

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067413.D
 Acq On : 27 Oct 2020 15:57
 Operator : VA/SY
 Sample : L4510-08
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-8

Quant Time: Oct 28 01:21:29 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

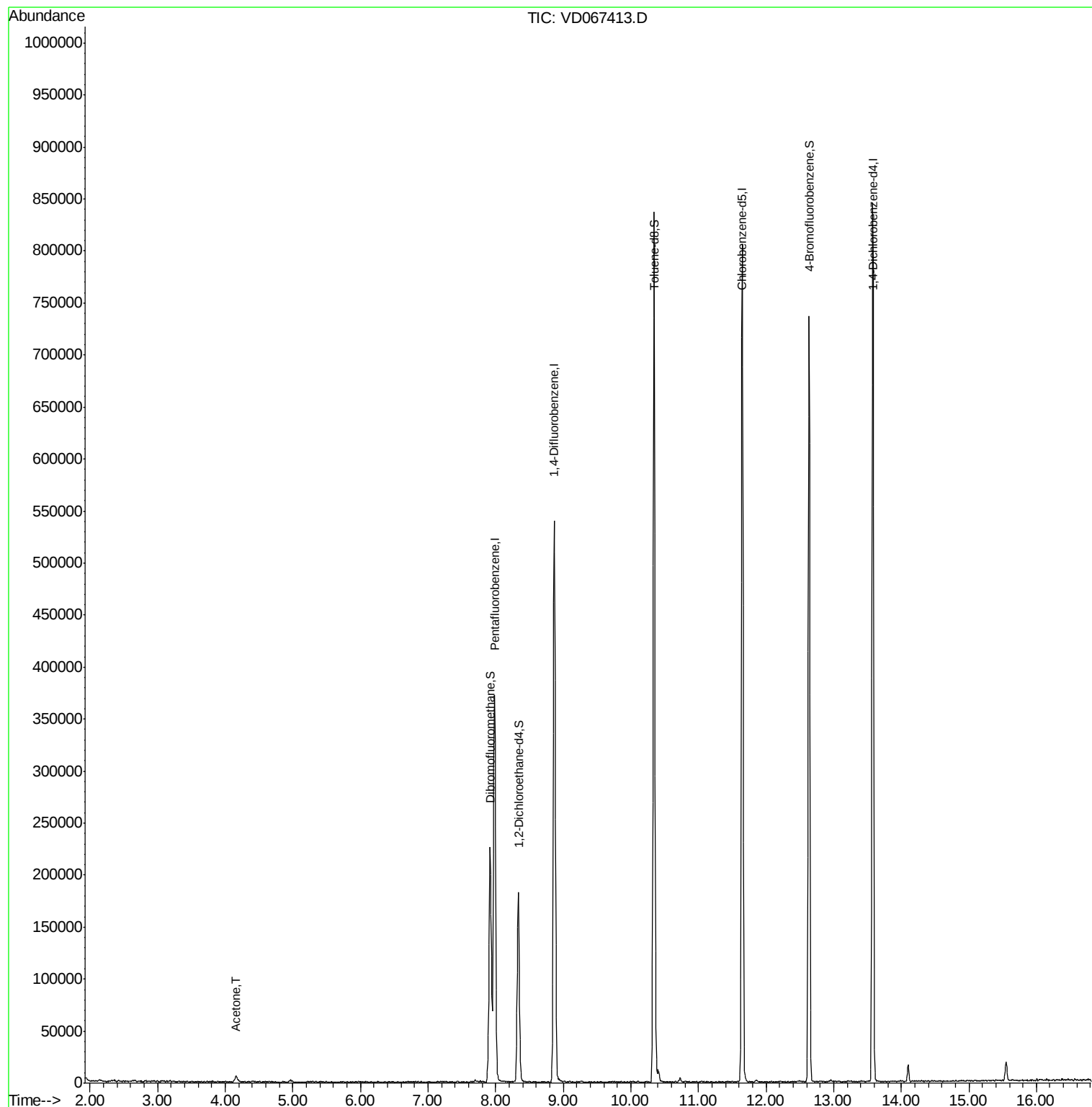
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	284747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	481847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	484110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156702	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
35) Dibromofluoromethane	7.92	113	157787	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.34	98	580548	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.64	95	208909	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
Target Compounds						
16) Acetone	4.16	43	10221	25.583	ug/l #	Qvalue 88

