

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067872.D
 Acq On : 03 Dec 2020 17:27
 Operator : VA/SY
 Sample : L4916-01
 Misc : 7.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-12220

Quant Time: Dec 04 01:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	232904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	321353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	279382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	117860	47.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.28%
35) Dibromofluoromethane	7.92	113	98612	45.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.72%
50) Toluene-d8	10.34	98	369633	47.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.50%
62) 4-Bromofluorobenzene	12.64	95	112152	41.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.82%

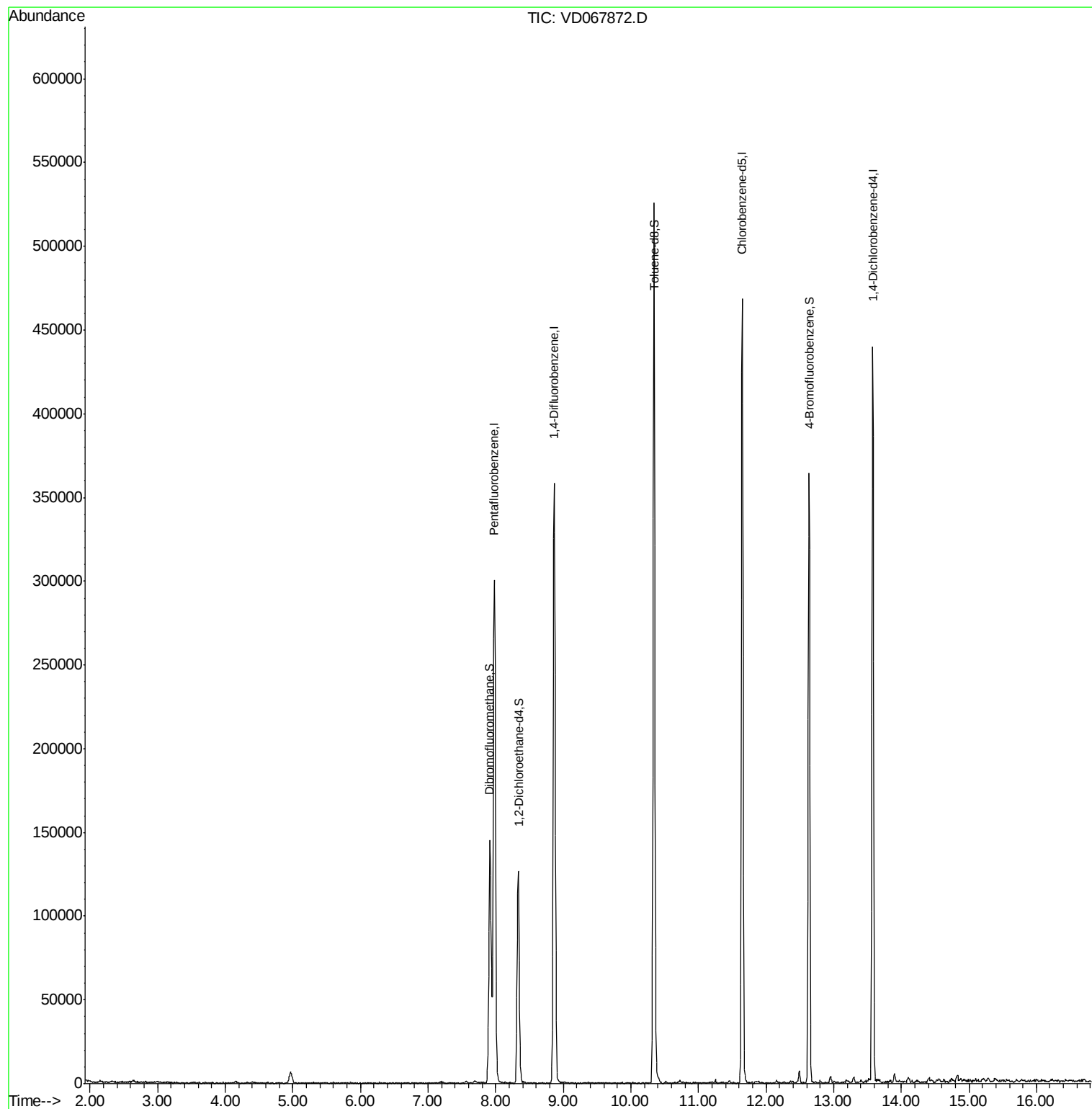
Target Compounds	Qvalue
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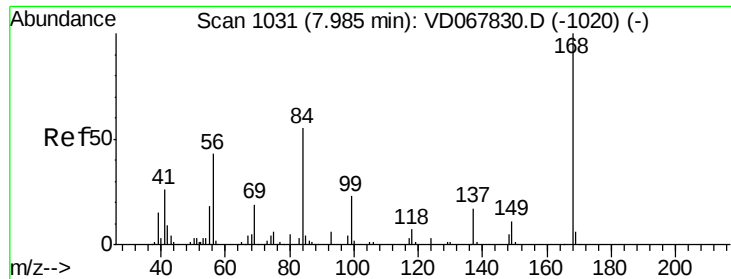
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067872.D

