

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008313.D
 Acq On : 16 Jan 2019 17:23
 Operator : SY/VA
 Sample : K1156-02
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-9

Quant Time: Jan 17 06:17:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

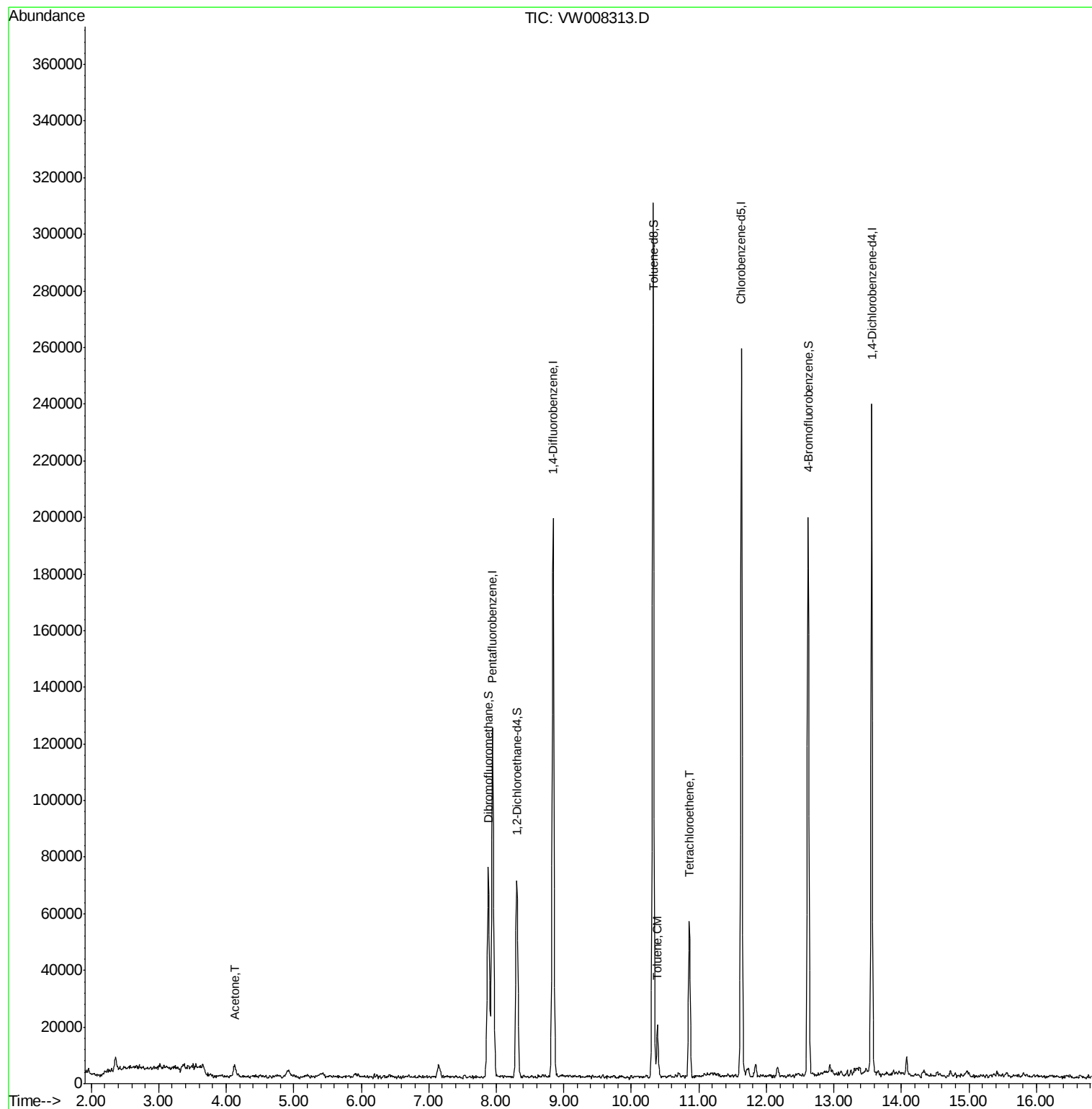
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54191	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.88	113	52090	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
50) Toluene-d8	10.32	98	202087	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	64125	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	4.12	43	7645	22.467	ug/l	98
52) Toluene	10.39	92	7459	2.567	ug/l	95
64) Tetrachloroethene	10.86	164	11807	12.779	ug/l	95

