

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012207.D
 Acq On : 27 Aug 2019 12:50
 Operator : SY/VA
 Sample : K4521-03
 Misc : 4.49G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-06

Quant Time: Aug 28 05:34:31 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

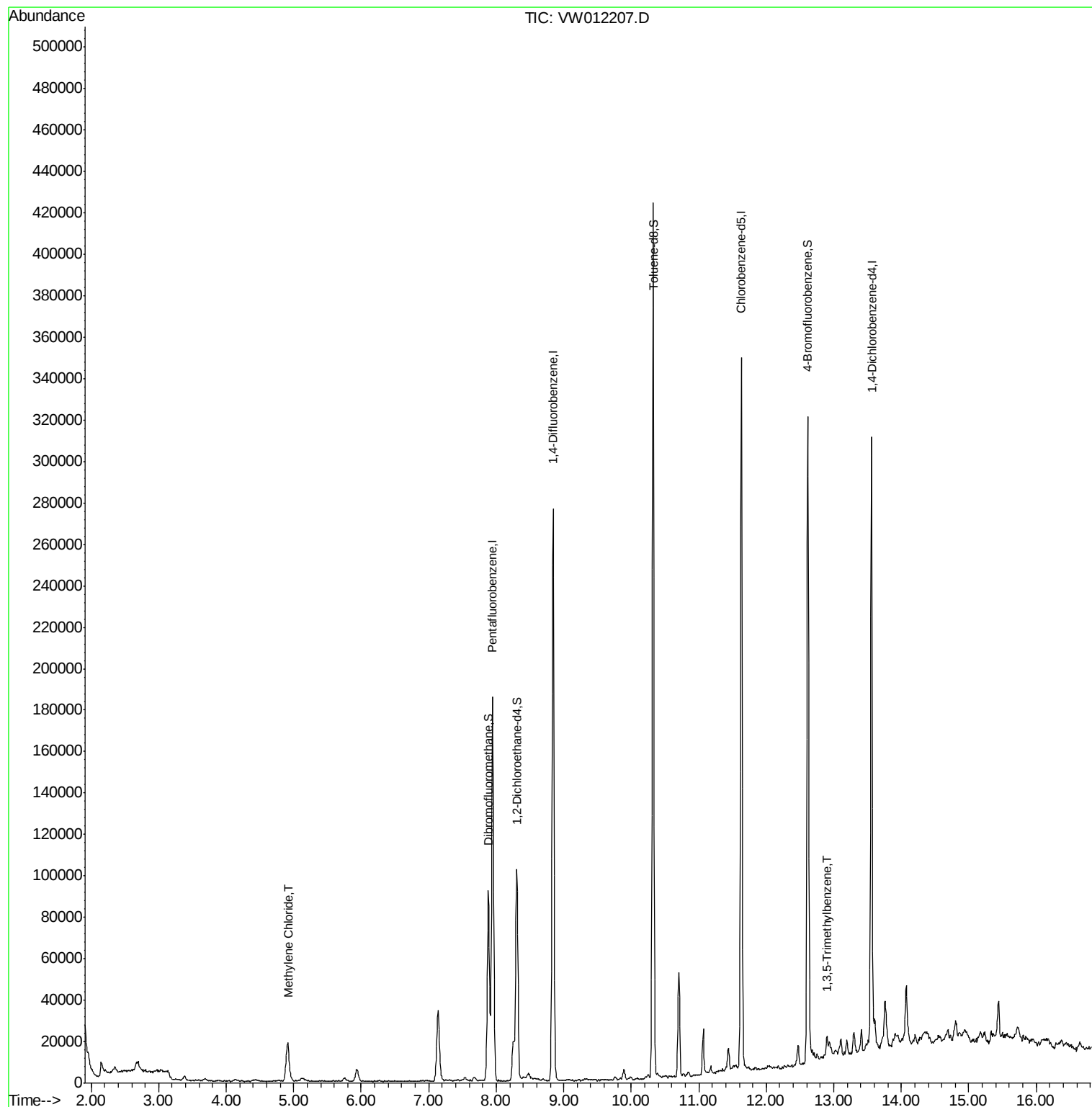
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	133389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	216678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81647	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	7.88	113	66634	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.32	98	266525	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	88401	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
20) Methylene Chloride	4.92	84	12964	8.460	ug/l	95
80) 1,3,5-Trimethylbenzene	12.90	105	5595	1.207	ug/l	77