Acq: 03 Dec 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

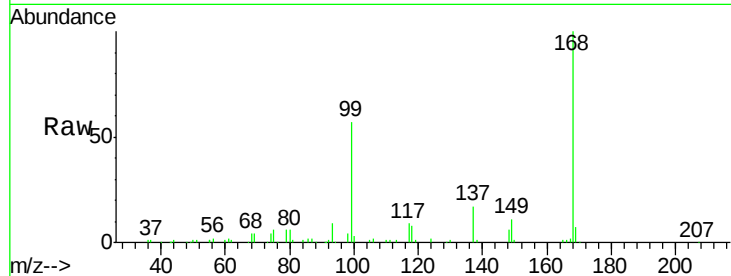
OK-01-12220

Tot Ion:168 Resp: 232904

Ion Ratio Lower Upper

168 100

99 57.2 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

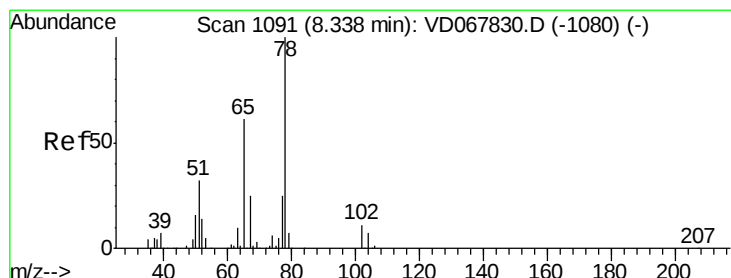
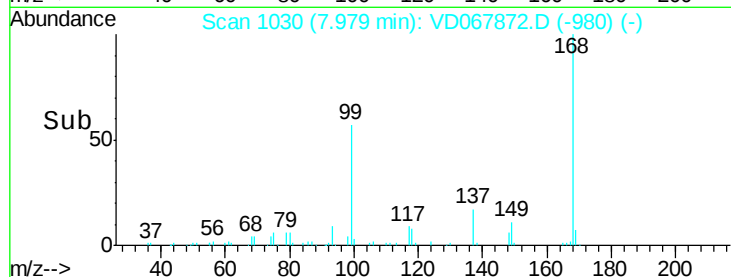
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.138 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067872.D

