

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063970.D
 Acq On : 15 Oct 2019 14:23
 Operator : VA/SY
 Sample : K5355-02
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-31

Quant Time: Oct 16 03:32:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

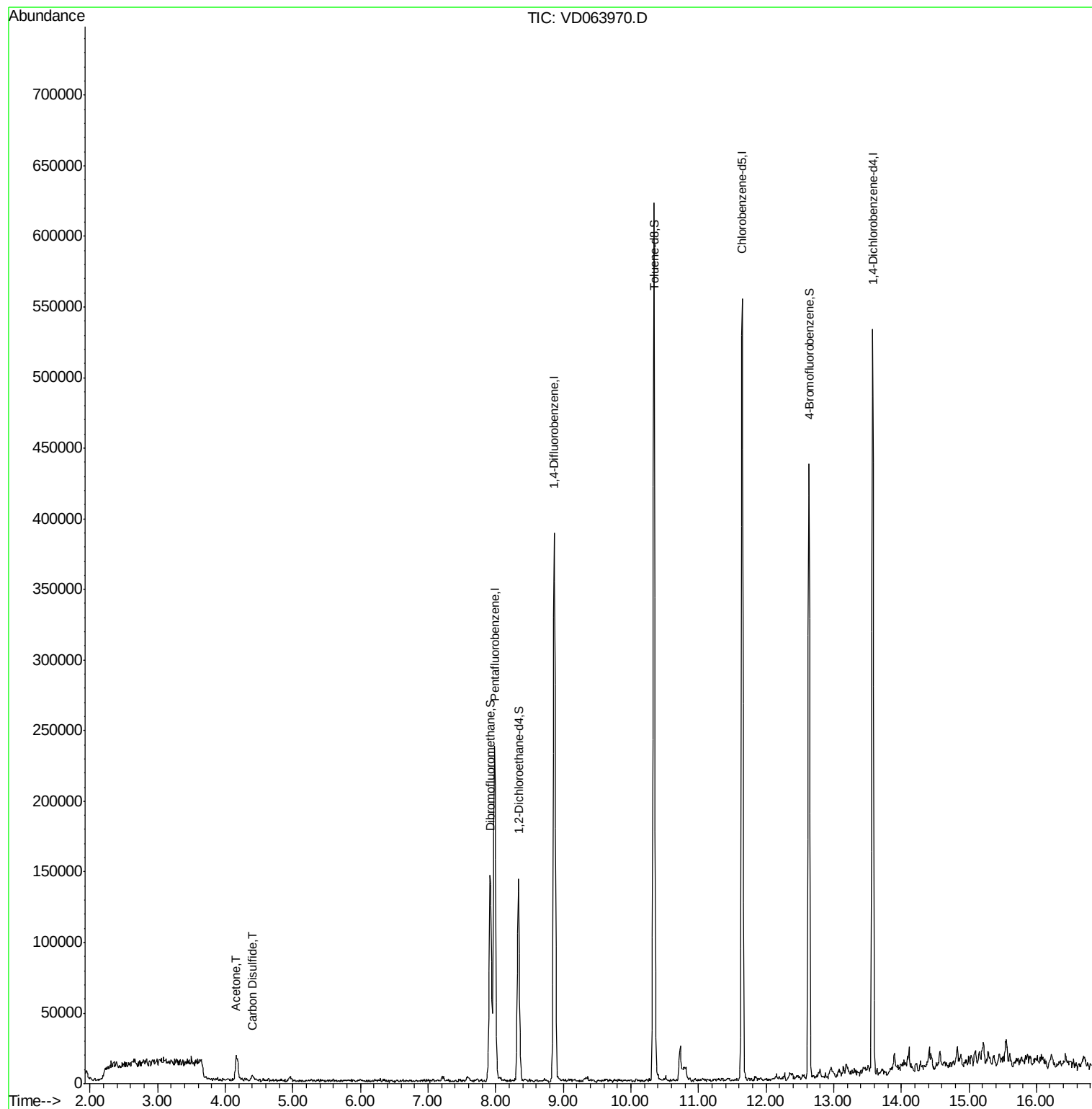
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	182416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	332831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	318735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	104247	58.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.40%	
35) Dibromofluoromethane	7.92	113	102478	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.34	98	426906	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.64	95	127215	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
16) Acetone	4.16	43	30375	65.693	ug/l	98
17) Carbon Disulfide	4.39	76	6516	1.173	ug/l #	79

