

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067420.D
 Acq On : 27 Oct 2020 19:09
 Operator : VA/SY
 Sample : L4510-03
 Misc : 5.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-3

Quant Time: Oct 28 01:44:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	373489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	629215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	631726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	331175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	185592	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.92	113	200451	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.34	98	744752	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.64	95	287900	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	

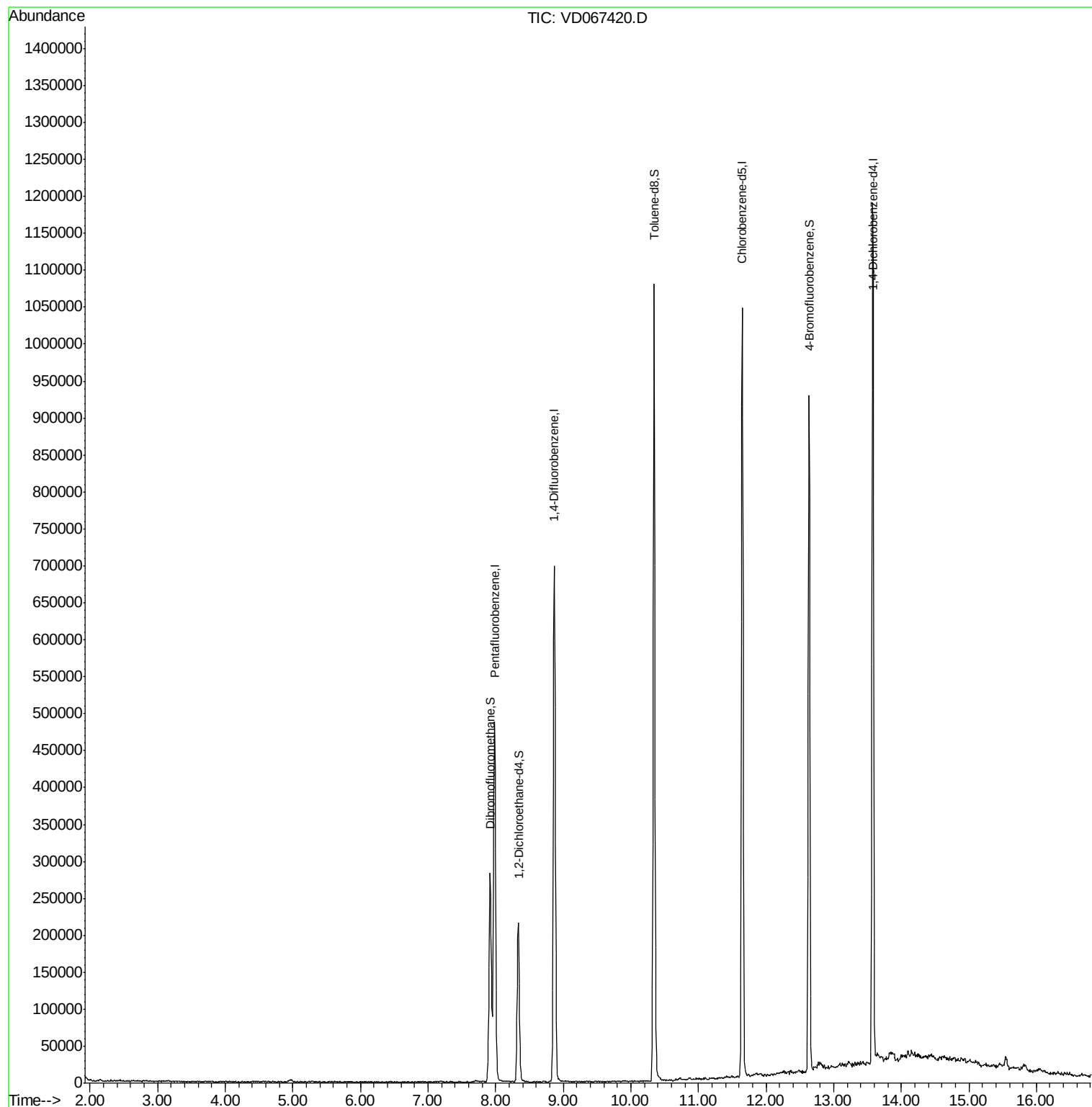
Target Compounds	Qvalue

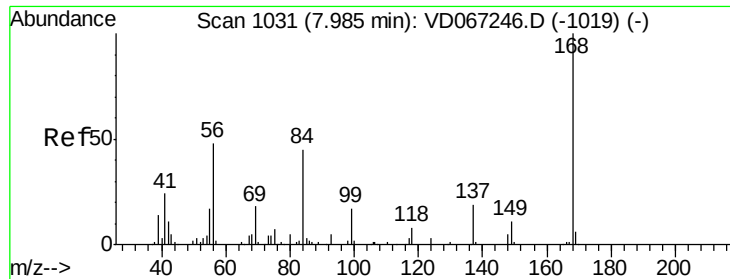
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067420.D

Acq: 27 Oct 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

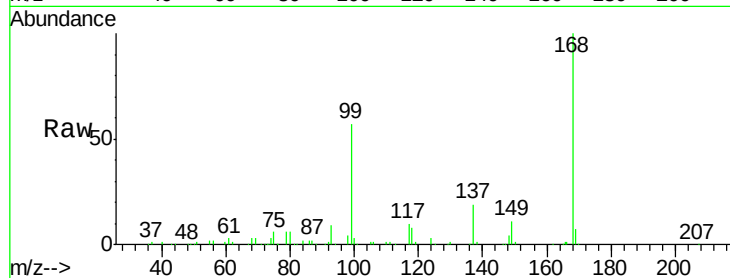
VOC-3

Tot Ion:168 Resp: 373489

Ion Ratio Lower Upper

168 100

99 57.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

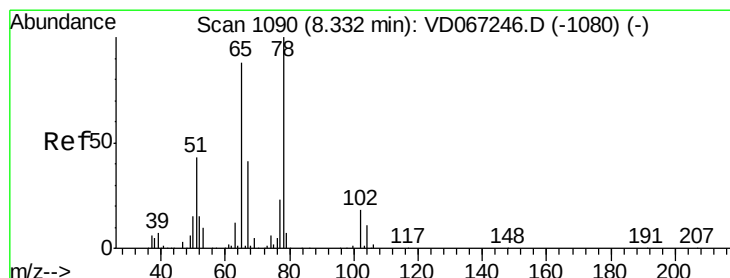
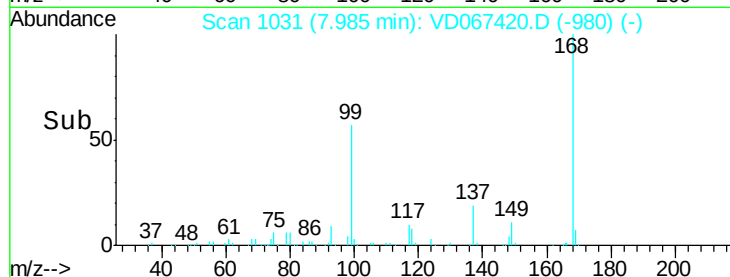
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.600 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067420.D

