

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012516.D
 Acq On : 02 Sep 2019 23:48
 Operator : SY/VA
 Sample : K4544-02
 Misc : 4.82G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B1-(0)

Quant Time: Sep 03 08:08:21 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

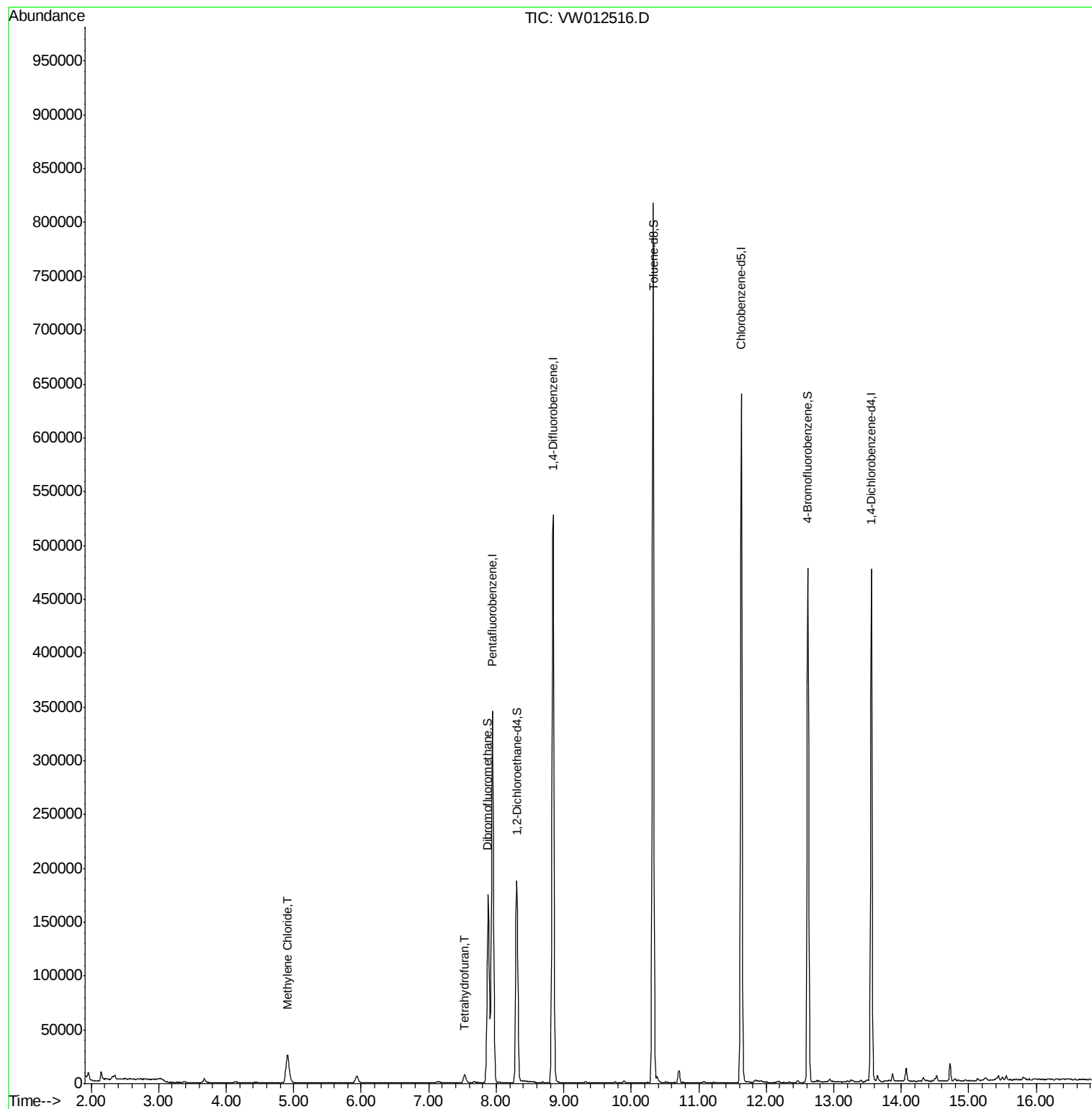
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153997	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.88	113	126059	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.32	98	510570	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	156141	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	
Target Compounds						
20) Methylene Chloride	4.91	84	19387	6.486	ug/l	93
29) Tetrahydrofuran	7.53	42	7042	10.925	ug/l	98

