

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011214.D
 Acq On : 11 Jul 2019 02:44
 Operator : SY/VA
 Sample : K3740-05
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-24

Quant Time: Jul 11 09:02:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

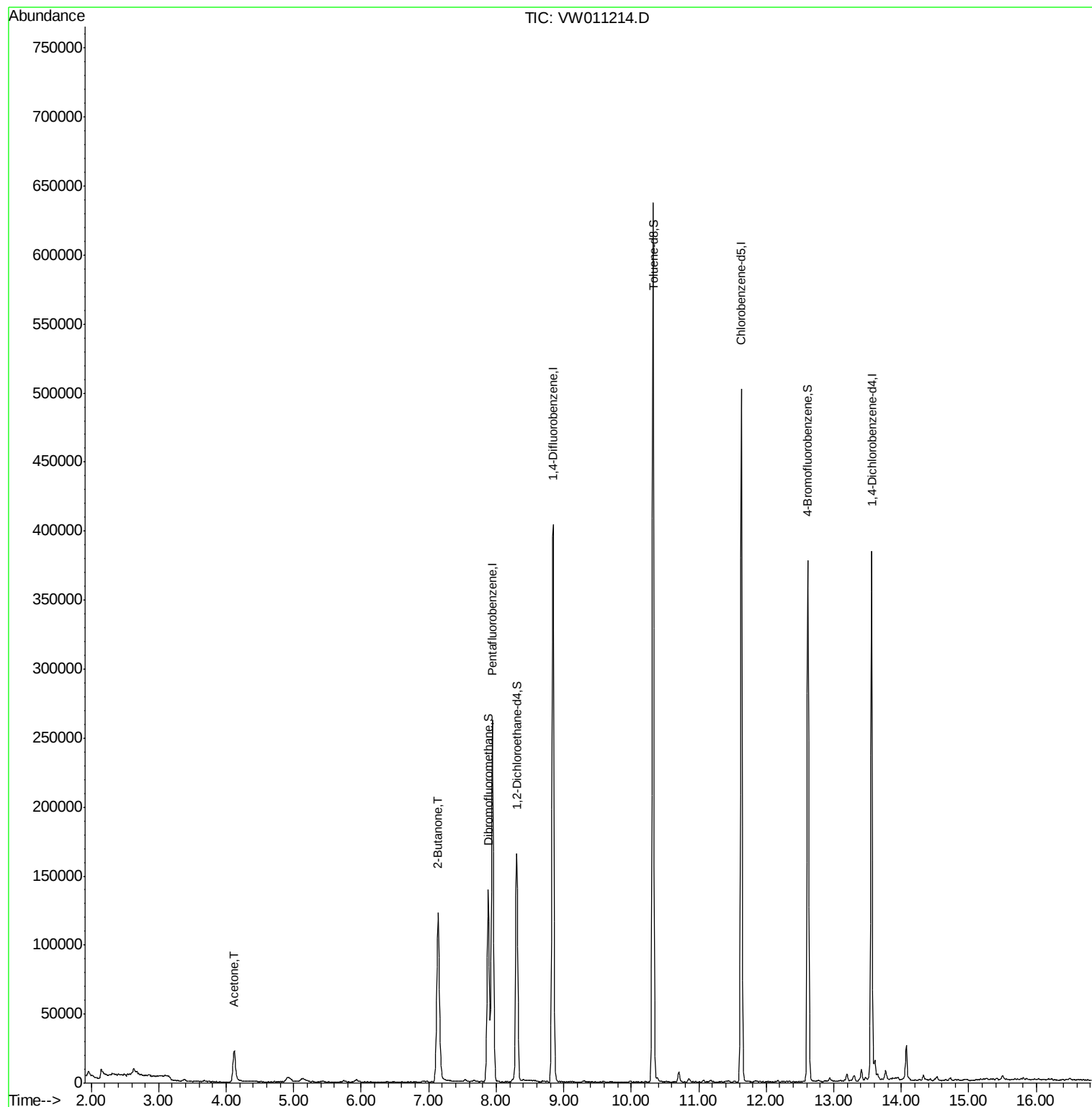
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130486	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.88	113	98042	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.32	98	396605	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.62	95	114463	40.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.86%	
Target Compounds						
16) Acetone	4.12	43	42589	74.600	ug/l	97
25) 2-Butanone	7.13	43	9389	10.477	ug/l #	82

