

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067421.D
 Acq On : 27 Oct 2020 19:37
 Operator : VA/SY
 Sample : L4510-05
 Misc : 6.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-5

Quant Time: Oct 28 01:47:19 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

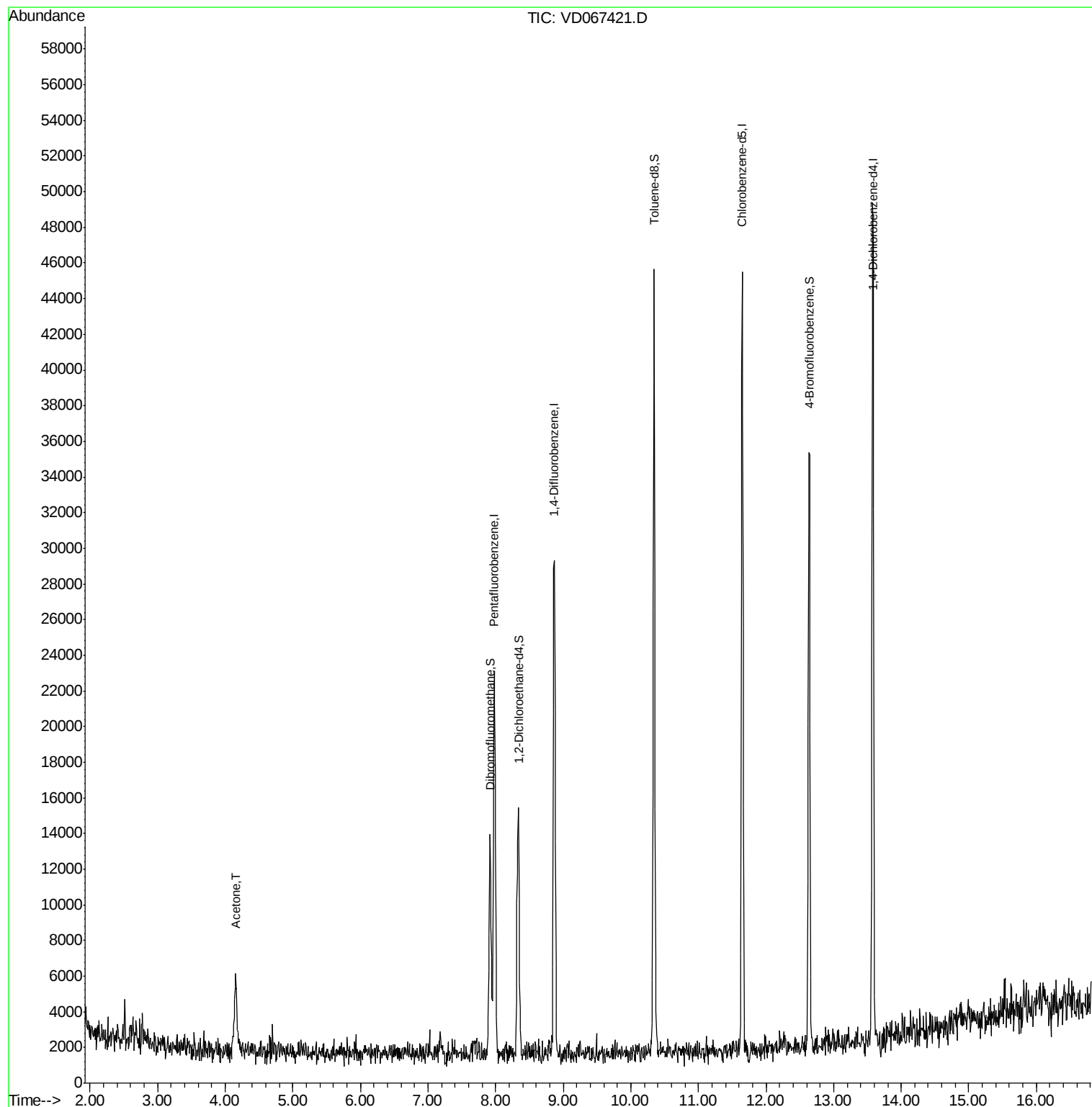
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	15176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	24851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	25689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	13647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	11907	78.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.62%	
35) Dibromofluoromethane	7.92	113	8251	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.34	98	30612	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.64	95	11234	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
Target Compounds						
16) Acetone	4.16	43	8094	380.119	ug/l #	Qvalue 82

