

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012248.D
 Acq On : 28 Aug 2019 12:41
 Operator : SY/VA
 Sample : K4521-15
 Misc : 3.84G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-18

Quant Time: Aug 28 17:47:28 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

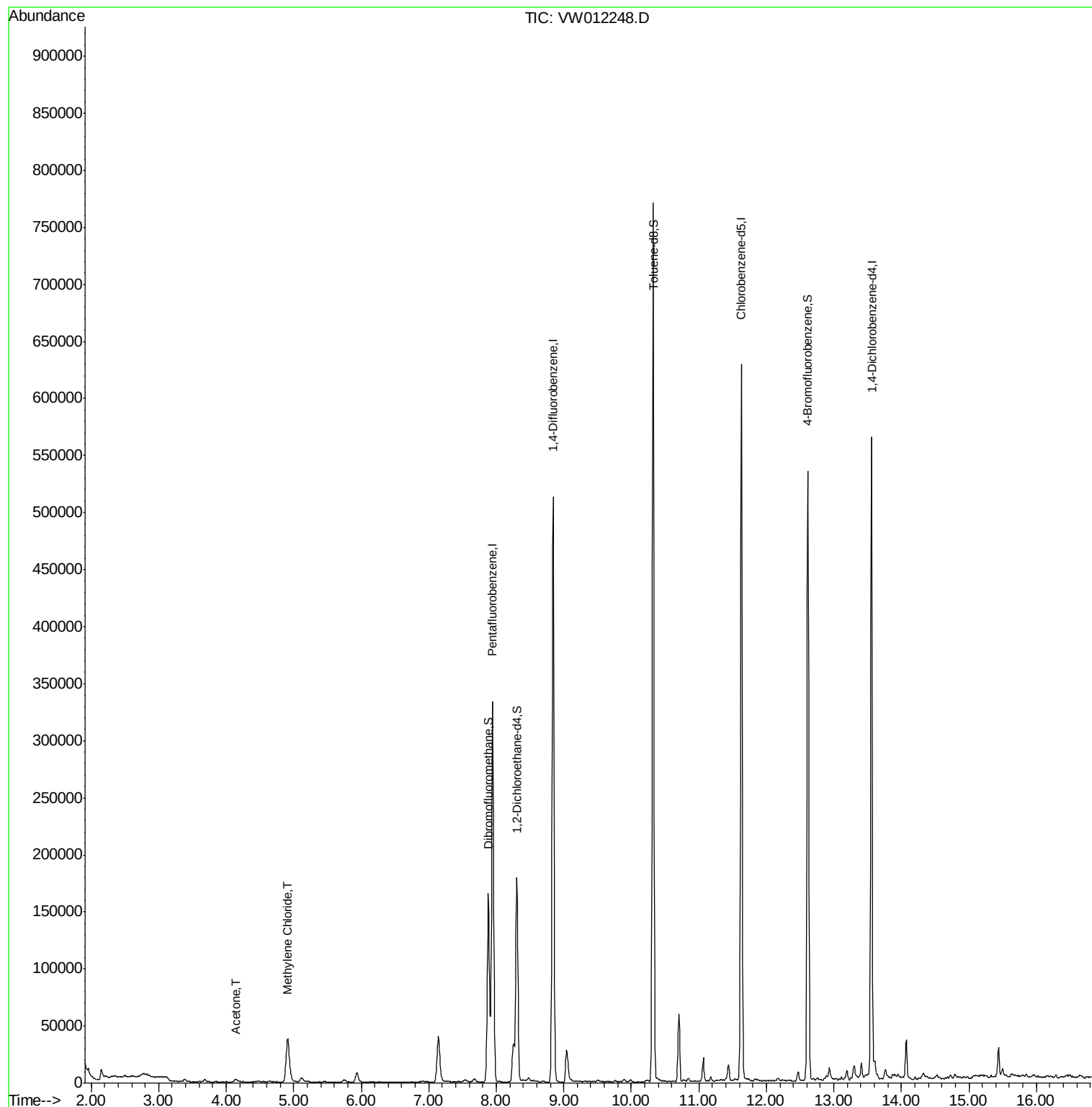
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139705	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.88	113	117177	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.32	98	489411	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	160796	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
16) Acetone	4.14	43	5321	7.276	ug/l	96
20) Methylene Chloride	4.91	84	28818	10.424	ug/l	95