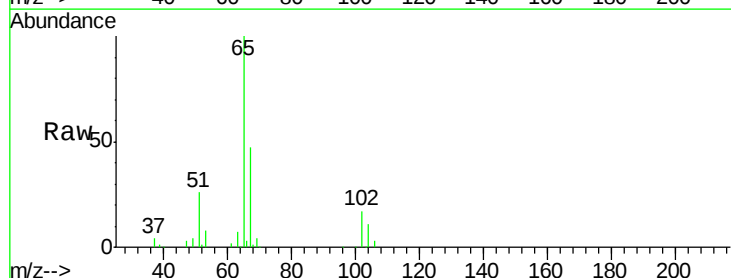
Acq: 03 Dec 2020 17:27

Tgt Ion: 65 Resp: 117860

Ion Ratio Lower Upper

65 100

67 46.2 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

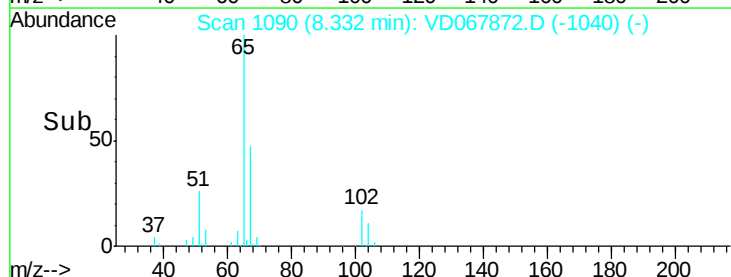
30000

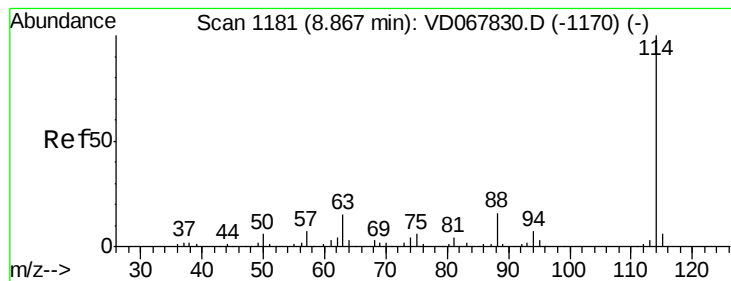
20000

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: VD067872.D

Acq: 03 Dec 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

OK-01-12220

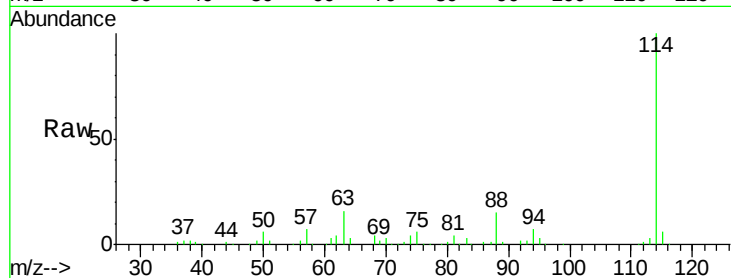
Tot Ion:114 Resp: 321353

Ion Ratio Lower Upper

114 100

63 16.5 0.0 30.8

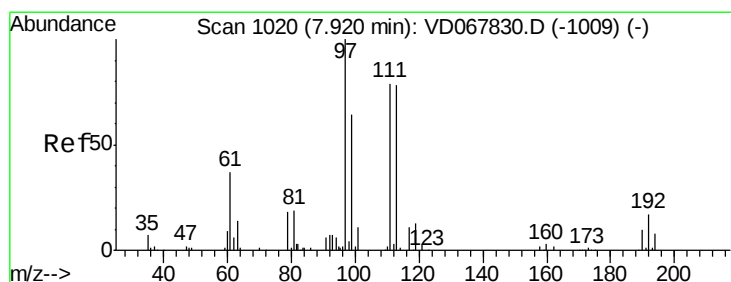
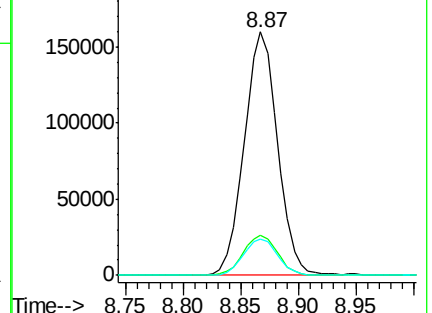
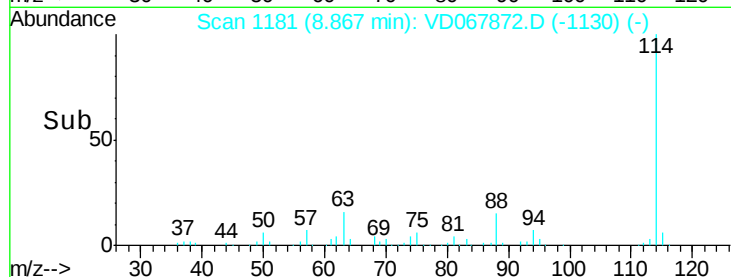
88 14.8 0.0 31.8