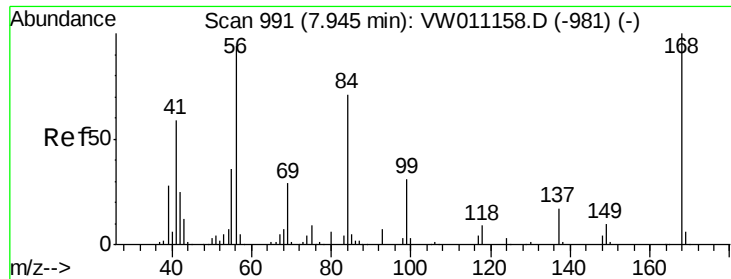
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011214.D

Acq: 11 Jul 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

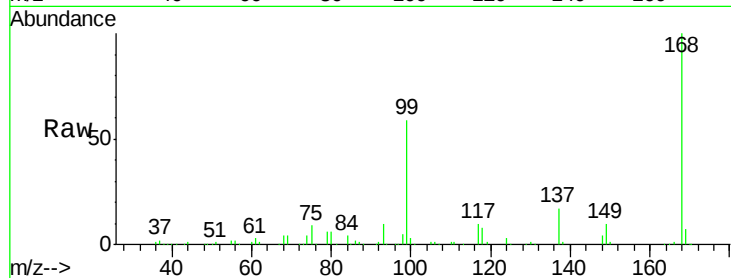
VOC-24

Tot Ion:168 Resp: 188827

Ion Ratio Lower Upper

168 100

99 59.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

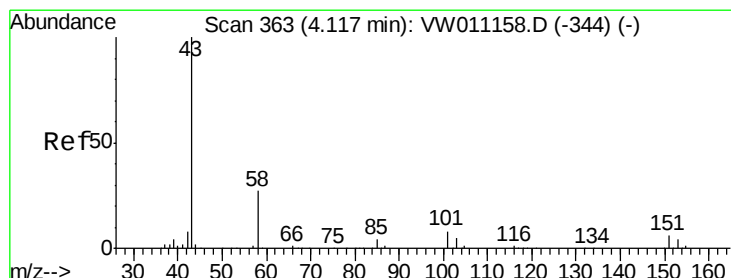
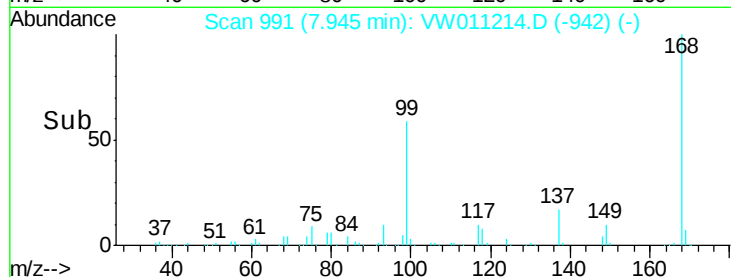
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 74.600 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011214.D