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

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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# 991

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

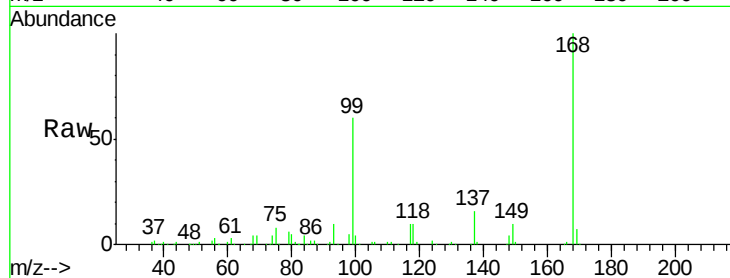
PX-06

Tot Ion:168 Resp: 133389

Ion Ratio Lower Upper

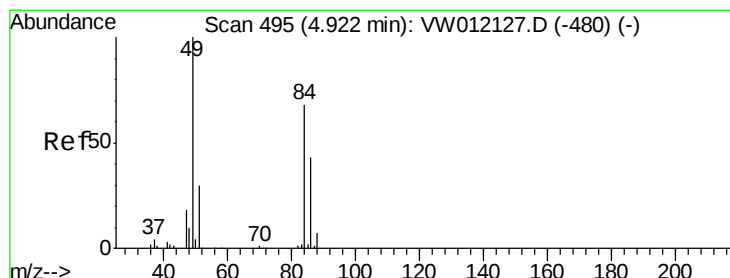
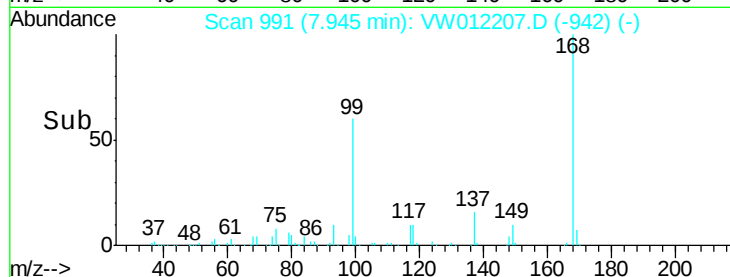
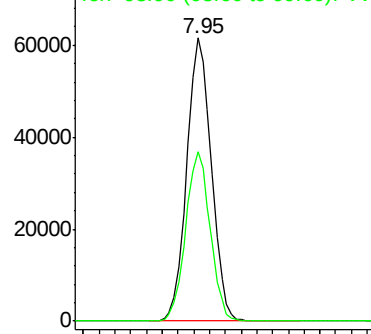
168 100

99 60.0 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: 8.460 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

Tgt Ion: 84 Resp: 12964

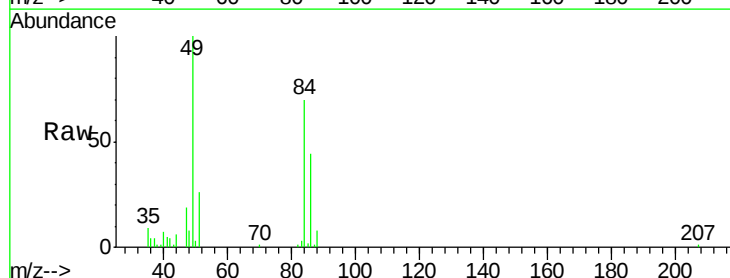
Ion Ratio Lower Upper

84 100

49 142.0 117.8 176.8

51 36.2 35.6 53.4

86 62.2 51.2 76.8

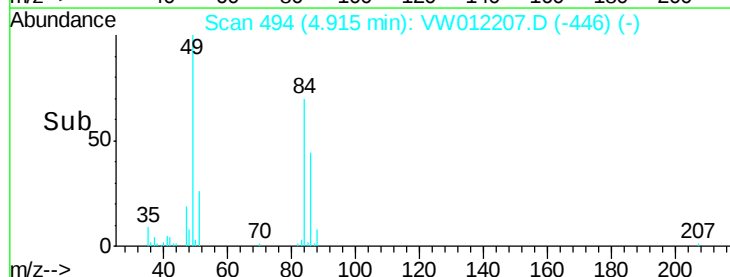
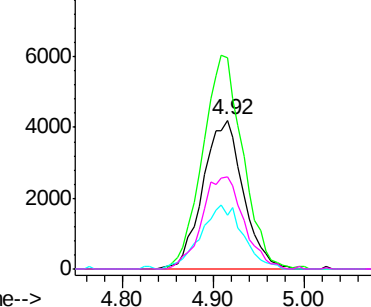


