

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012509.D
 Acq On : 02 Sep 2019 19:37
 Operator : SY/VA
 Sample : K4529-07
 Misc : 4.12G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-T4-(1.9)

Quant Time: Sep 03 08:29:54 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

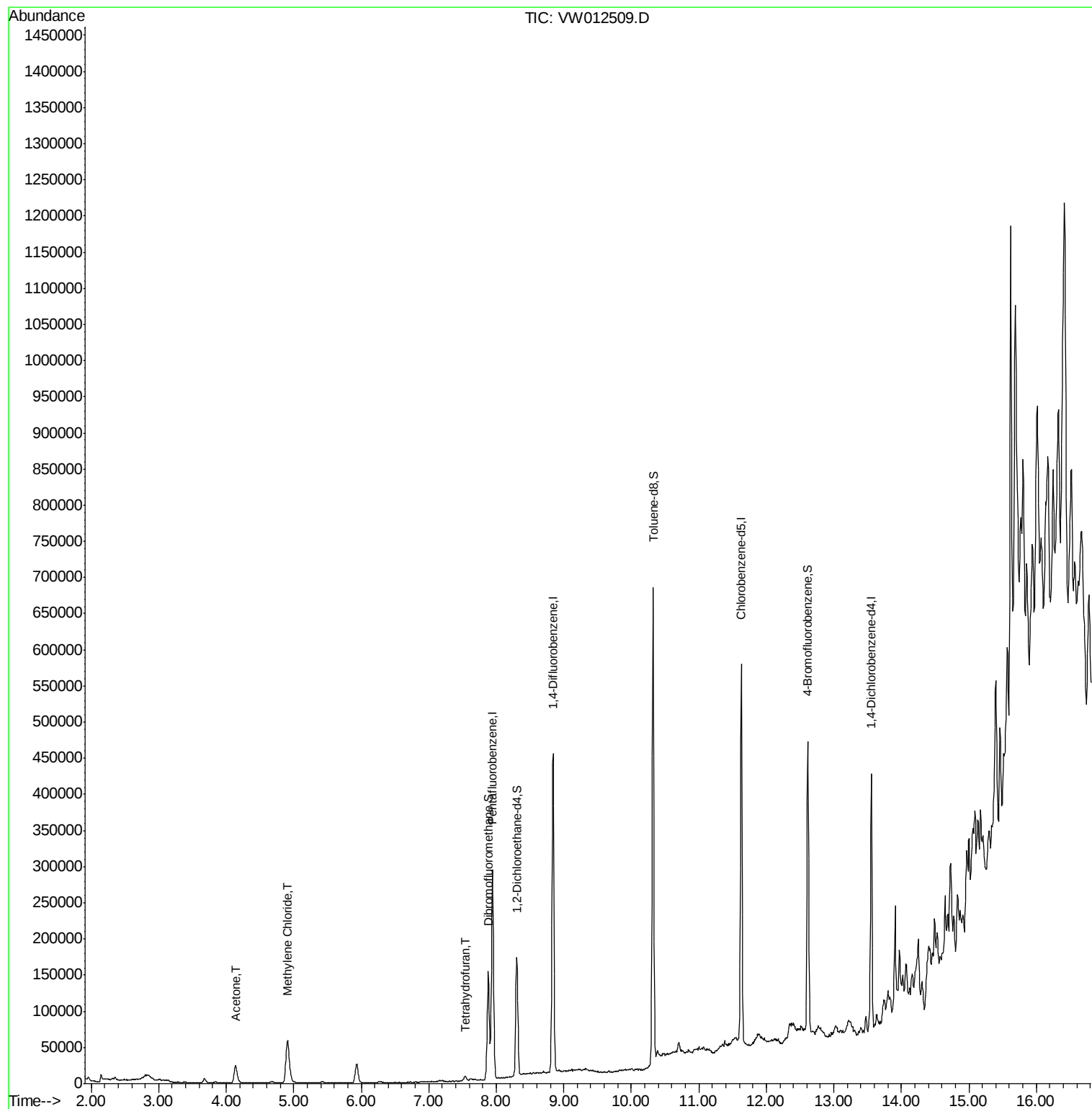
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132278	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.88	113	105743	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.32	98	419703	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.62	95	122705	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
Target Compounds						
16) Acetone	4.14	43	53029	79.654	ug/l	96
20) Methylene Chloride	4.91	84	47356	18.816	ug/l	95
29) Tetrahydrofuran	7.55	42	6389	11.771	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
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Quant Title : SW846 8260
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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: VW012509.D

