

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012523.D
 Acq On : 03 Sep 2019 02:49
 Operator : SY/VA
 Sample : K4544-09
 Misc : 6.78G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B4-(2.25)

Quant Time: Sep 03 08:20:00 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

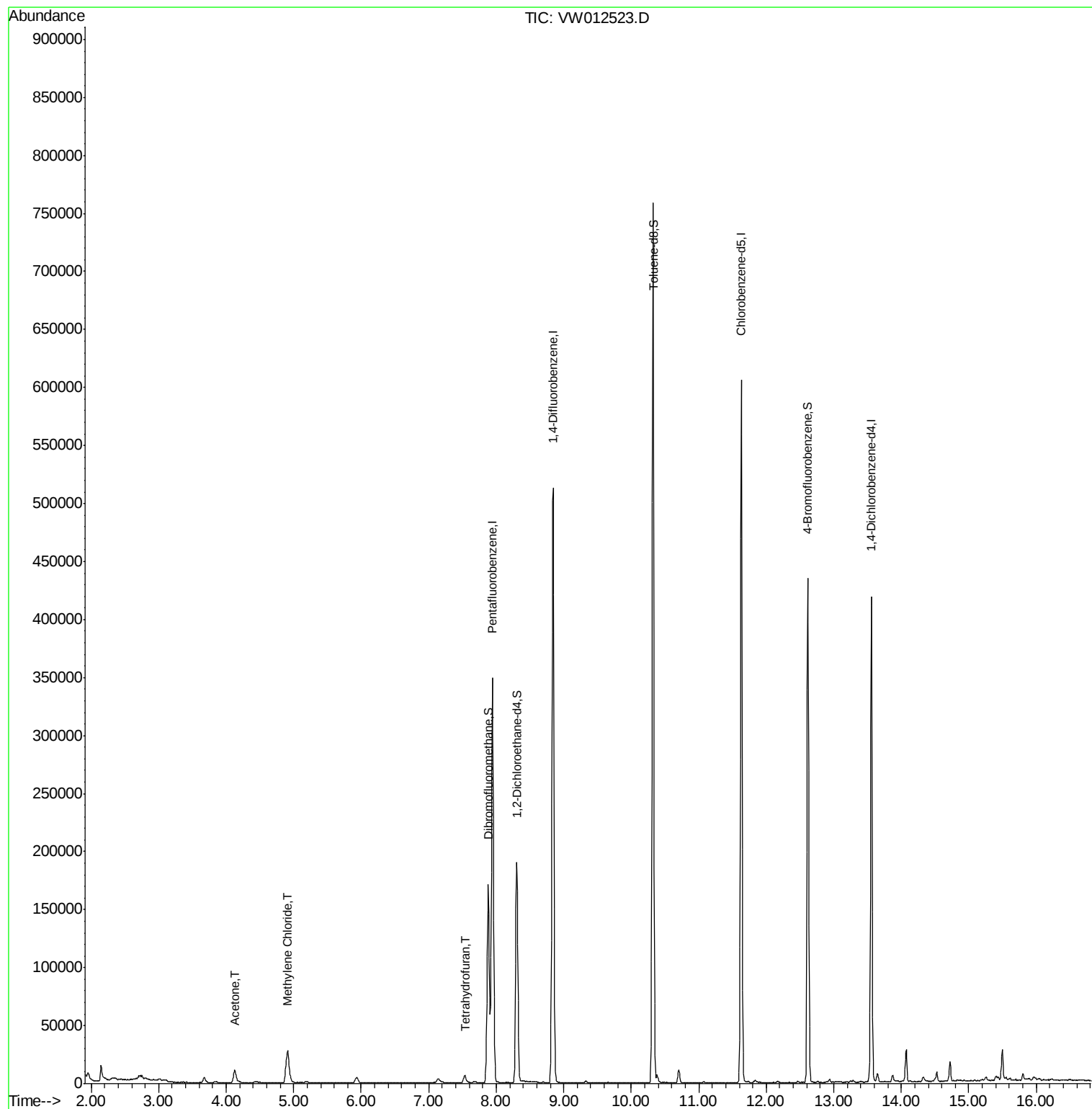
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154713	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.88	113	124869	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.32	98	486825	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.62	95	139158	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.52%	
Target Compounds						
16) Acetone	4.13	43	20796	26.823	ug/l	92
20) Methylene Chloride	4.91	84	19789	6.752	ug/l	97
29) Tetrahydrofuran	7.54	42	5517	8.728	ug/l	97