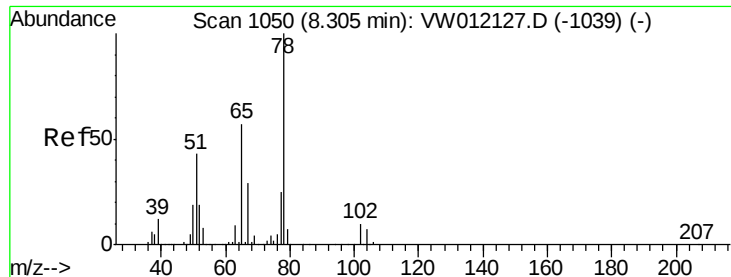
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 51.491 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

Instrument :

MSVOA_W

ClientSampled :

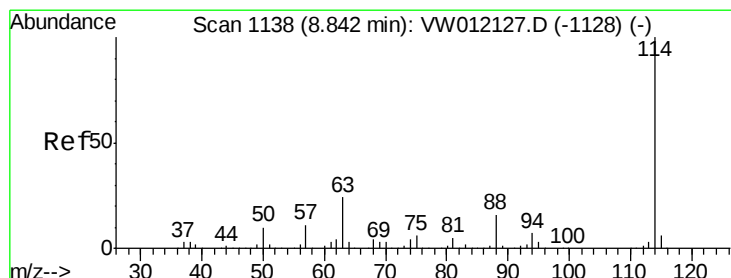
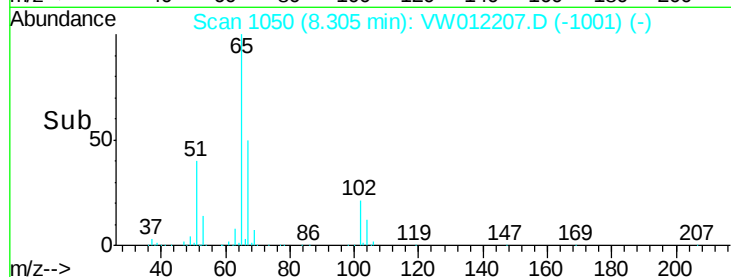
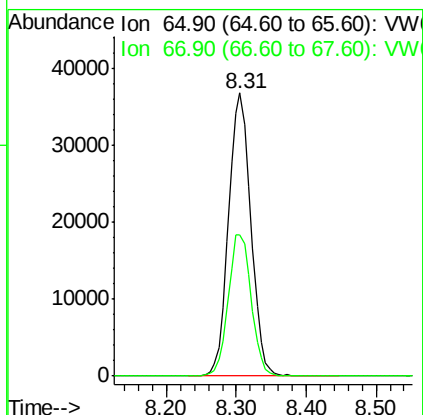
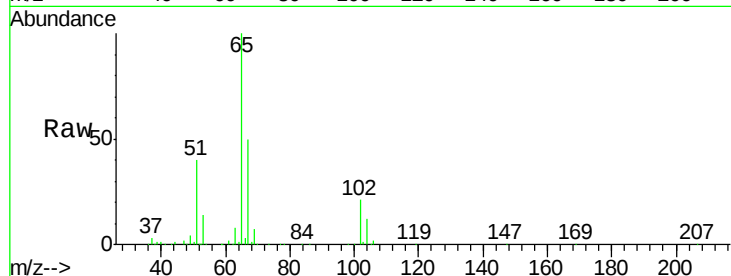
PX-06