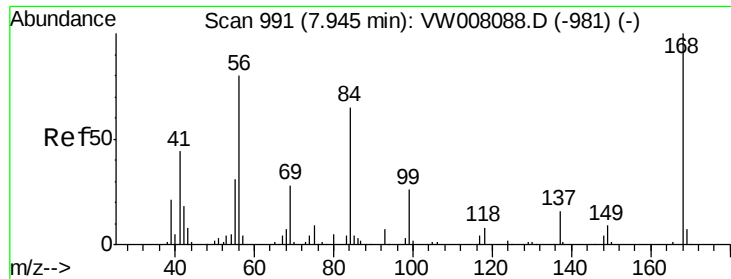
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008313.D

Acq: 16 Jan 2019 17:23

Instrument :

MSVOA_W

ClientSampleId :

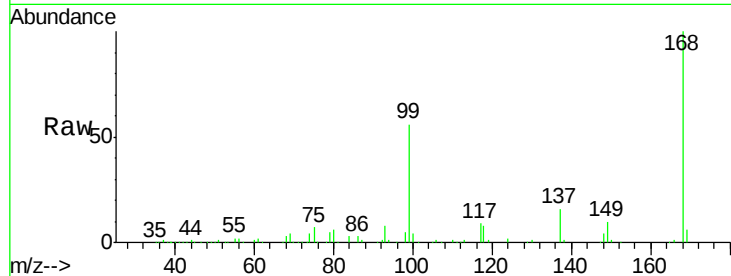
VOC-9

Tot Ion:168 Resp: 90713

Ion Ratio Lower Upper

168 100

99 55.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

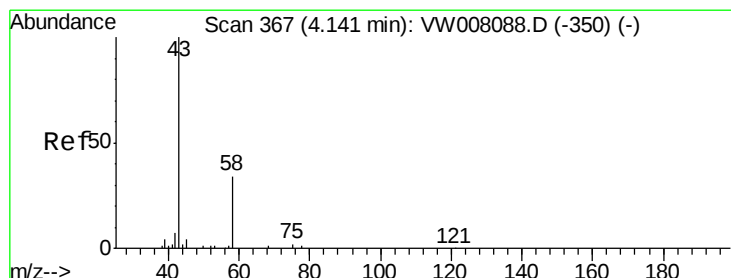
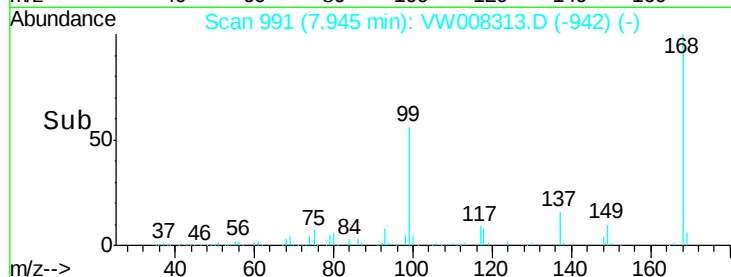
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 22.467 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008313.D