(#) = 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

ClientSampleId :

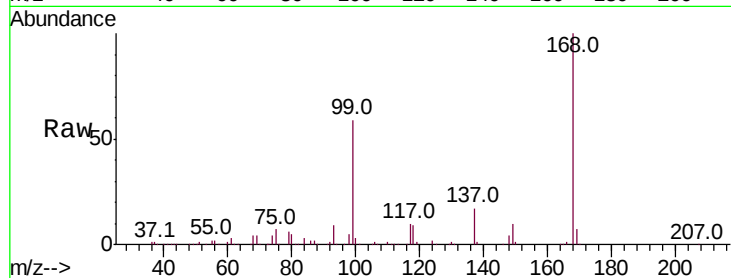
T16-17-B4-(2.25)

Tot Ion:168 Resp: 255145

Ion Ratio Lower Upper

168 100

99 58.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

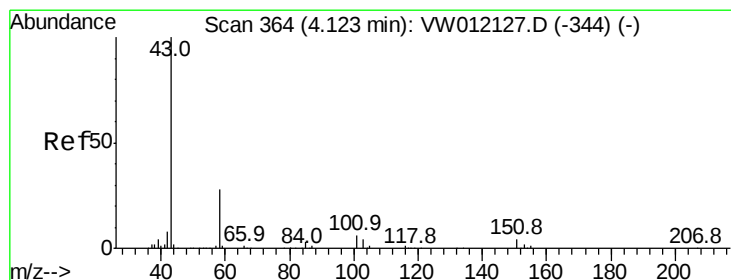
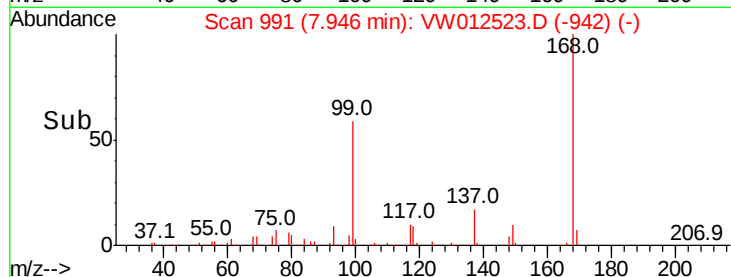
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 26.823 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012523.D

