

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012252.D
 Acq On : 28 Aug 2019 14:24
 Operator : SY/VA
 Sample : K4521-03
 Misc : 4.08G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-06

Quant Time: Aug 28 18:36:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

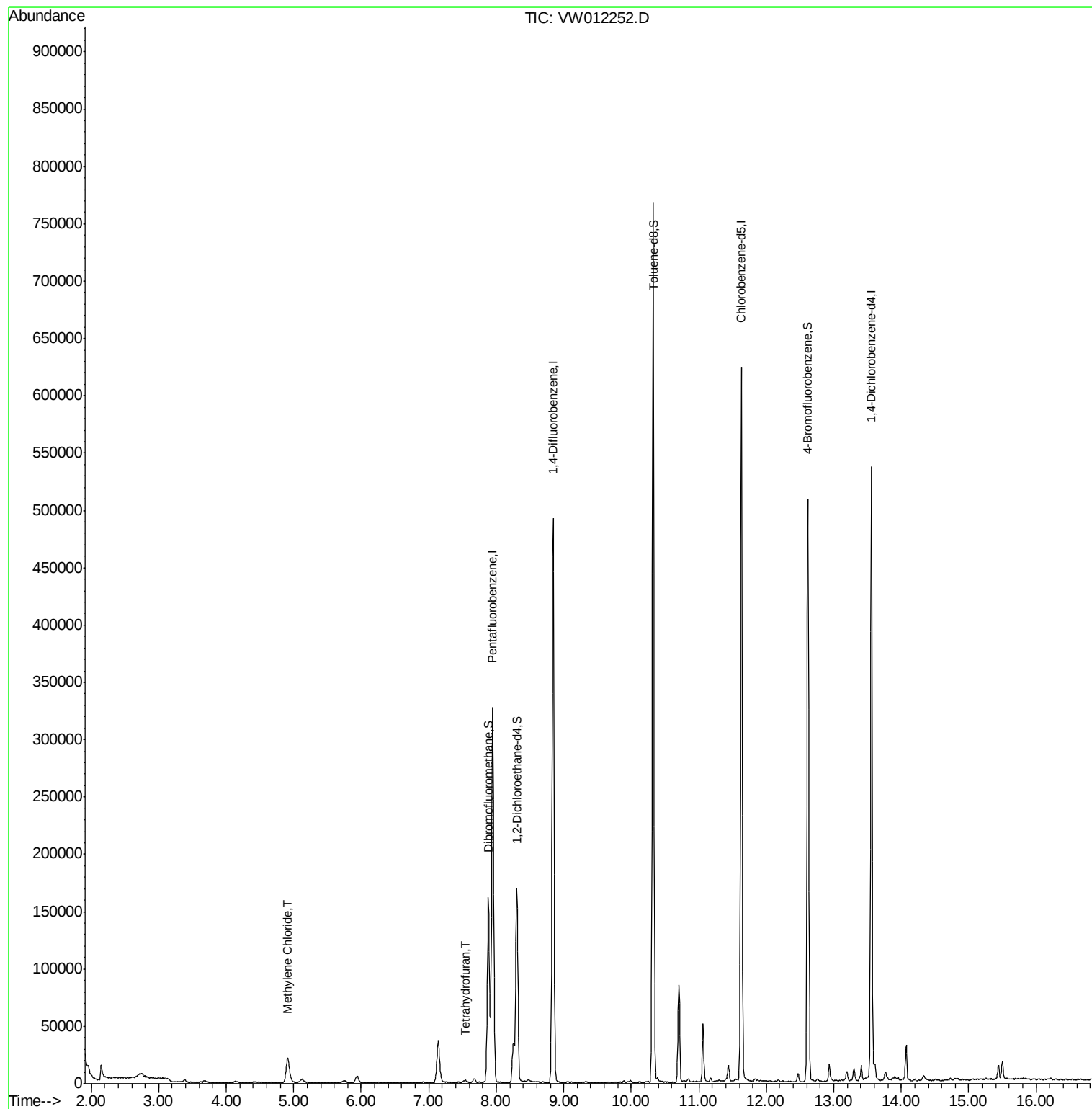
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133412	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	7.88	113	113965	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.32	98	483228	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	156761	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
20) Methylene Chloride	4.92	84	16156	5.780	ug/l	98
29) Tetrahydrofuran	7.54	42	1811	3.004	ug/l	93