Acq: 02 Sep 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

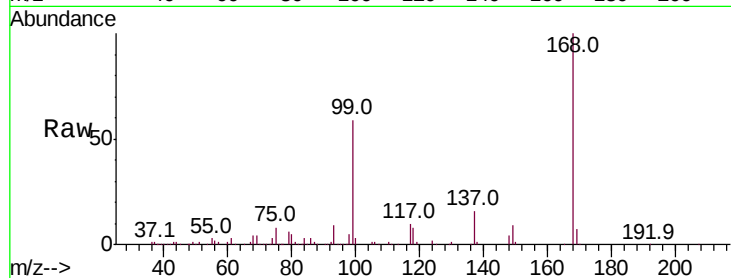
T9-12-13-T4-(1.9)

Tot Ion:168 Resp: 219088

Ion Ratio Lower Upper

168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

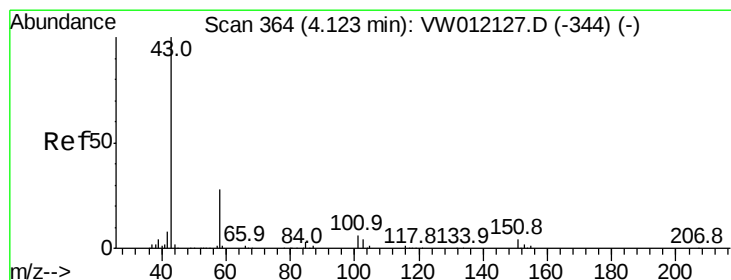
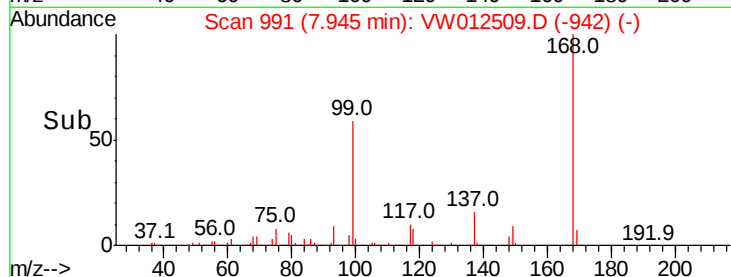
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 79.654 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012509.D