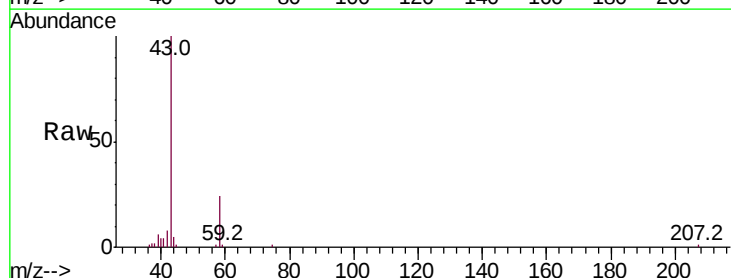
Acq: 03 Sep 2019 02:49

Tgt Ion: 43 Resp: 20796

Ion Ratio Lower Upper

43 100

58 23.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

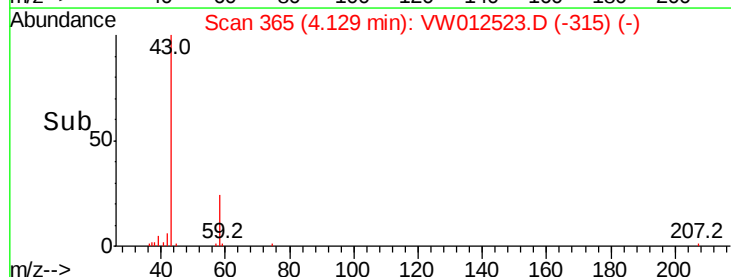
6000

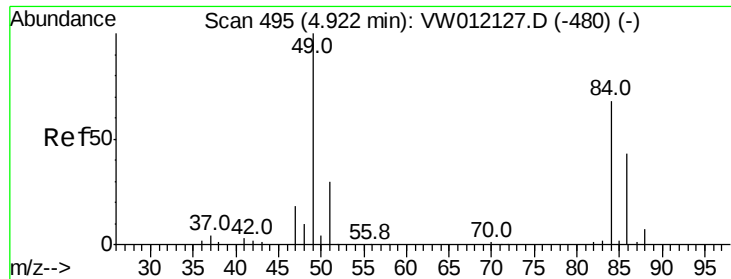
4000

2000

0

Time--> 4.00 4.10 4.20

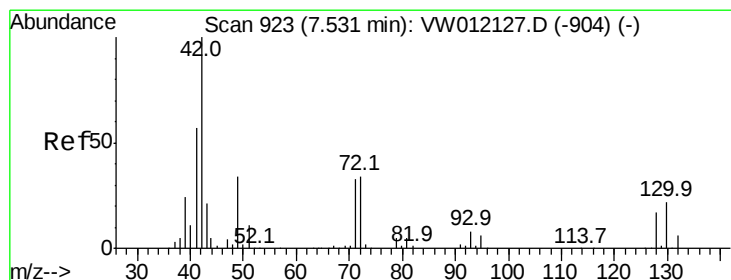
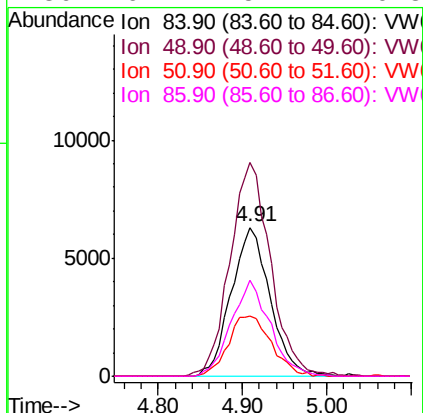
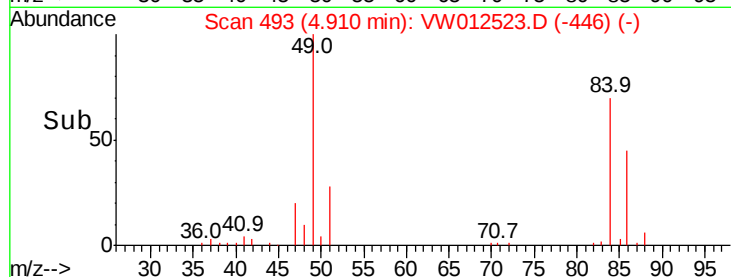
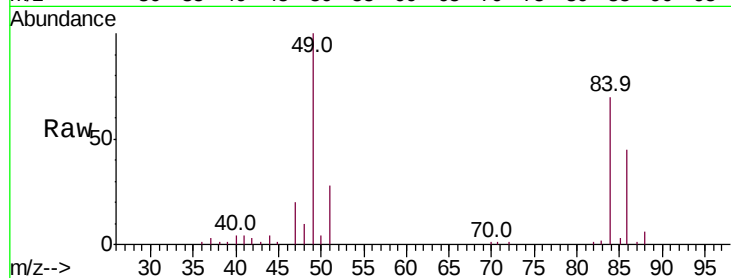




#20
Methvlene Chloride
Concen: 6.752 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012523.D
Acq: 03 Sep 2019 02:49

