

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012519.D
 Acq On : 03 Sep 2019 01:05
 Operator : SY/VA
 Sample : K4544-05
 Misc : 3.88G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B4-(0)

Quant Time: Sep 03 08:12:53 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

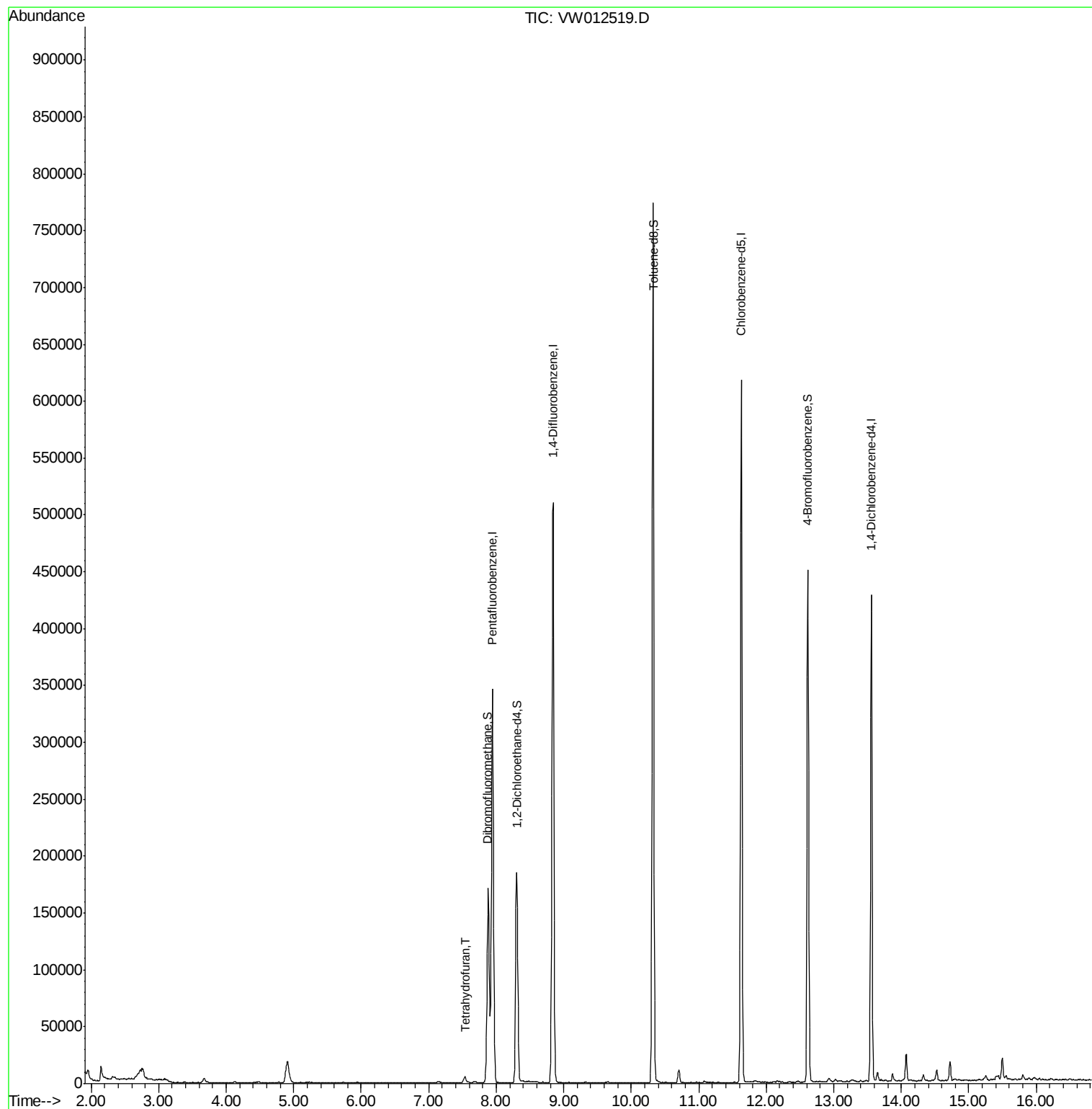
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	109561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	151893	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.88	113	124518	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.32	98	490713	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.62	95	142275	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	4849	7.607	ug/l	Qvalue 99