(#) = 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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Acq: 02 Sep 2019 23:48

Instrument :

MSVOA_W

ClientSampleId :

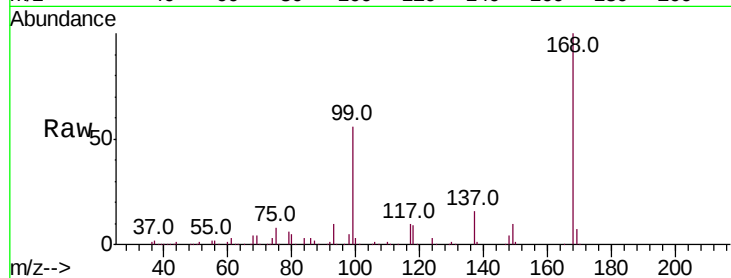
T16-17-B1-(0)

Tot Ion:168 Resp: 260188

Ion Ratio Lower Upper

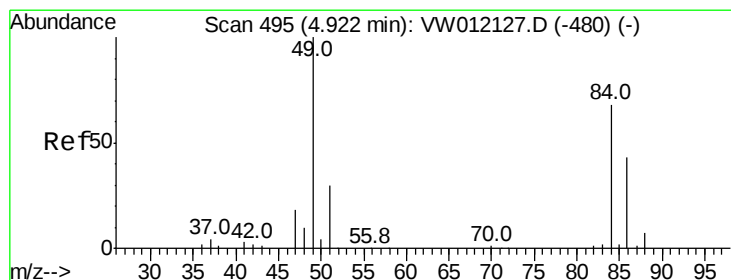
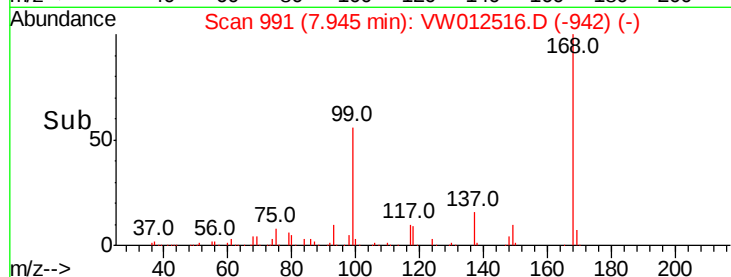
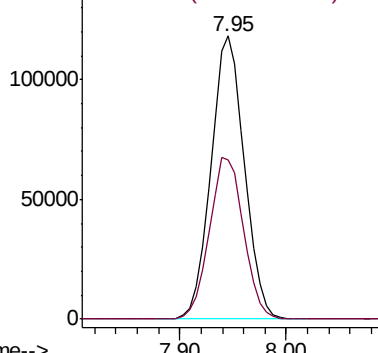
168 100

99 56.3 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: 6.486 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012516.D