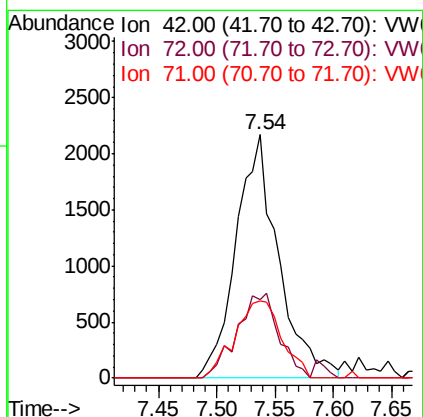
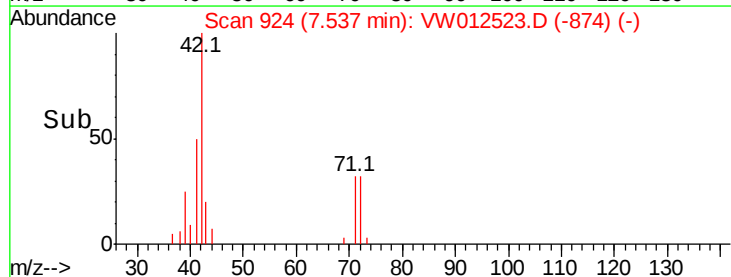
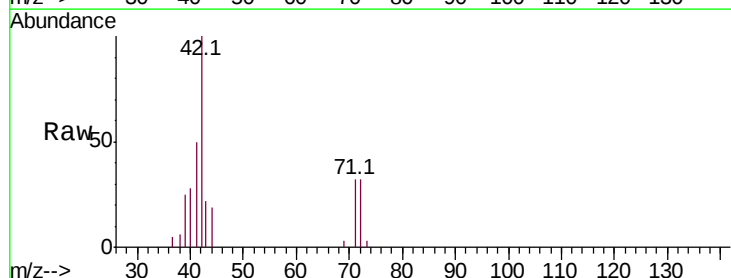
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B4-(2.25)

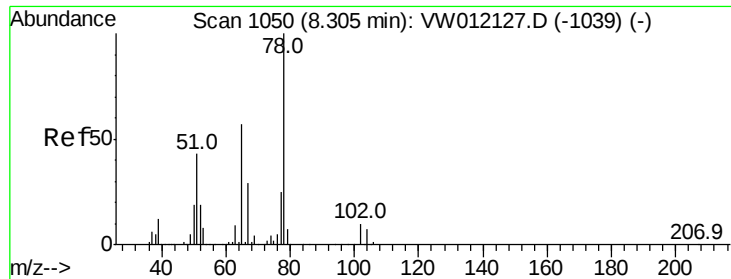
Tot Ion:	84	Resp:	19789
Ion	Ratio	Lower	Upper
84	100		
49	142.7	117.8	176.8
51	40.4	35.6	53.4
86	64.2	51.2	76.8



#29
Tetrahydrofuran
Concen: 8.728 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012523.D
Acq: 03 Sep 2019 02:49

Tgt Ion:	42	Resp:	5517
Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.3	40.9
71	34.8	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 51.009 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012523.D

Acq: 03 Sep 2019 02:49

Instrument :

MSVOA_W

ClientSampleId :