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: 45.859 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067872.D

Acq: 03 Dec 2020 17:27

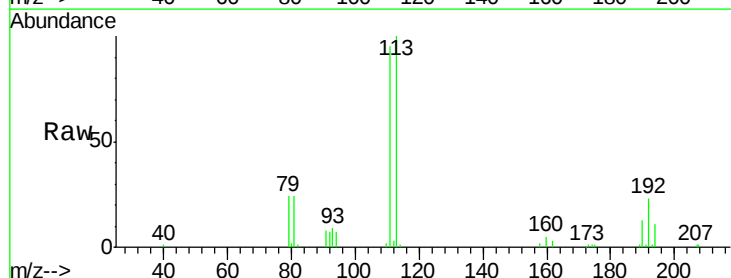
Tgt Ion:113 Resp: 98612

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

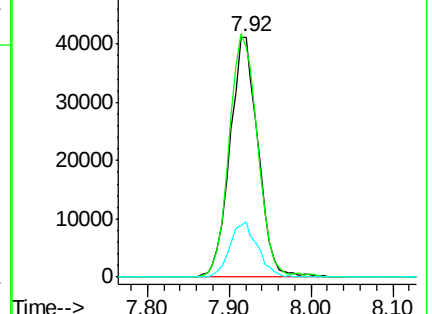
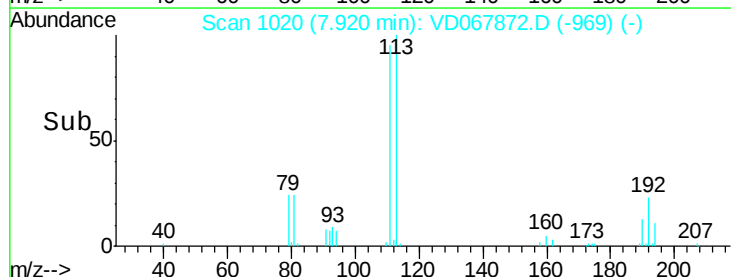
192 22.5 16.8 25.2

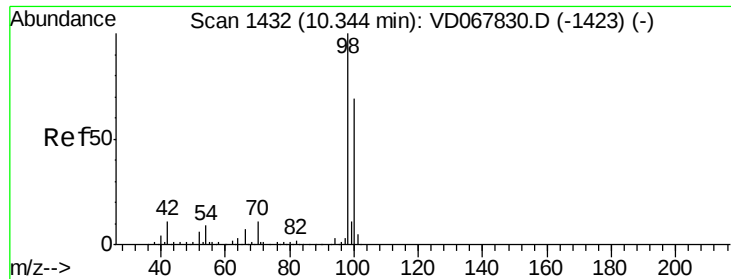


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.752 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067872.D