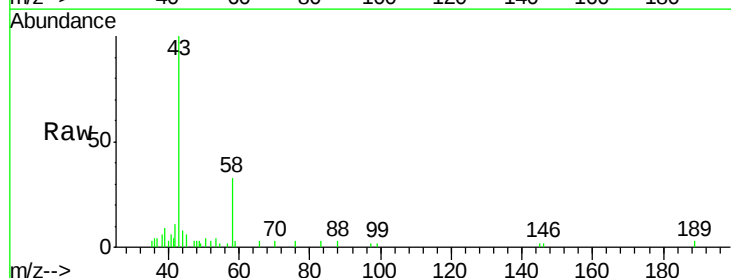
Acq: 16 Jan 2019 17:23

Tgt Ion: 43 Resp: 7645

Ion Ratio Lower Upper

43 100

58 33.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

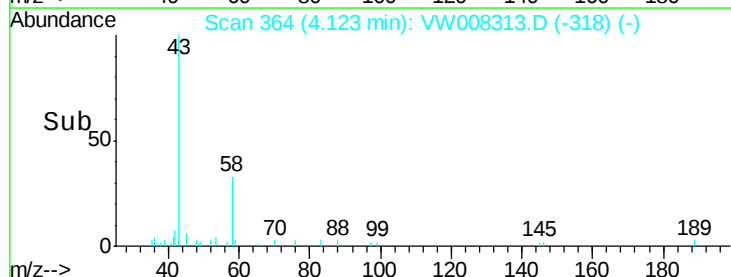
1000

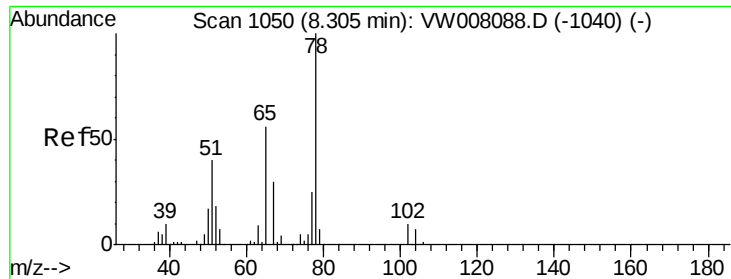
500

0

4.00 4.10 4.20

Time-->

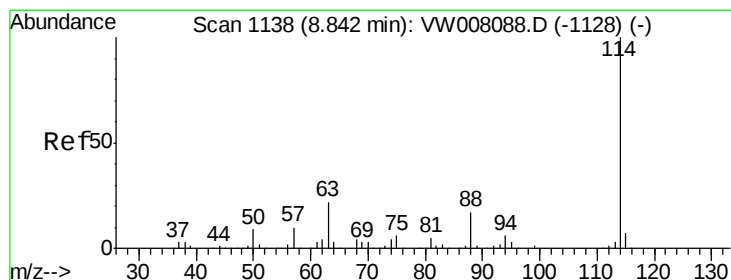
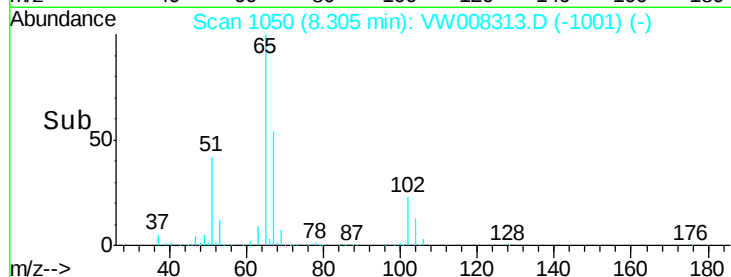
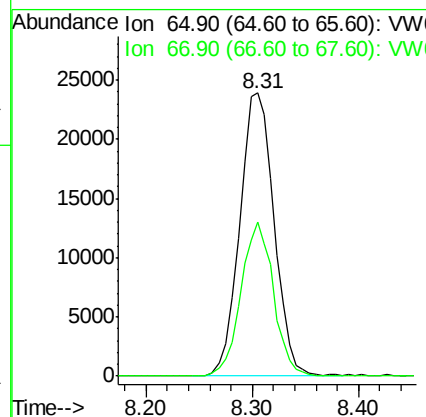
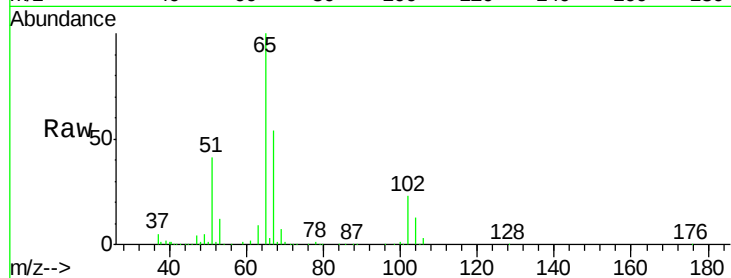