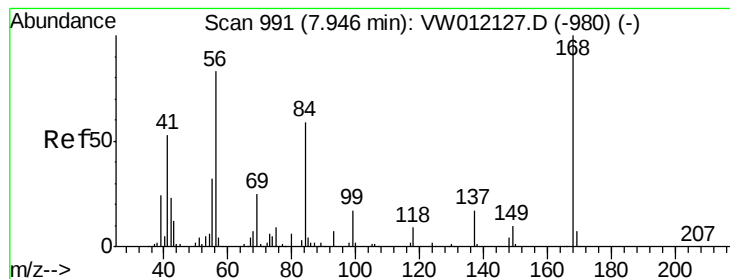
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012252.D
Acq On : 28 Aug 2019 14:24
Operator : SY/VA
Sample : K4521-03
Misc : 4.08G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PX-06

Quant Time: Aug 28 18:36:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012252.D

Acq: 28 Aug 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

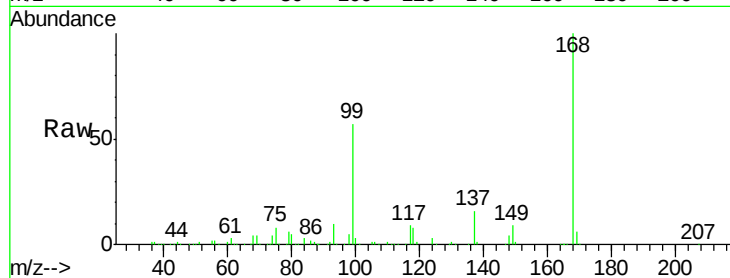
PX-06

Tot Ion:168 Resp: 243331

Ion Ratio Lower Upper

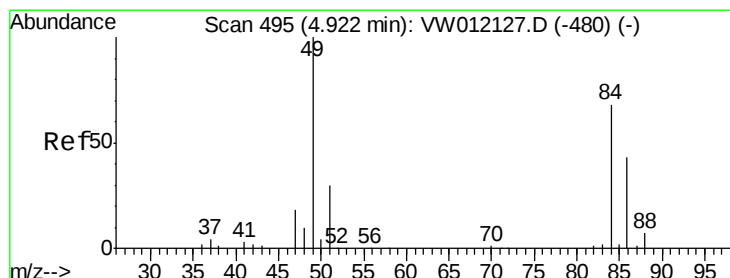
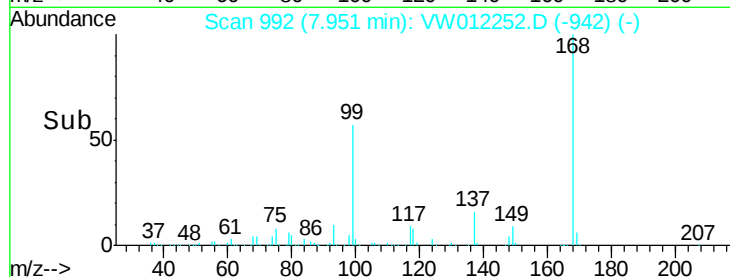
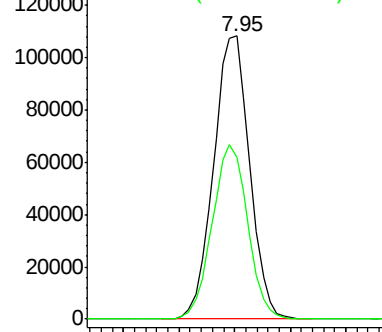
168 100

99 56.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 5.780 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012252.D