Tot Ion: 65 Resp: 81647

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

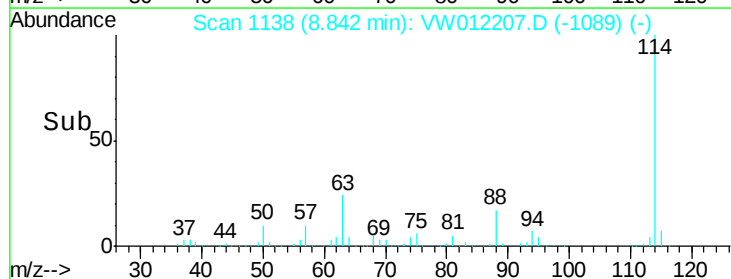
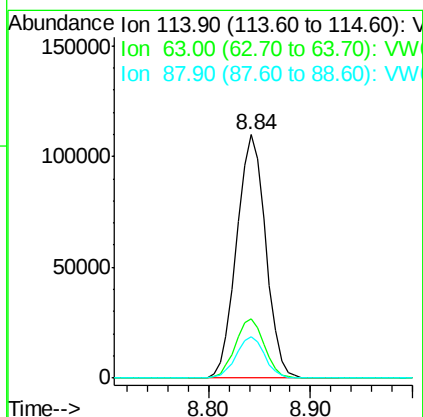
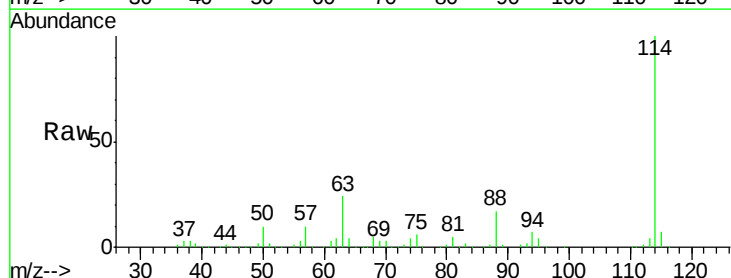
Tgt Ion: 114 Resp: 216678

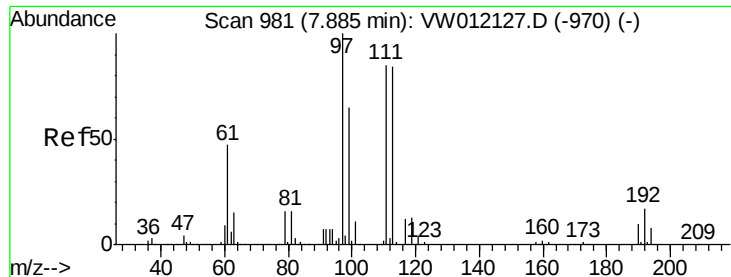
Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

PX-06

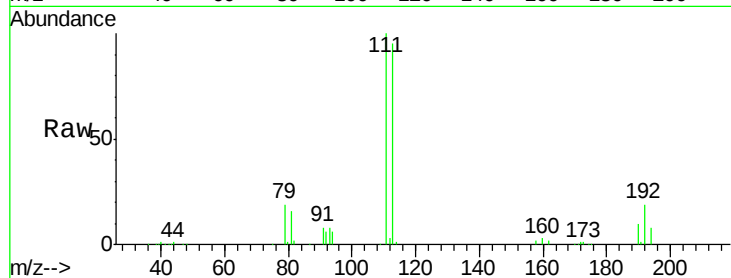
Tot Ion:113 Resp: 66634

Ion Ratio Lower Upper

113 100

111 101.0 82.7 124.1

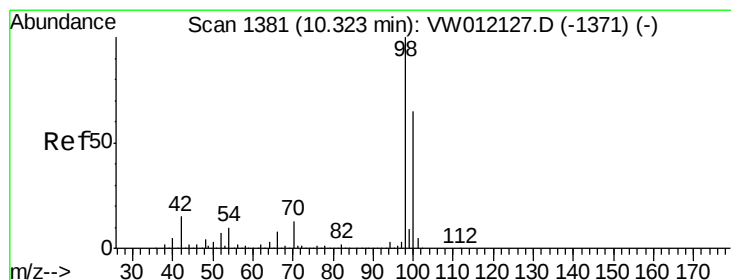
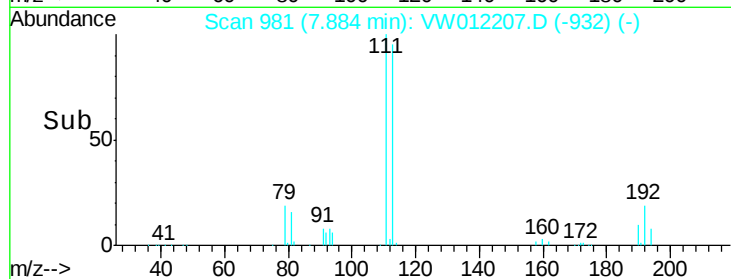
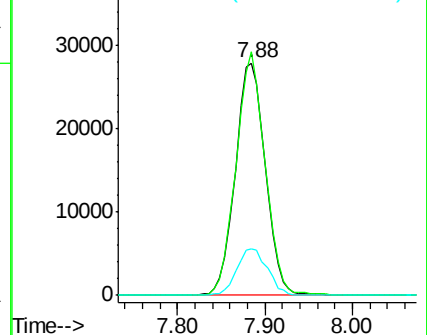
192 20.6 16.2 24.2