#33
 1,2-Dichloroethane-d4
 Concen: 53.153 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008313.D
 Acq: 16 Jan 2019 17:23

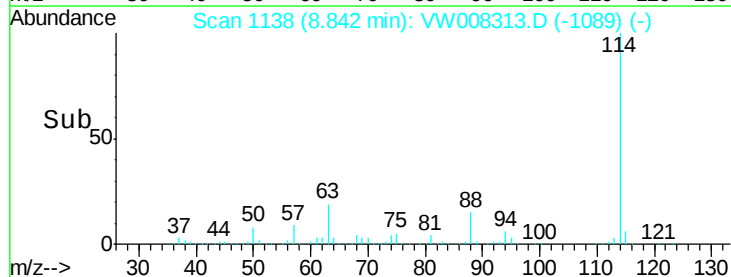
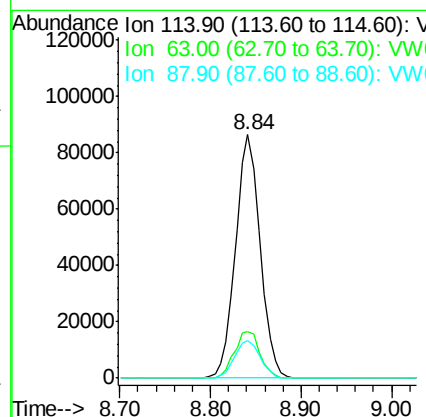
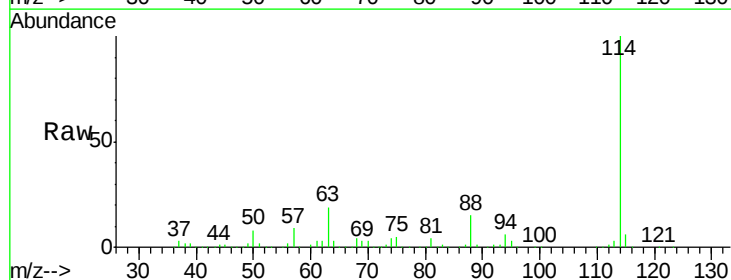
Instrument :
 MSVOA_W
 ClientSampled :
 VOC-9

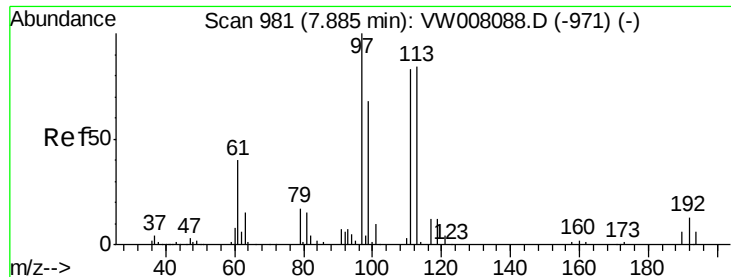
Tot Ion: 65 Resp: 54191
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008313.D
 Acq: 16 Jan 2019 17:23

Tgt Ion: 114 Resp: 162824
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.4
 88 15.5 0.0 33.4