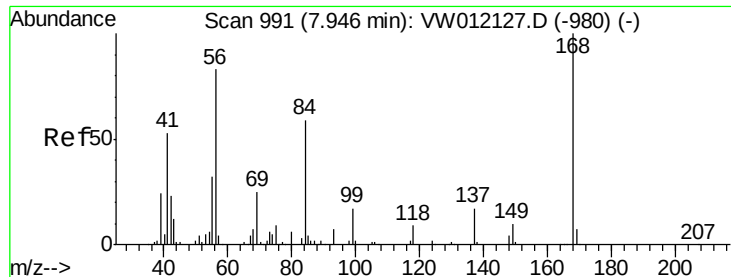
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

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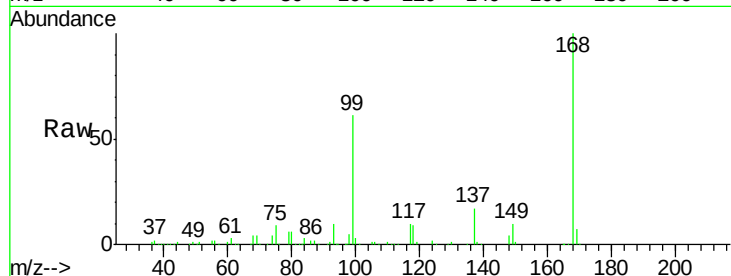
PX-18

Tot Ion:168 Resp: 240651

Ion Ratio Lower Upper

168 100

99 61.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

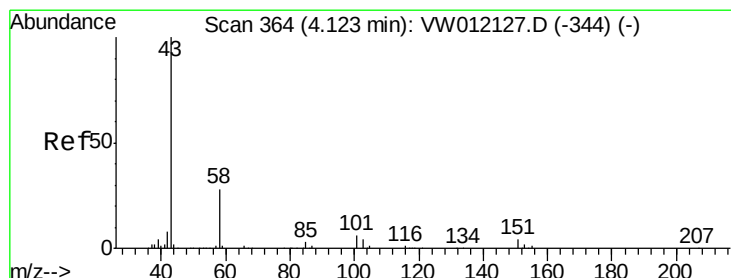
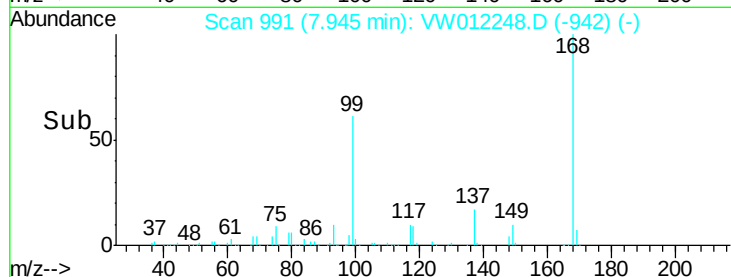
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.276 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012248.D