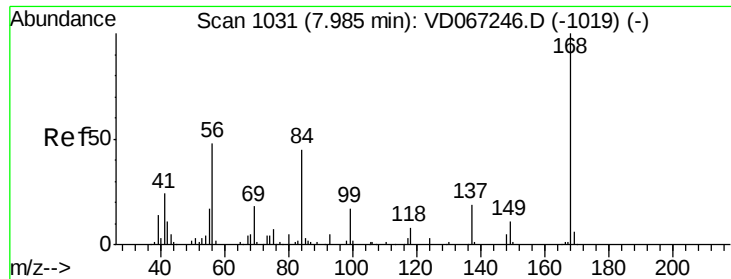
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067413.D

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MSVOA_D

ClientSampleId :

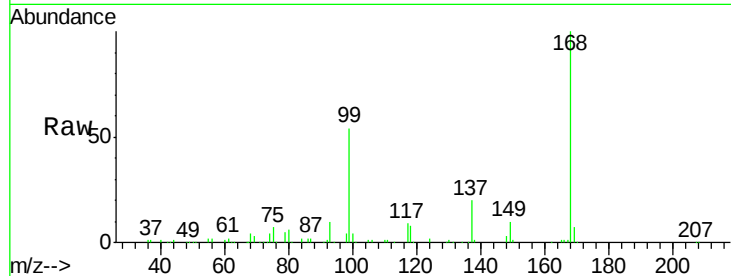
VOC-8

Tot Ion:168 Resp: 284747

Ion Ratio Lower Upper

168 100

99 53.8 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

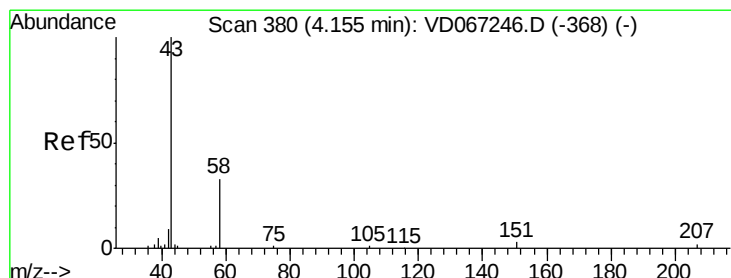
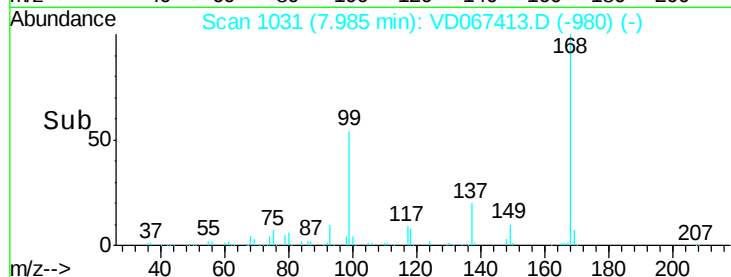
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 25.583 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067413.D