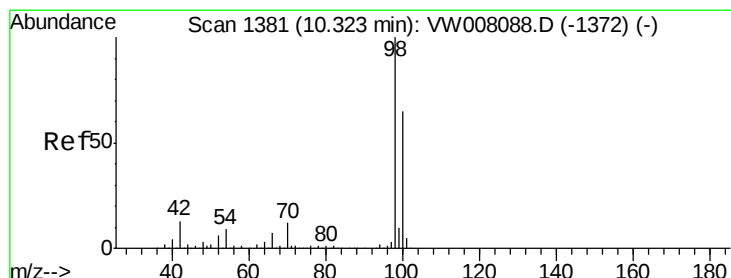
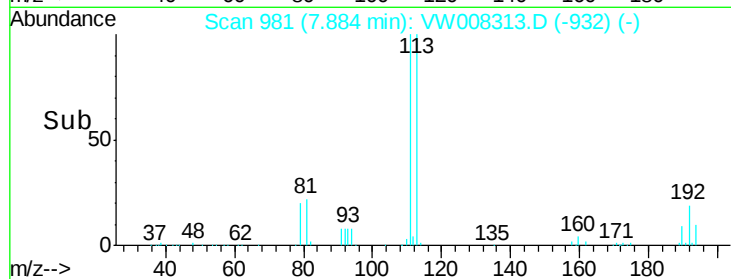
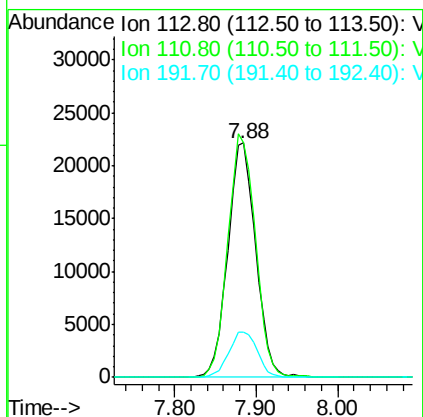
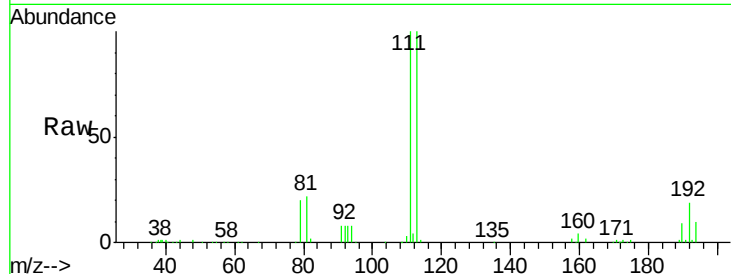




#35
 Dibromofluoromethane
 Concen: 54.852 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008313.D
 Acq: 16 Jan 2019 17:23

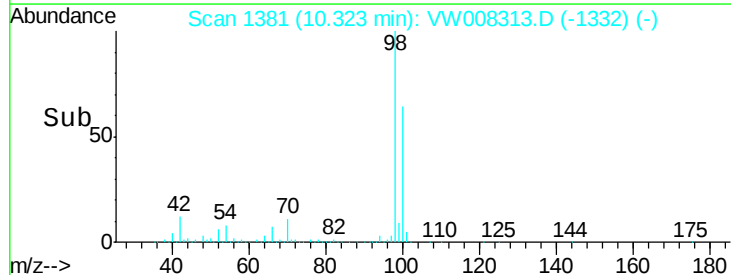
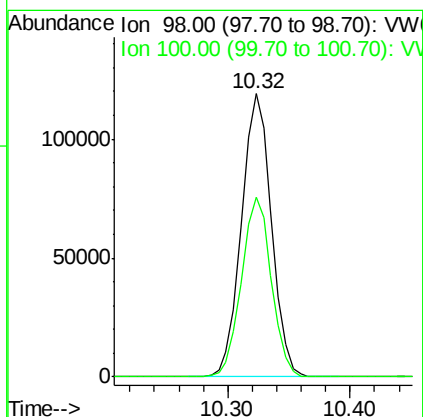
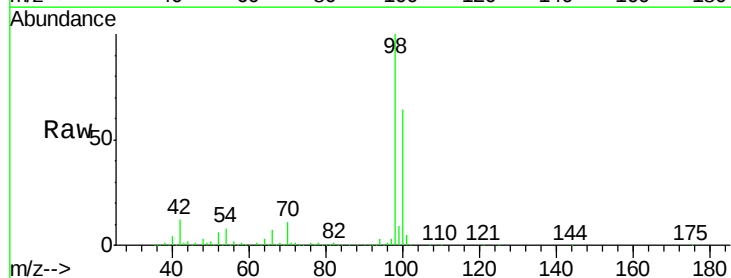
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-9