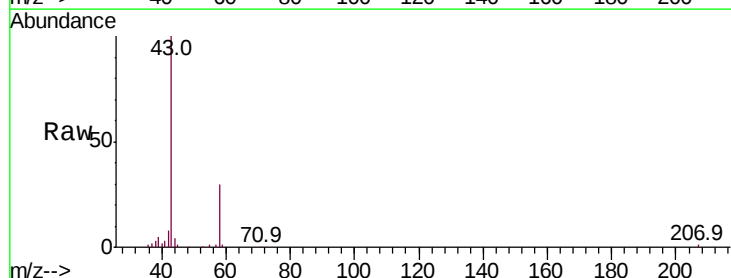
Acq: 02 Sep 2019 19:37

Tgt Ion: 43 Resp: 53029

Ion Ratio Lower Upper

43 100

58 29.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

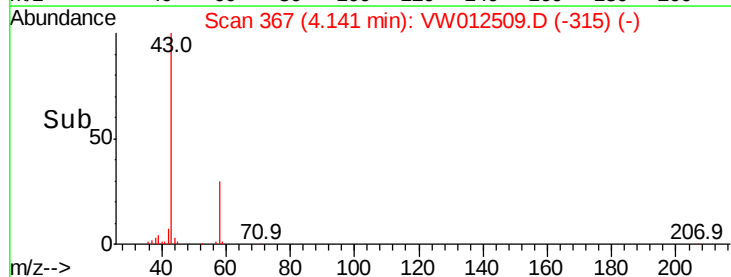
15000

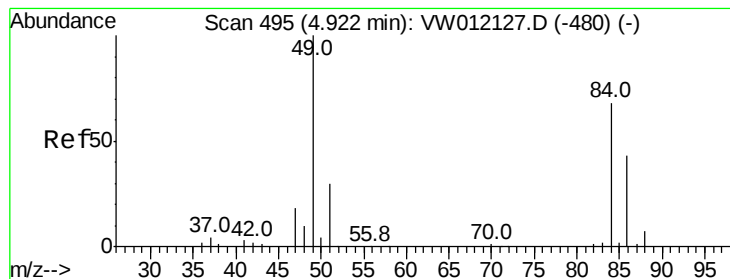
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 18.816 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012509.D

Acq: 02 Sep 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-T4-(1.9)

Tot Ion: 84 Resp: 47356

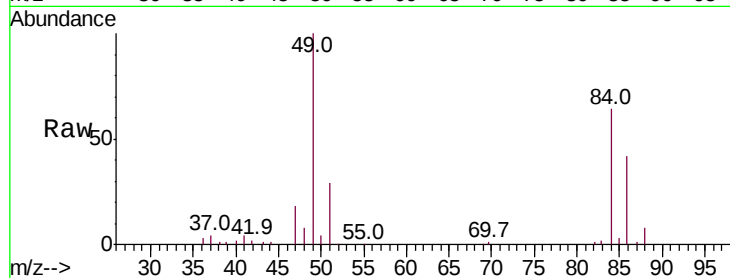
Ion Ratio Lower Upper

84 100

49 157.3 117.8 176.8

51 45.0 35.6 53.4

86 65.5 51.2 76.8



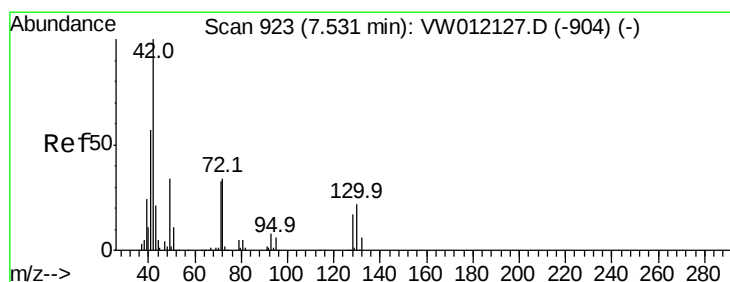
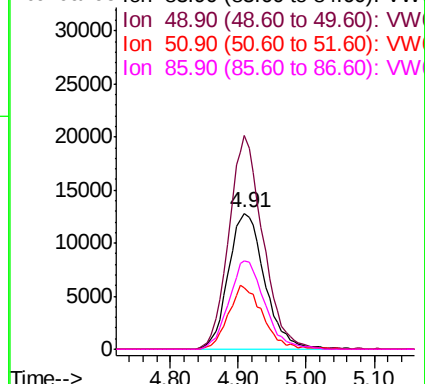
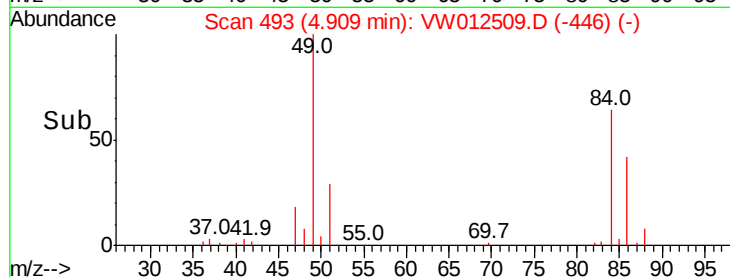
Abundance

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: 11.771 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW012509.D