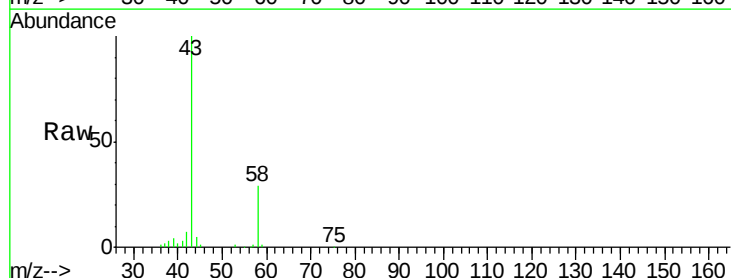
Acq: 11 Jul 2019 02:44

Tgt Ion: 43 Resp: 42589

Ion Ratio Lower Upper

43 100

58 28.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

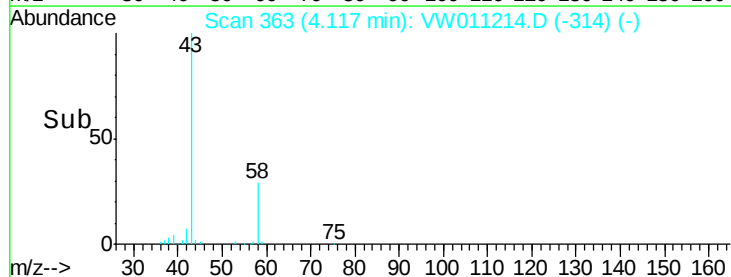
10000

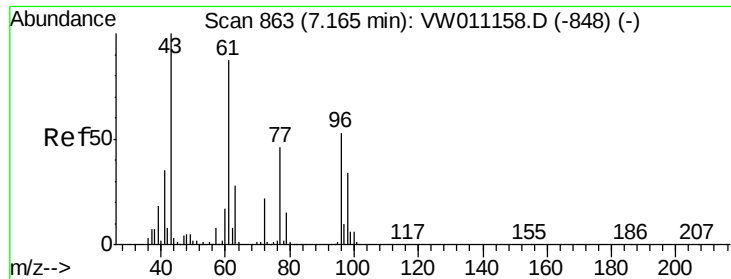
5000

0

4.00 4.10 4.20 4.30

Time-->





#25

2-Butanone

Concen: 10.477 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011214.D

Acq: 11 Jul 2019 02:44

Instrument :

MSVOA_W

ClientSampled :

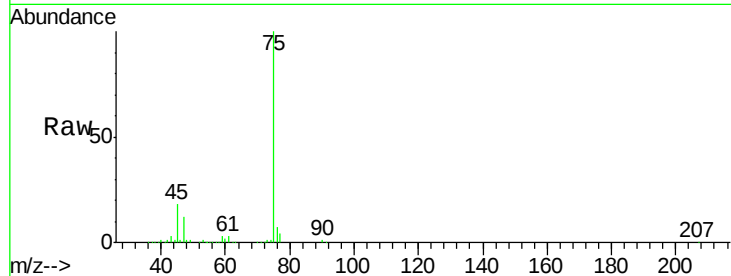
VOC-24

Tot Ion: 43 Resp: 9389

Ion Ratio Lower Upper

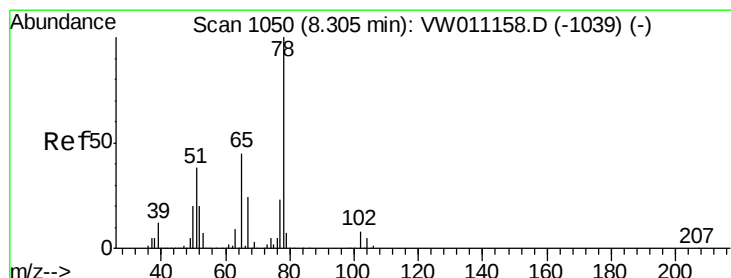
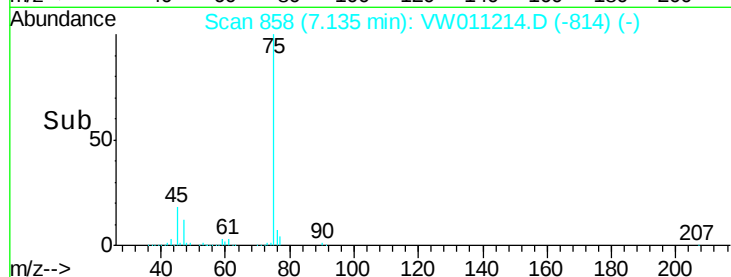
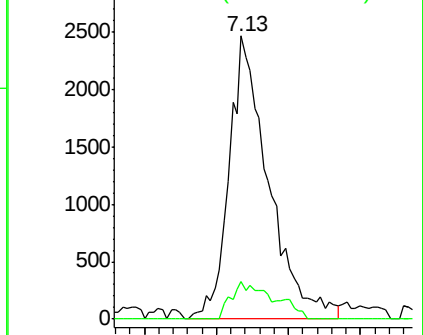
43 100