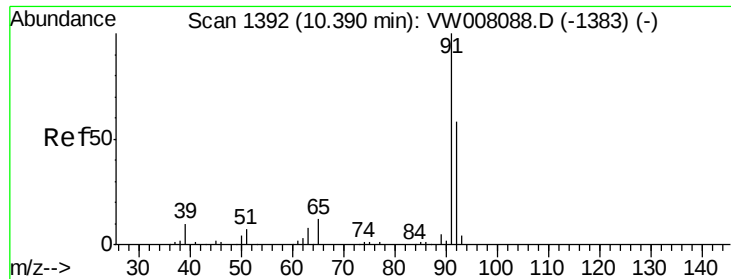
Tot Ion:113 Resp: 52090
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.8
 192 19.9 12.8 19.2#



#50
 Toluene-d8
 Concen: 50.710 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008313.D
 Acq: 16 Jan 2019 17:23

Tgt Ion: 98 Resp: 202087
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5





#52

Toluene

Concen: 2.567 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008313.D

Acq: 16 Jan 2019 17:23

Instrument :

MSVOA_W

ClientSampleId :

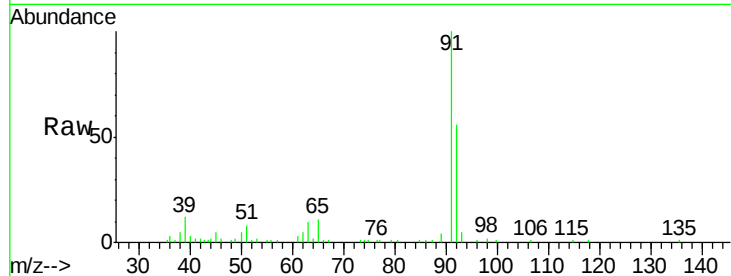
VOC-9

Tot Ion: 92 Resp: 7459

Ion Ratio Lower Upper

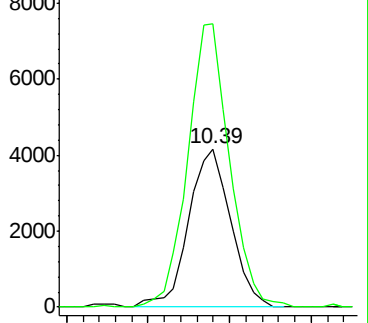
92 100

91 177.7 137.0 205.4

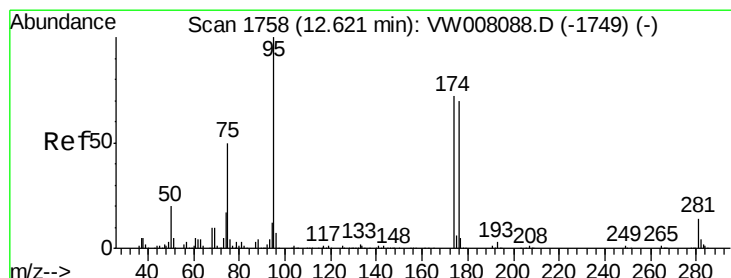
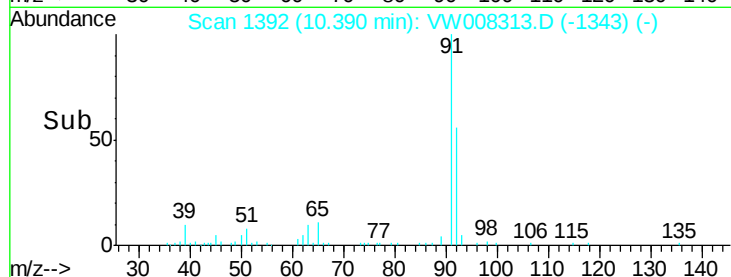


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 44.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008313.D

