

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067813.D
 Acq On : 30 Nov 2020 14:18
 Operator : VA/SY
 Sample : L4868-05RE
 Misc : 5.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-112020-BDRE

Quant Time: Dec 01 00:31:14 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	479266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	837734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	807691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	328971	70.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.20%
35) Dibromofluoromethane	7.92	113	276377	51.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.68%
50) Toluene-d8	10.34	98	943731	48.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.84%
62) 4-Bromofluorobenzene	12.64	95	371586	55.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.54%

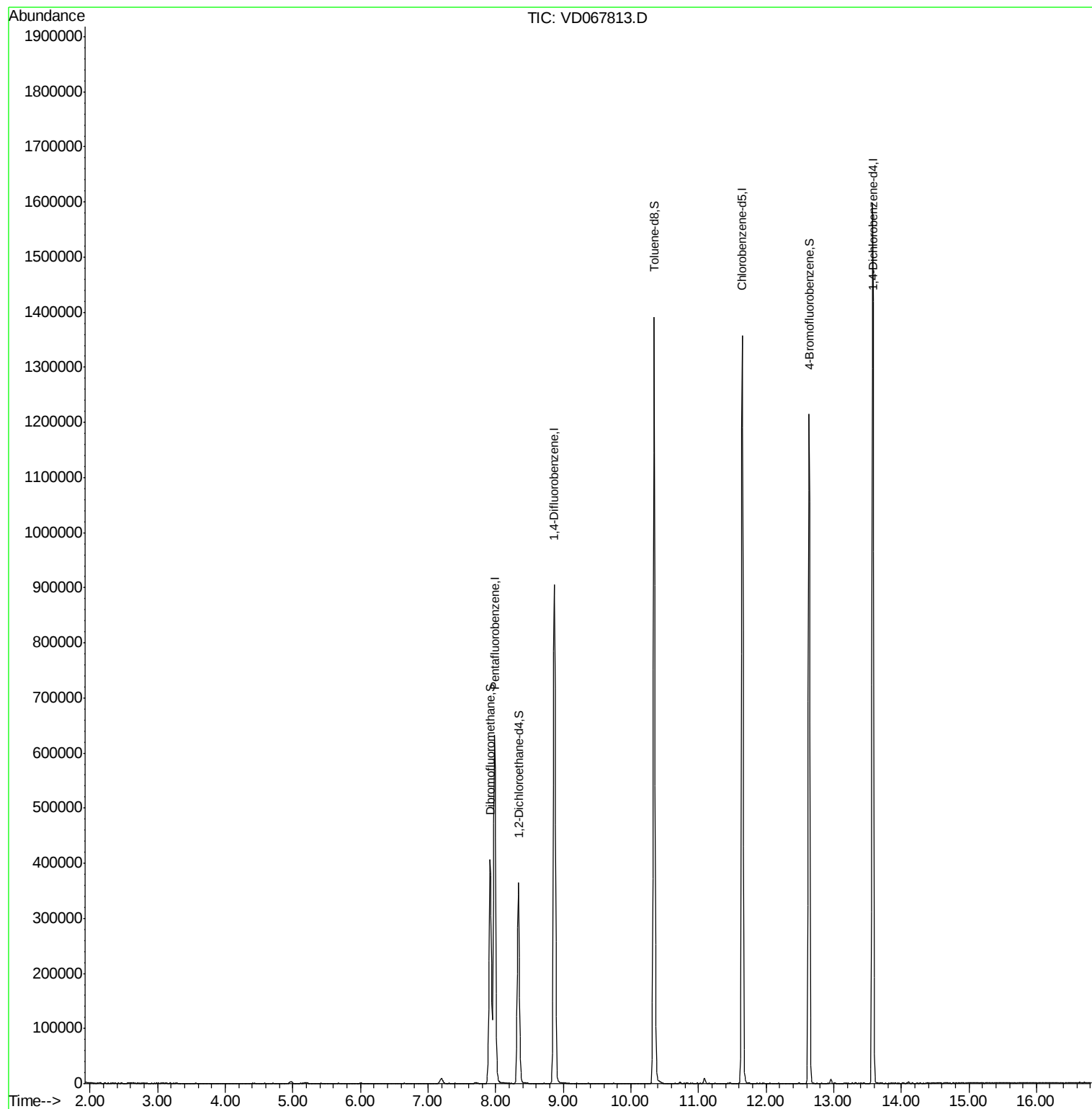
Target Compounds	Qvalue
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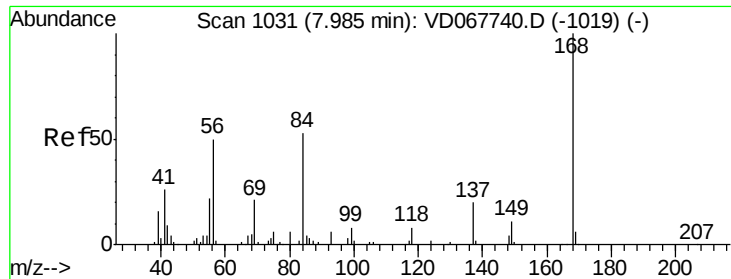
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