72 13.2 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.995 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011214.D

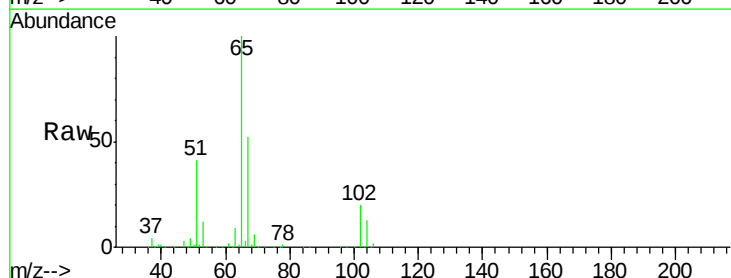
Acq: 11 Jul 2019 02:44

Tgt Ion: 65 Resp: 130486

Ion Ratio Lower Upper

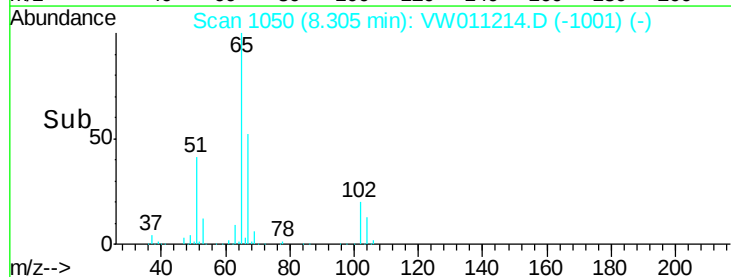
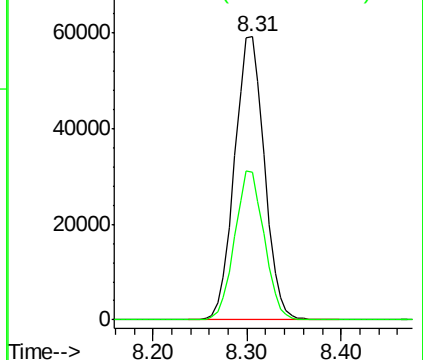
65 100

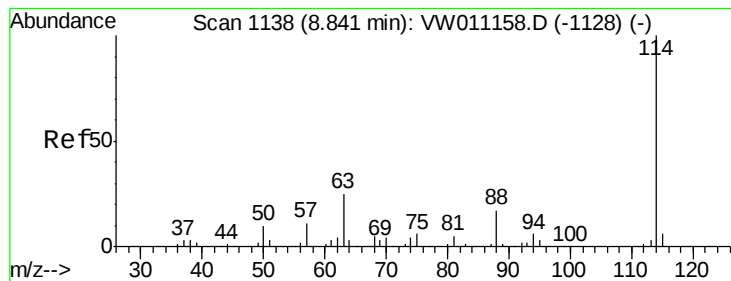
67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011214.D