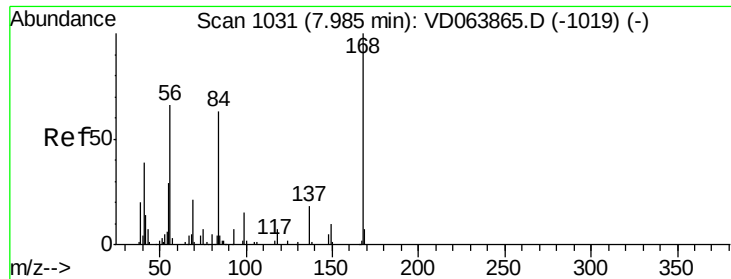
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063970.D

Acq: 15 Oct 2019 14:23

Instrument :

MSVOA_D

ClientSampleId :

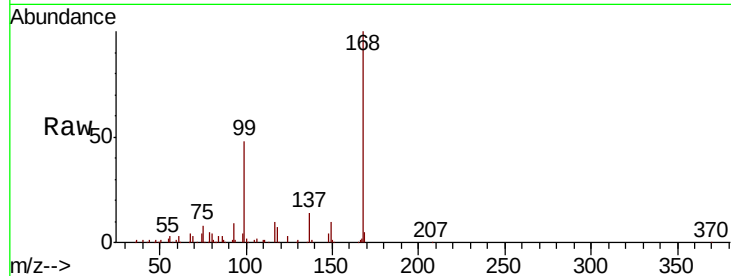
VOC-31

Tot Ion:168 Resp: 182416

Ion Ratio Lower Upper

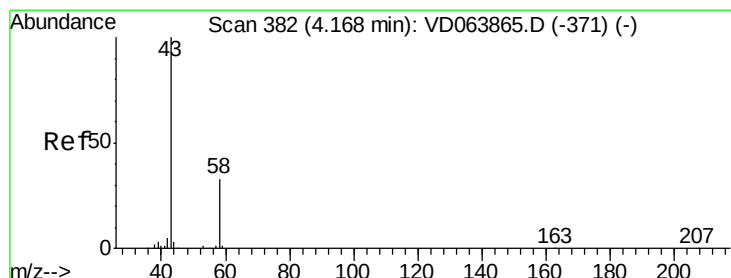
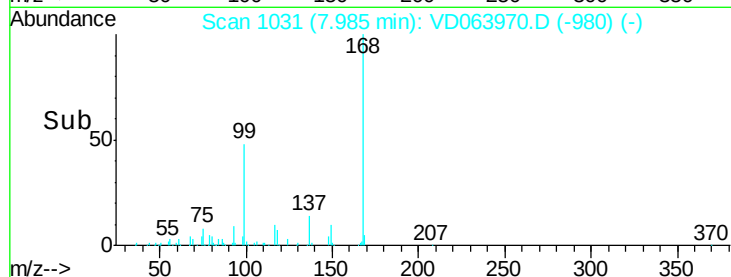
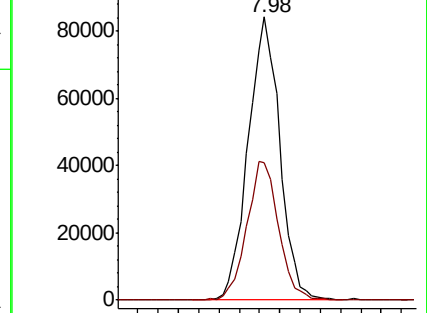
168 100

99 48.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 65.693 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063970.D

