

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012476.D
 Acq On : 02 Sep 2019 04:33
 Operator : SY/VA
 Sample : K4528-02
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)

Quant Time: Sep 02 08:42:22 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

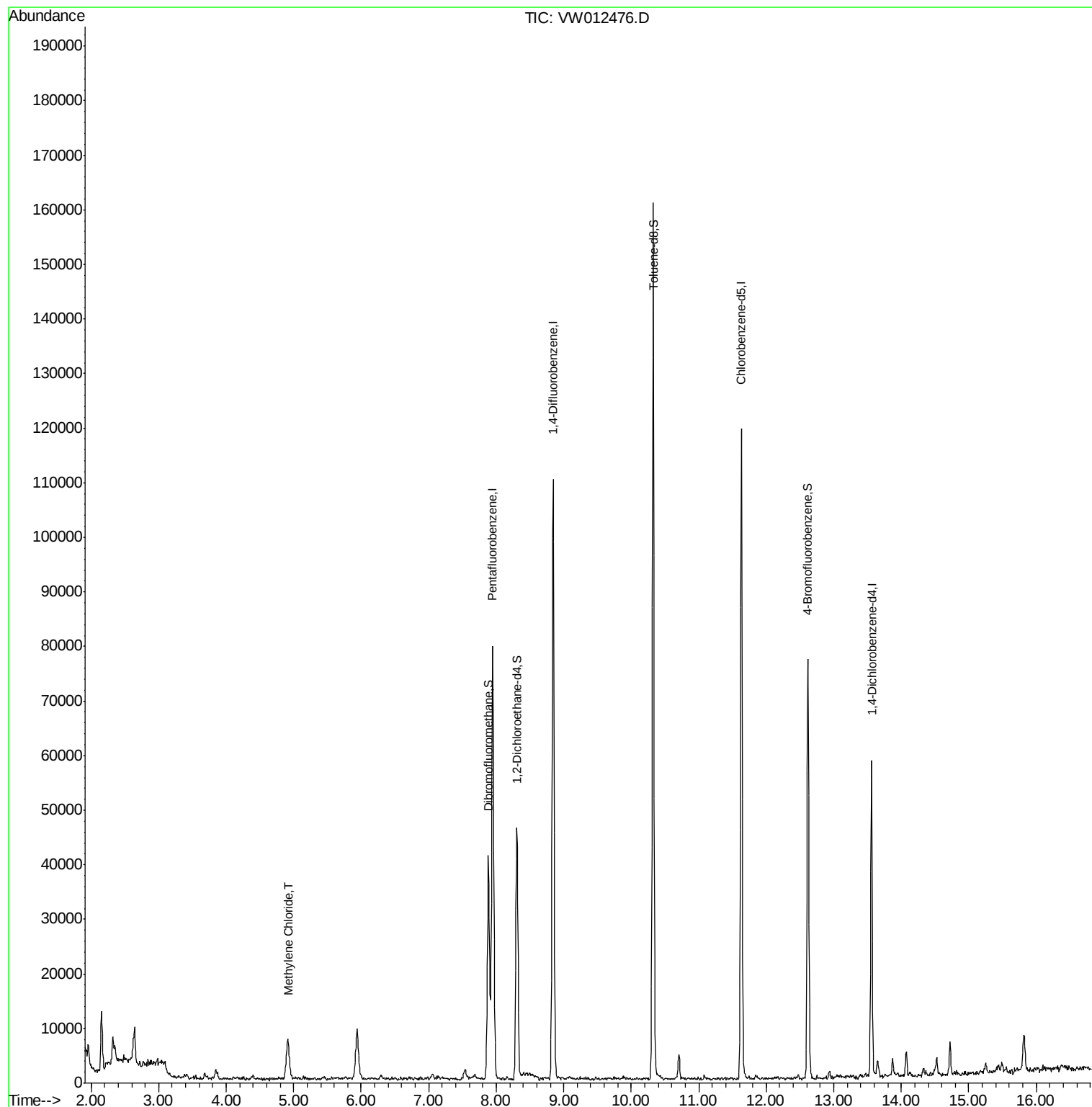
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	56520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	85115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	62753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37170	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	7.88	113	28336	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
50) Toluene-d8	10.32	98	99086	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.62	95	23448	32.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.58%	
Target Compounds						
20) Methylene Chloride	4.92	84	4612	7.103	ug/l	Qvalue 91