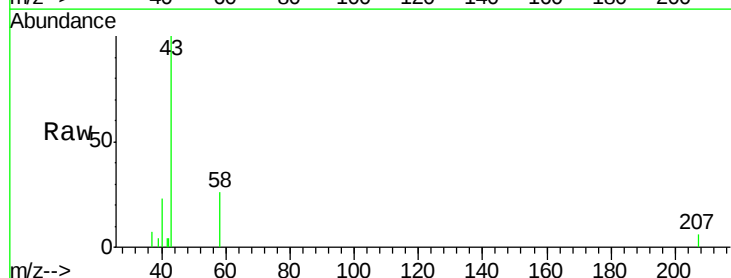
Acq: 27 Oct 2020 15:57

Tgt Ion: 43 Resp: 10221

Ion Ratio Lower Upper

43 100

58 25.6 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

4000

3000

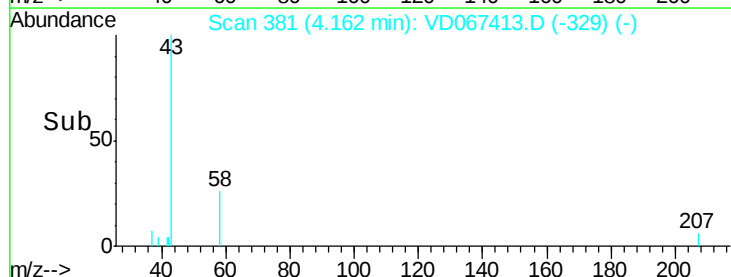
2000

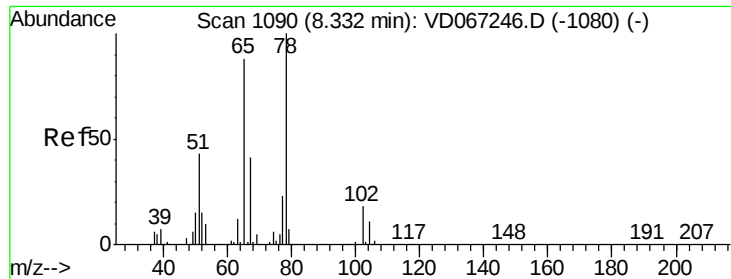
1000

0

Time-->

4.05 4.10 4.15 4.20 4.25





#33

1,2-Dichloroethane-d4

Concen: 54.930 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067413.D

Acq: 27 Oct 2020 15:57

Instrument :

MSVOA_D

ClientSampleId :

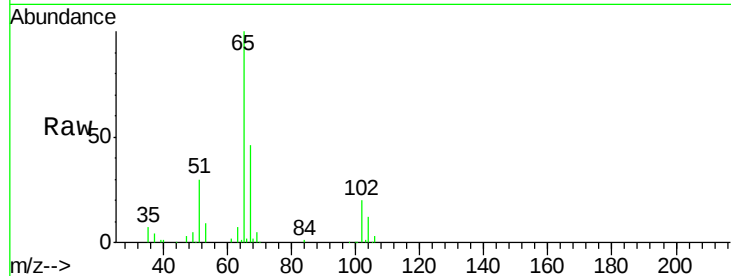
VOC-8

Tot Ion: 65 Resp: 156702

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

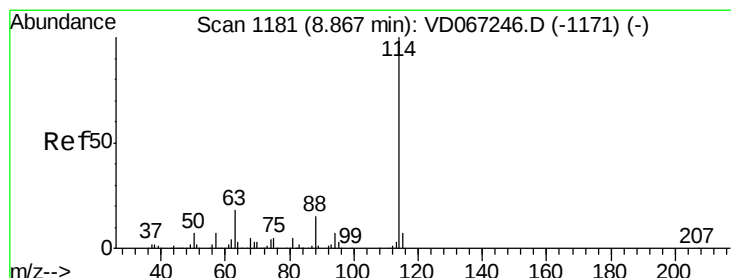
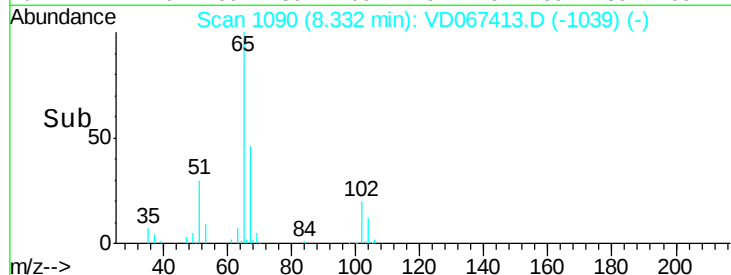
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067413.D

Acq: 27 Oct 2020 15:57

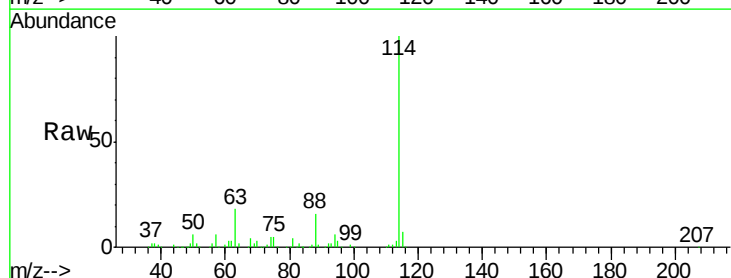
Tgt Ion: 114 Resp: 481847

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.6 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