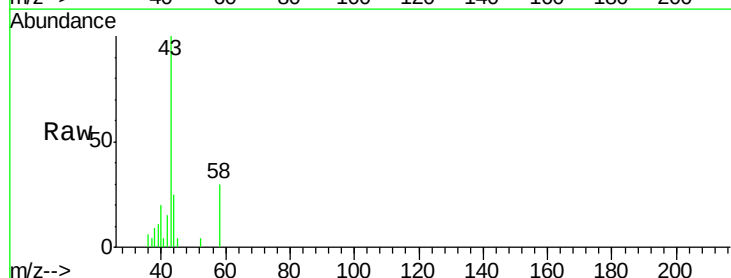
Acq: 28 Aug 2019 12:41

Tgt Ion: 43 Resp: 5321

Ion Ratio Lower Upper

43 100

58 30.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

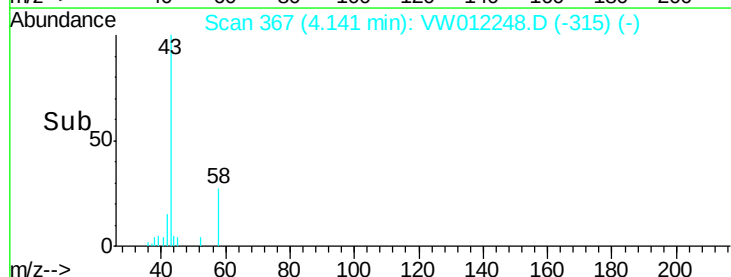
1500

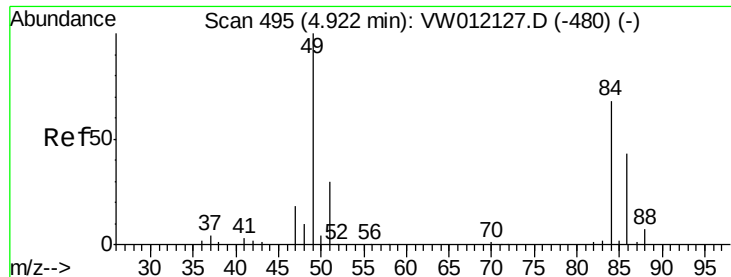
1000

500

0

Time--> 4.10 4.20

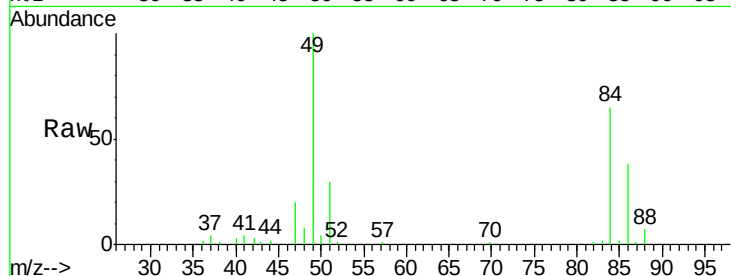




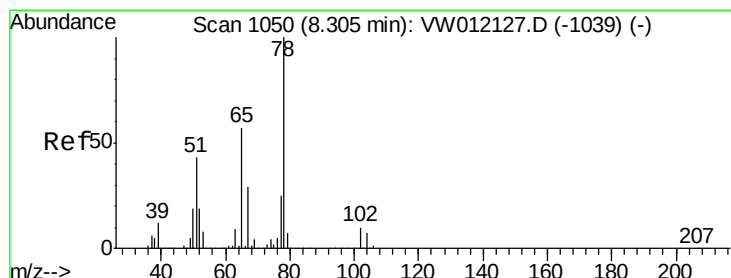
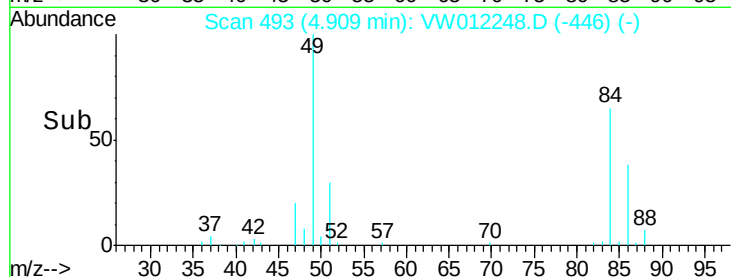
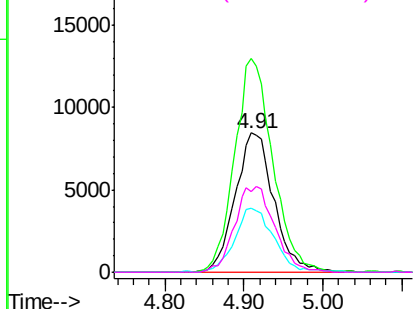
#20
Methylene Chloride
Concen: 10.424 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012248.D
Acq: 28 Aug 2019 12:41

Instrument :
MSVOA_W
ClientSampleId :
PX-18

Tot Ion:	84	Resp:	28818
Ion	Ratio	Lower	Upper
84	100		
49	153.2	117.8	176.8
51	44.8	35.6	53.4
86	57.7	51.2	76.8