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

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Quant Title : SW846 8260
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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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Instrument :

MSVOA_W

ClientSampleId :

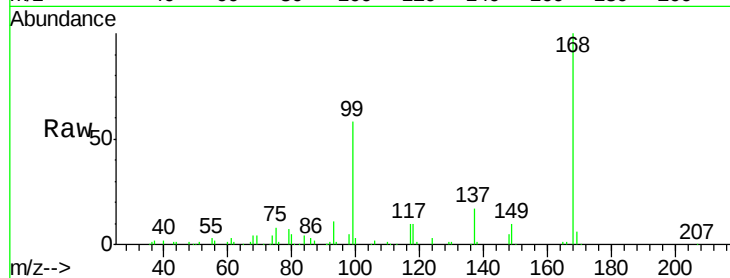
T9-12-13-Q3-(0)

Tot Ion:168 Resp: 56520

Ion Ratio Lower Upper

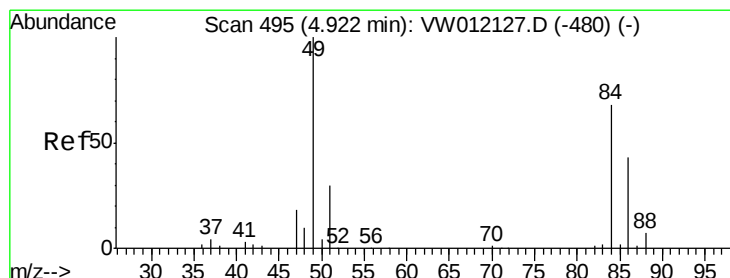
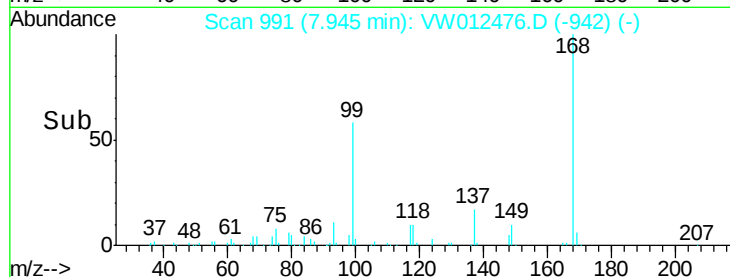
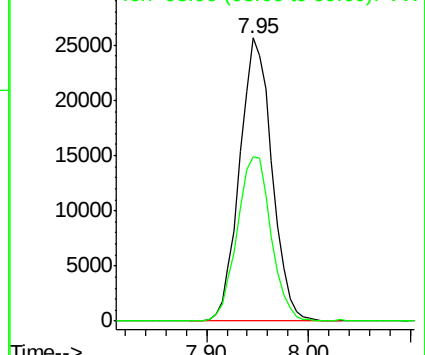
168 100

99 58.0 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: 7.103 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012476.D

Acq: 02 Sep 2019 04:33

Tgt Ion: 84 Resp: 4612

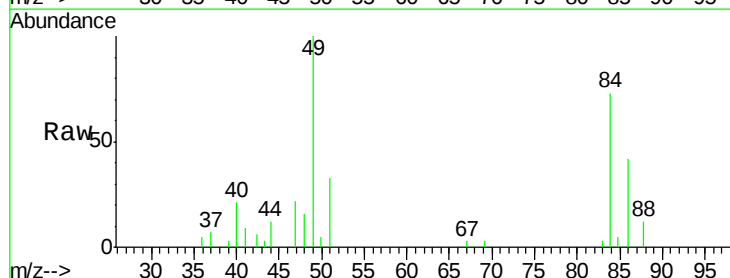
Ion Ratio Lower Upper

84 100

49 133.5 117.8 176.8

51 45.0 35.6 53.4

86 57.6 51.2 76.8

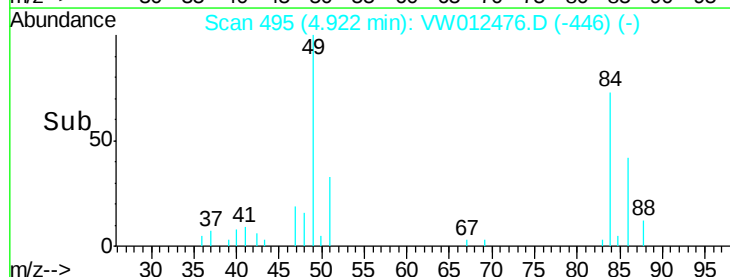
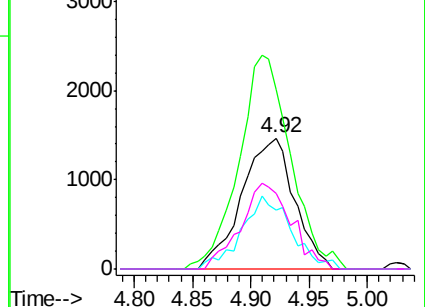