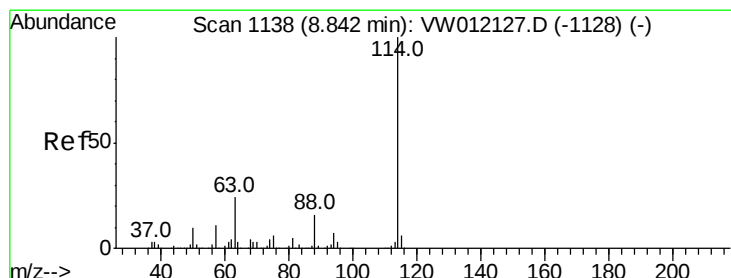
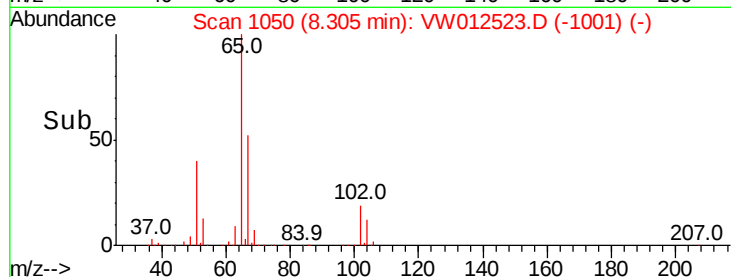
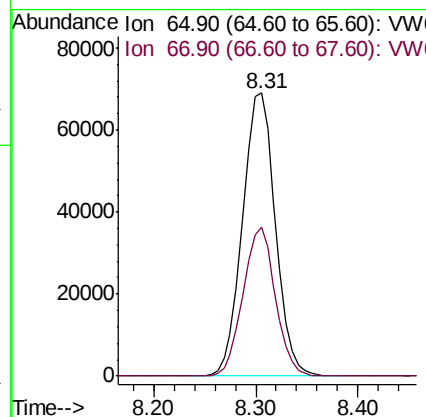
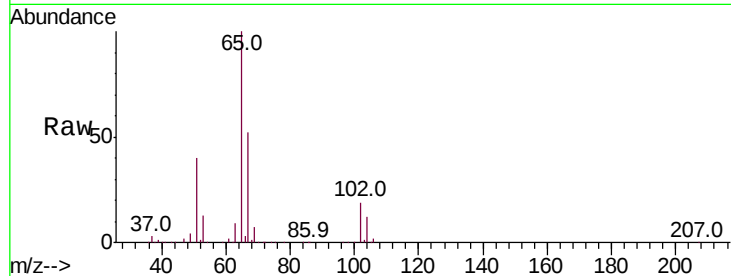
T16-17-B4-(2.25)

Tot Ion: 65 Resp: 154713

Ion Ratio Lower Upper

65 100

67 51.5 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: VW012523.D

Acq: 03 Sep 2019 02:49

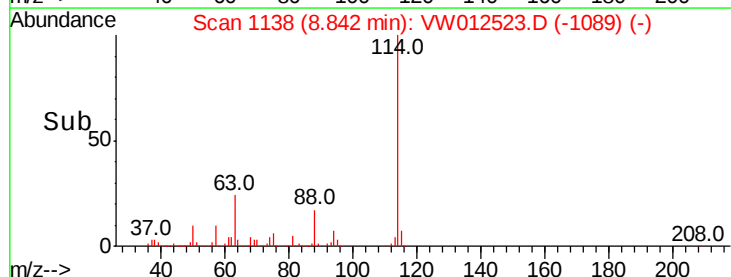
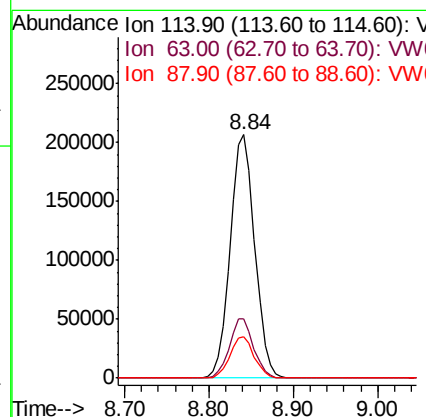
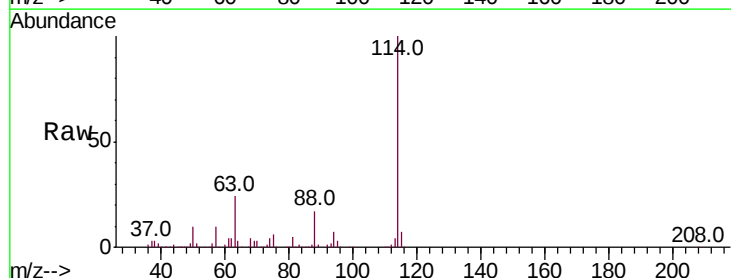
Tgt Ion: 114 Resp: 410288

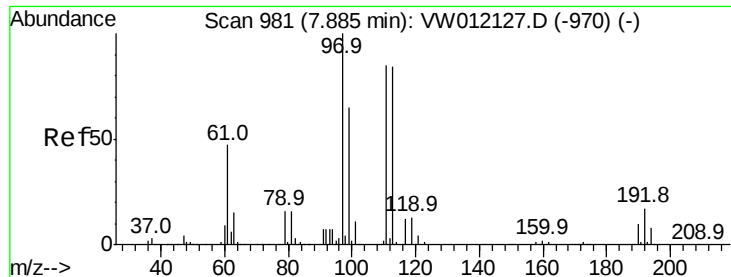
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