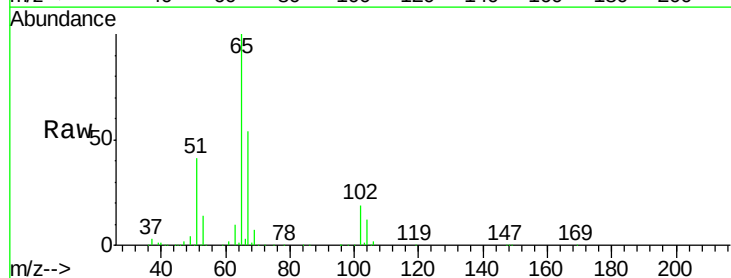


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

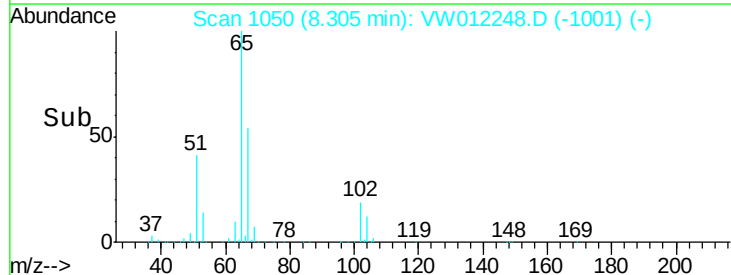
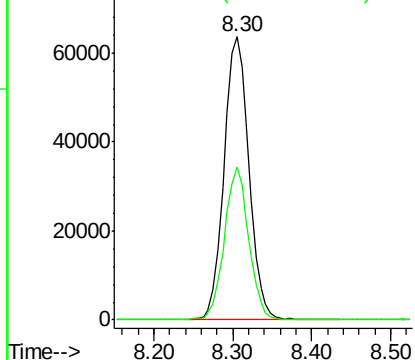


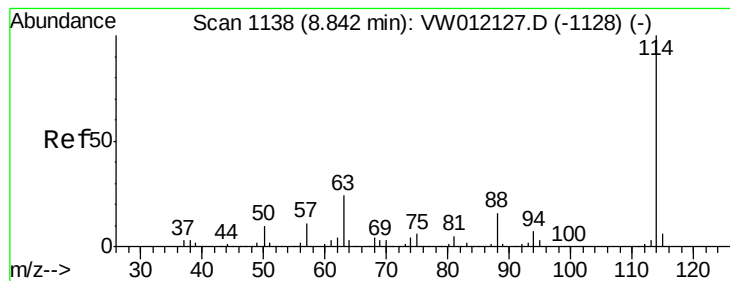
#33
1,2-Dichloroethane-d4
Concen: 48.835 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012248.D
Acq: 28 Aug 2019 12:41

Tgt Ion:	65	Resp:	139705
Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VW012248.D

Acq: 28 Aug 2019 12:41

Instrument :

MSVOA_W

ClientSampleId :

PX-18

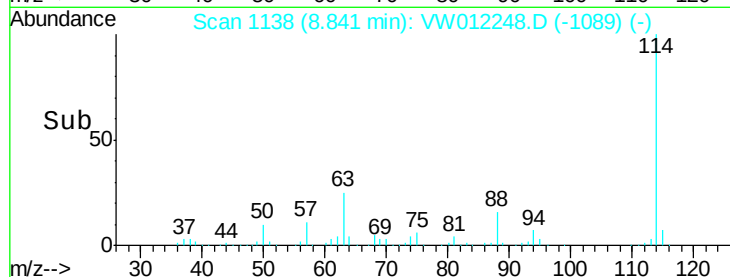
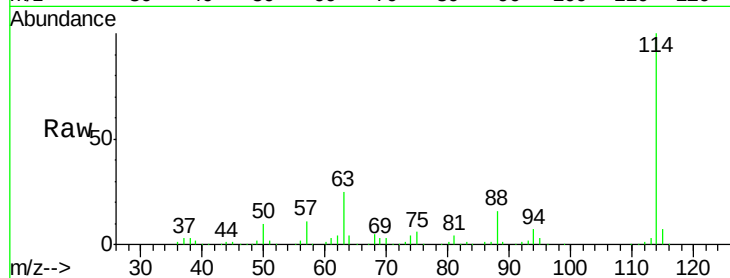
Tot Ion:114 Resp: 403137