Acq: 16 Jan 2019 17:23

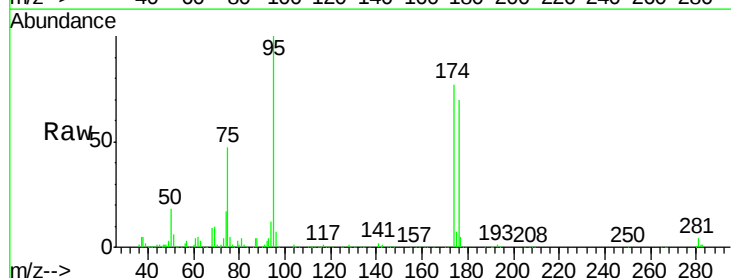
Tgt Ion: 95 Resp: 64125

Ion Ratio Lower Upper

95 100

174 78.7 0.0 143.0

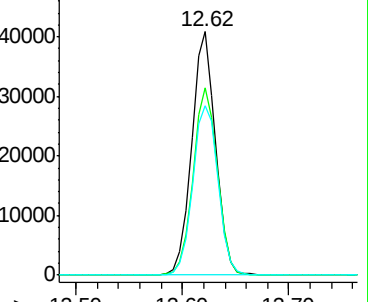
176 74.1 0.0 140.2



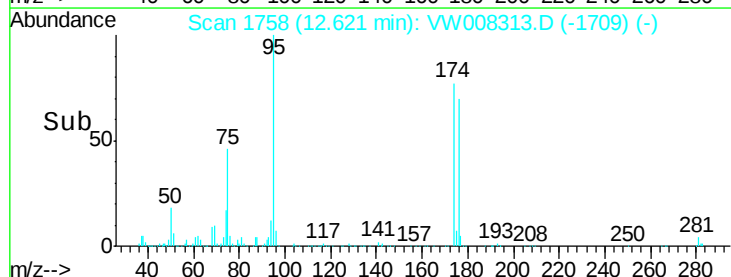
Abundance Ion 94.90 (94.60 to 95.60): VW

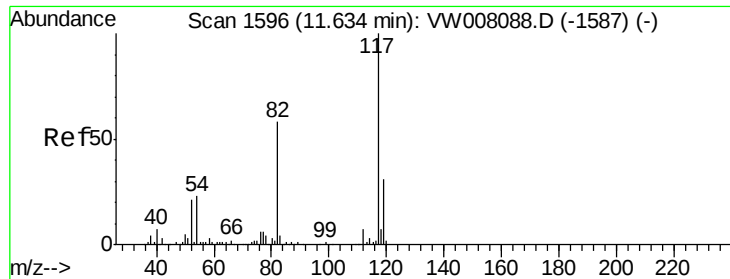
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

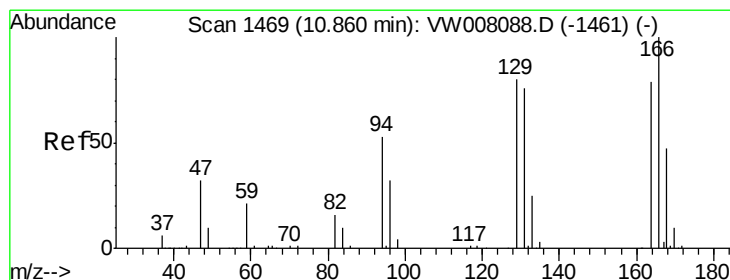
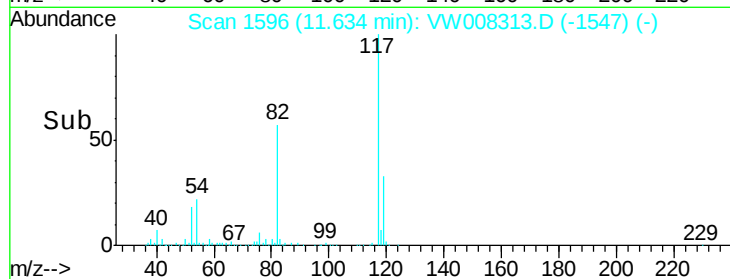
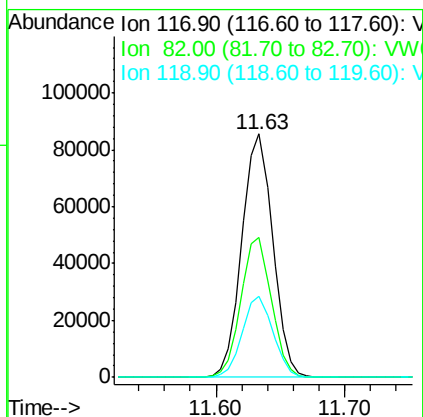
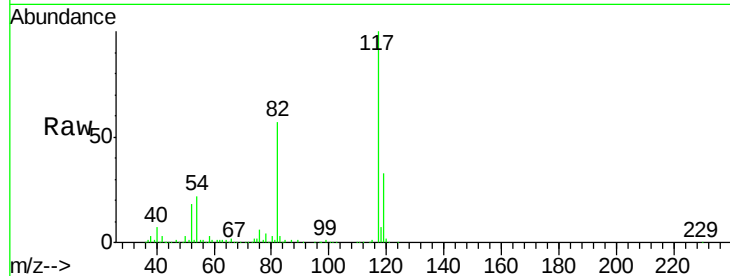