Acq: 11 Jul 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

VOC-24

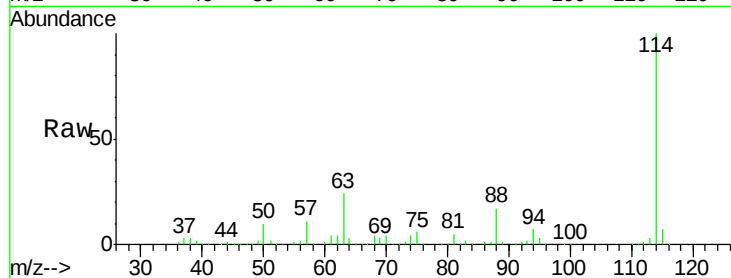
Tot Ion:114 Resp: 320563

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

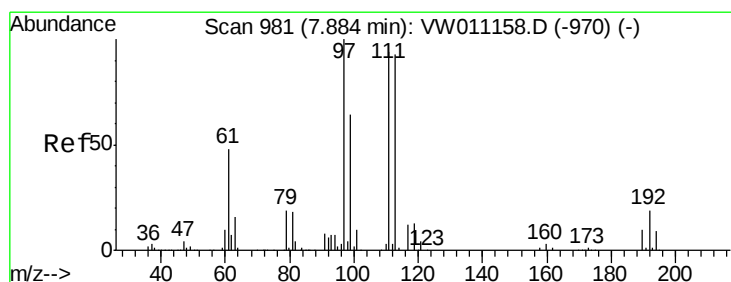
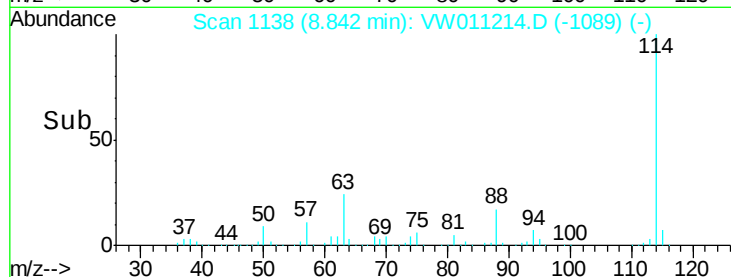
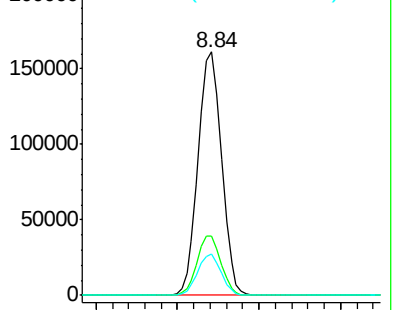
88 16.9 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011214.D

Acq: 11 Jul 2019 02:44

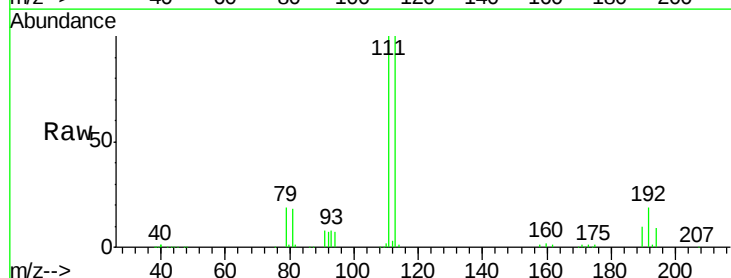
Tgt Ion:113 Resp: 98042

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

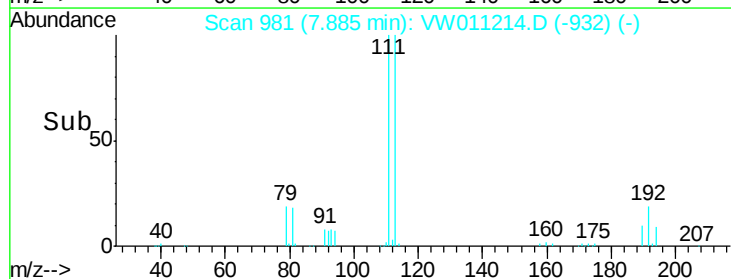
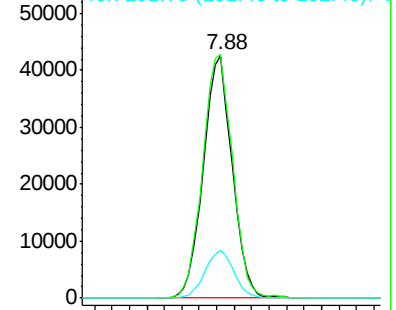
192 19.6 15.8 23.8