Acq: 03 Dec 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

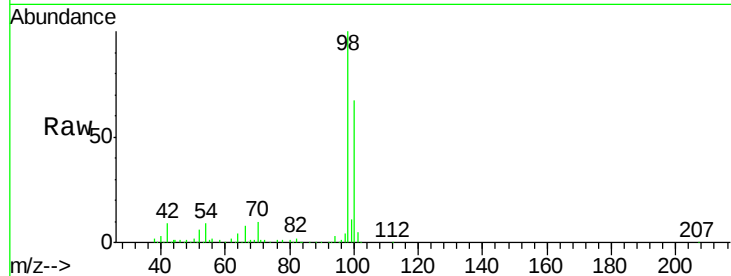
OK-01-12220

Tot Ion: 98 Resp: 369633

Ion Ratio Lower Upper

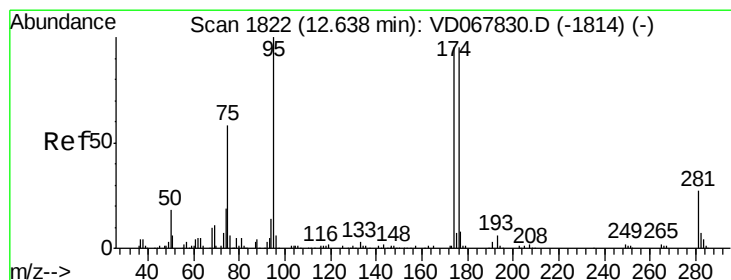
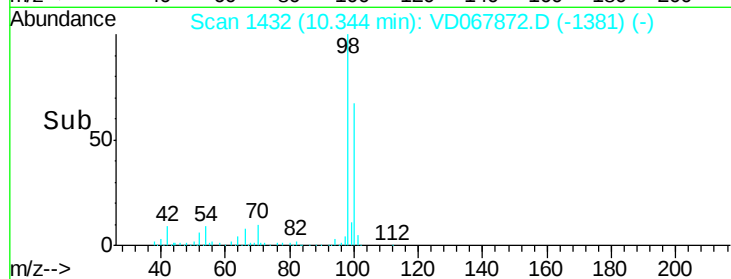
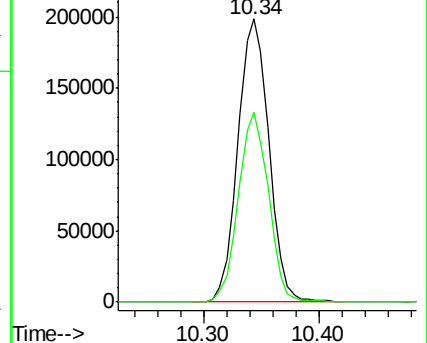
98 100

100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 41.907 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067872.D

Acq: 03 Dec 2020 17:27

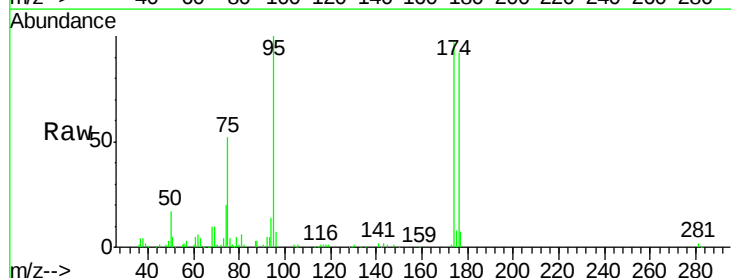
Tgt Ion: 95 Resp: 112152

Ion Ratio Lower Upper

95 100

174 96.2 0.0 186.0

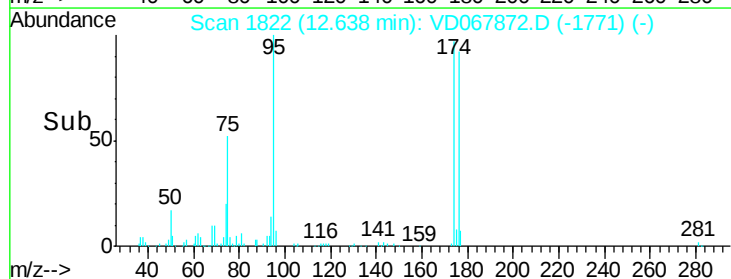
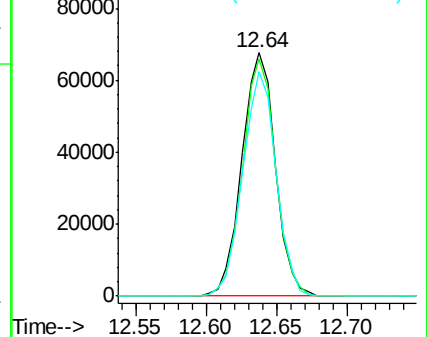
176 91.9 0.0 184.2