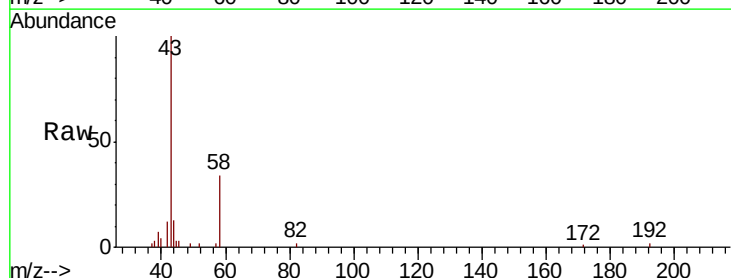
Acq: 15 Oct 2019 14:23

Tgt Ion: 43 Resp: 30375

Ion Ratio Lower Upper

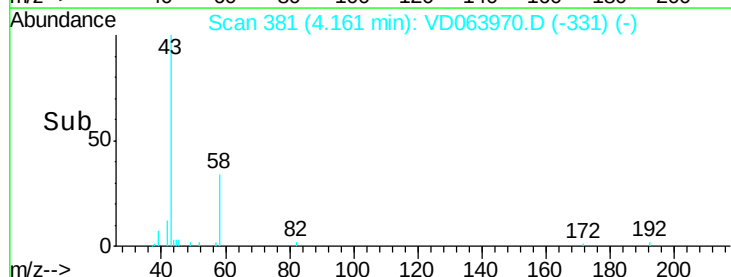
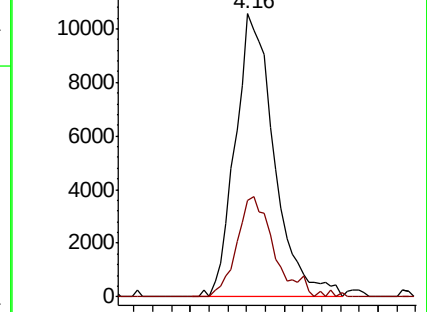
43 100

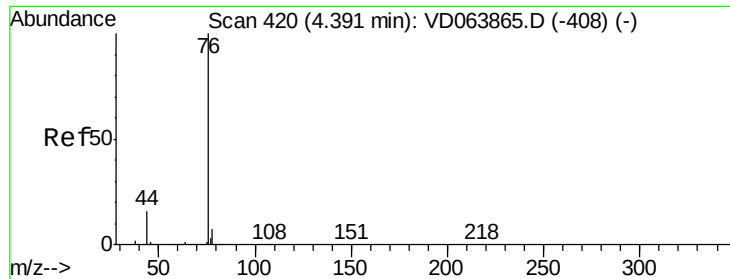
58 33.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.173 ug/l

RT: 4.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: VD063970.D

Acq: 15 Oct 2019 14:23

Instrument :

MSVOA_D

ClientSampleId :

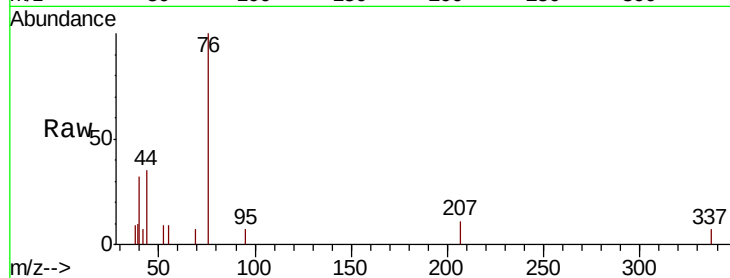
VOC-31

Tot Ion: 76 Resp: 6516

Ion Ratio Lower Upper

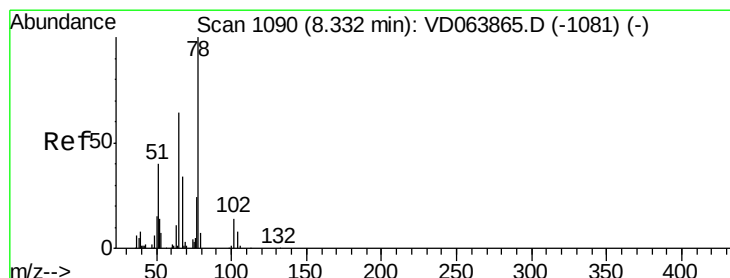
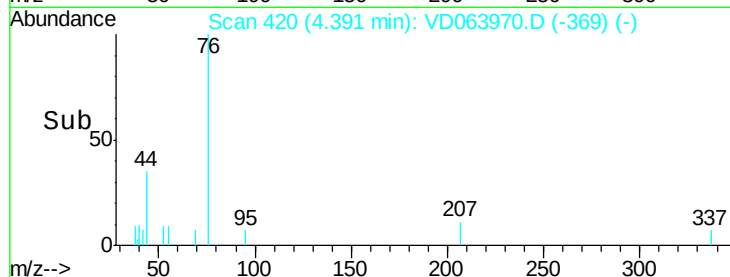
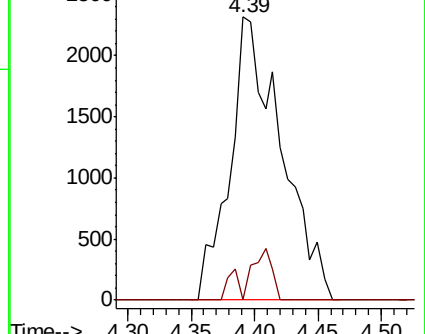
76 100