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008313.D
Acq: 16 Jan 2019 17:23

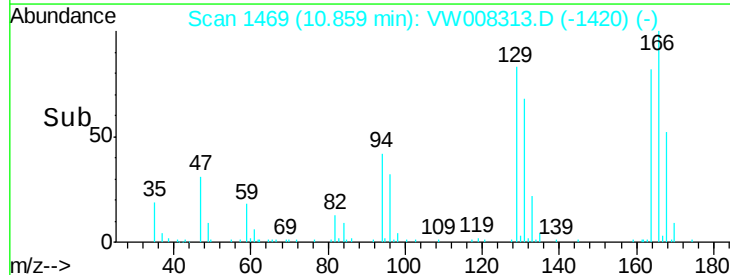
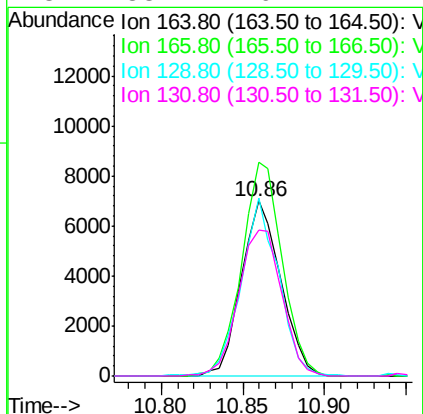
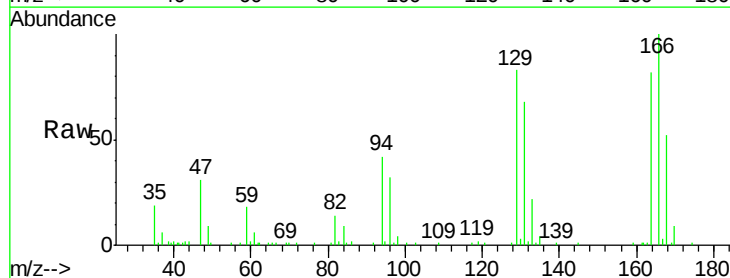
Instrument :
MSVOA_W
ClientSampled :
VOC-9

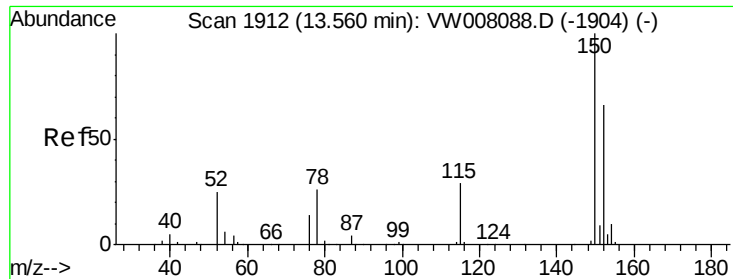
Tot Ion:117 Resp: 141968
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 33.1 24.7 37.1



#64
Tetrachloroethene
Concen: 12.779 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008313.D
Acq: 16 Jan 2019 17:23

Tgt Ion:164 Resp: 11807
Ion Ratio Lower Upper
164 100
166 122.0 100.7 151.1
129 100.9 81.0 121.4
131 83.1 76.1 114.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008313.D

Acq: 16 Jan 2019 17:23

Instrument :

MSVOA_W

ClientSampleId :

VOC-9

Tot Ion:152 Resp: 59454

Ion Ratio Lower Upper

152 100

115 60.7 30.8 92.4

150 156.9 0.0 350.2