(#) = 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: VW012519.D

Acq: 03 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

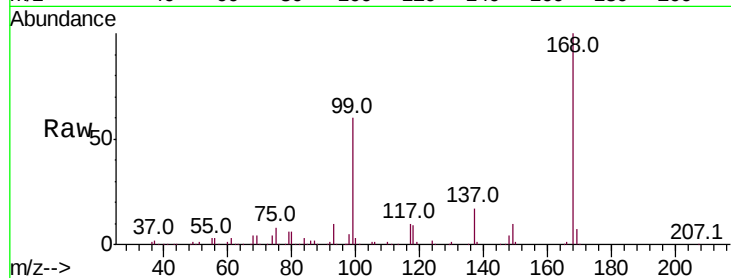
T16-17-B4-(0)

Tot Ion:168 Resp: 257301

Ion Ratio Lower Upper

168 100

99 60.2 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

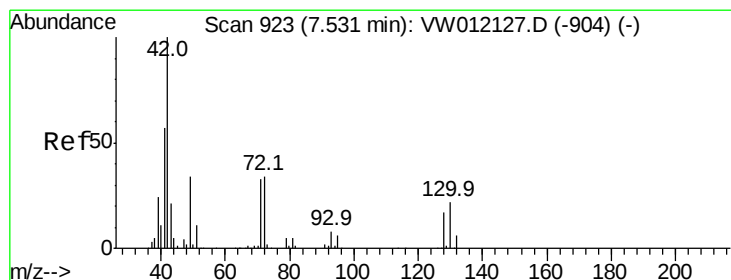
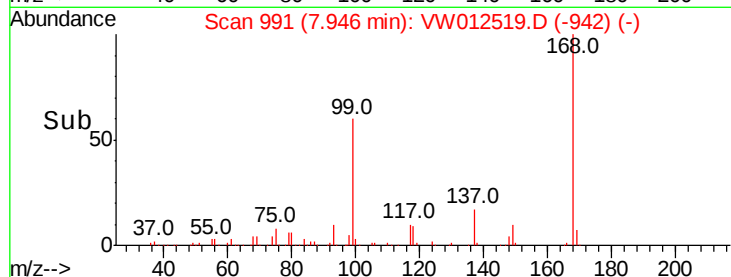
100000

50000

0

7.90 8.00

Time-->



#29

Tetrahydrofuran

Concen: 7.607 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012519.D

Acq: 03 Sep 2019 01:05

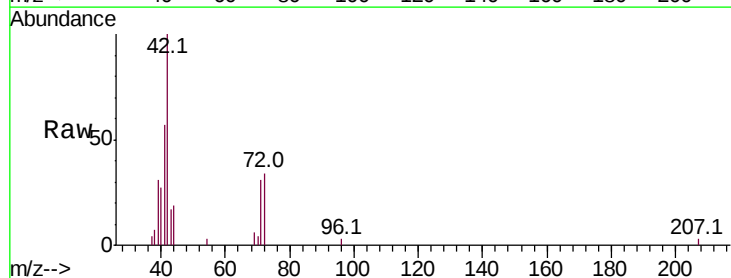
Tgt Ion: 42 Resp: 4849

Ion Ratio Lower Upper

42 100

72 33.0 27.3 40.9

71 32.3 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

7.54

2500

2000

1500

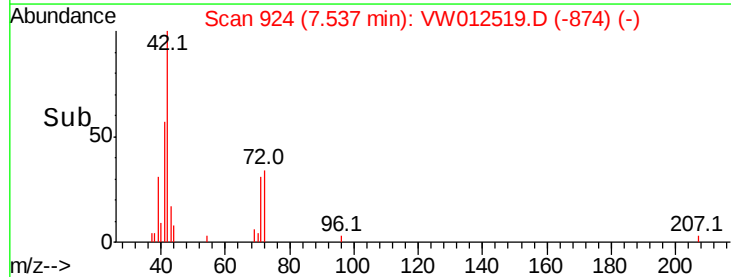
1000

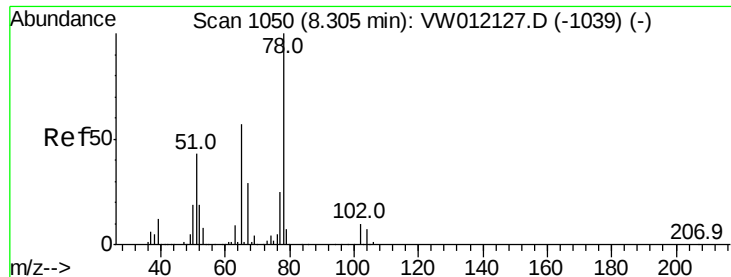
500

0

7.50 7.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.660 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012519.D