88 16.8 0.0 32.2

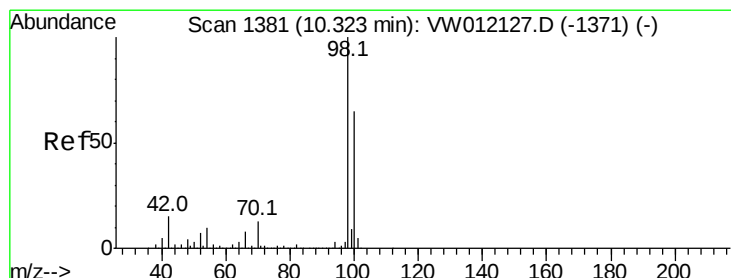
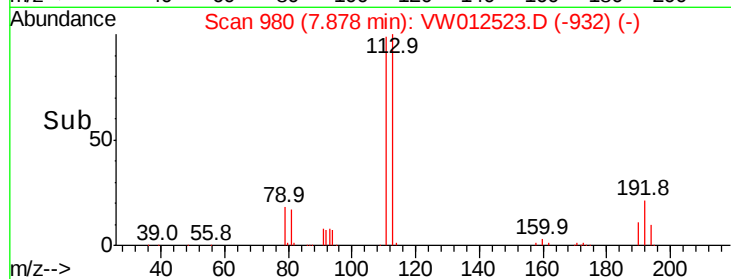
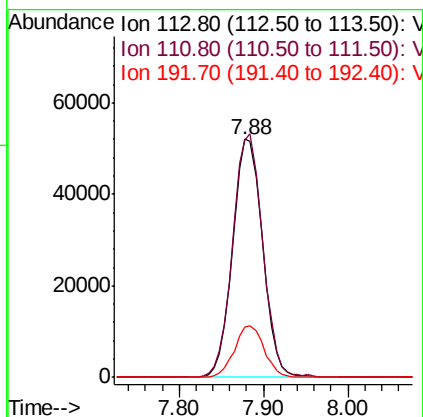
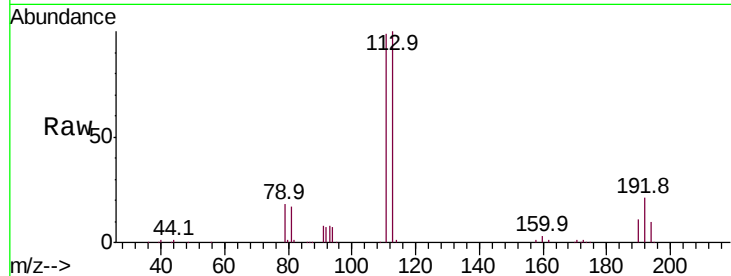




#35
 Dibromofluoromethane
 Concen: 50.987 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012523.D
 Acq: 03 Sep 2019 02:49

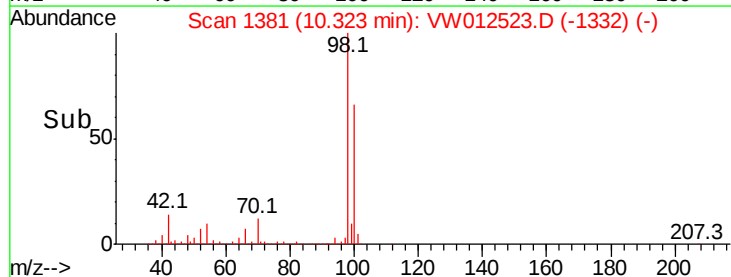
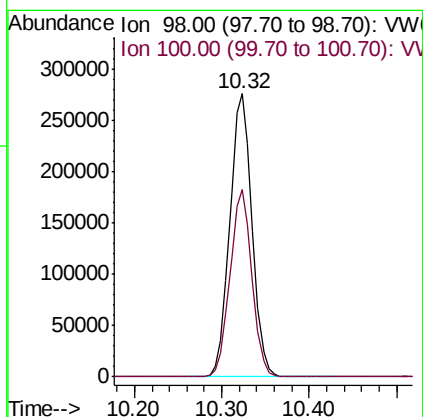
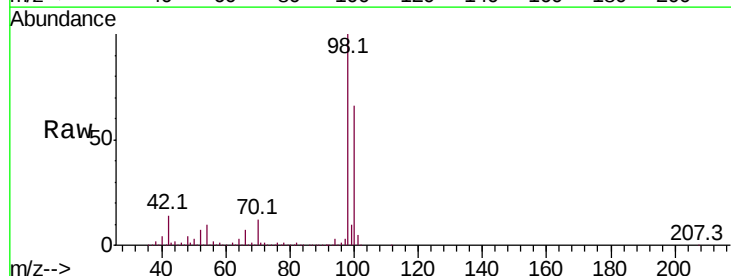
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B4-(2.25)