Acq: 02 Sep 2019 19:37

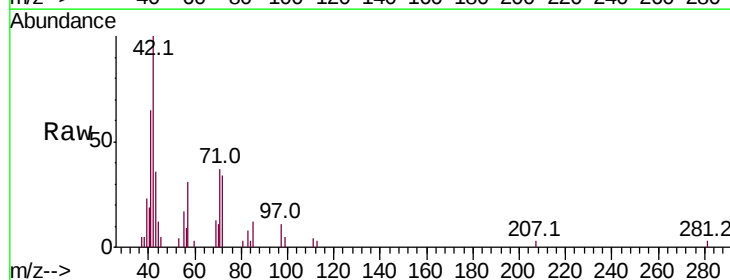
Tgt Ion: 42 Resp: 6389

Ion Ratio Lower Upper

42 100

72 33.4 27.3 40.9

71 32.4 25.5 38.3

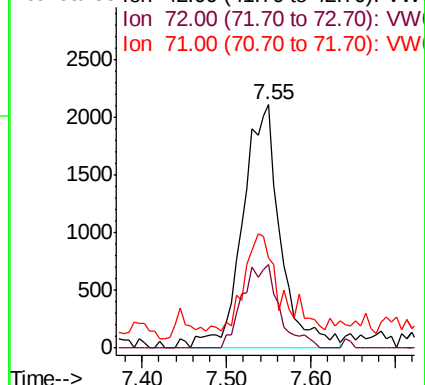
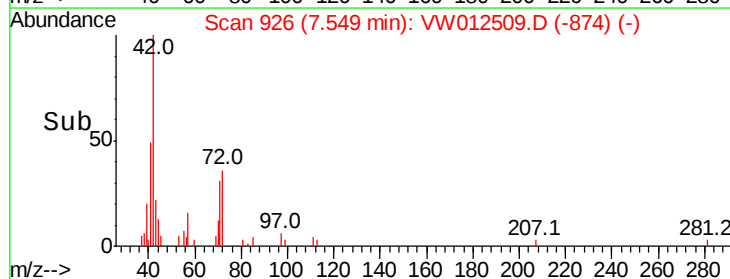


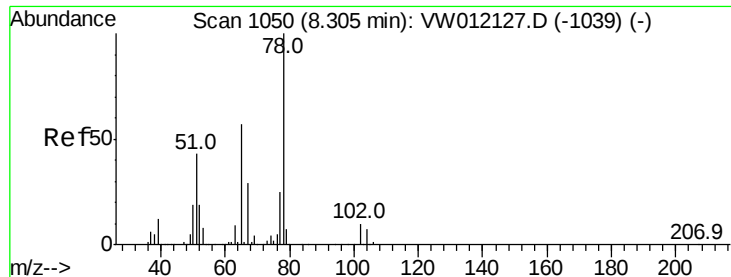
Abundance

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





#33

1,2-Dichloroethane-d4

Concen: 50.790 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012509.D

Acq: 02 Sep 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

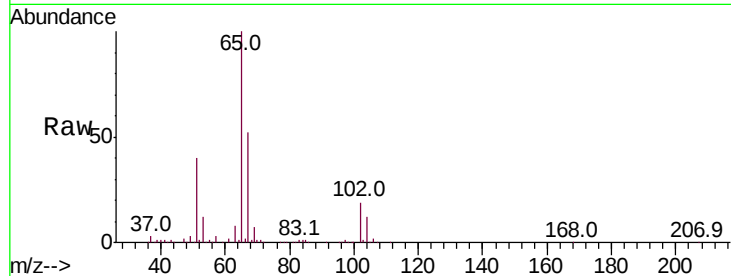
T9-12-13-T4-(1.9)

Tot Ion: 65 Resp: 132278

Ion Ratio Lower Upper

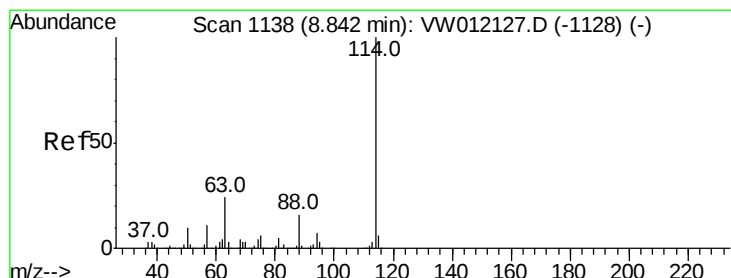
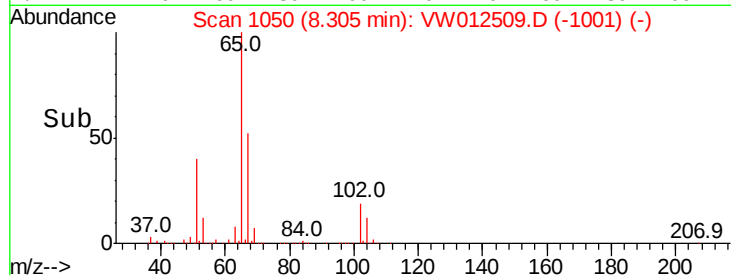
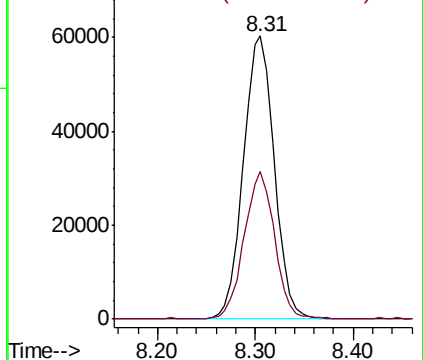
65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012509.D