Acq: 02 Sep 2019 23:48

Tgt Ion: 84 Resp: 19387

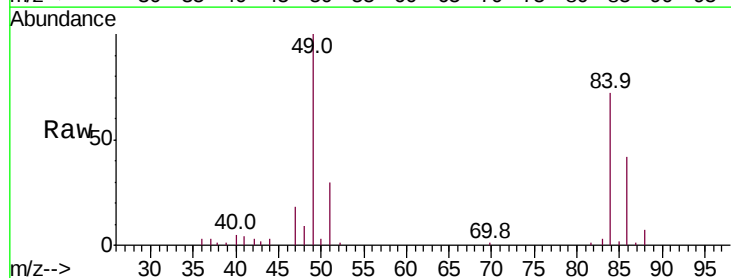
Ion Ratio Lower Upper

84 100

49 138.2 117.8 176.8

51 42.0 35.6 53.4

86 58.3 51.2 76.8

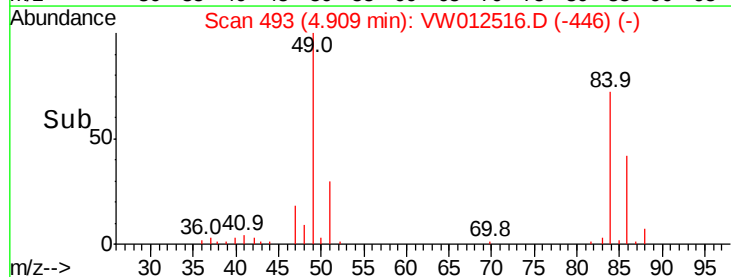
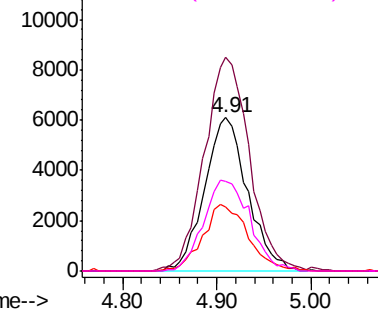


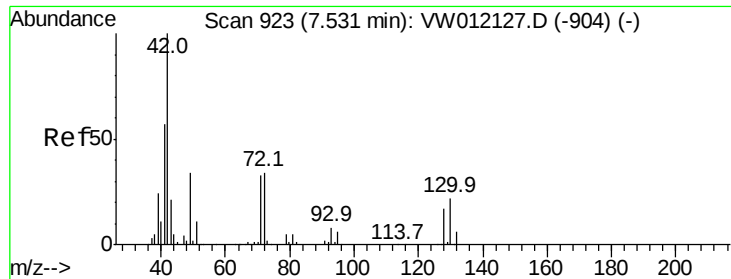
Abundance Ion 83.90 (83.60 to 84.60): VW

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

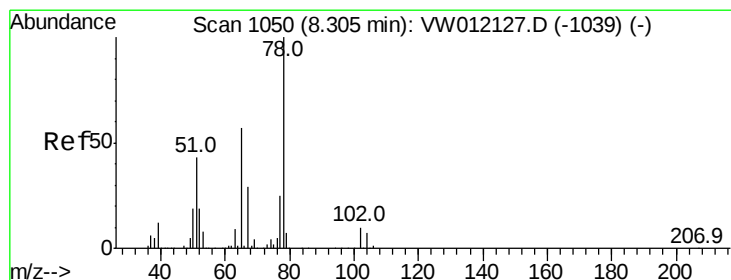
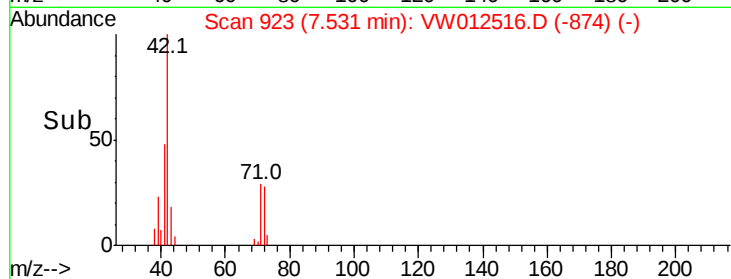
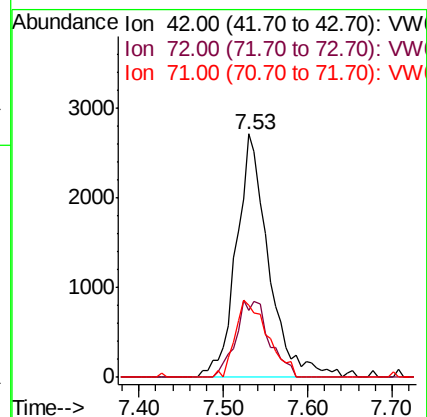
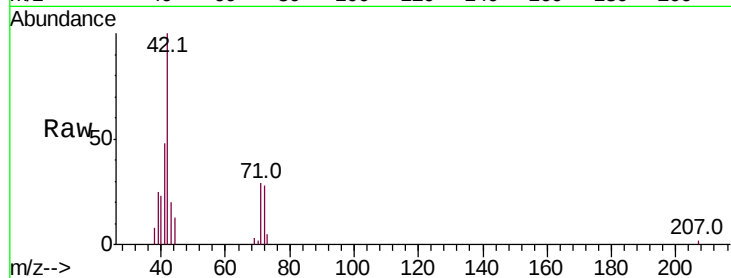




#29
Tetrahydrofuran
Concen: 10.925 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012516.D
Acq: 02 Sep 2019 23:48