Acq: 03 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

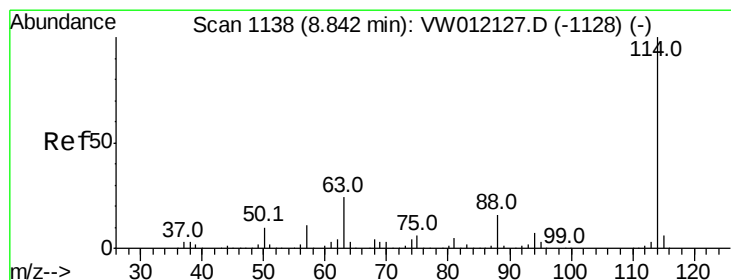
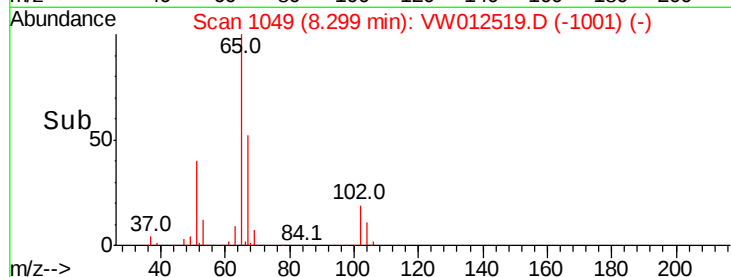
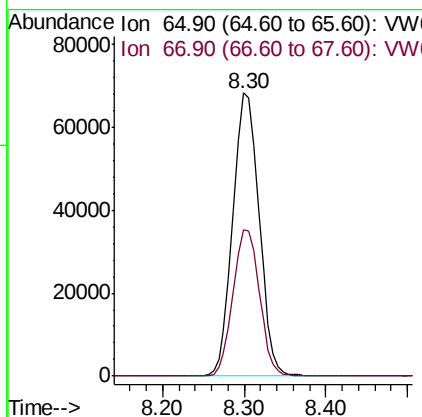
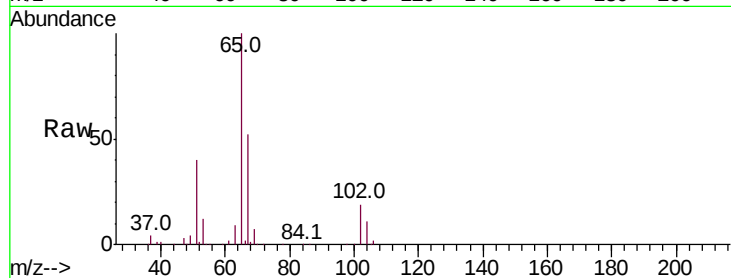
T16-17-B4-(0)

Tot Ion: 65 Resp: 151893

Ion Ratio Lower Upper

65 100

67 52.1 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: VW012519.D

Acq: 03 Sep 2019 01:05

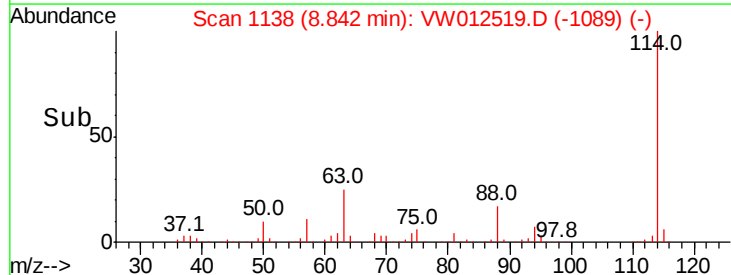
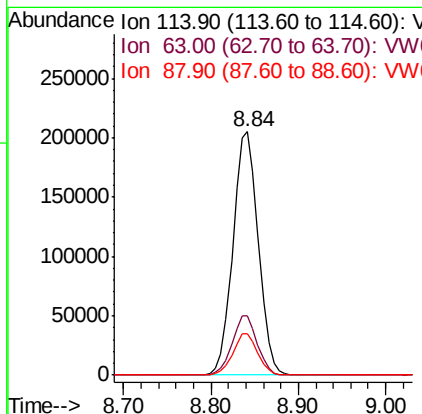
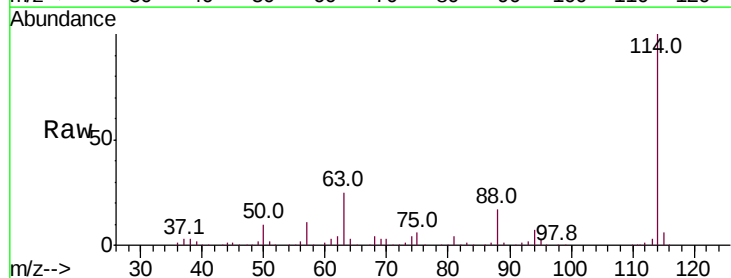
Tgt Ion: 114 Resp: 412624