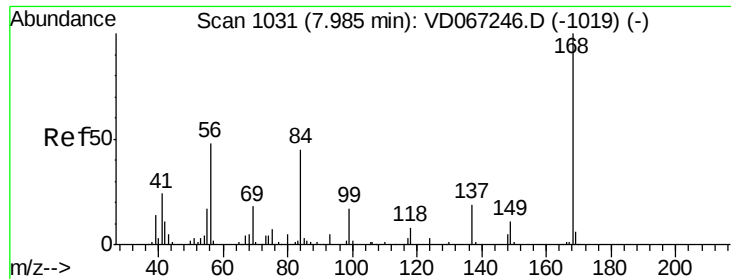
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067421.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_D

ClientSampled :

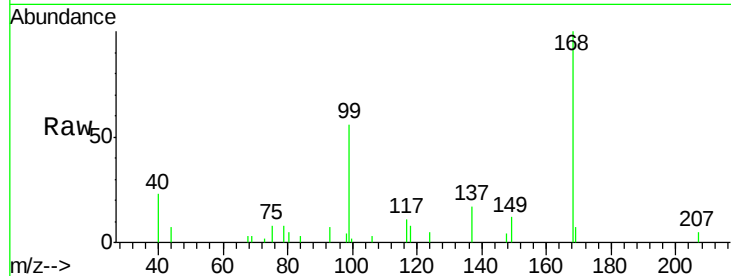
VOC-5

Tot Ion:168 Resp: 15176

Ion Ratio Lower Upper

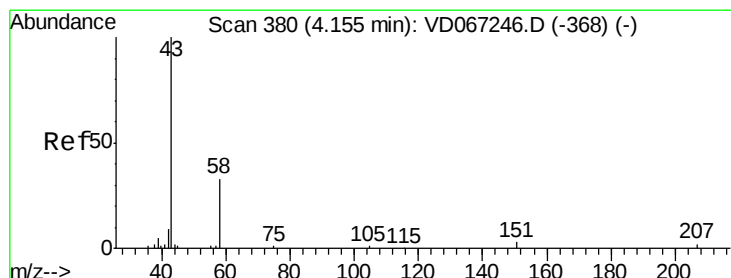
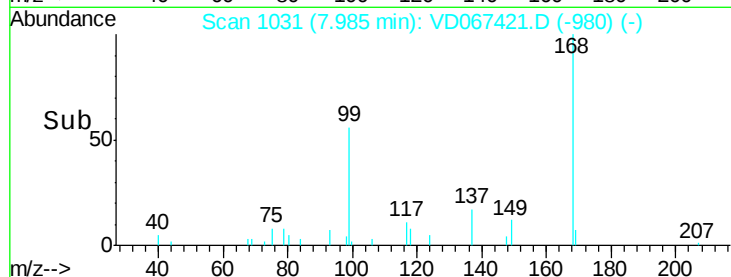
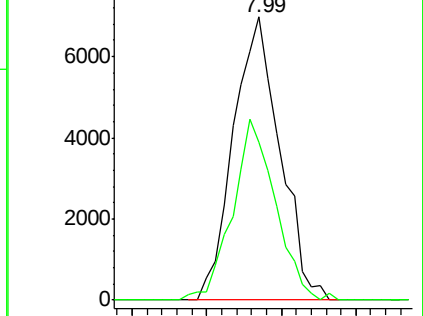
168 100

99 56.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 380.119 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067421.D