78 0.0 5.8 8.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.699 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063970.D

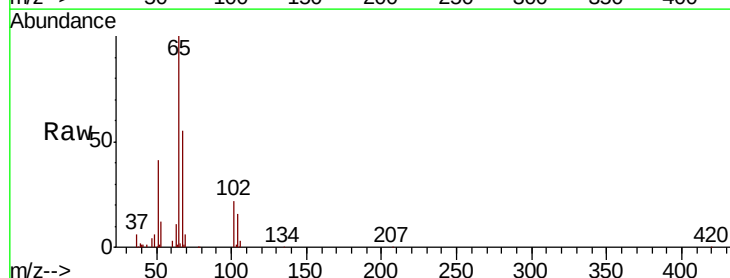
Acq: 15 Oct 2019 14:23

Tgt Ion: 65 Resp: 104247

Ion Ratio Lower Upper

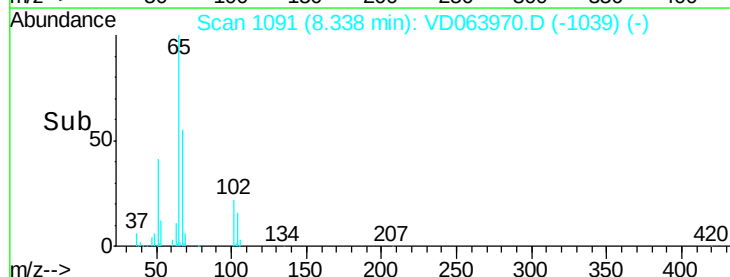
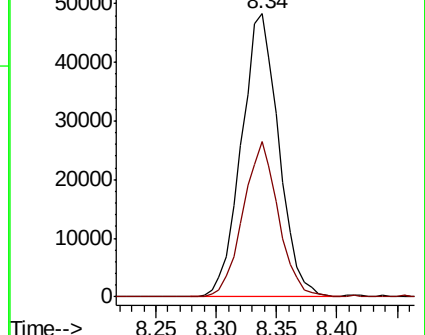
65 100

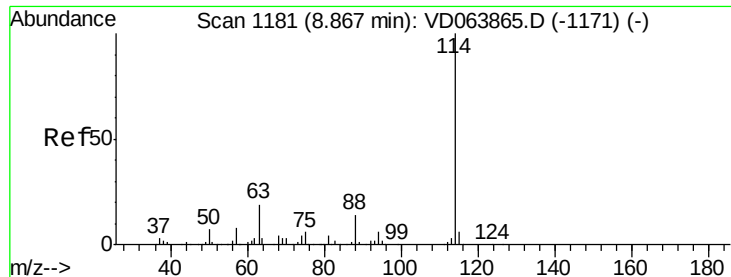
67 51.7 0.0 106.4



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# 1181

Delta R.T. -0.00 min

Lab File: VD063970.D

Acq: 15 Oct 2019 14:23

Instrument :

MSVOA_D

ClientSampleId :