Acq: 02 Sep 2019 19:37

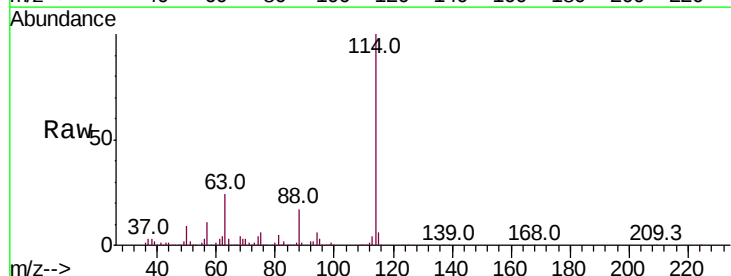
Tgt Ion: 114 Resp: 355198

Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.6

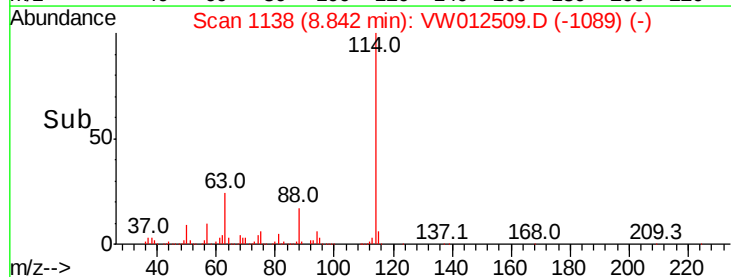
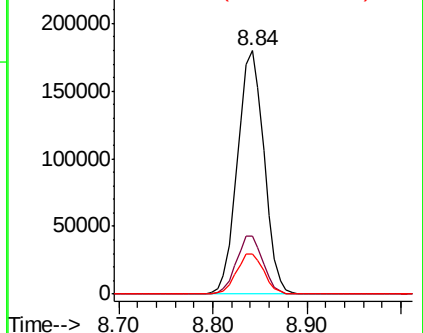
88 16.6 0.0 32.2

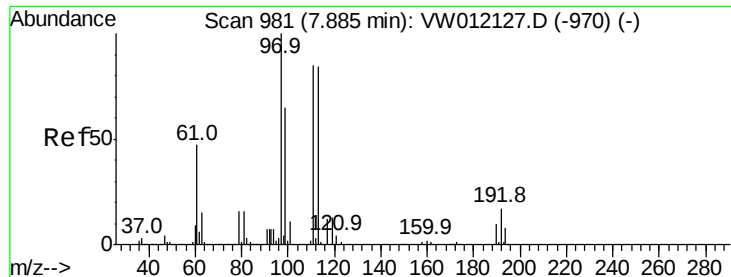


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.874 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012509.D

Acq: 02 Sep 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-T4-(1.9)