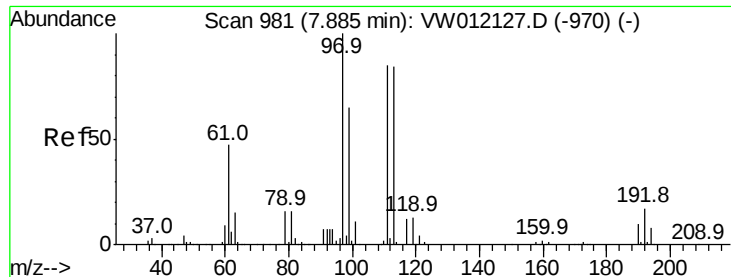
Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

88 17.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.556 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012519.D

Acq: 03 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B4-(0)

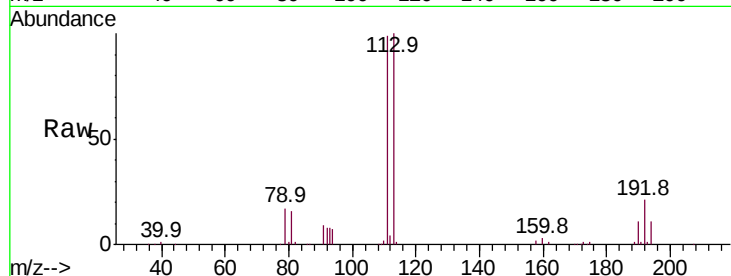
Tot Ion:113 Resp: 124518

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

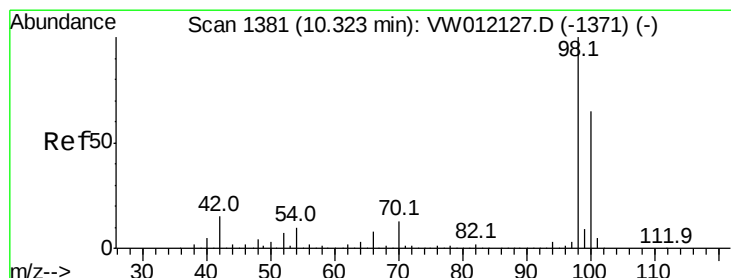
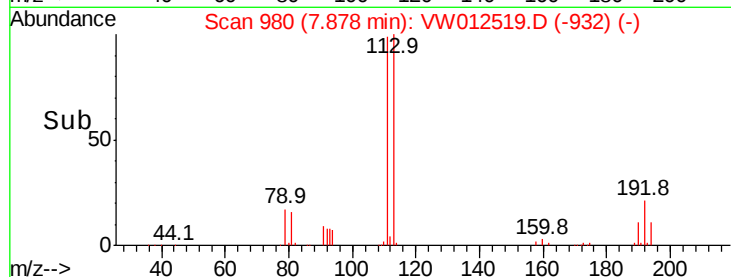
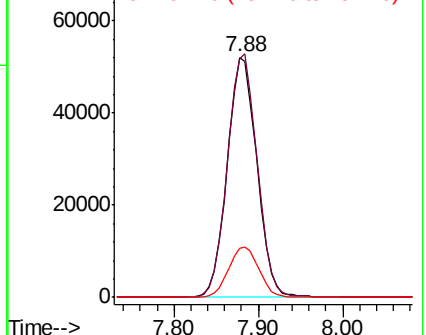
192 21.3 16.2 24.2



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: 49.137 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012519.D