VOC-31

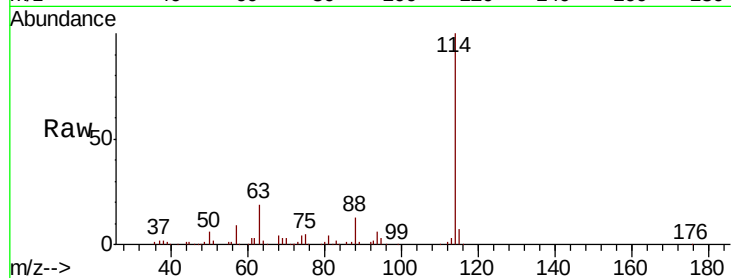
Tot Ion:114 Resp: 332831

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

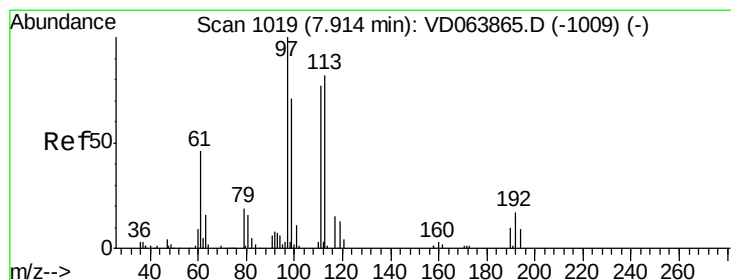
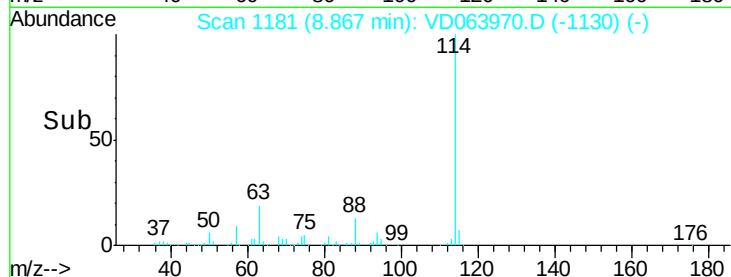
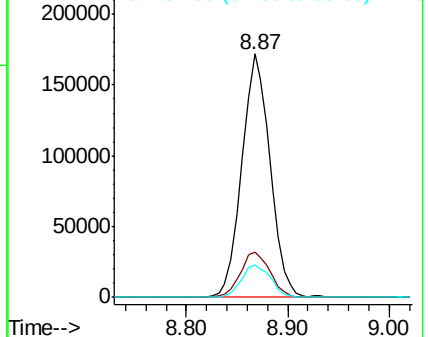
88 13.4 0.0 27.4



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: 50.382 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063970.D

Acq: 15 Oct 2019 14:23

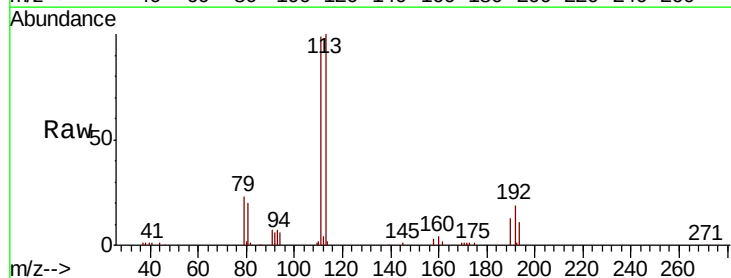
Tgt Ion:113 Resp: 102478

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

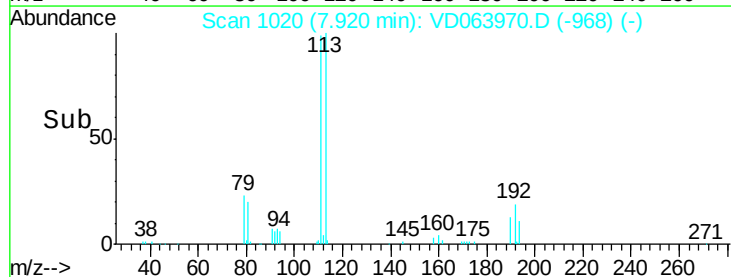
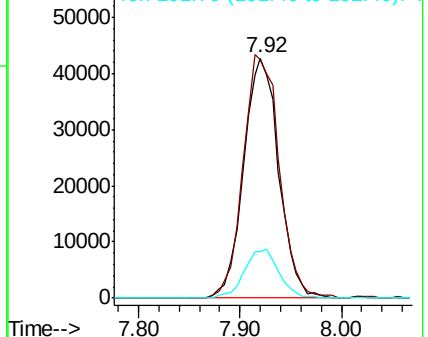
192 19.9 17.1 25.7