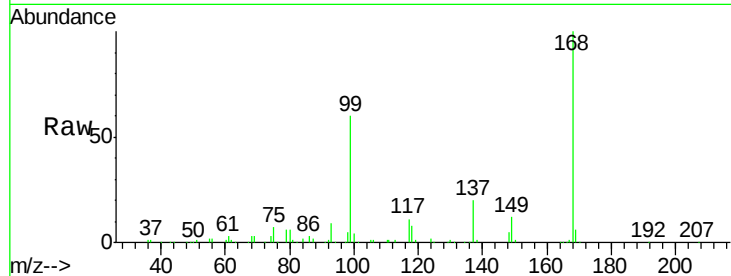
KENS-112020-BDRE

Tot Ion:168 Resp: 479266

Ion Ratio Lower Upper

168 100

99 60.0 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

250000

200000

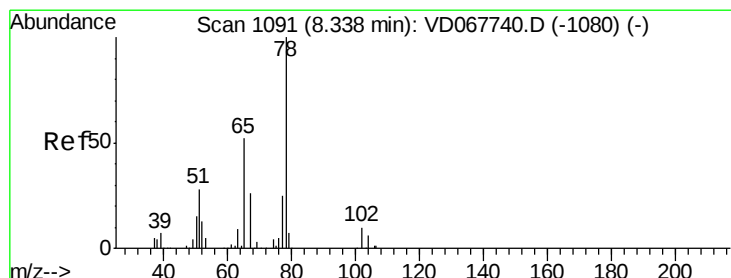
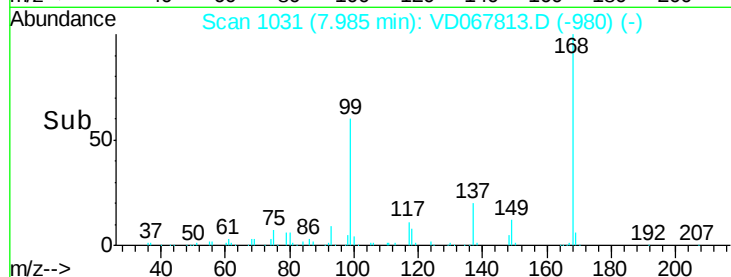
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 70.595 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067813.D