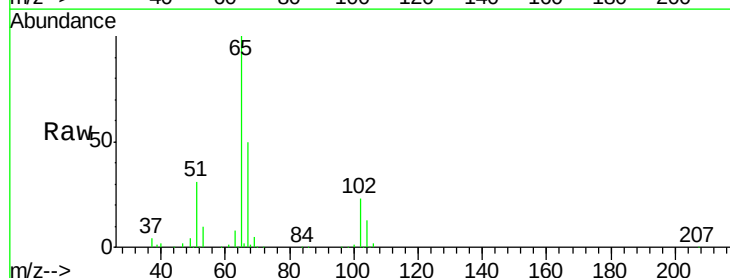
Acq: 27 Oct 2020 19:09

Tgt Ion: 65 Resp: 185592

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

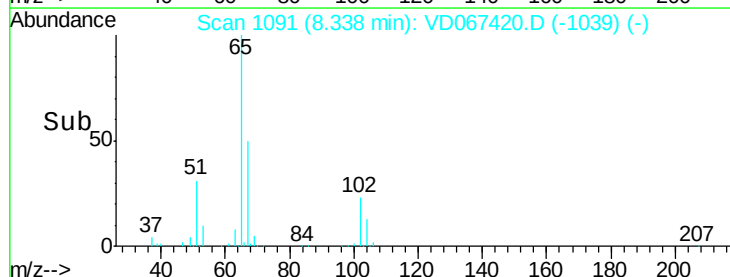
60000

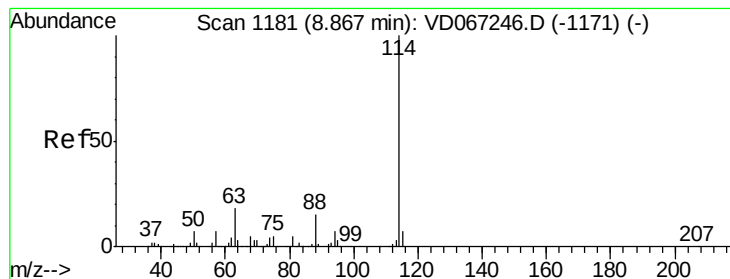
40000

20000

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: VD067420.D

Acq: 27 Oct 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

VOC-3

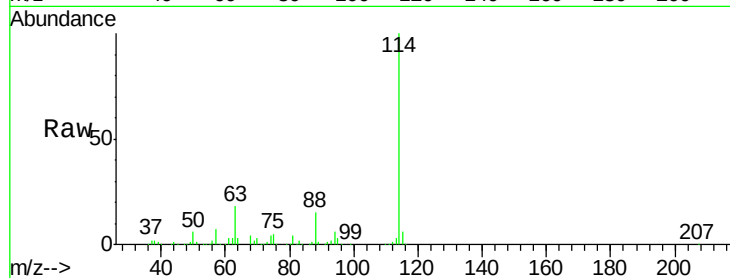
Tot Ion:114 Resp: 629215

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

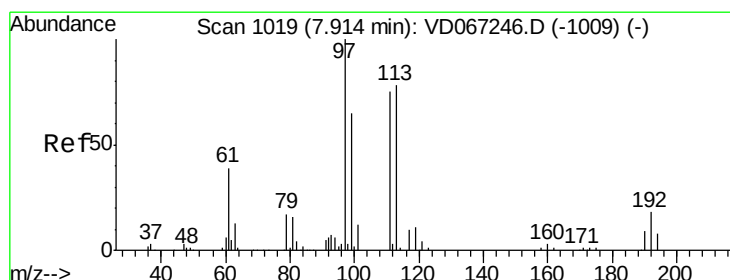
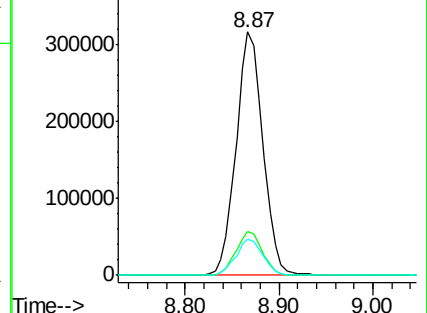
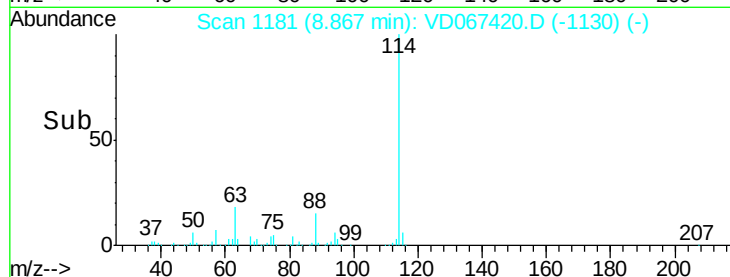
88 15.1 0.0 30.6