300000

250000

200000

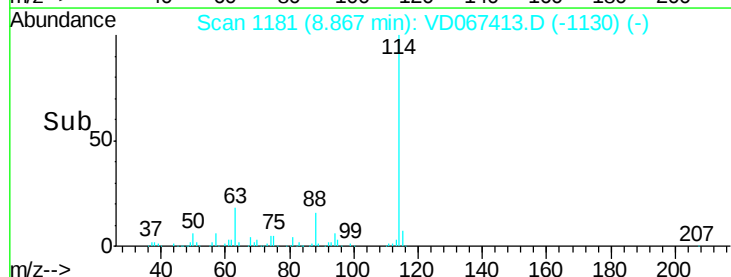
150000

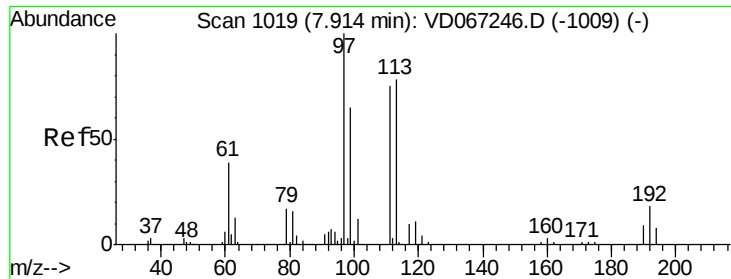
100000

50000

0

Time--> 8.80 8.90

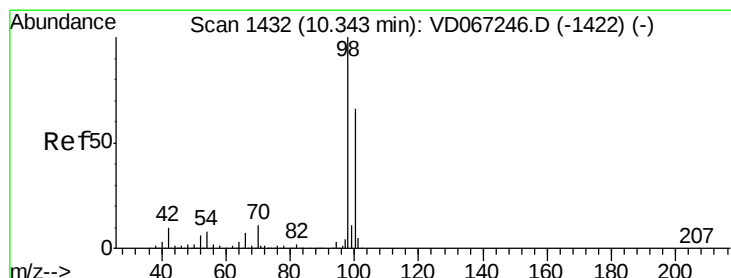
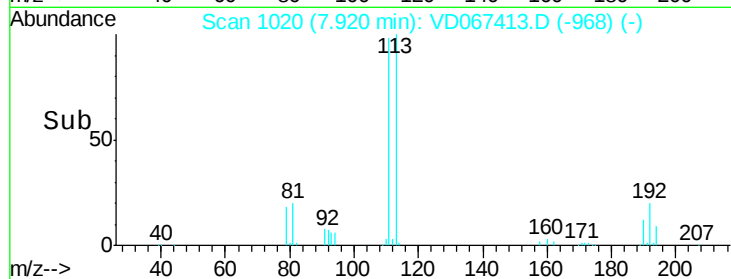
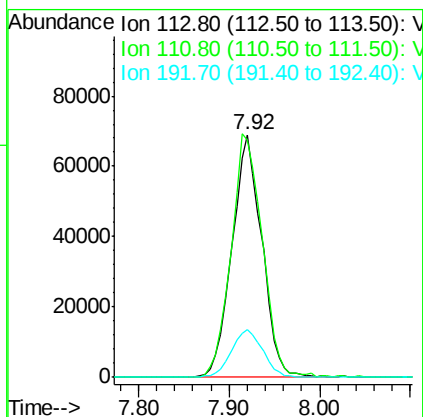
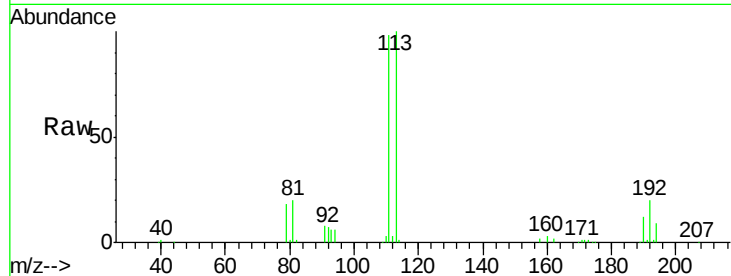




#35
 Dibromofluoromethane
 Concen: 49.205 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067413.D
 Acq: 27 Oct 2020 15:57