Acq: 28 Aug 2019 14:24

Tgt Ion: 84 Resp: 16156

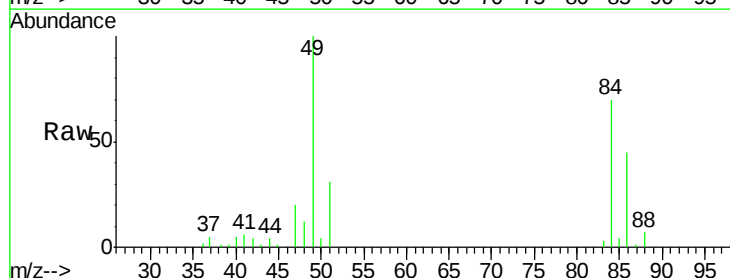
Ion Ratio Lower Upper

84 100

49 143.3 117.8 176.8

51 44.5 35.6 53.4

86 64.1 51.2 76.8

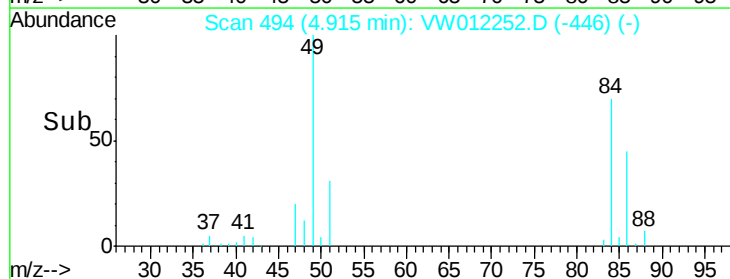
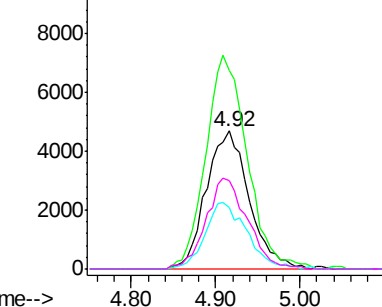


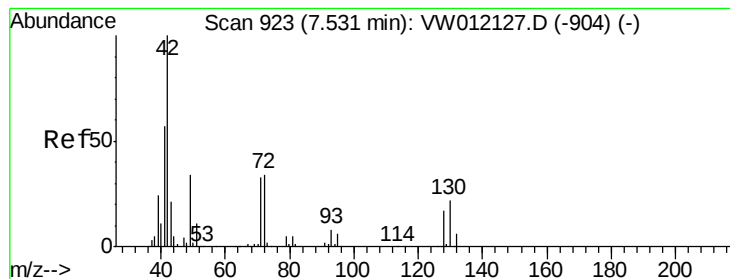
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#29

Tetrahydrofuran

Concen: 3.004 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012252.D

Acq: 28 Aug 2019 14:24

Instrument :

MSVOA_W

ClientSampled :

PX-06

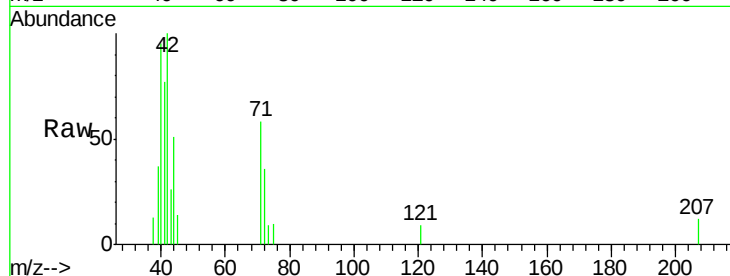
Tot Ion: 42 Resp: 1811

Ion Ratio Lower Upper

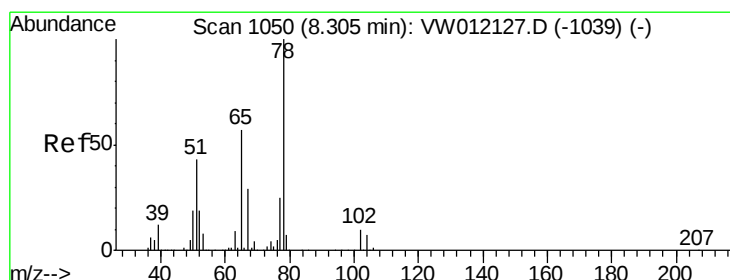
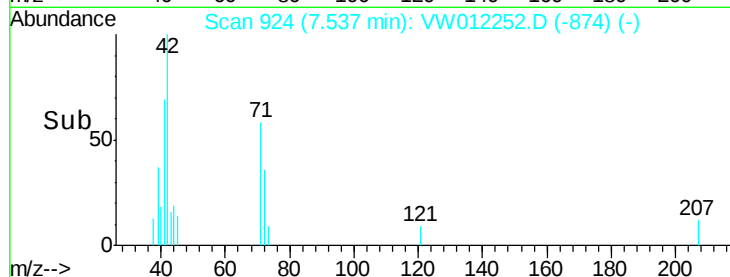
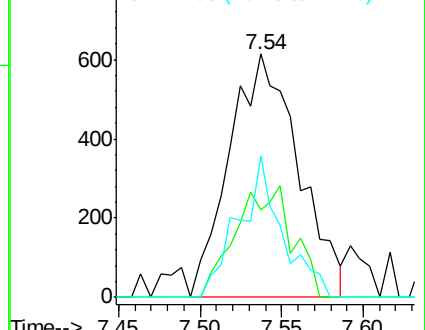
42 100