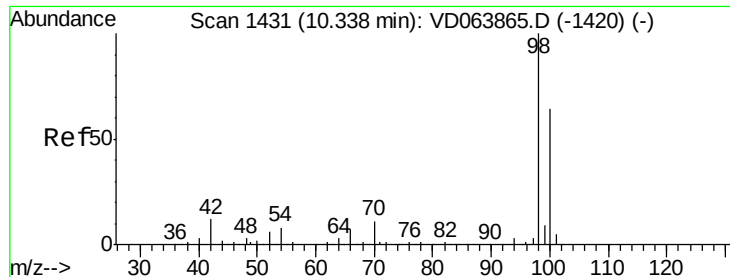


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.710 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063970.D

Acq: 15 Oct 2019 14:23

Instrument :

MSVOA_D

ClientSampled :

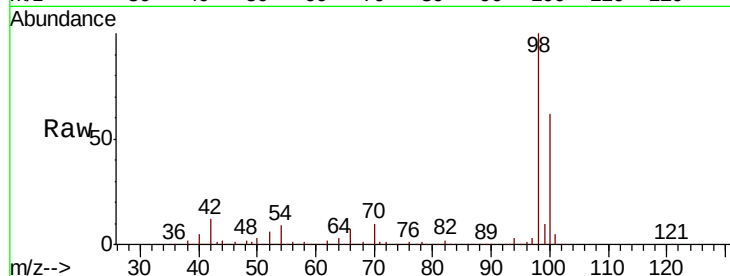
VOC-31

Tot Ion: 98 Resp: 426906

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

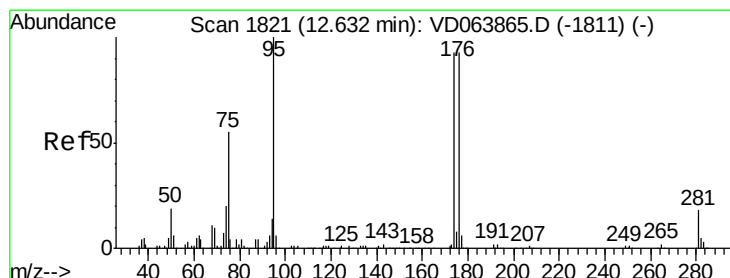
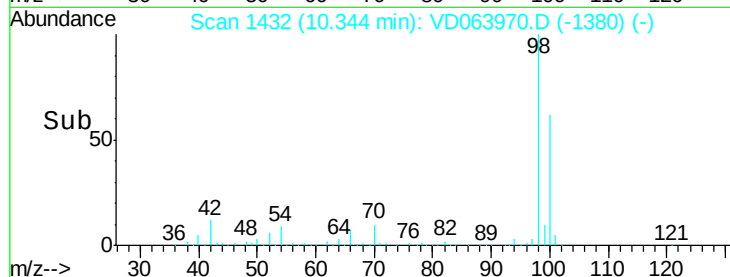
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 44.343 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063970.D