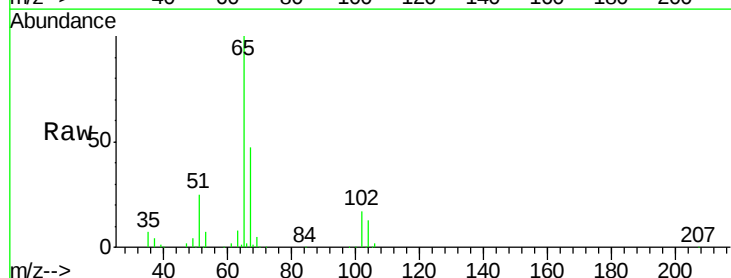
Acq: 30 Nov 2020 14:18

Tgt Ion: 65 Resp: 328971

Ion Ratio Lower Upper

65 100

67 45.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

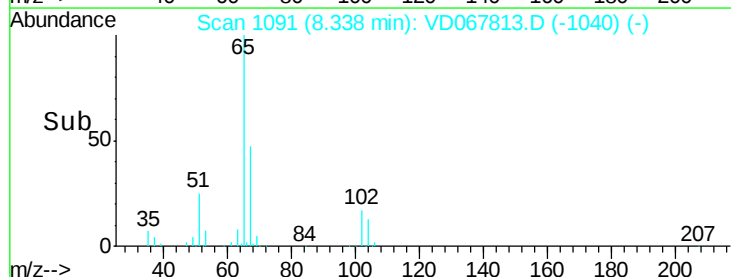
150000

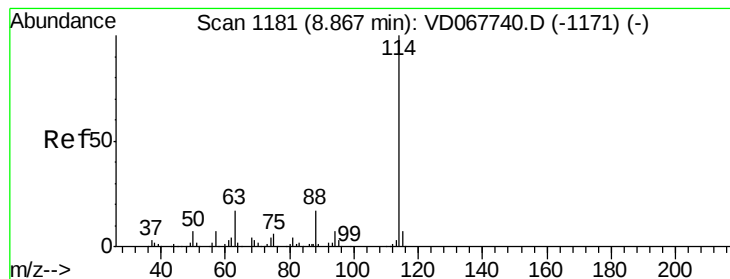
100000

50000

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: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

KENS-112020-BDRE

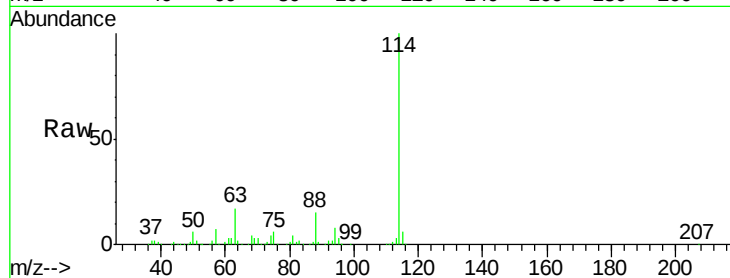
Tot Ion:114 Resp: 837734

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.8

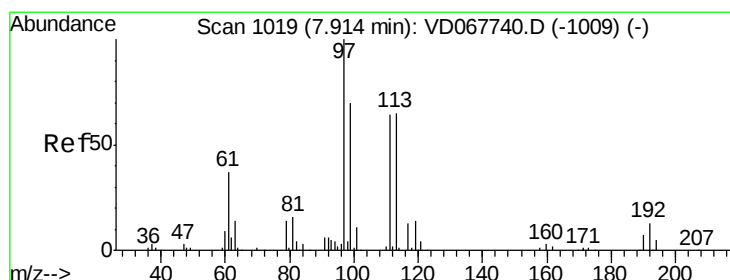
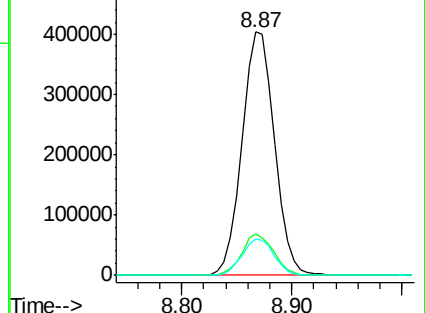
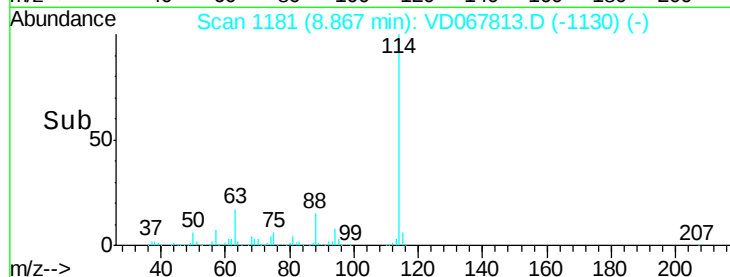
88 15.0 0.0 34.4