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: 50.823 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012207.D

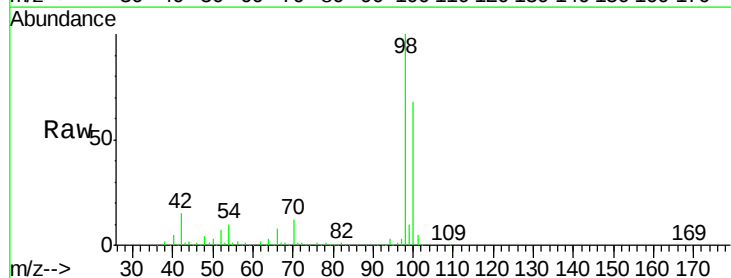
Acq: 27 Aug 2019 12:50

Tgt Ion: 98 Resp: 266525

Ion Ratio Lower Upper

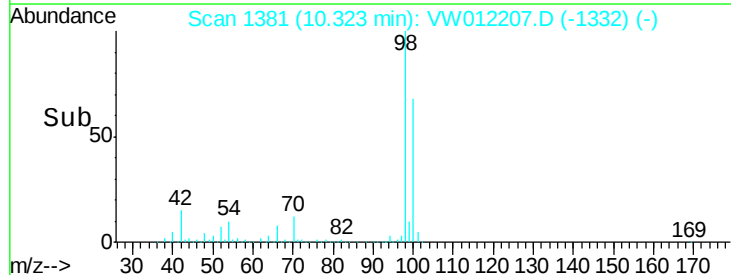
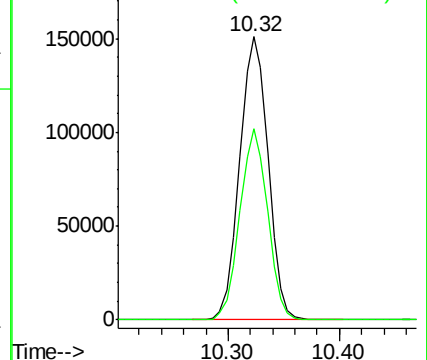
98 100

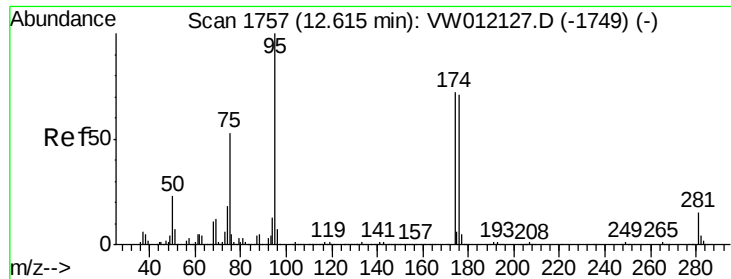
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.821 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