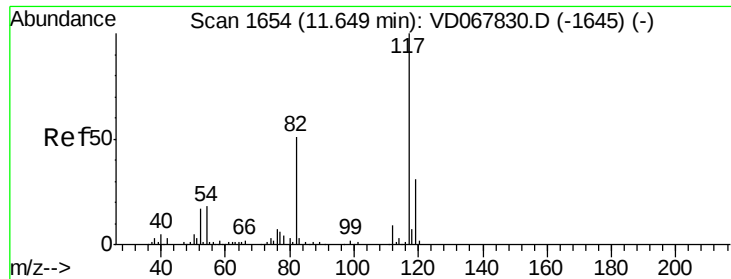


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

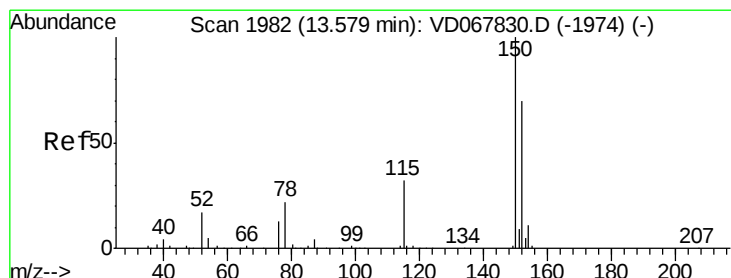
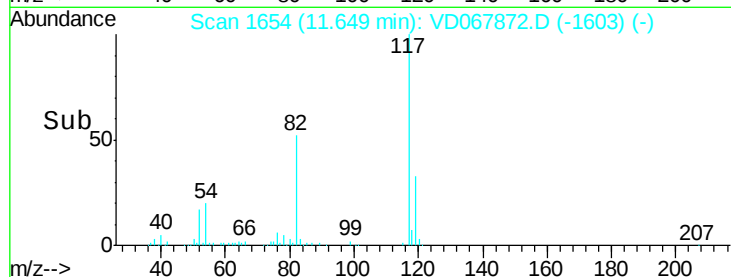
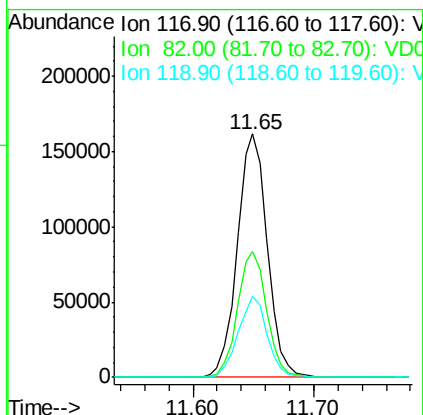
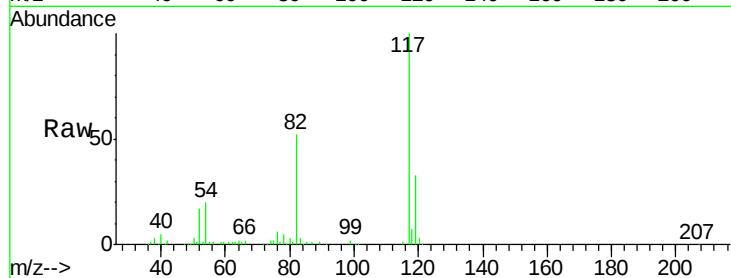




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tot Ion:117 Resp: 279382
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion:152 Resp: 122165
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.4
150 152.5 0.0 339.0