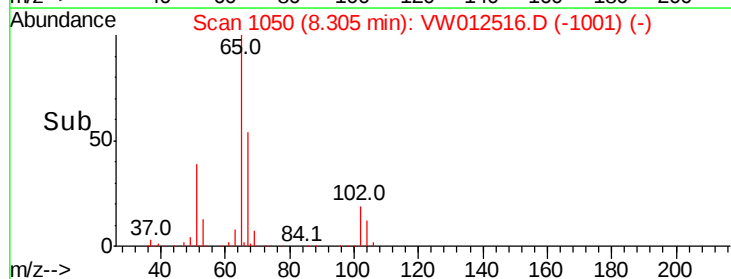
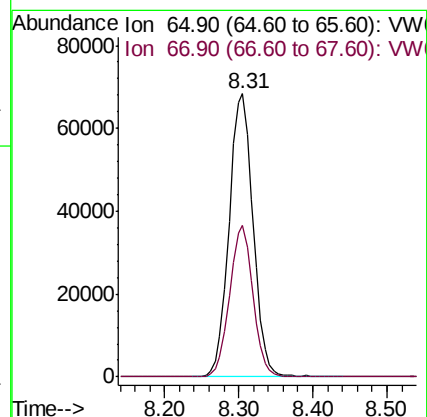
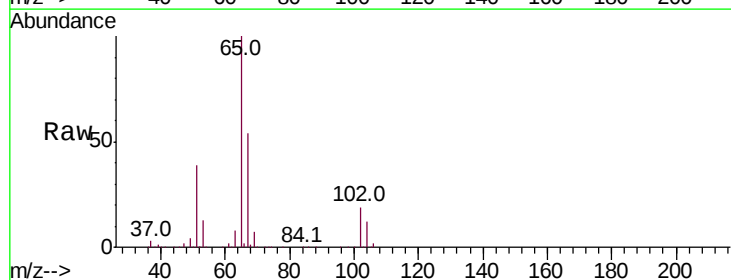
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B1-(0)

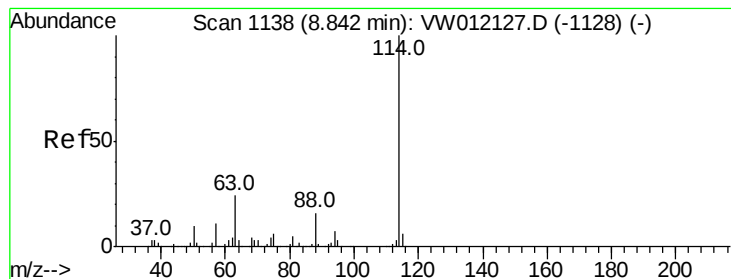
Tot Ion: 42 Resp: 7042
Ion Ratio Lower Upper
42 100
72 32.5 27.3 40.9
71 32.0 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 49.789 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012516.D
Acq: 02 Sep 2019 23:48

Tgt Ion: 65 Resp: 153997
Ion Ratio Lower Upper
65 100
67 52.0 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: VW012516.D

Acq: 02 Sep 2019 23:48

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B1-(0)