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: 51.840 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

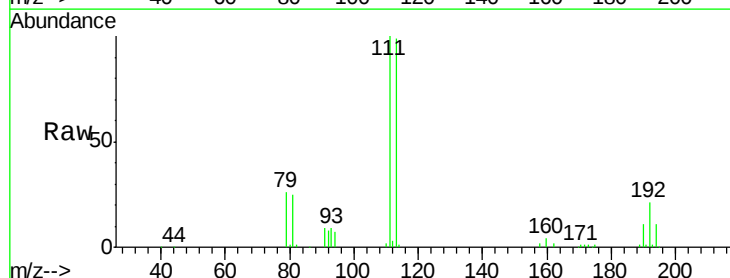
Tgt Ion:113 Resp: 276377

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

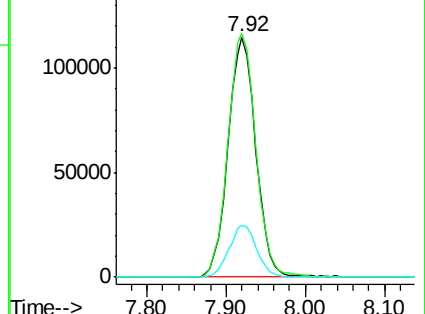
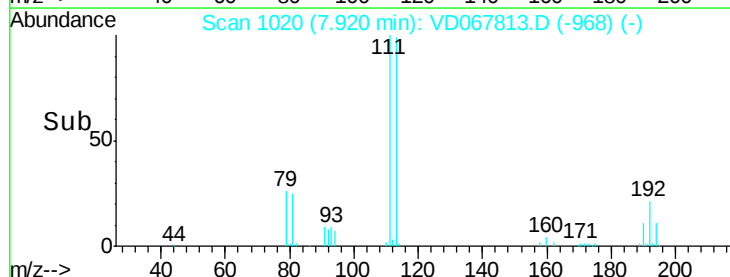
192 21.8 17.0 25.4

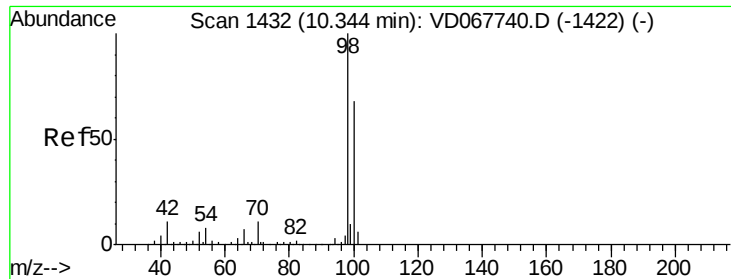


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.417 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