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: 47.870 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067420.D

Acq: 27 Oct 2020 19:09

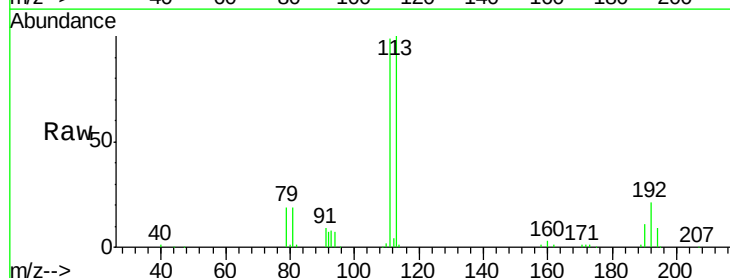
Tgt Ion:113 Resp: 200451

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

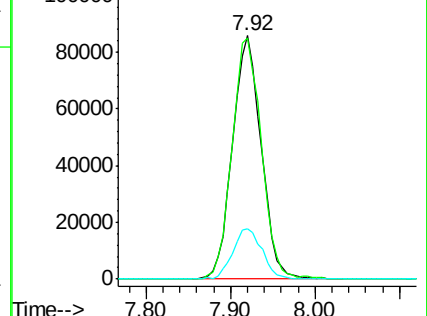
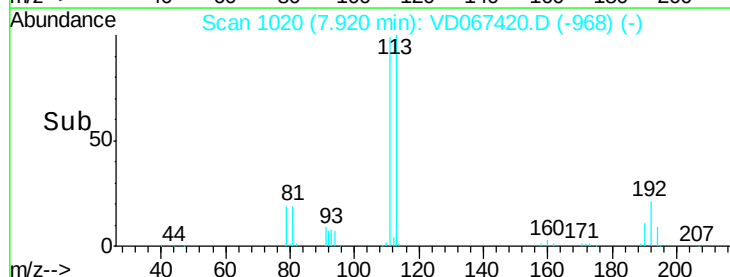
192 21.0 17.0 25.4

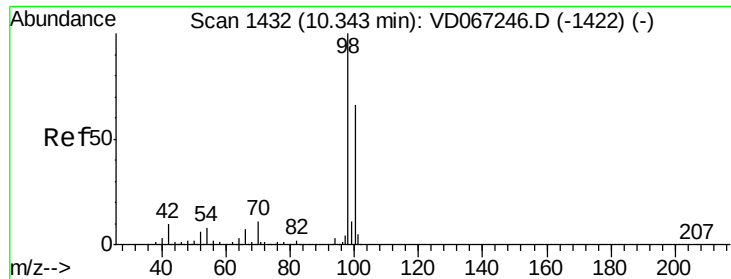


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.146 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067420.D