PX-06

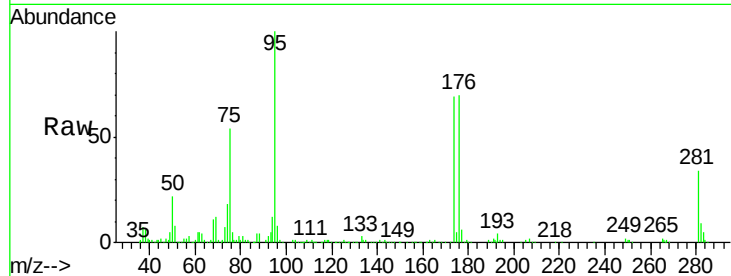
Tot Ion: 95 Resp: 88401

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.8

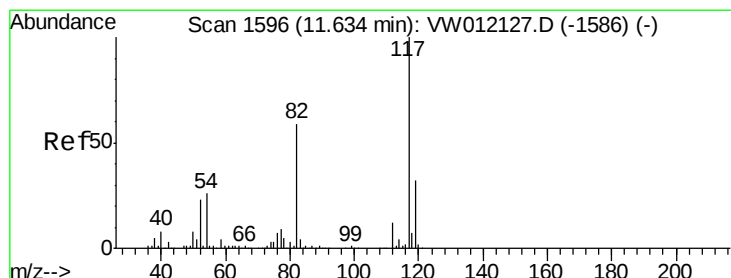
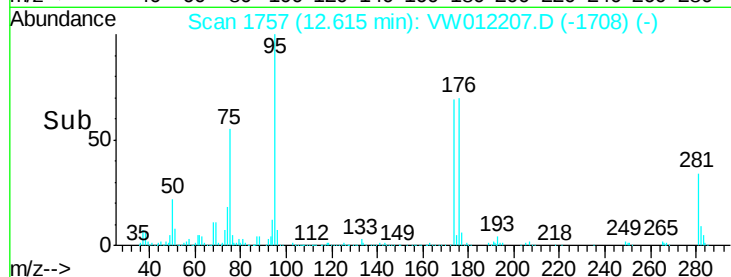
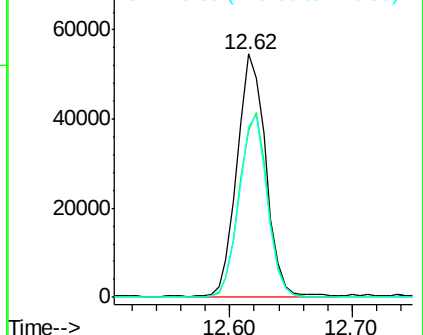
176 73.8 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

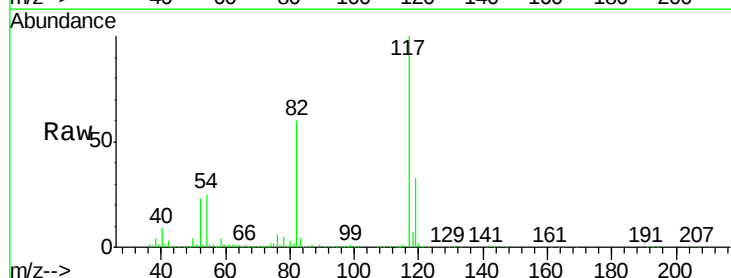
Tgt Ion: 117 Resp: 185002

Ion Ratio Lower Upper

117 100

82 60.0 47.4 71.2

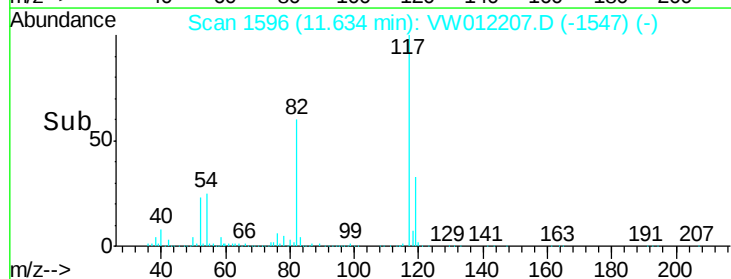
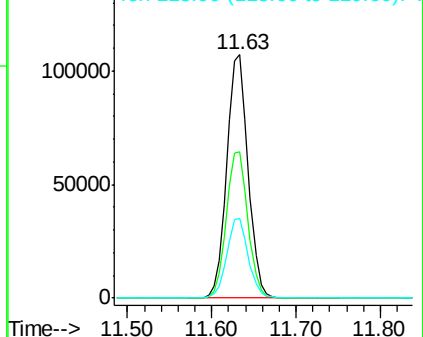
119 32.7 25.4 38.2