72 37.4 27.3 40.9

71 36.8 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 46.122 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012252.D

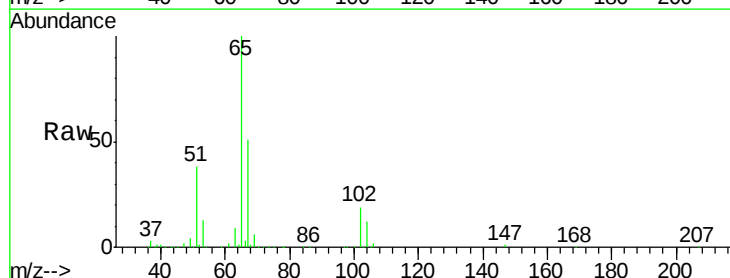
Acq: 28 Aug 2019 14:24

Tgt Ion: 65 Resp: 133412

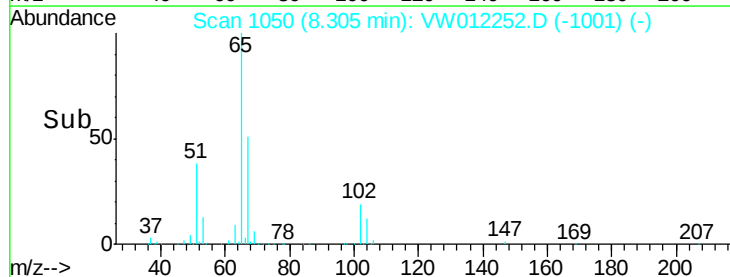
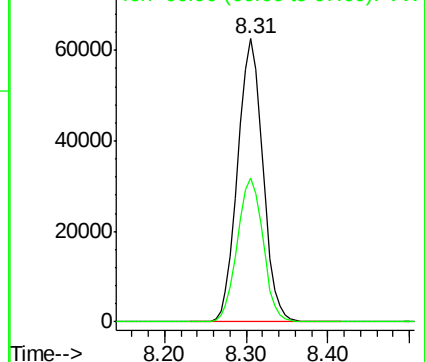
Ion Ratio Lower Upper

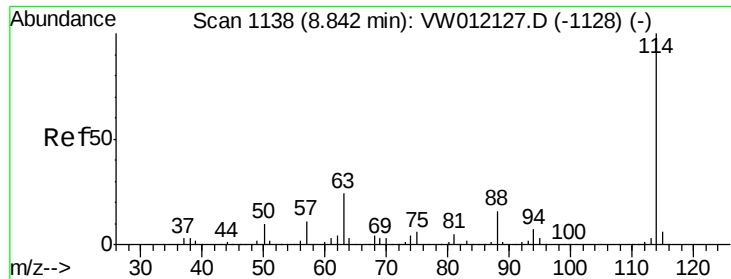
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