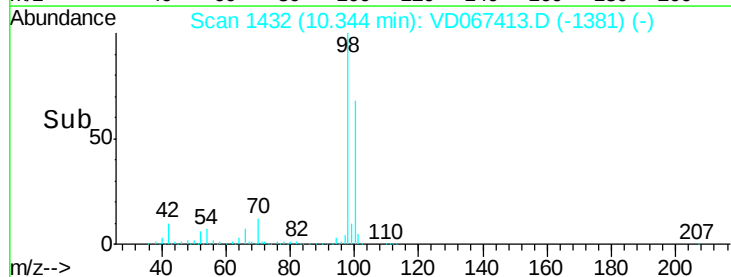
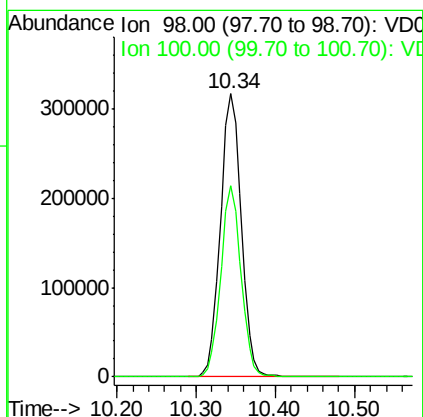
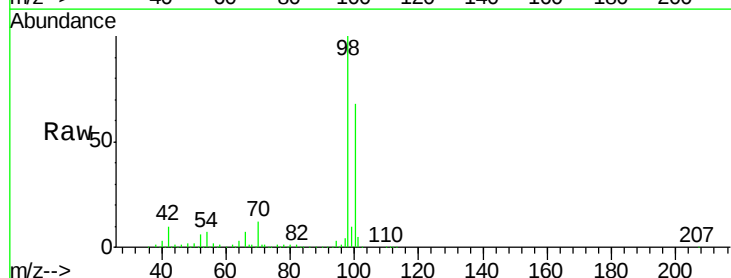
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-8

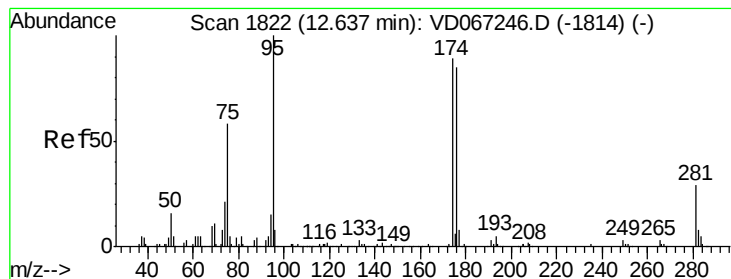
Tot Ion:113 Resp: 157787
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.6 122.4
 192 20.6 17.0 25.4



#50
 Toluene-d8
 Concen: 50.027 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067413.D
 Acq: 27 Oct 2020 15:57

Tgt Ion: 98 Resp: 580548
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.771 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067413.D

Acq: 27 Oct 2020 15:57

Instrument :

MSVOA_D

ClientSampleId :