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.6

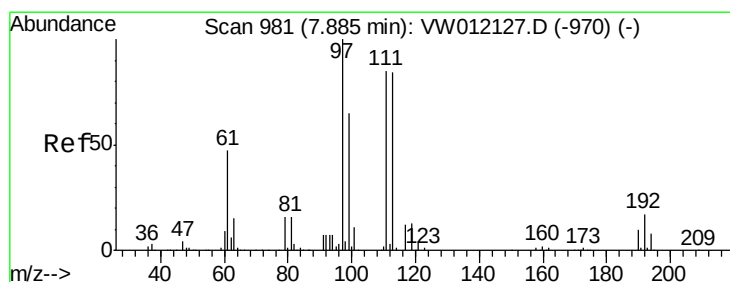
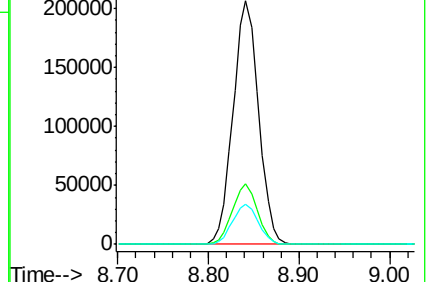
88 16.4 0.0 32.2



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: 48.695 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012248.D

Acq: 28 Aug 2019 12:41

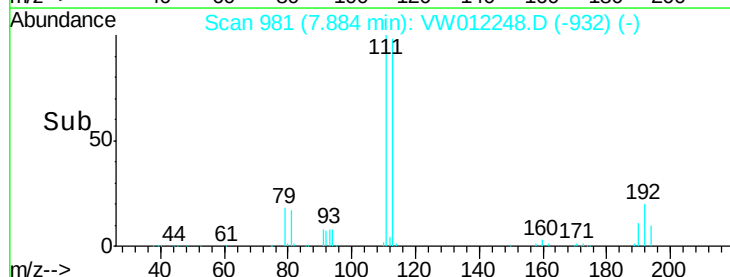
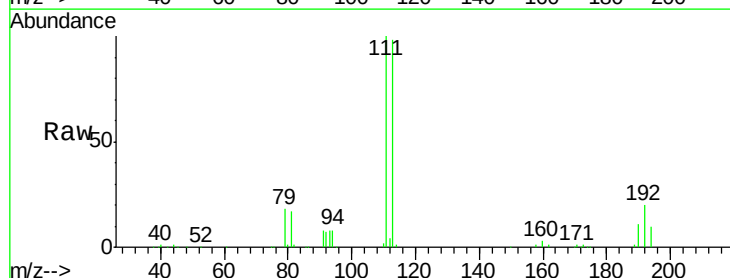
Tgt Ion:113 Resp: 117177

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

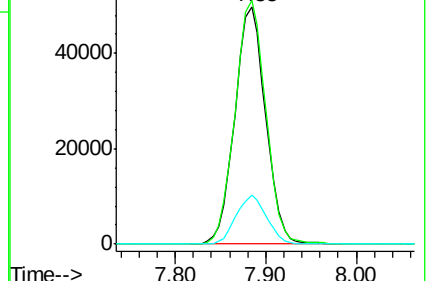
192 20.4 16.2 24.2

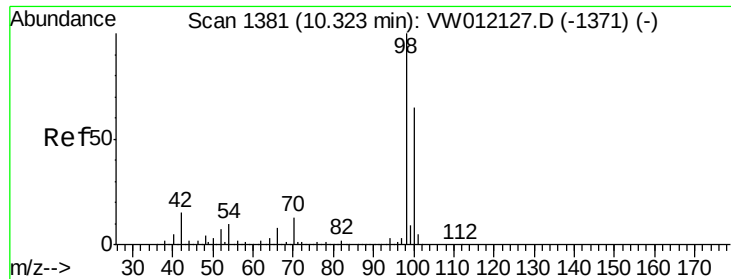


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.160 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012248.D

Acq: 28 Aug 2019 12:41

Instrument :

MSVOA_W

ClientSampled :