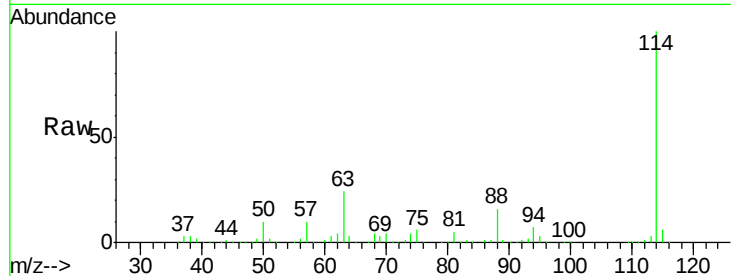




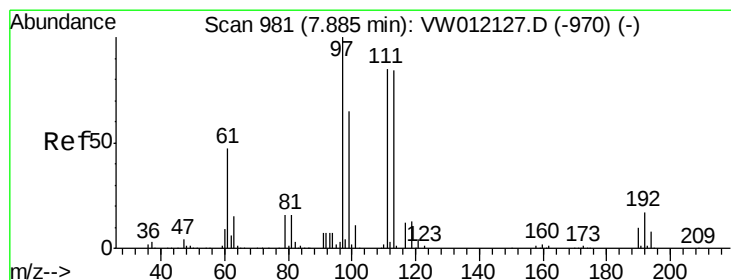
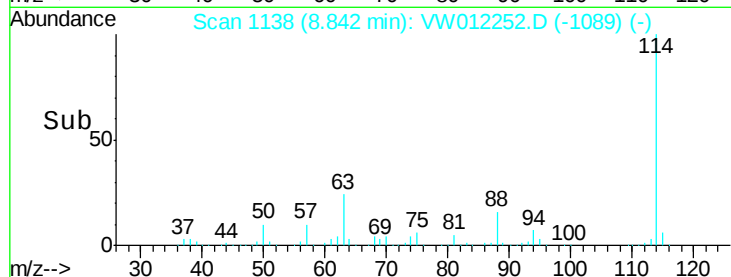
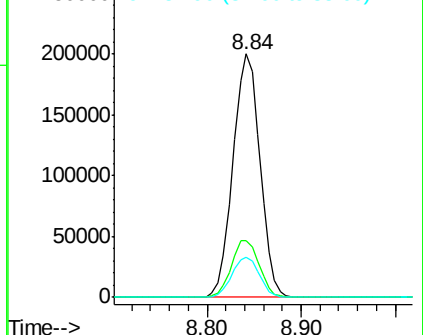
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012252.D
 Acq: 28 Aug 2019 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-06

Tot Ion:114 Resp: 399098
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 16.4 0.0 32.2

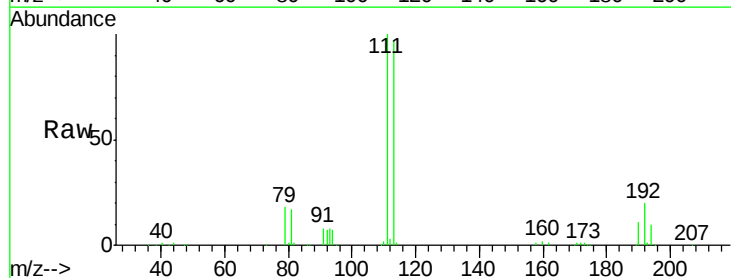


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

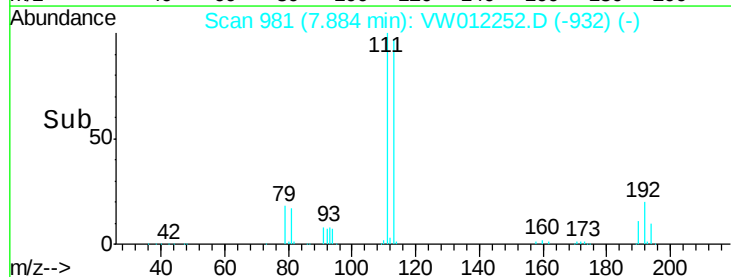
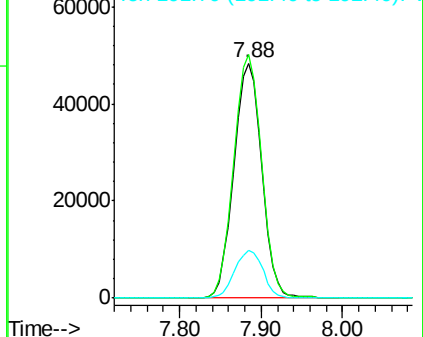