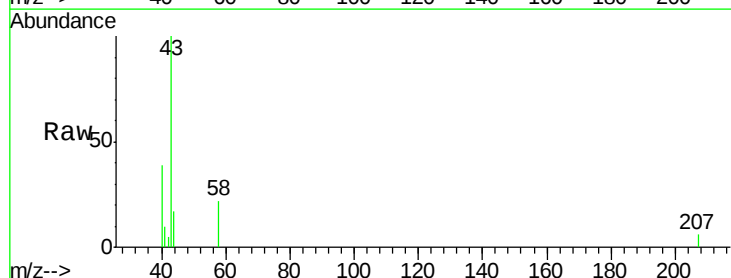
Acq: 27 Oct 2020 19:37

Tgt Ion: 43 Resp: 8094

Ion Ratio Lower Upper

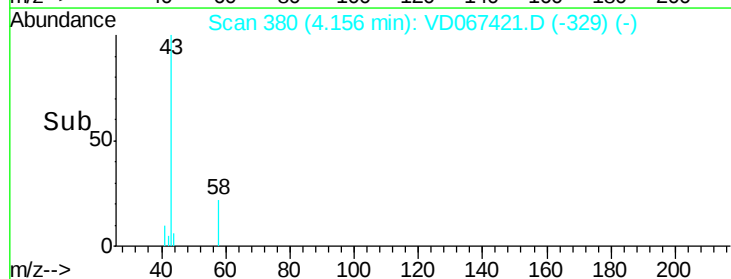
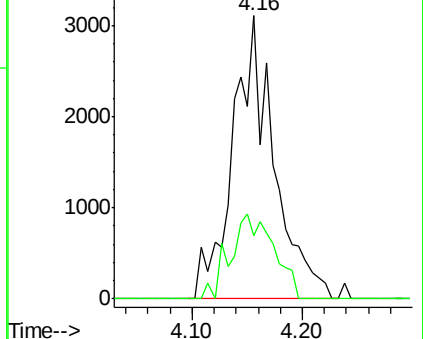
43 100

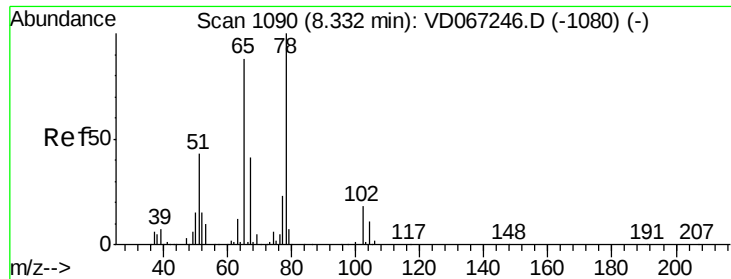
58 22.3 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 78.315 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067421.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_D

ClientSampleId :