Acq: 27 Oct 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

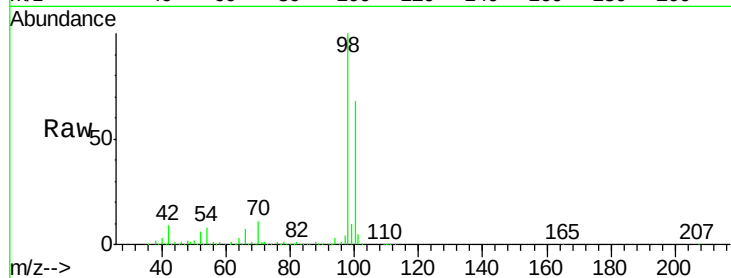
VOC-3

Tot Ion: 98 Resp: 744752

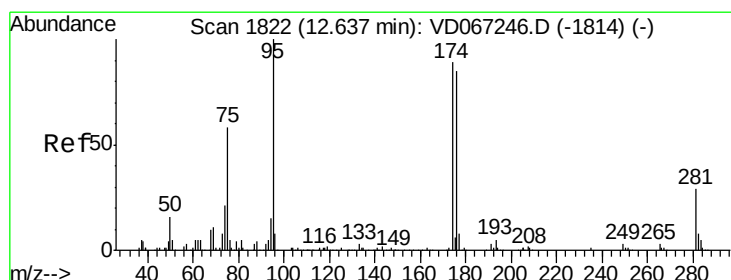
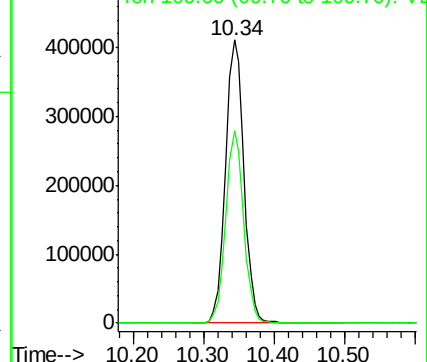
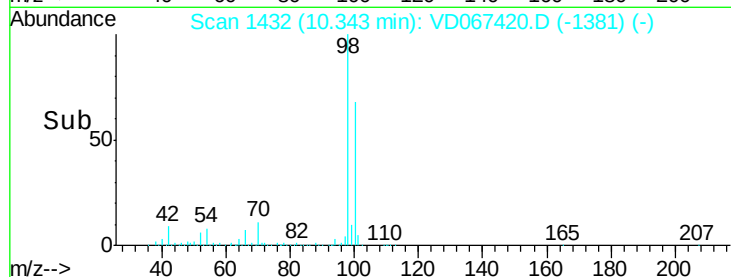
Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067420.D (-1381) (-)



#62

4-Bromofluorobenzene

Concen: 54.637 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067420.D

Acq: 27 Oct 2020 19:09

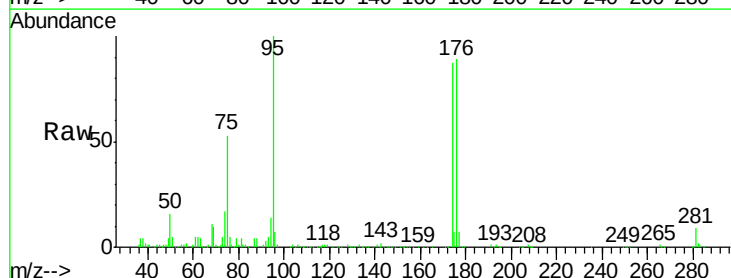
Tgt Ion: 95 Resp: 287900

Ion Ratio Lower Upper

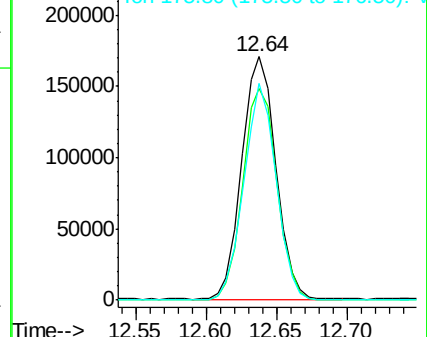
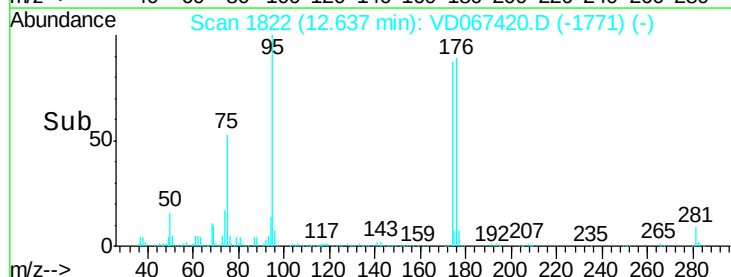
95 100