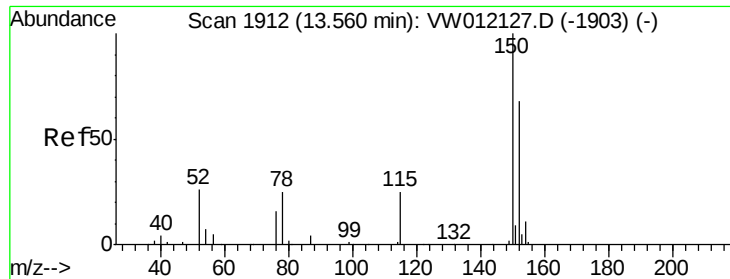


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012207.D

Acq: 27 Aug 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

PX-06

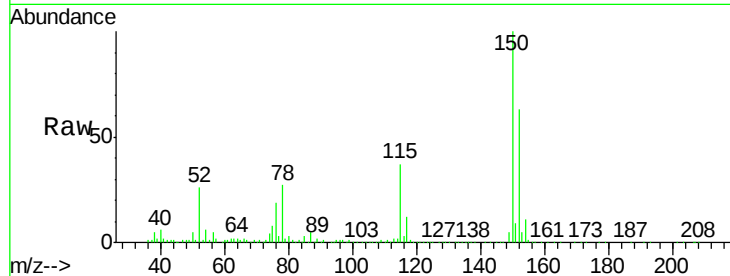
Tot Ion:152 Resp: 74037

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

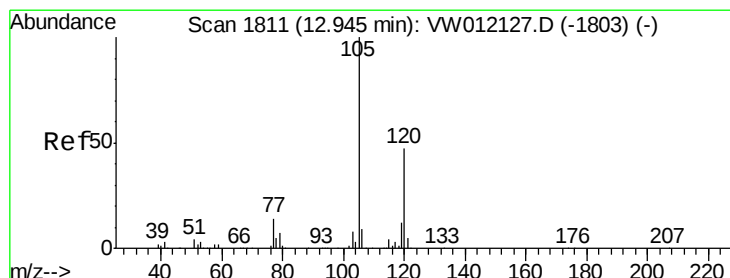
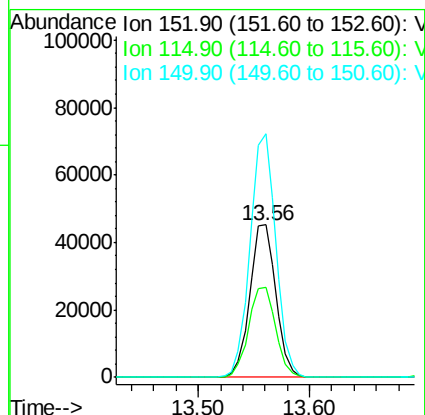
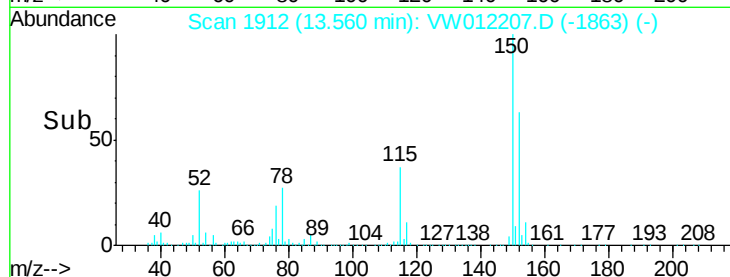
150 157.2 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.207 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. -0.04 min

Lab File: VW012207.D

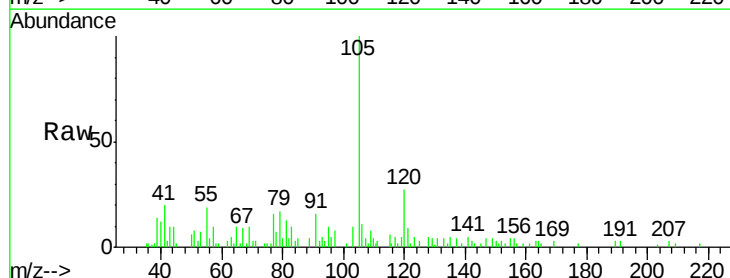
Acq: 27 Aug 2019 12:50

Tgt Ion:105 Resp: 5595

Ion Ratio Lower Upper

105 100

120 32.2 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