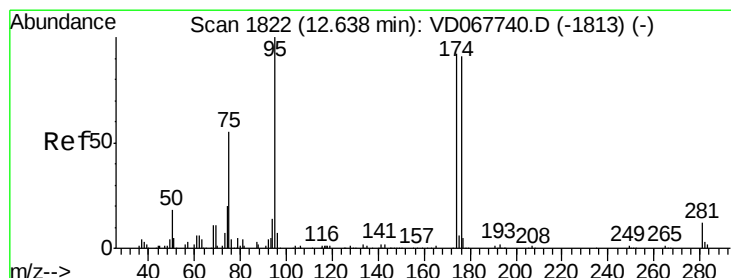
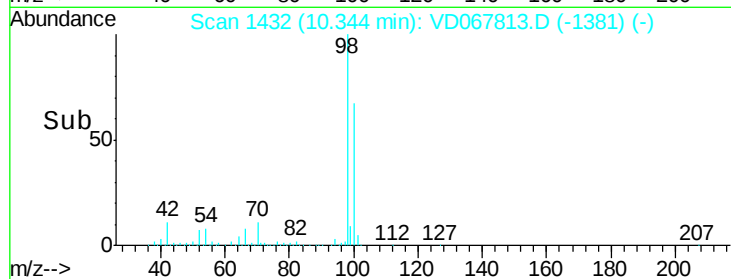
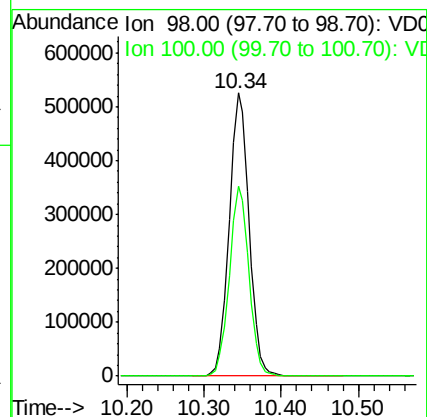
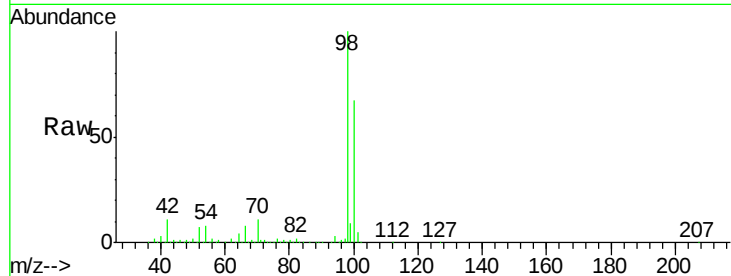
KENS-112020-BDRE

Tot Ion: 98 Resp: 943731

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 55.774 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

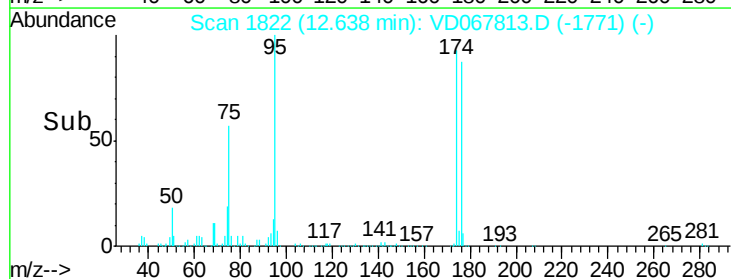
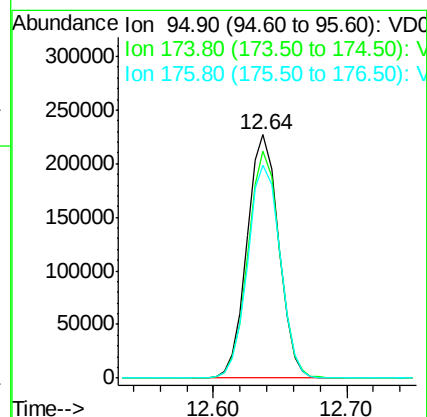
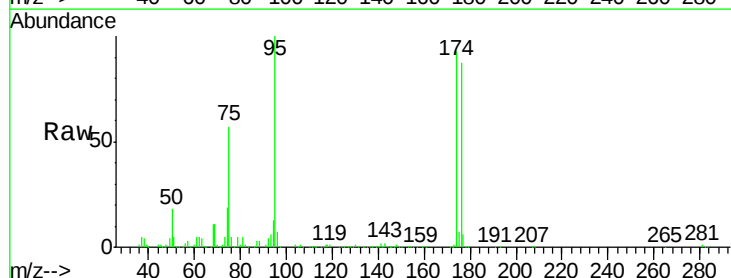
Tgt Ion: 95 Resp: 371586