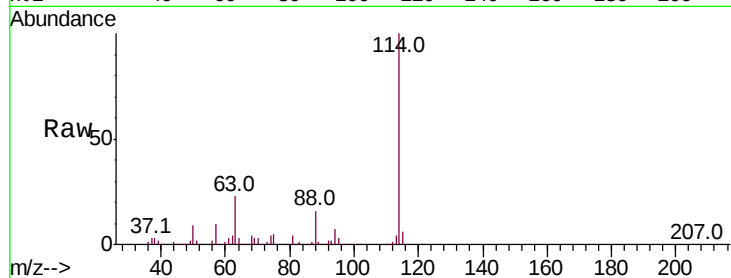
Tot Ion:114 Resp: 422574

Ion Ratio Lower Upper

114 100

63 23.1 0.0 48.6

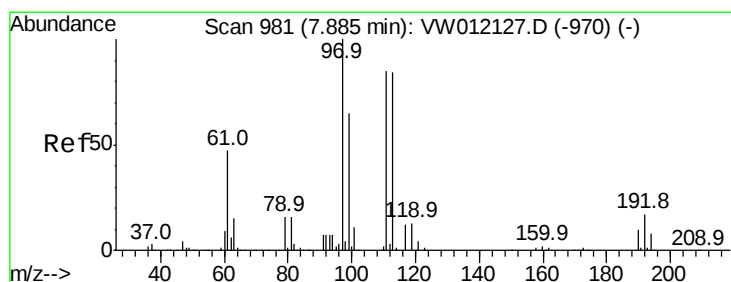
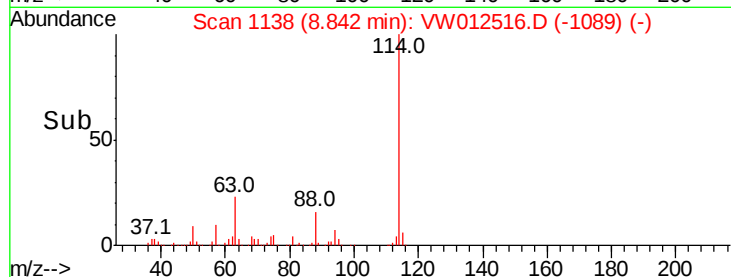
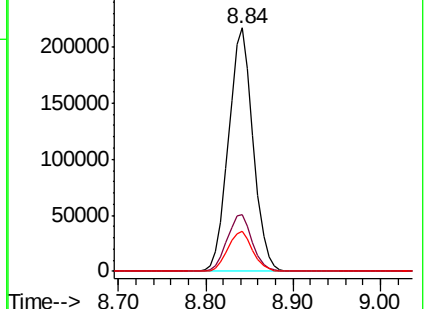
88 16.4 0.0 32.2



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: 49.977 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012516.D

Acq: 02 Sep 2019 23:48

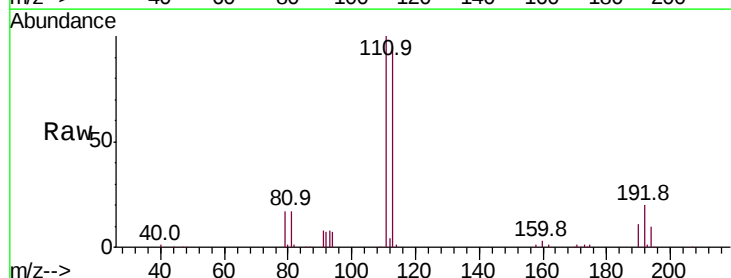
Tgt Ion:113 Resp: 126059

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

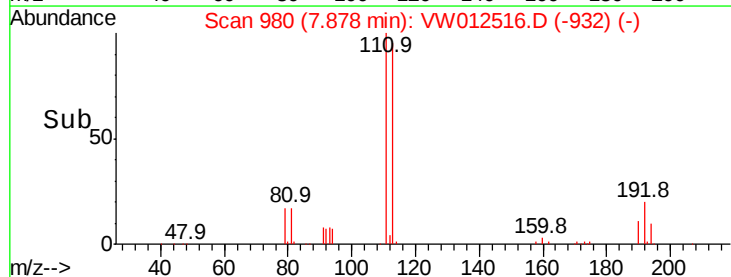
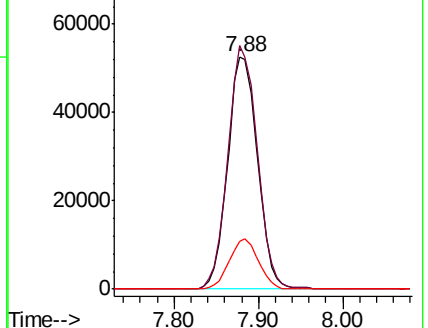
192 21.1 16.2 24.2

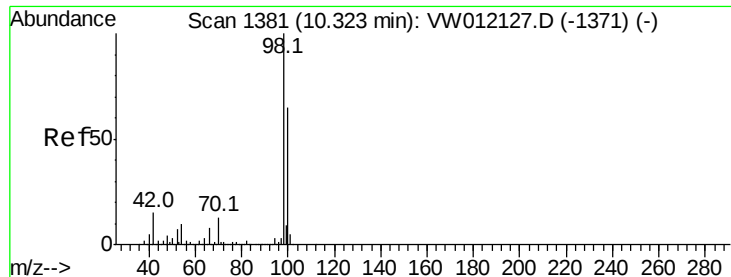


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.922 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012516.D

Acq: 02 Sep 2019 23:48

Instrument :

MSVOA_W

ClientSampleId :