Acq: 15 Oct 2019 14:23

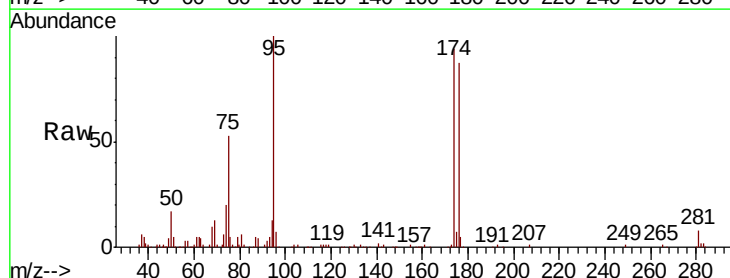
Tgt Ion: 95 Resp: 127215

Ion Ratio Lower Upper

95 100

174 93.2 0.0 186.4

176 88.2 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

12.64

100000

80000

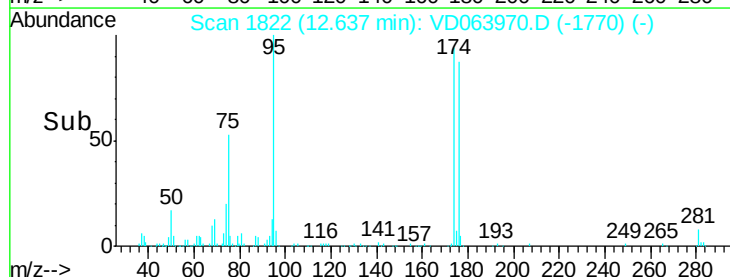
60000

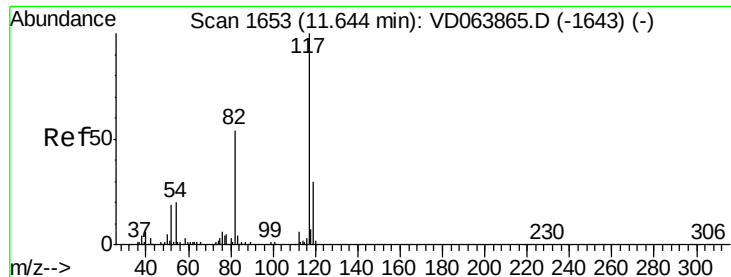
40000

20000

0

Time--> 12.60 12.70

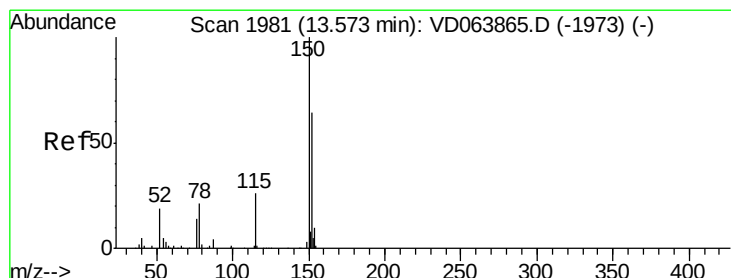
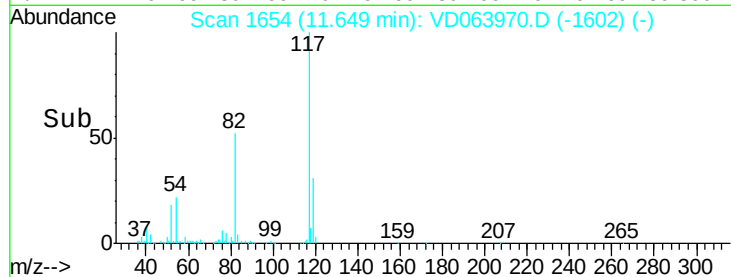
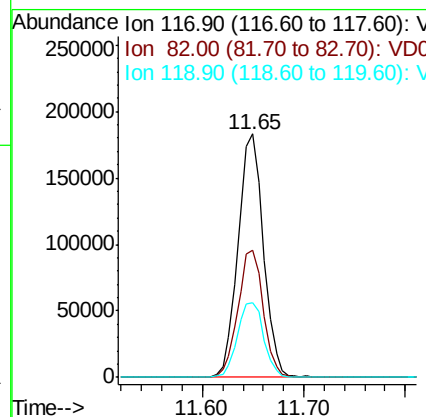
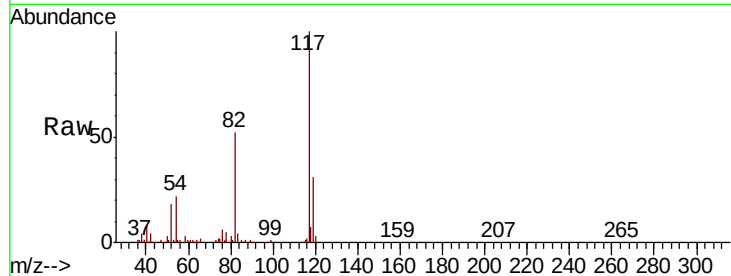




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063970.D
Acq: 15 Oct 2019 14:23

Instrument :
MSVOA_D
ClientSampleId :
VOC-31

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.8	64.2
119	30.6	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063970.D
Acq: 15 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	25.9	77.7
150	163.0	0.0	344.2