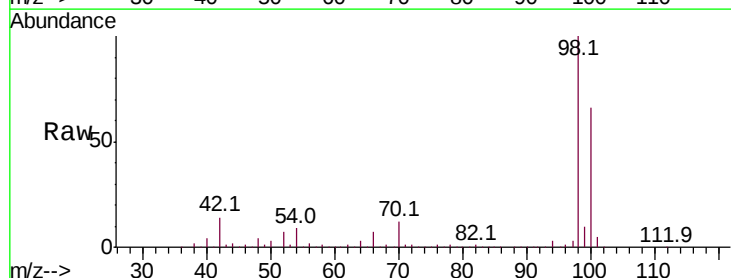
Acq: 03 Sep 2019 01:05

Tgt Ion: 98 Resp: 490713

Ion Ratio Lower Upper

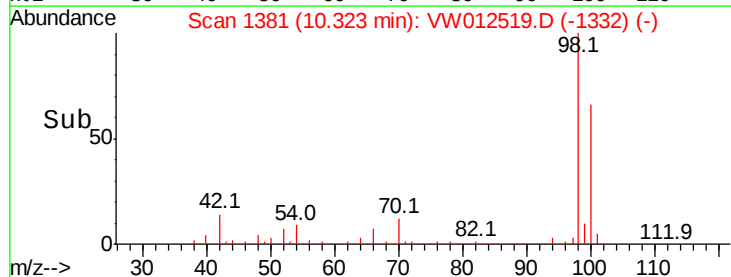
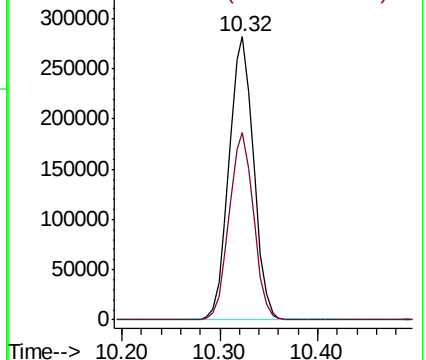
98 100

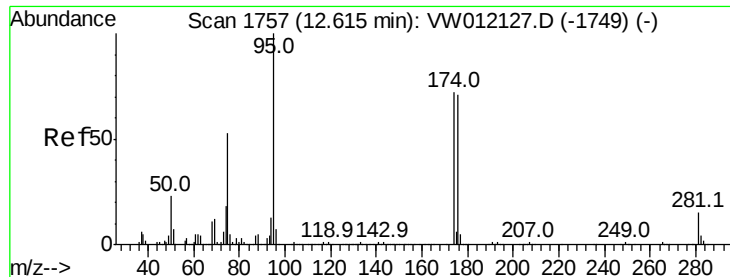
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

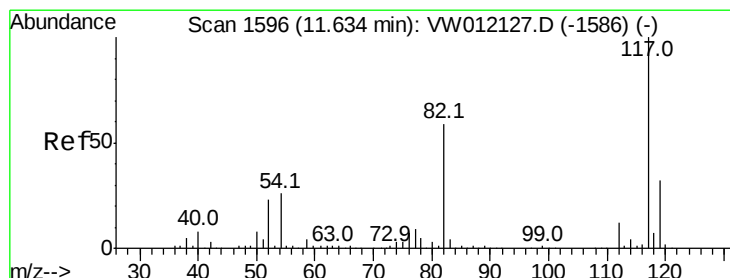
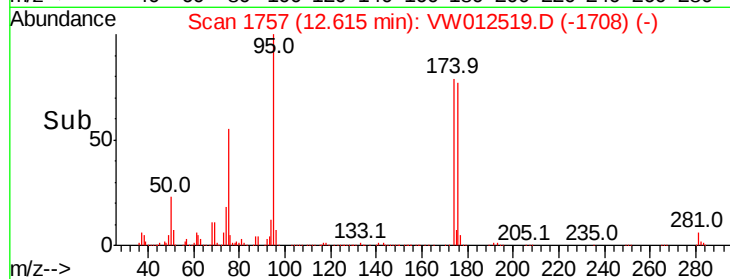
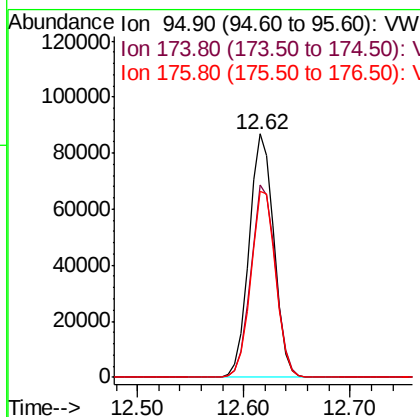
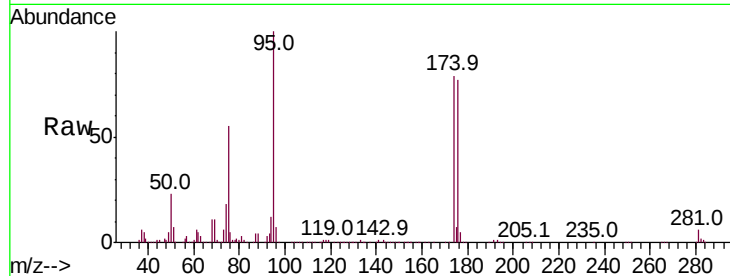