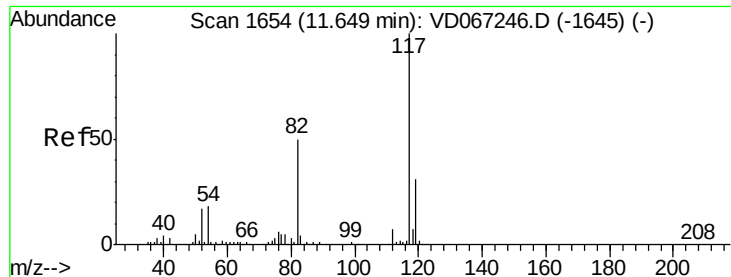
174 87.5 0.0 175.2

176 84.6 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067420.D (-1771) (-)

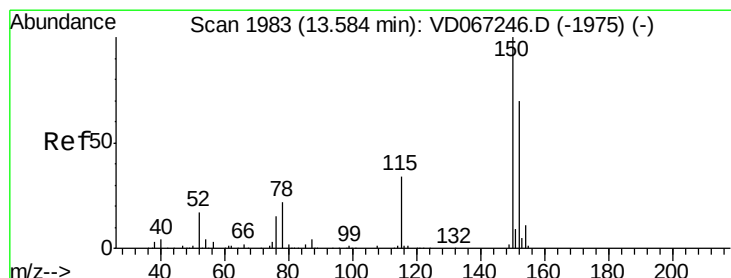
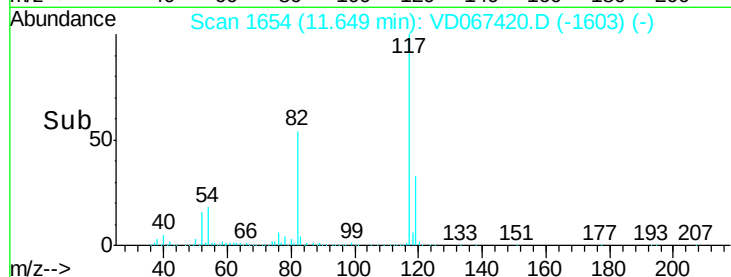
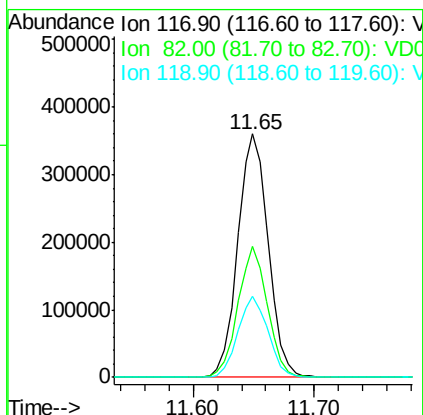
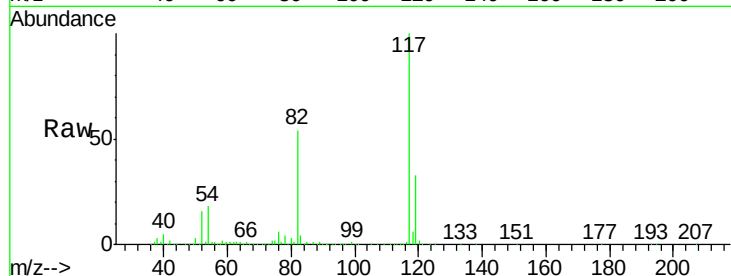




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067420.D
Acq: 27 Oct 2020 19:09

Instrument :
MSVOA_D
ClientSampleId :
VOC-3

Tot Ion:117 Resp: 631726
Ion Ratio Lower Upper
117 100
82 53.7 39.9 59.9
119 33.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067420.D
Acq: 27 Oct 2020 19:09

Tgt Ion:152 Resp: 331175
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.9
150 155.4 0.0 339.0