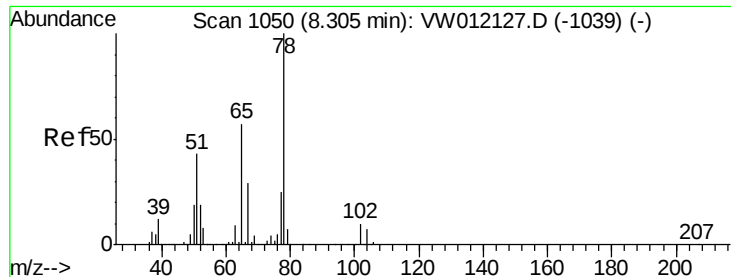
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 55.322 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012476.D

Acq: 02 Sep 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

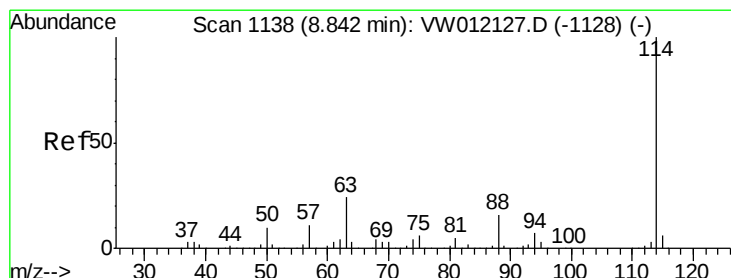
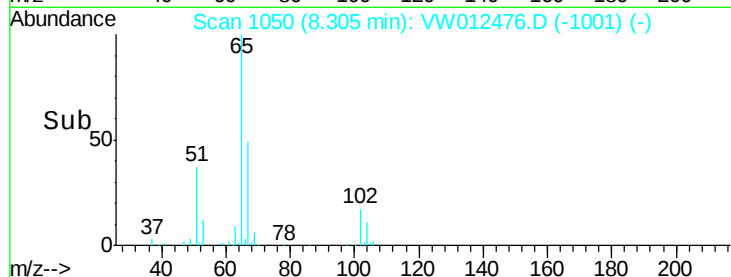
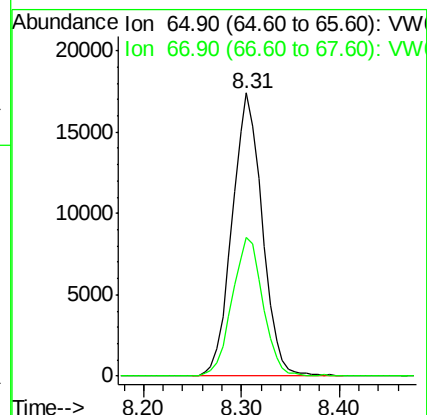
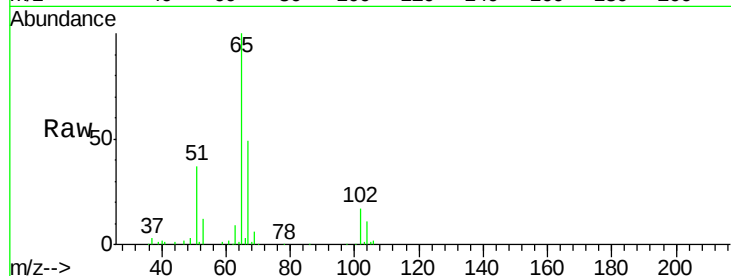
T9-12-13-Q3-(0)