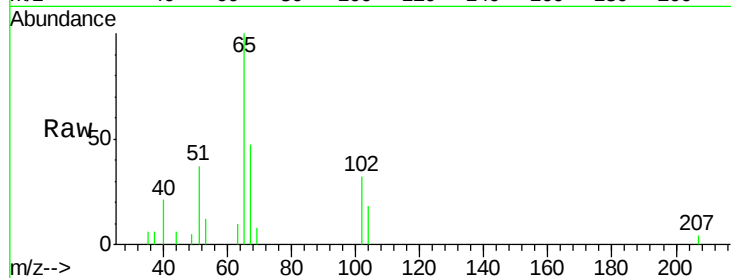
VOC-5

Tot Ion: 65 Resp: 11907

Ion Ratio Lower Upper

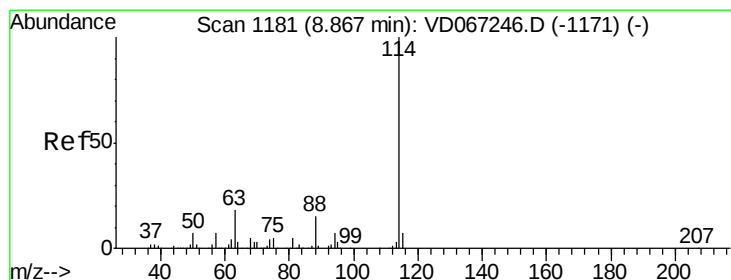
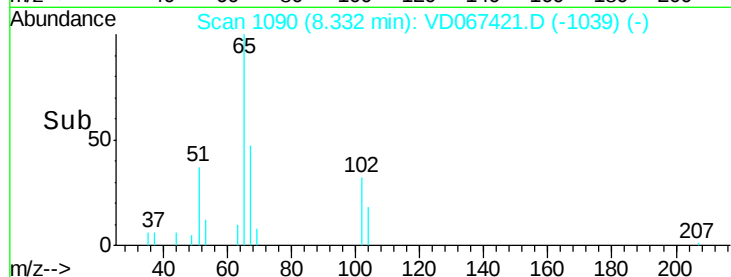
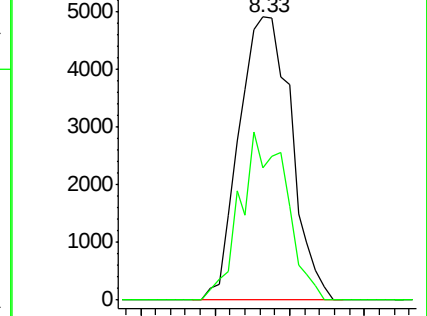
65 100

67 52.2 0.0 103.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD067421.D

Acq: 27 Oct 2020 19:37

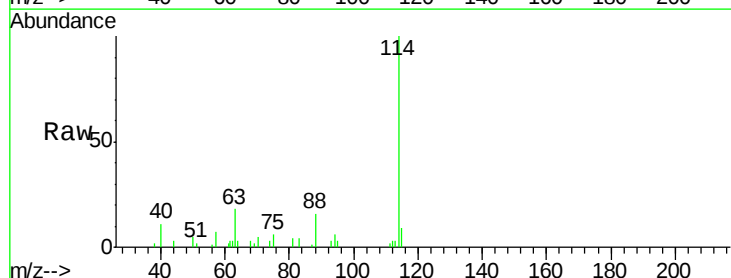
Tgt Ion: 114 Resp: 24851

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

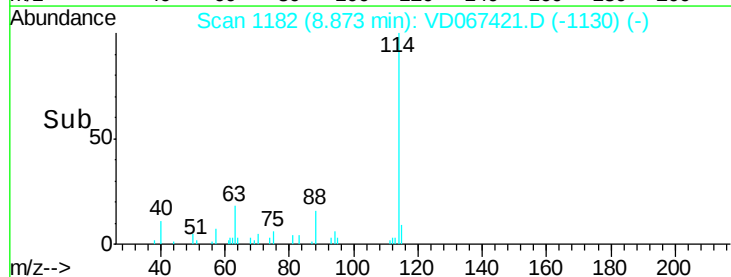
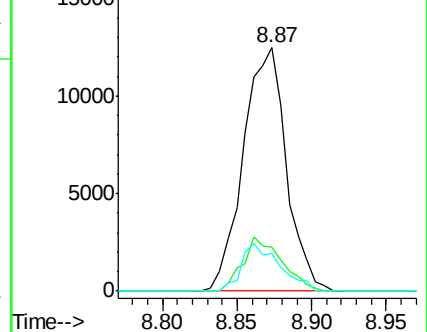
88 15.6 0.0 30.6