VOC-8

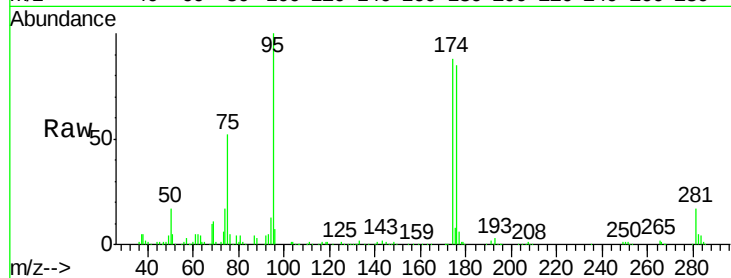
Tot Ion: 95 Resp: 208909

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.2

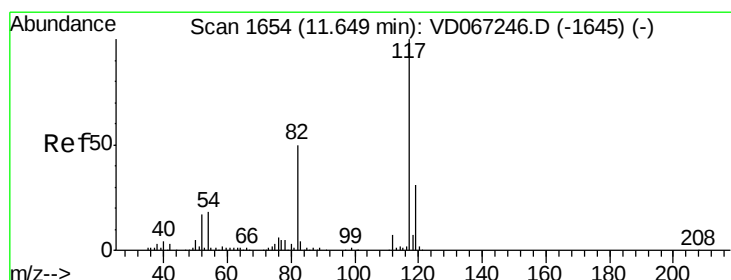
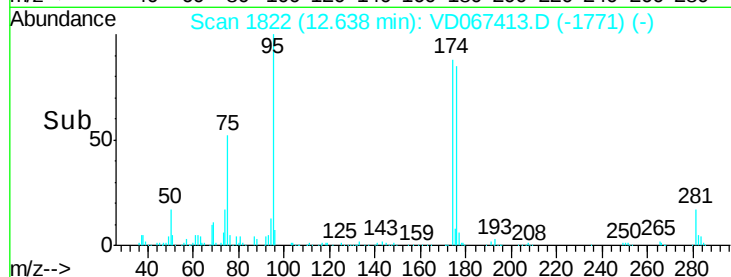
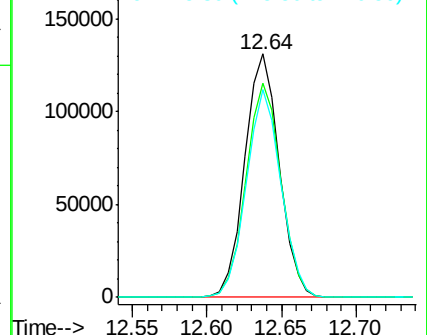
176 85.8 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067413.D

Acq: 27 Oct 2020 15:57

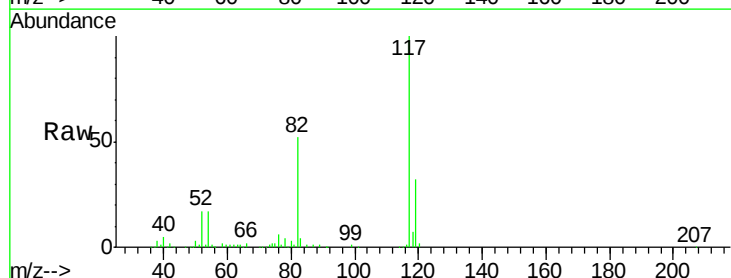
Tgt Ion: 117 Resp: 484110

Ion Ratio Lower Upper

117 100

82 51.5 39.9 59.9

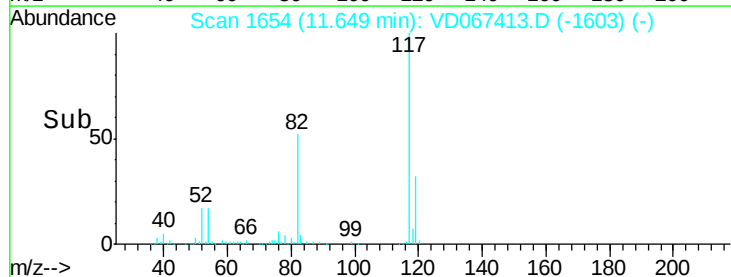
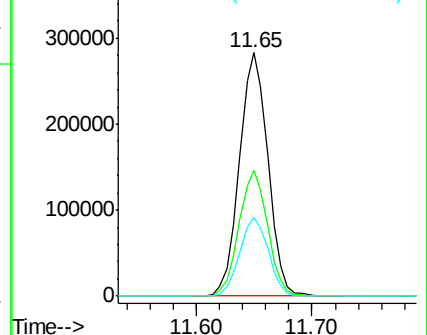
119 32.2 24.9 37.3

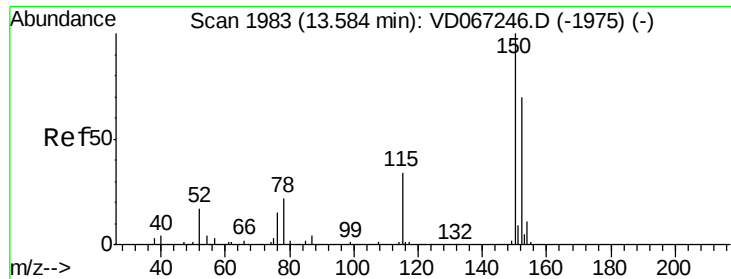


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.01 min

Lab File: VD067413.D

Acq: 27 Oct 2020 15:57

Instrument :

MSVOA_D

ClientSampleId :

VOC-8

Tot Ion:152 Resp: 236078

Ion Ratio Lower Upper

152 100

115 58.7 29.3 87.9

150 158.0 0.0 339.0