Tot Ion: 65 Resp: 37170

Ion Ratio Lower Upper

65 100

67 50.0 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: VW012476.D

Acq: 02 Sep 2019 04:33

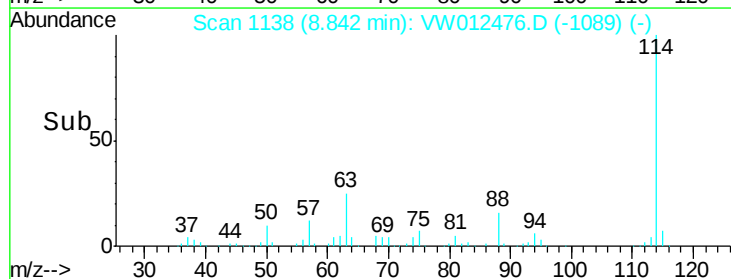
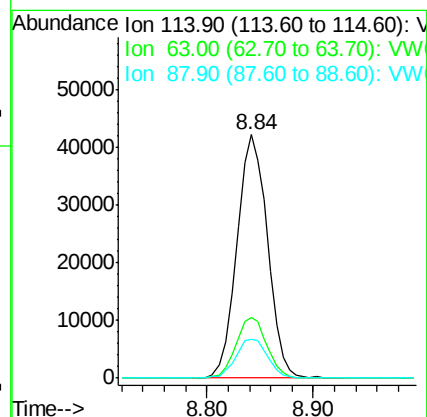
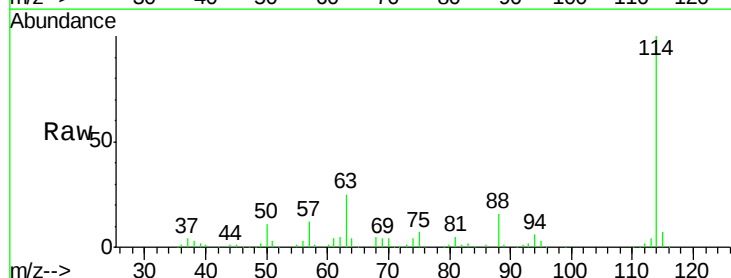
Tgt Ion: 114 Resp: 85115

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.774 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012476.D

Acq: 02 Sep 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)

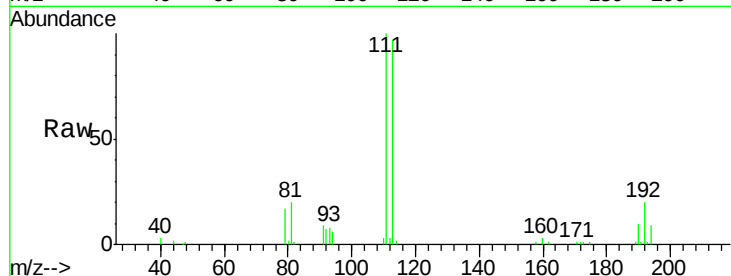
Tot Ion:113 Resp: 28336

Ion Ratio Lower Upper

113 100

111 98.9 82.7 124.1

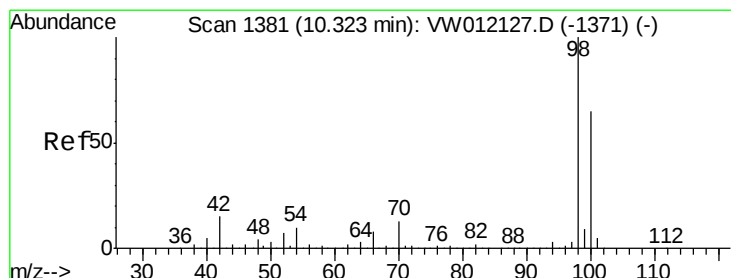
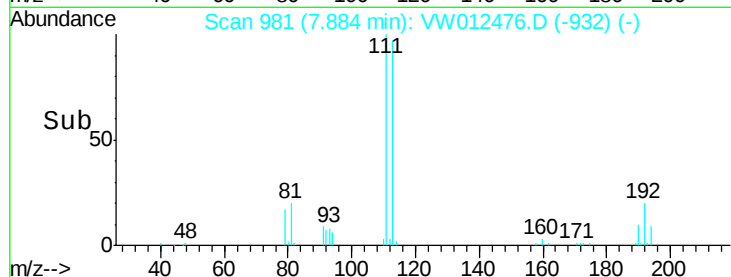
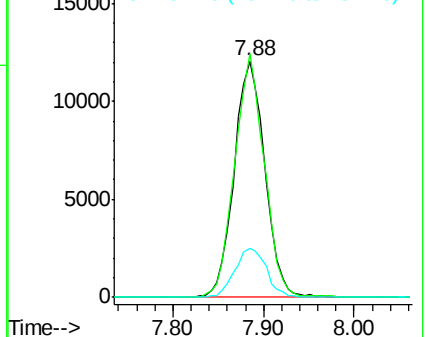
192 21.2 16.2 24.2