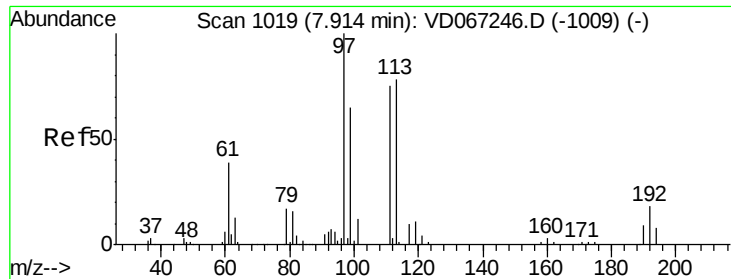


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

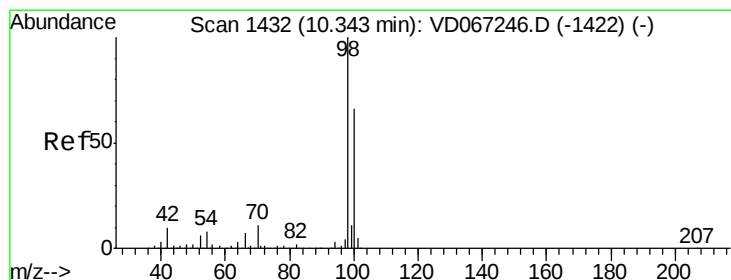
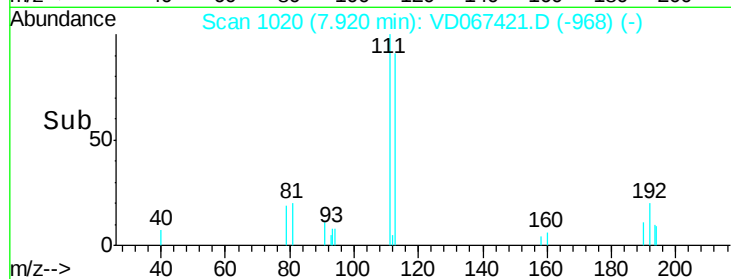
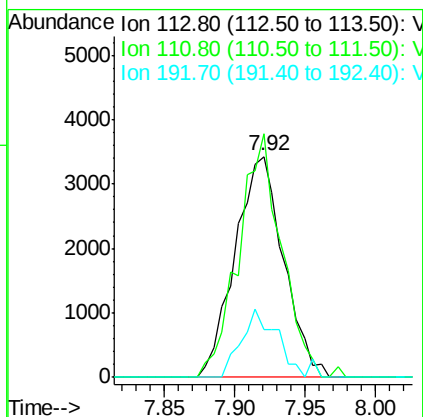
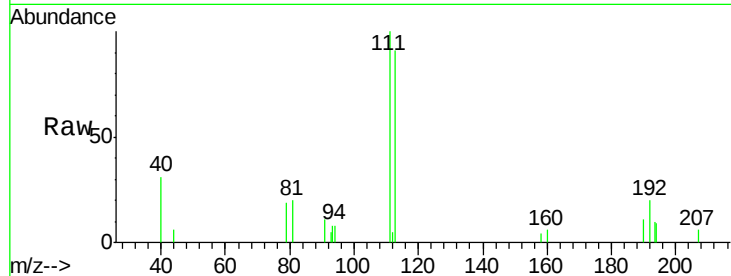




#35
 Dibromofluoromethane
 Concen: 49.890 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067421.D
 Acq: 27 Oct 2020 19:37