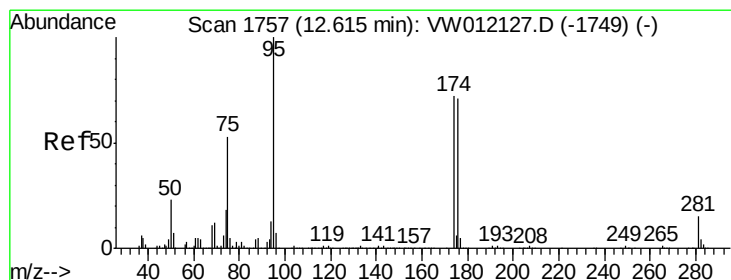
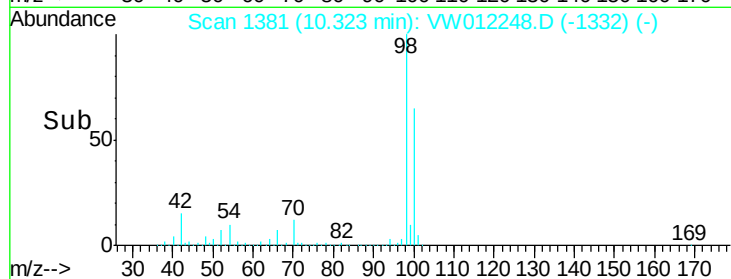
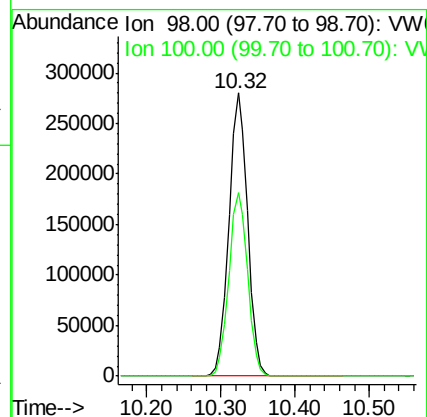
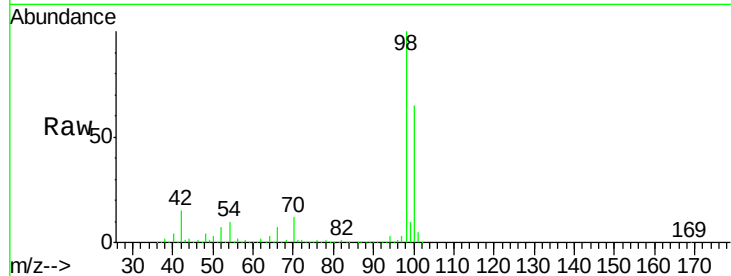
PX-18

Tot Ion: 98 Resp: 489411

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.752 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012248.D

Acq: 28 Aug 2019 12:41

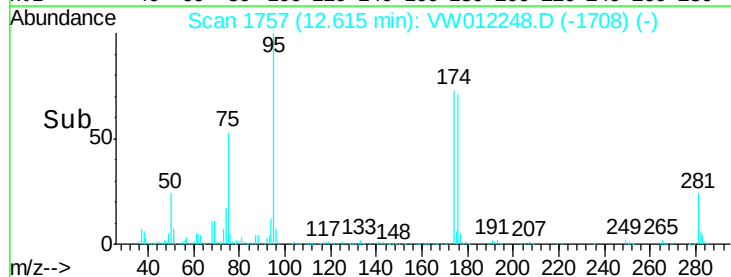
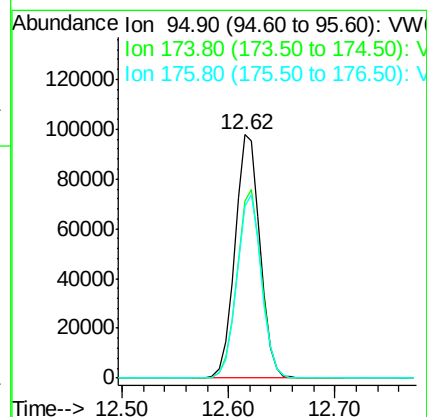
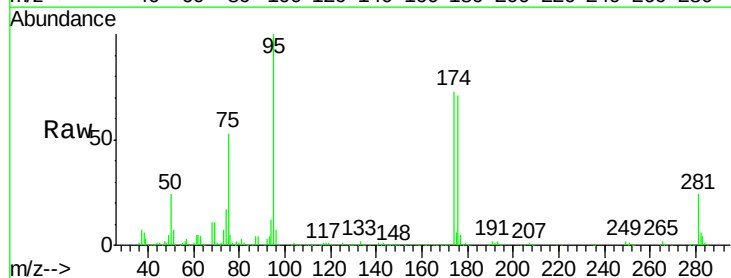
Tgt Ion: 95 Resp: 160796