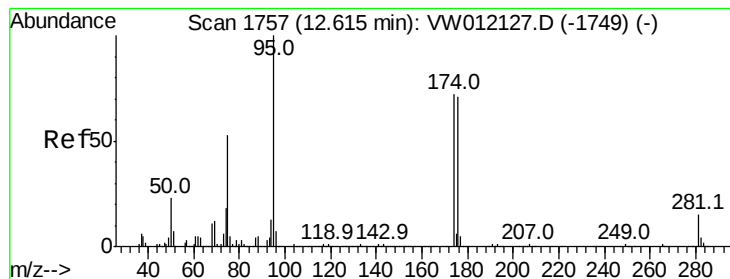
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	21.3	16.2	24.2



#50
 Toluene-d8
 Concen: 49.025 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012523.D
 Acq: 03 Sep 2019 02:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 39.756 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012523.D

Acq: 03 Sep 2019 02:49

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B4-(2.25)

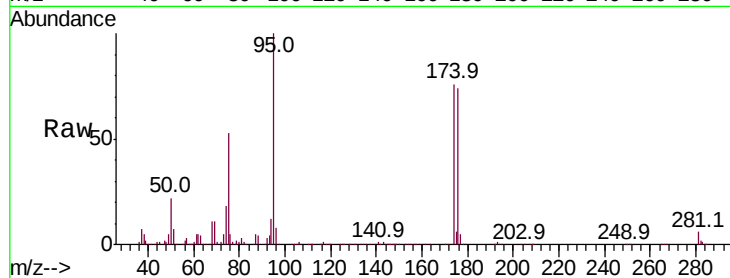
Tot Ion: 95 Resp: 139158

Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.8

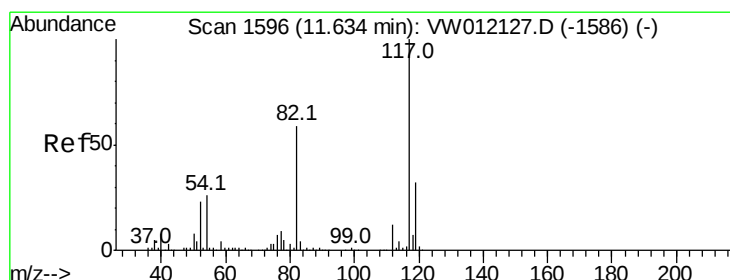
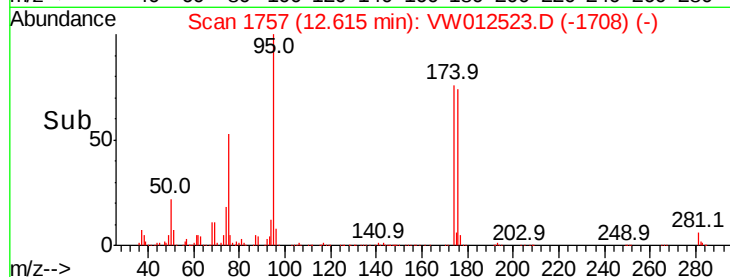
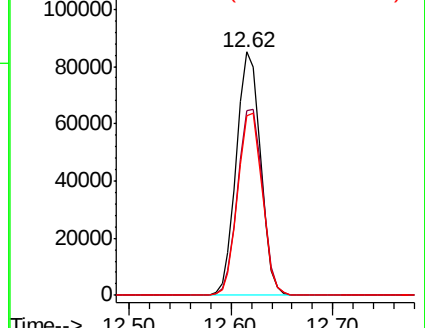
176 76.0 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012523.D