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: 48.100 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012476.D

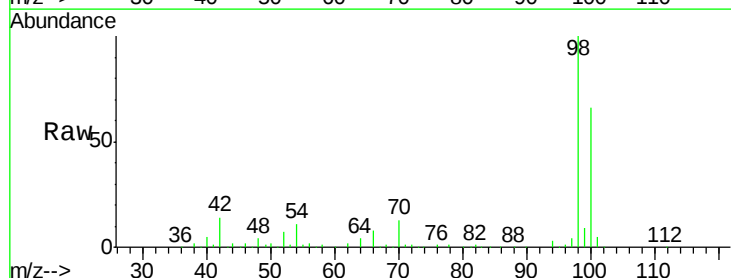
Acq: 02 Sep 2019 04:33

Tgt Ion: 98 Resp: 99086

Ion Ratio Lower Upper

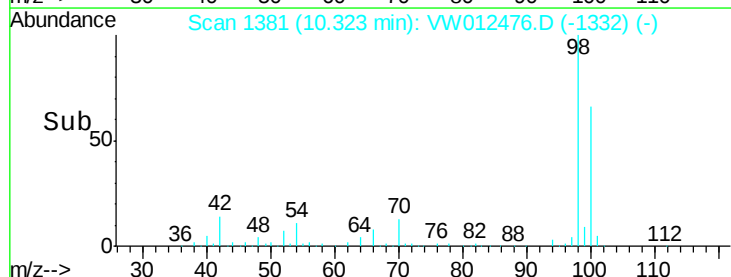
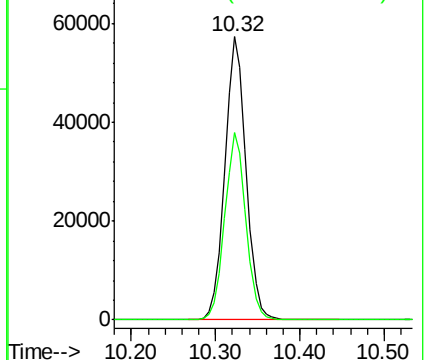
98 100

100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

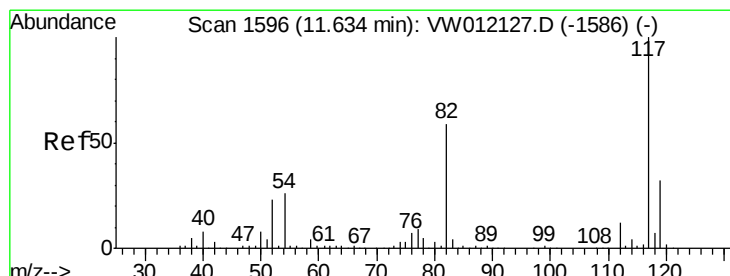
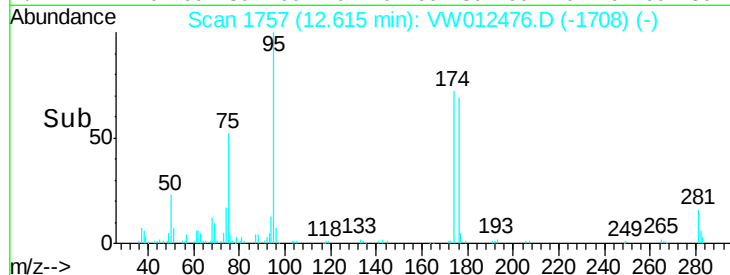
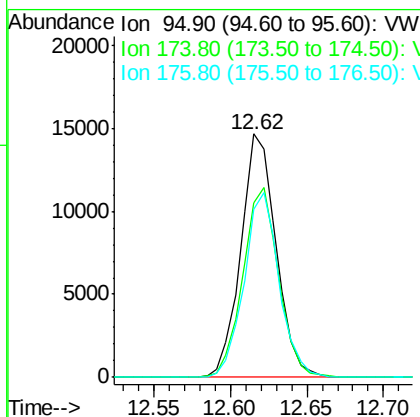
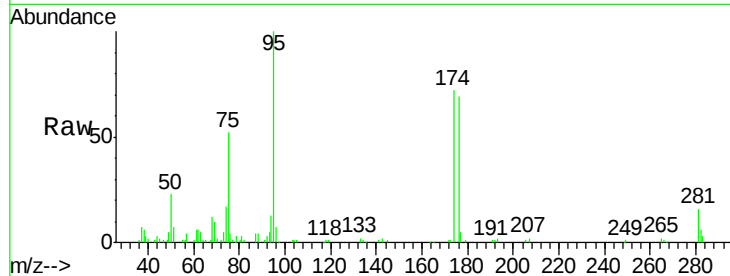