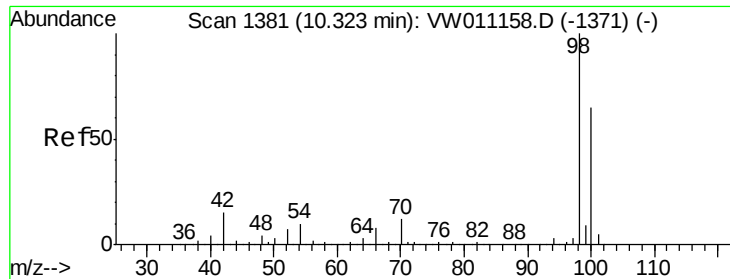


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.352 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011214.D

Acq: 11 Jul 2019 02:44

Instrument :

MSVOA_W

ClientSampled :

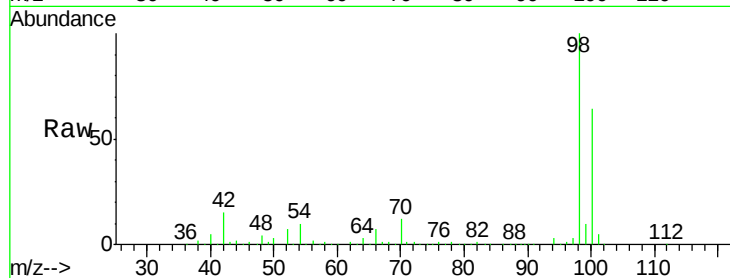
VOC-24

Tot Ion: 98 Resp: 396605

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

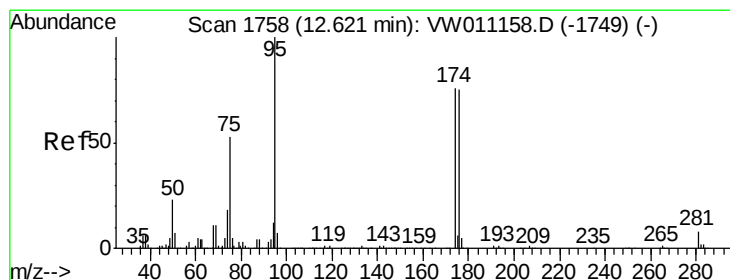
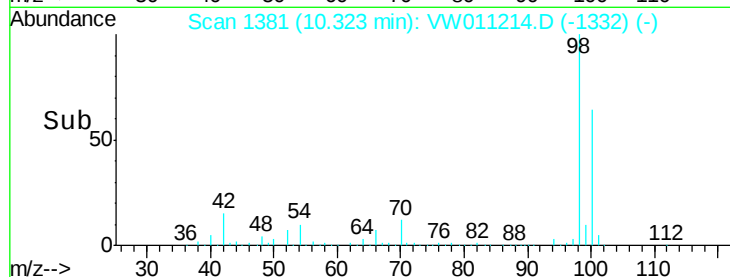
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 40.434 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011214.D