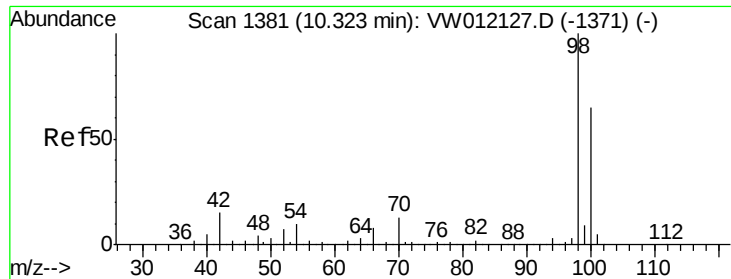
#35
 Dibromofluoromethane
 Concen: 47.840 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012252.D
 Acq: 28 Aug 2019 14:24

Tgt Ion:113 Resp: 113965
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 20.6 16.2 24.2



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: 50.028 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012252.D

Acq: 28 Aug 2019 14:24

Instrument :

MSVOA_W

ClientSampled :

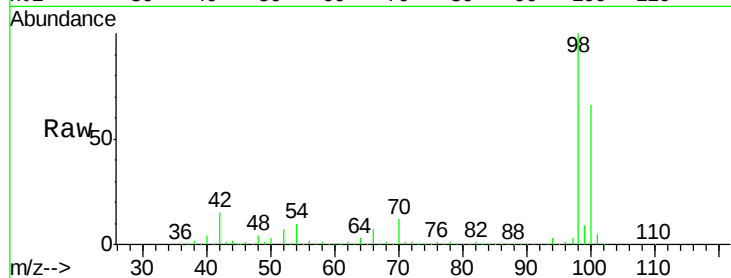
PX-06

Tot Ion: 98 Resp: 483228

Ion Ratio Lower Upper

98 100

100 65.6 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

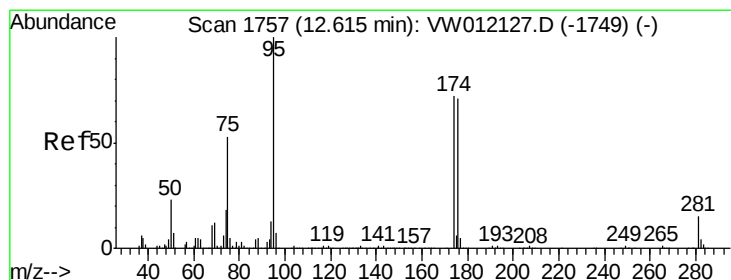
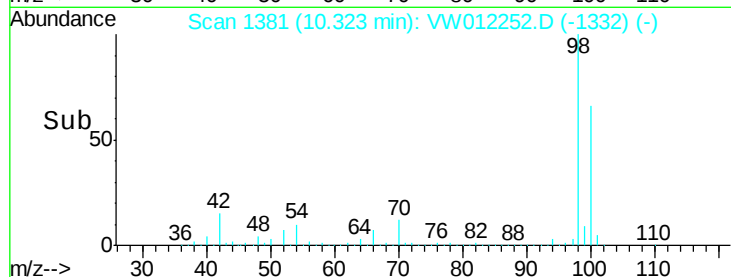
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.040 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012252.D

