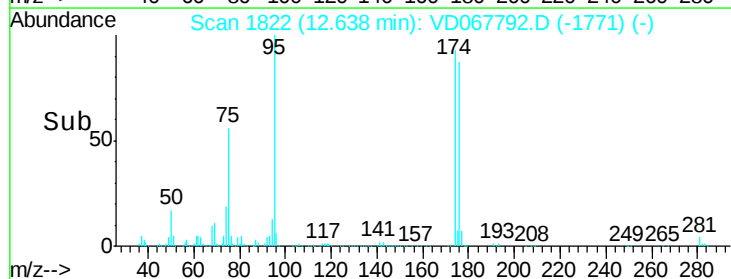
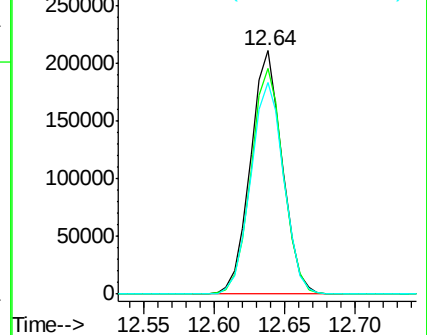
176 89.9 0.0 178.2

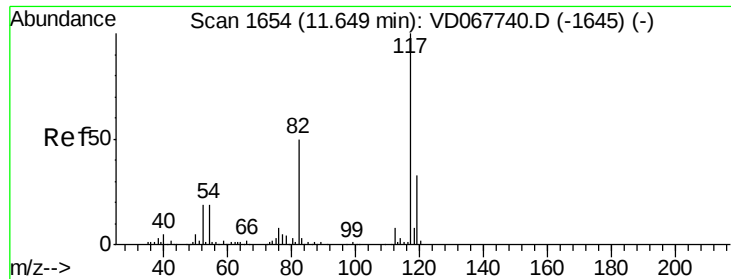


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

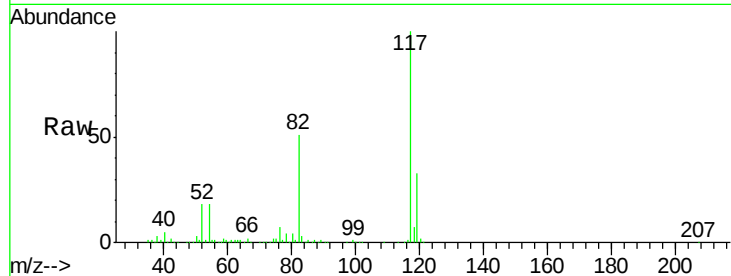




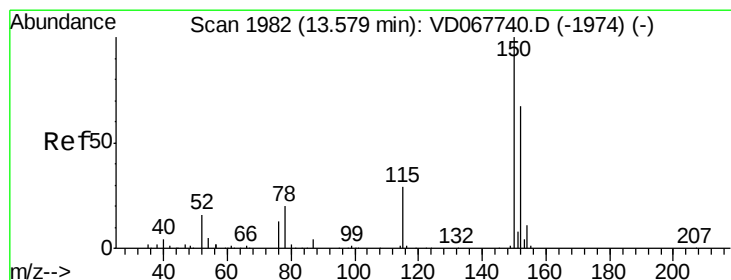
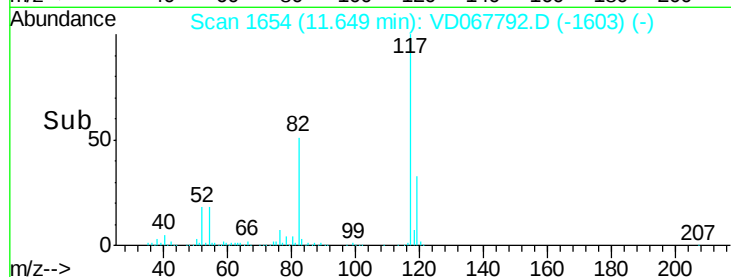
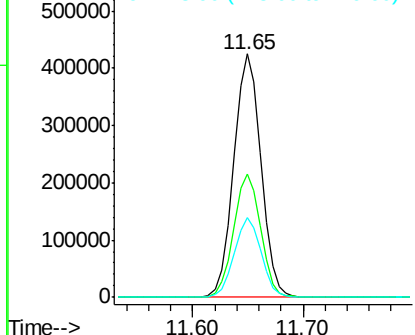
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067792.D
Acq: 25 Nov 2020 17:32

Instrument :
MSVOA_D
ClientSampleId :
KENS-112020-BD

Tot Ion:117 Resp: 737014
Ion Ratio Lower Upper
117 100
82 50.7 40.2 60.4
119 32.7 26.5 39.7

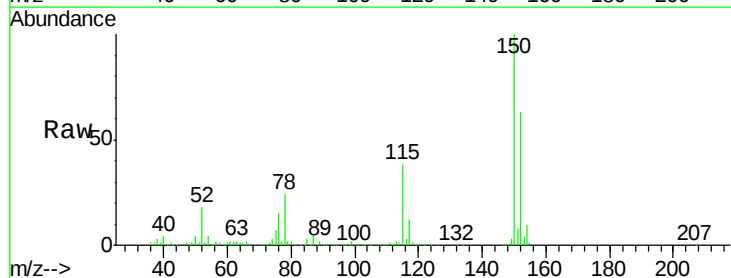


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067792.D
Acq: 25 Nov 2020 17:32

Tgt Ion:152 Resp: 385242
Ion Ratio Lower Upper
152 100
115 58.1 29.4 88.3
150 158.5 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