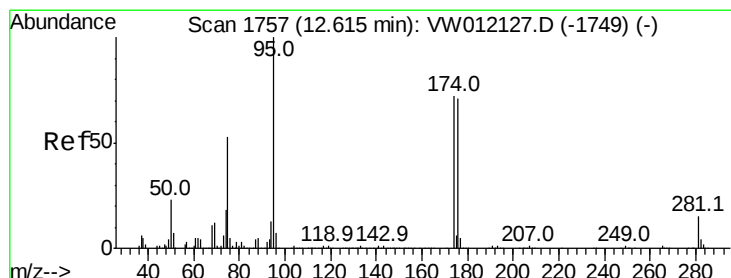
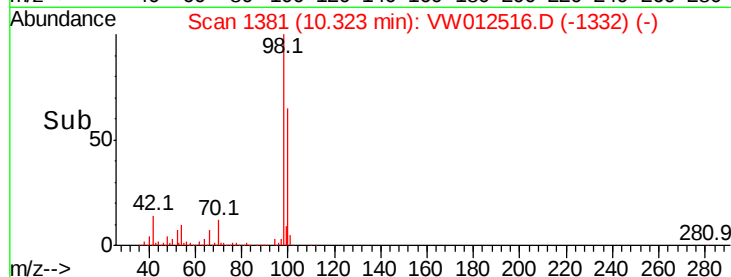
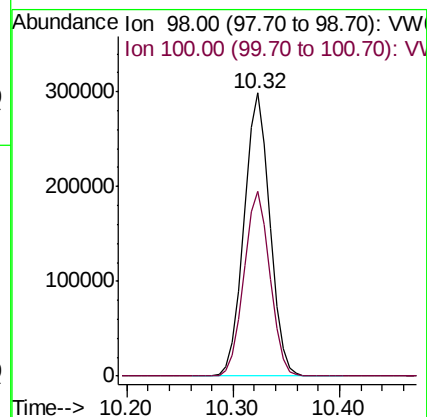
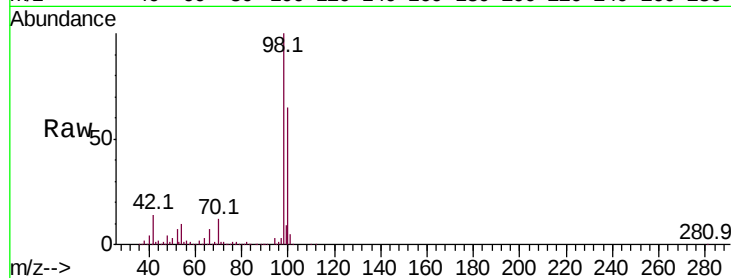
T16-17-B1-(0)

Tot Ion: 98 Resp: 510570

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 43.310 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012516.D

Acq: 02 Sep 2019 23:48

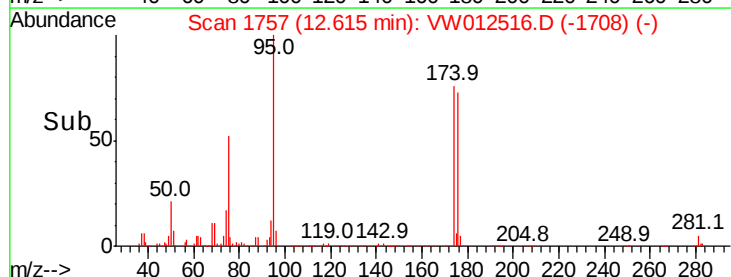
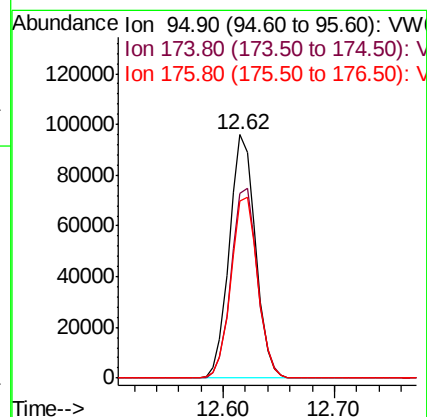
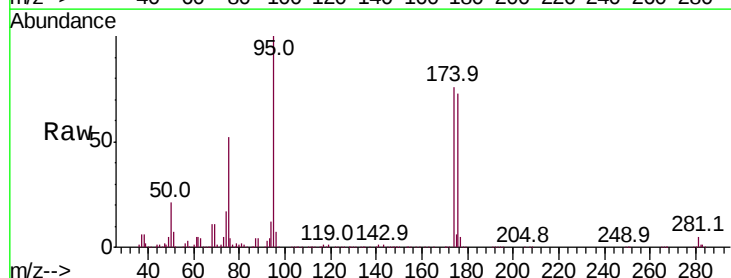
Tgt Ion: 95 Resp: 156141