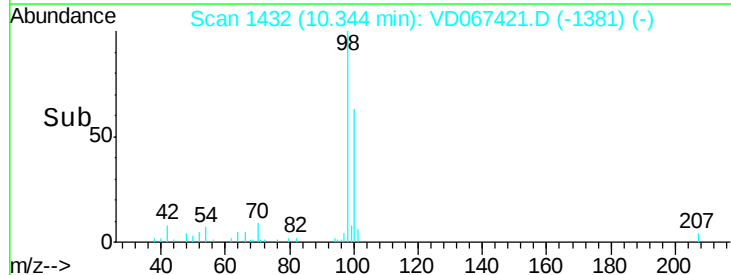
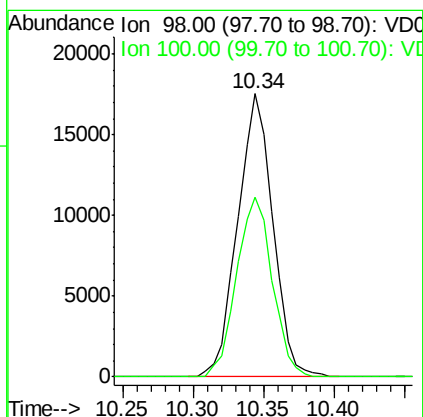
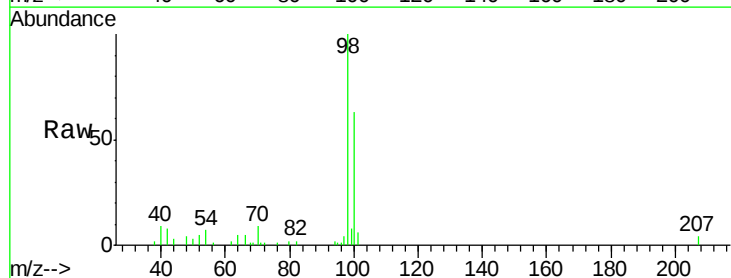
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-5

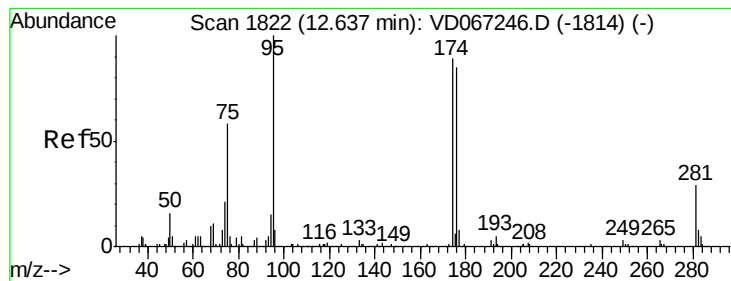
Tot Ion:113 Resp: 8251
 Ion Ratio Lower Upper
 113 100
 111 97.0 81.6 122.4
 192 22.4 17.0 25.4



#50
 Toluene-d8
 Concen: 51.147 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067421.D
 Acq: 27 Oct 2020 19:37

Tgt Ion: 98 Resp: 30612
 Ion Ratio Lower Upper
 98 100
 100 64.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 53.980 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD067421.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_D

ClientSampleId :

VOC-5

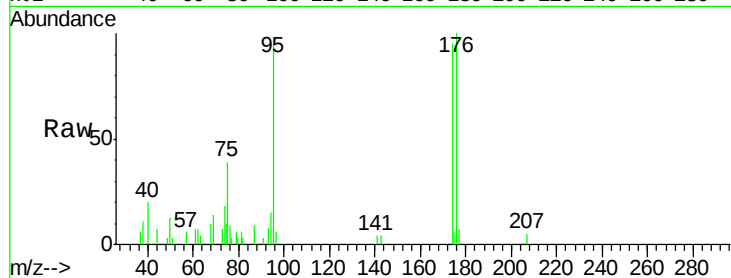
Tot Ion: 95 Resp: 11234

Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.2

176 87.3 0.0 168.6



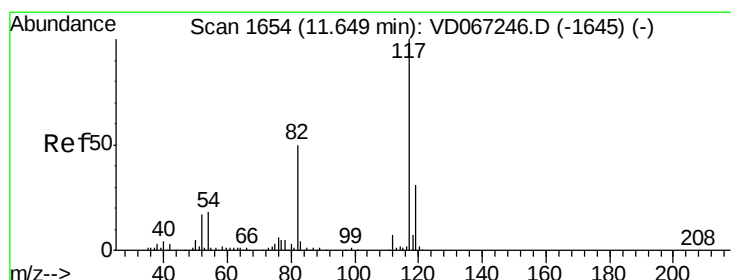
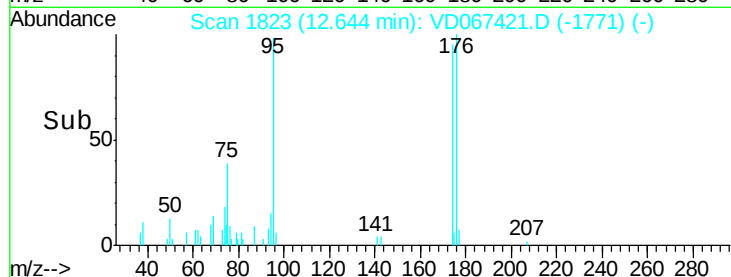
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067421.D