Acq: 28 Aug 2019 14:24

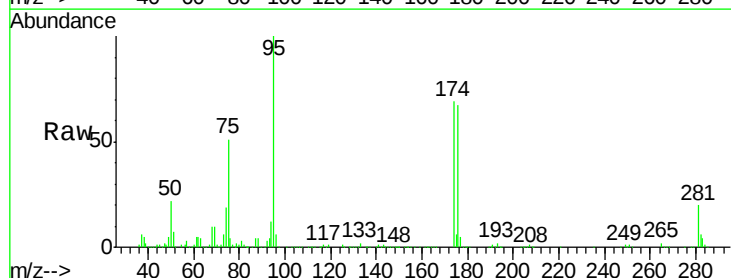
Tgt Ion: 95 Resp: 156761

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.8

176 72.6 0.0 148.6



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

120000

100000

80000

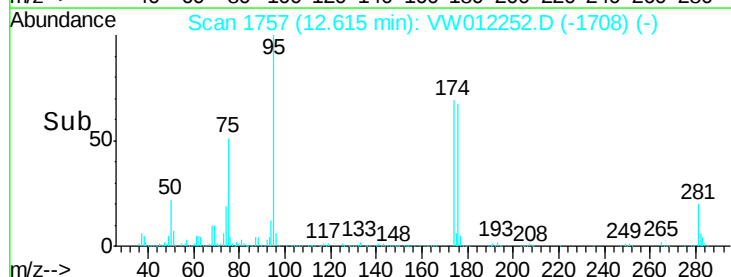
60000

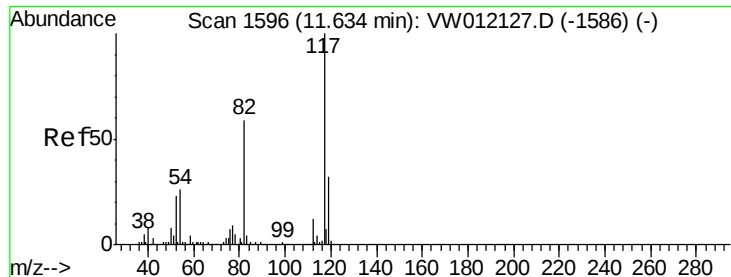
40000

20000

0

Time-->

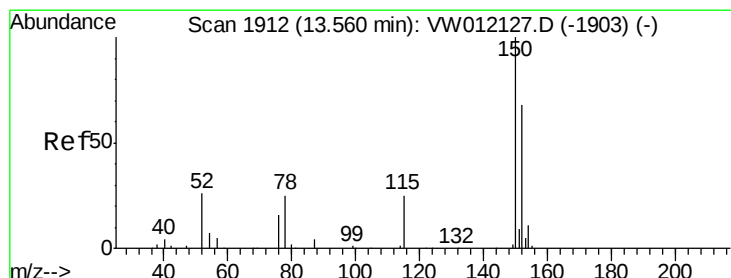
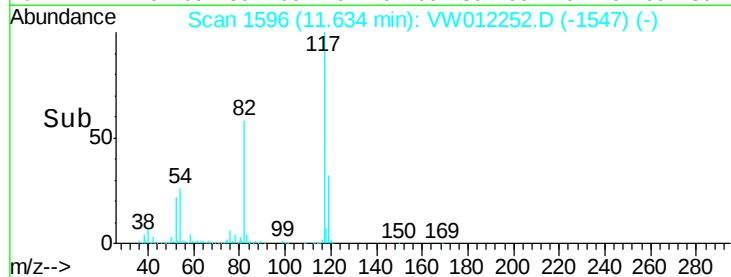
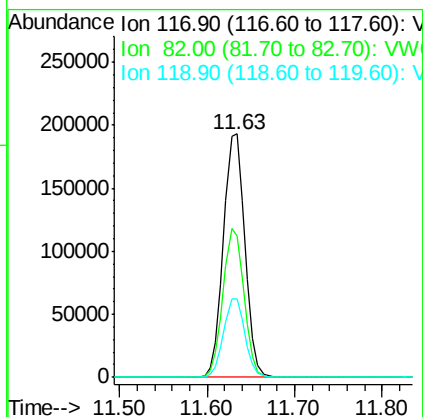
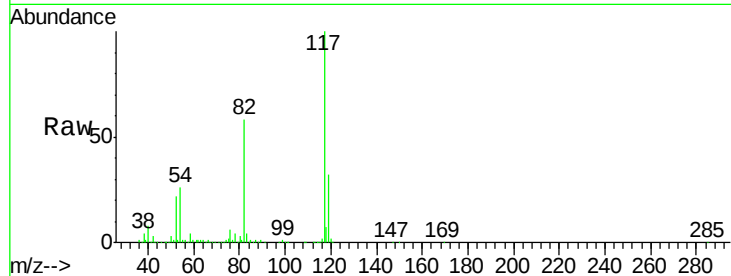




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012252.D
Acq: 28 Aug 2019 14:24

Instrument :
MSVOA_W
ClientSampled :
PX-06

Tot Ion:117 Resp: 328918
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012252.D
Acq: 28 Aug 2019 14:24

Tgt Ion:152 Resp: 135226
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 157.7 0.0 345.8