Acq: 03 Sep 2019 02:49

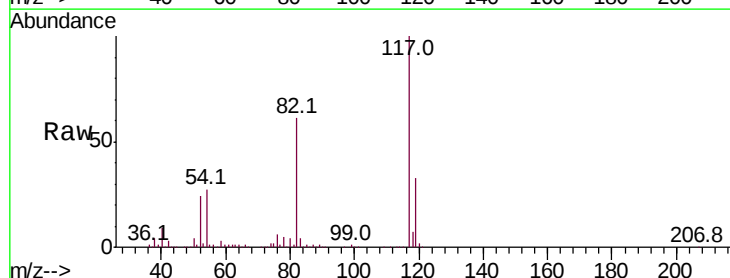
Tgt Ion: 117 Resp: 316712

Ion Ratio Lower Upper

117 100

82 60.6 47.4 71.2

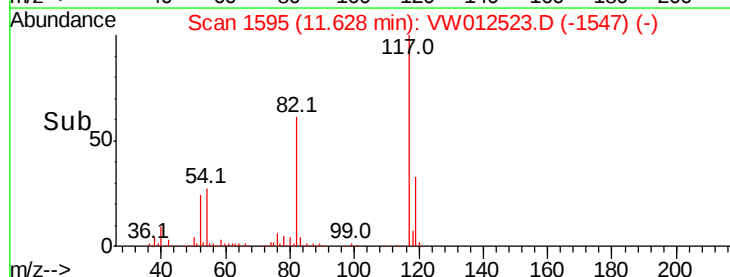
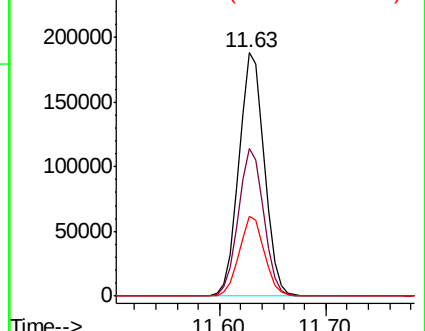
119 32.5 25.4 38.2

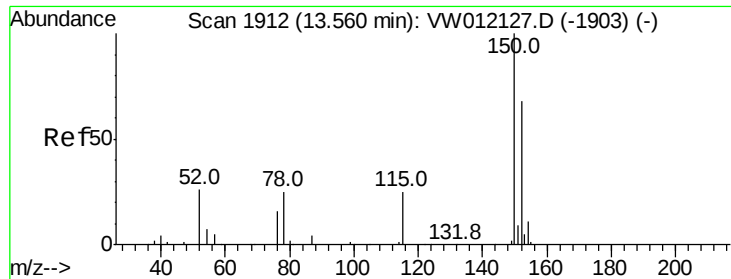


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012523.D

Acq: 03 Sep 2019 02:49

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B4-(2.25)

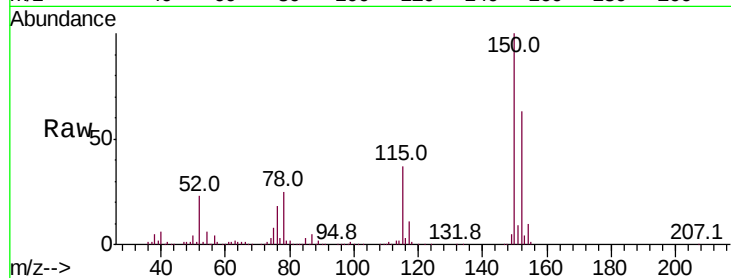
Tot Ion:152 Resp: 106685

Ion Ratio Lower Upper

152 100

115 61.1 30.1 90.3

150 159.2 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