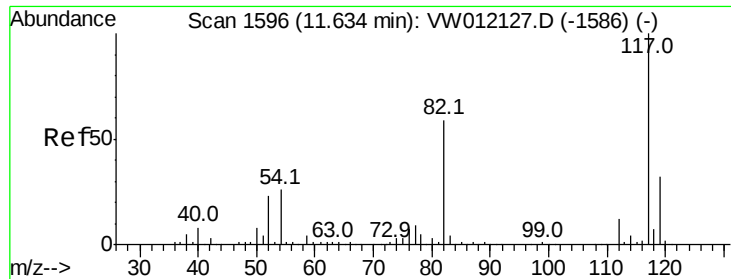
Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.8

176 76.0 0.0 148.6

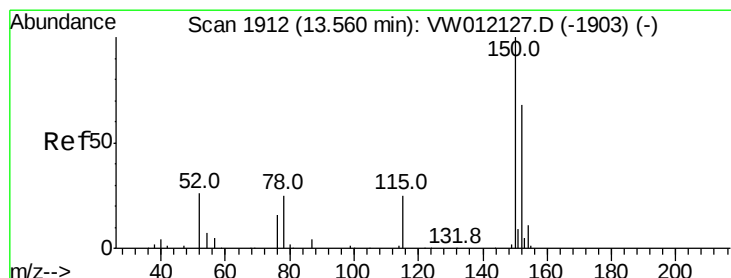
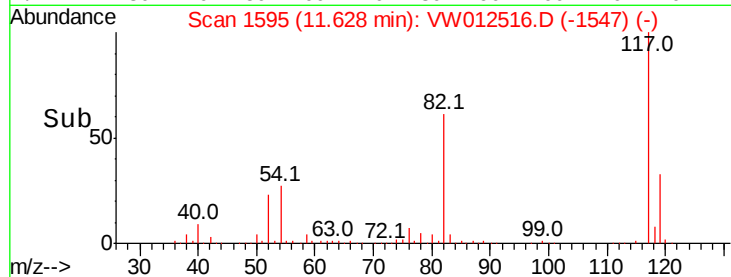
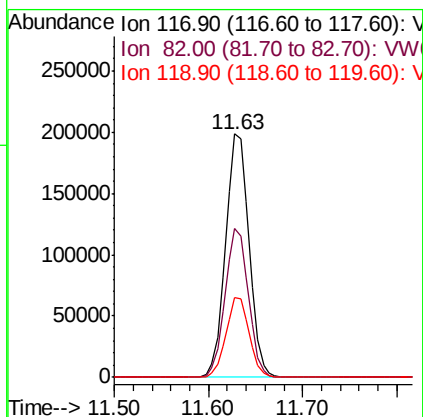
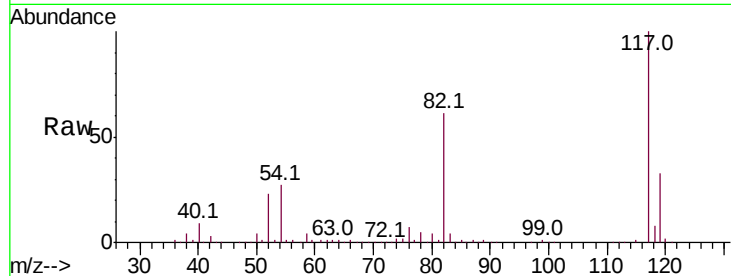




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012516.D
Acq: 02 Sep 2019 23:48

Instrument :
MSVOA_W
ClientSampleId :
T16-17-B1-(0)

Tot Ion:117 Resp: 342801
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.6 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: VW012516.D
Acq: 02 Sep 2019 23:48

Tgt Ion:152 Resp: 124328
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 157.3 0.0 345.8