Acq: 27 Oct 2020 19:37

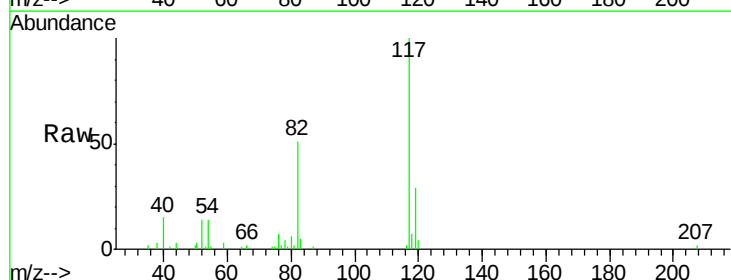
Tgt Ion: 117 Resp: 25689

Ion Ratio Lower Upper

117 100

82 50.7 39.9 59.9

119 28.8 24.9 37.3



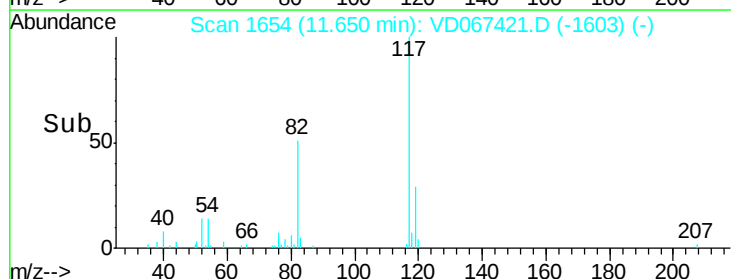
Abundance Ion 116.90 (116.60 to 117.60): V

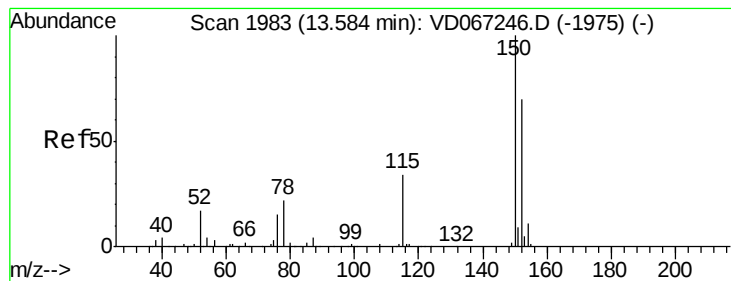
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067421.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_D

ClientSampleId :

VOC-5

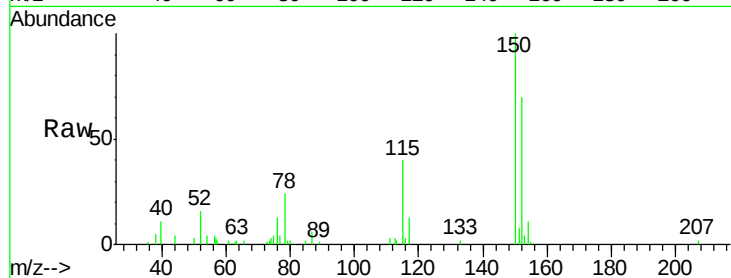
Tot Ion:152 Resp: 13647

Ion Ratio Lower Upper

152 100

115 63.1 29.3 87.9

150 161.6 0.0 339.0



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