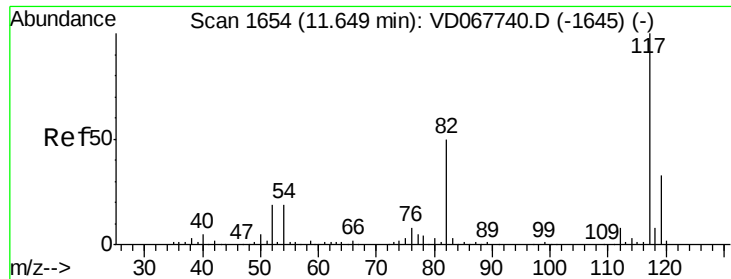
Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.4

176 89.9 0.0 178.2

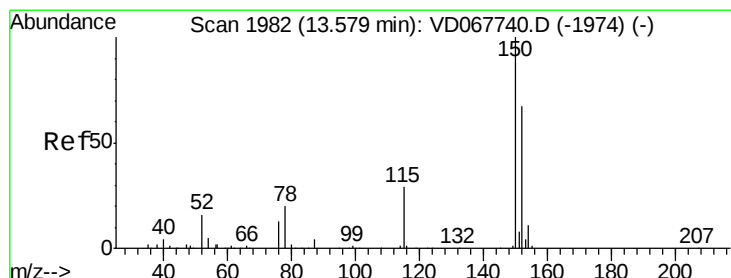
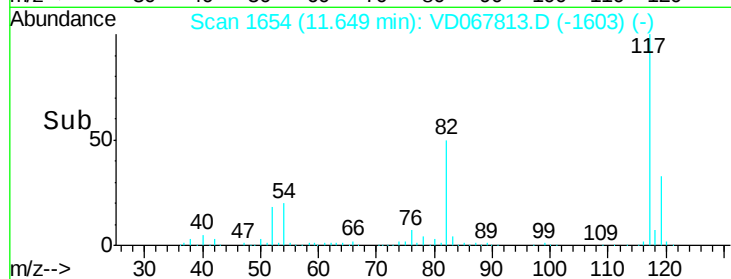
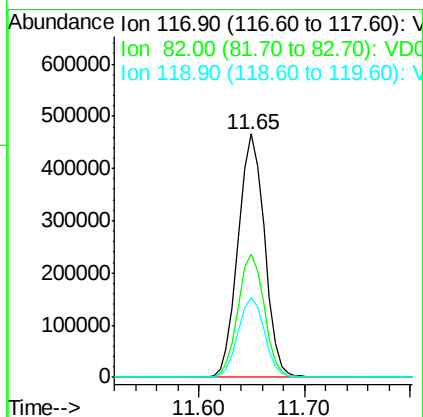
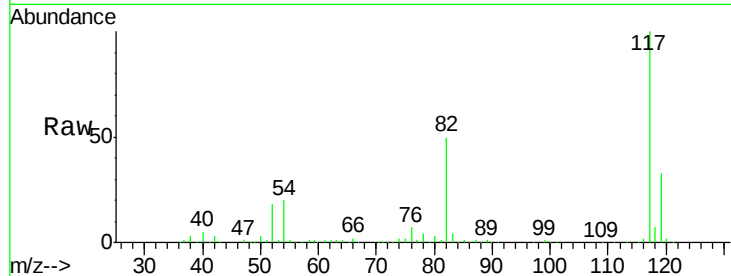




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067813.D
Acq: 30 Nov 2020 14:18

Instrument :
MSVOA_D
ClientSampleId :
KENS-112020-BDRE

Tot Ion:117 Resp: 807691
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 33.0 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: VD067813.D
Acq: 30 Nov 2020 14:18

Tgt Ion:152 Resp: 423862
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 158.4 0.0 340.6