#62
4-Bromofluorobenzene
Concen: 32.291 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012476.D
Acq: 02 Sep 2019 04:33

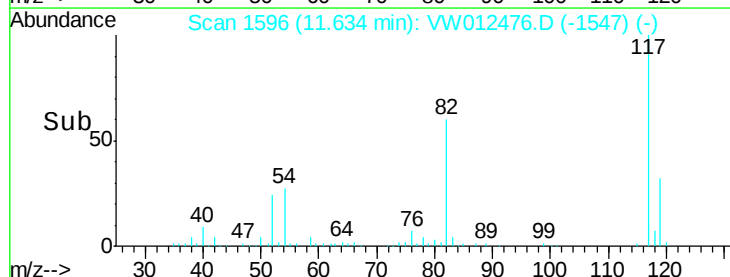
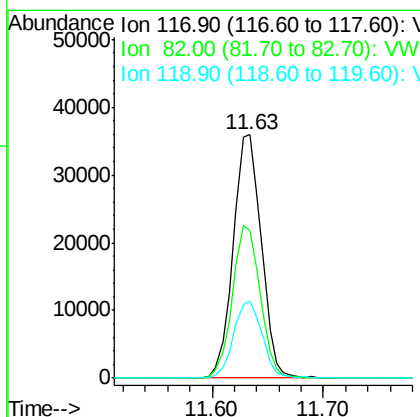
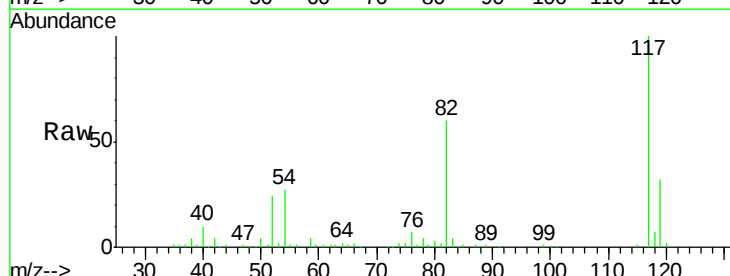
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q3-(0)

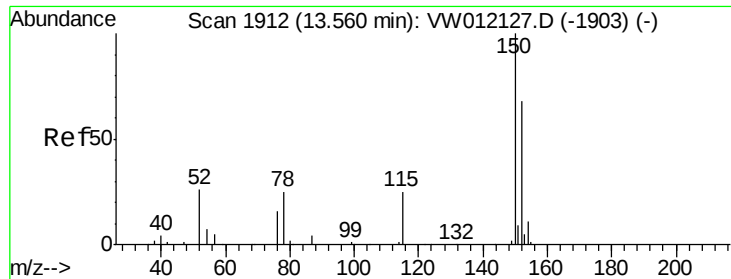
Tot Ion: 95 Resp: 23448
Ion Ratio Lower Upper
95 100
174 79.3 0.0 150.8
176 75.2 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012476.D
Acq: 02 Sep 2019 04:33

Tgt Ion: 117 Resp: 62753
Ion Ratio Lower Upper
117 100
82 60.4 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: VW012476.D

Acq: 02 Sep 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)

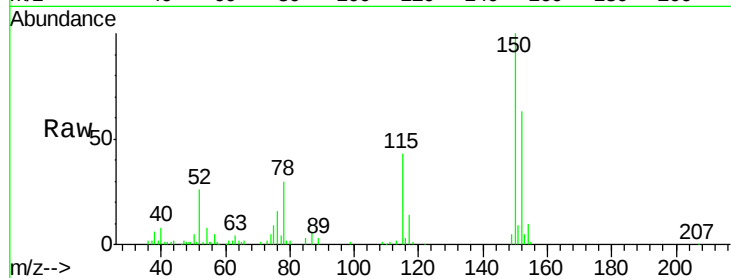
Tot Ion:152 Resp: 14232

Ion Ratio Lower Upper

152 100

115 61.5 30.1 90.3

150 160.1 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