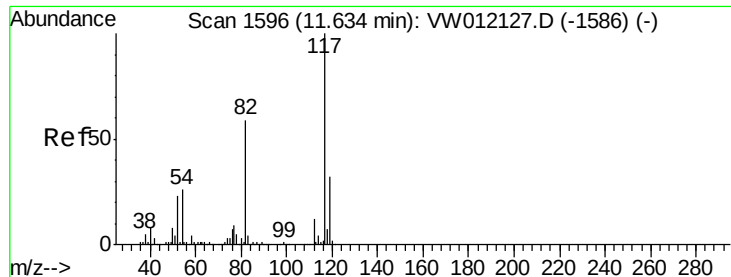
Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.8

176 73.9 0.0 148.6

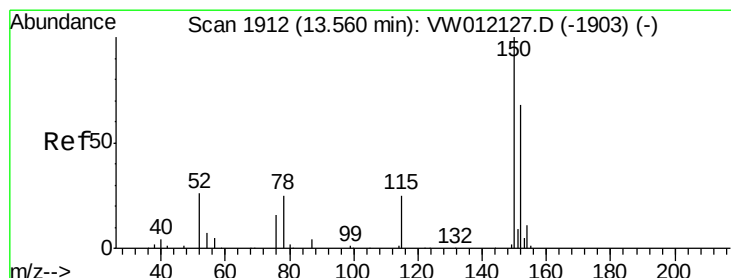
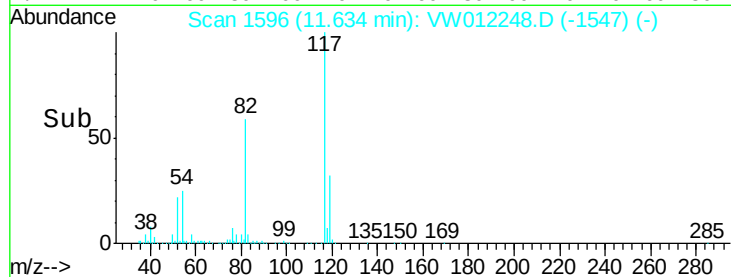
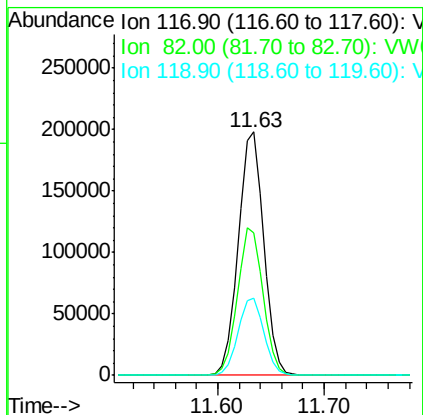
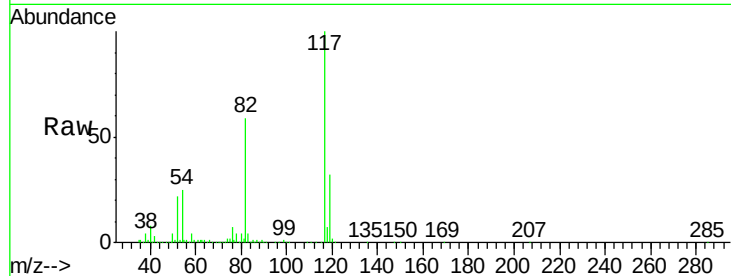




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012248.D
Acq: 28 Aug 2019 12:41

Instrument :
MSVOA_W
ClientSampled :
PX-18

Tot Ion:117 Resp: 333846
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.6 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: VW012248.D
Acq: 28 Aug 2019 12:41

Tgt Ion:152 Resp: 141827
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.3
150 156.5 0.0 345.8