Acq: 11 Jul 2019 02:44

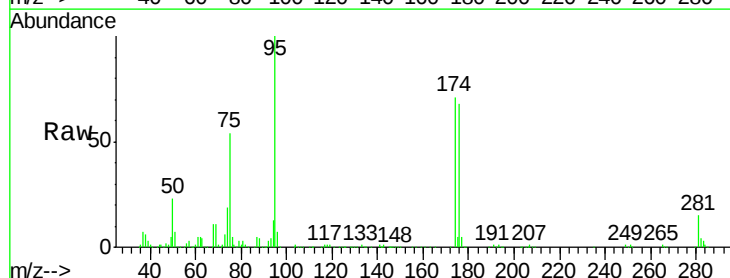
Tgt Ion: 95 Resp: 114463

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.6

176 72.3 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

80000

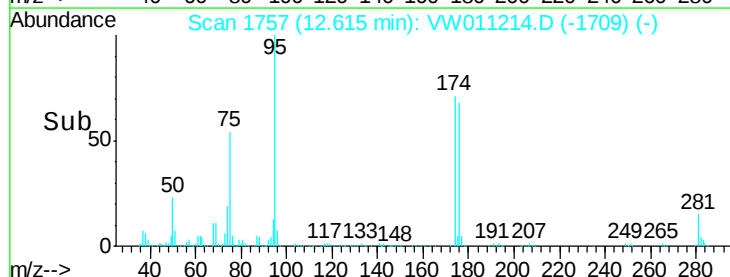
60000

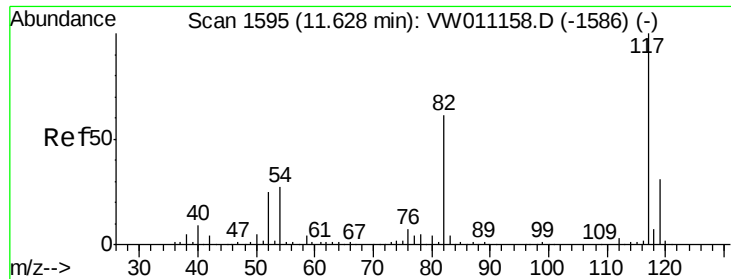
40000

20000

0

Time--> 12.60 12.70

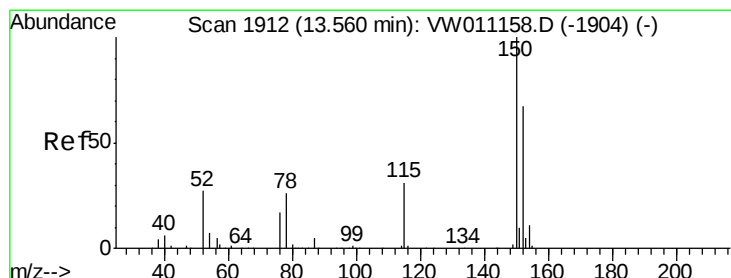
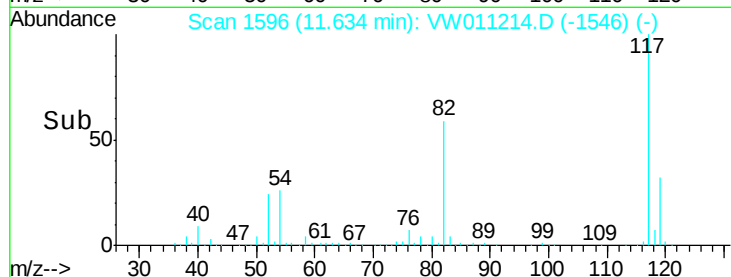
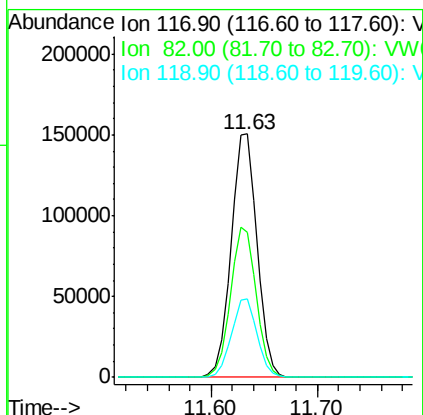
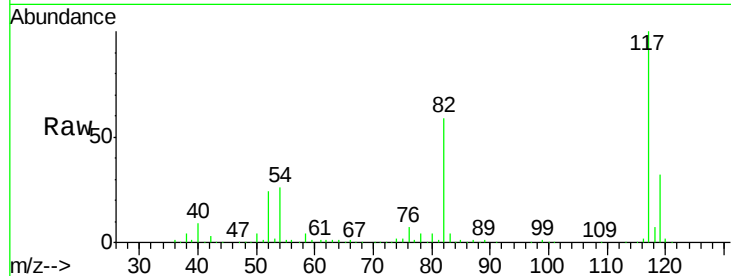




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011214.D
Acq: 11 Jul 2019 02:44

Instrument :
MSVOA_W
ClientSampleId :
VOC-24

Tot Ion:117 Resp: 257704
Ion Ratio Lower Upper
117 100
82 59.5 48.9 73.3
119 32.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011214.D
Acq: 11 Jul 2019 02:44

Tgt Ion:152 Resp: 91058
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 158.2 0.0 346.0