#62
4-Bromofluorobenzene
Concen: 40.416 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012519.D
Acq: 03 Sep 2019 01:05

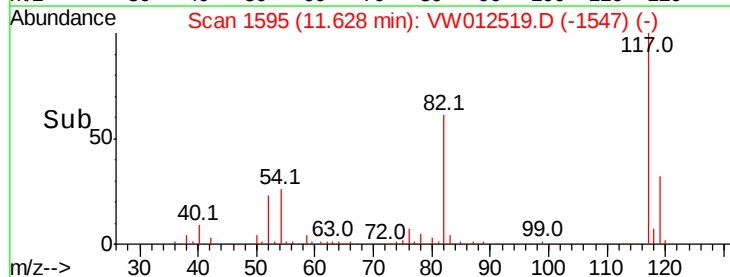
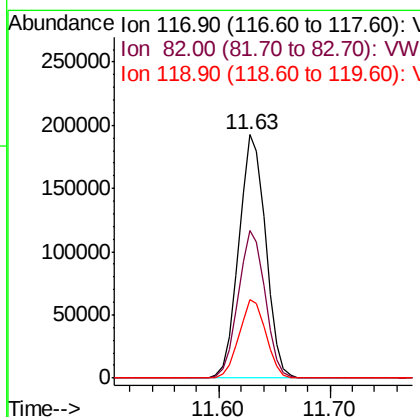
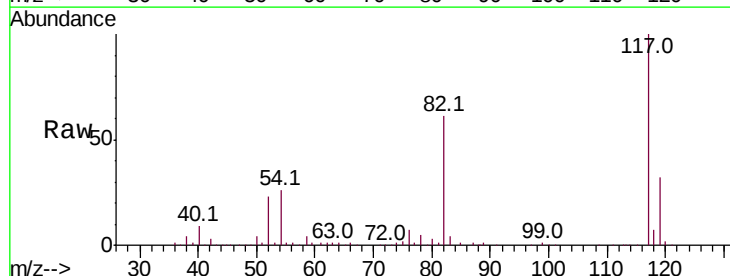
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B4-(0)

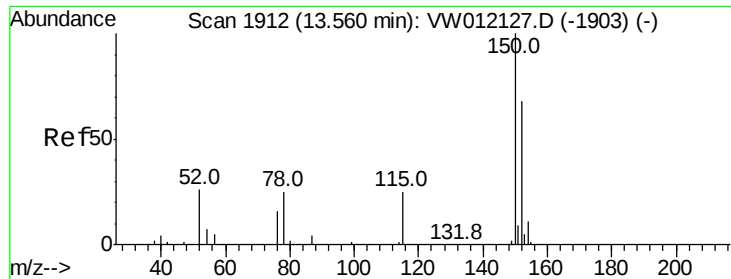
Tot Ion	95	Resp	142275
Ion Ratio	Lower	Upper	
95	100		
174	78.7	0.0	150.8
176	76.3	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012519.D
Acq: 03 Sep 2019 01:05

Tgt Ion	117	Resp	321415
Ion Ratio	Lower	Upper	
117	100		
82	60.6	47.4	71.2
119	32.2	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012519.D

Acq: 03 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B4-(0)

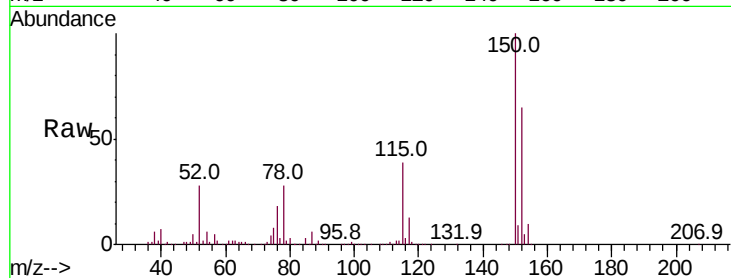
Tot Ion:152 Resp: 109561

Ion Ratio Lower Upper

152 100

115 59.0 30.1 90.3

150 156.4 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