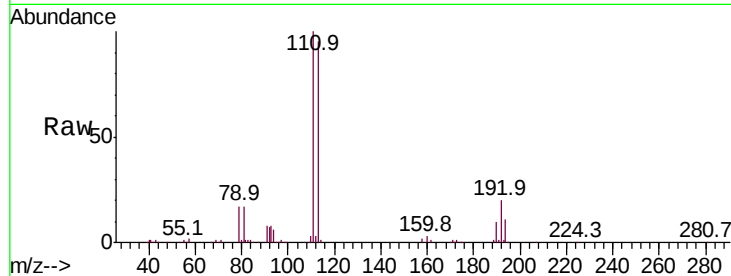
Tot Ion:113 Resp: 105743

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

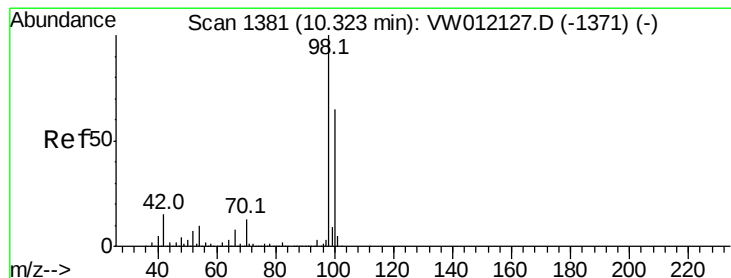
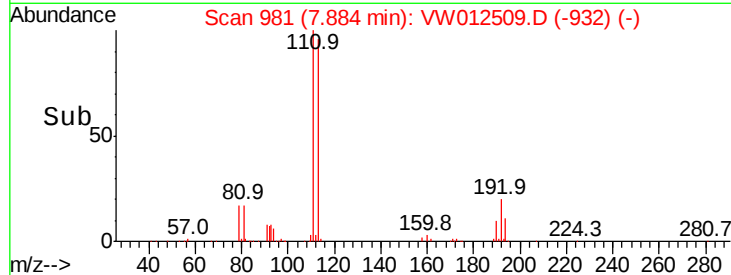
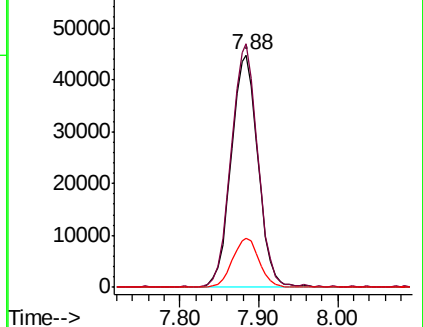
192 20.8 16.2 24.2



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: 48.821 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012509.D

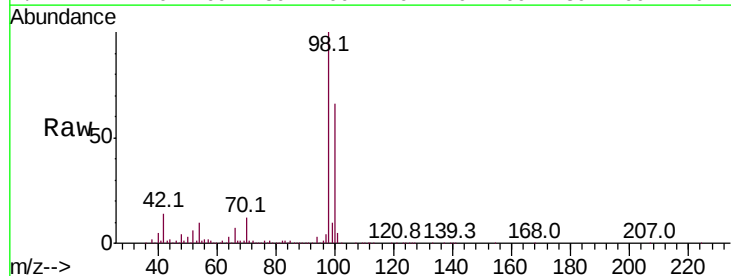
Acq: 02 Sep 2019 19:37

Tgt Ion: 98 Resp: 419703

Ion Ratio Lower Upper

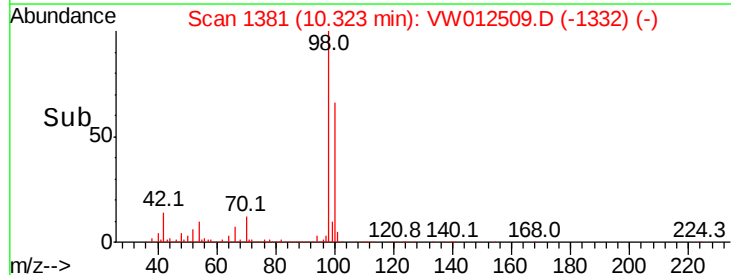
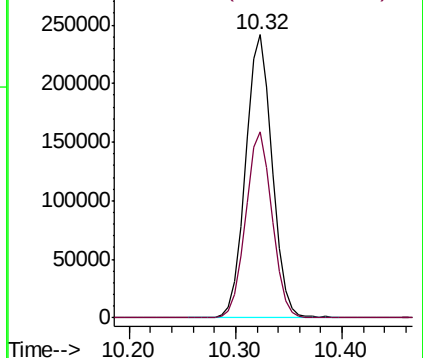
98 100

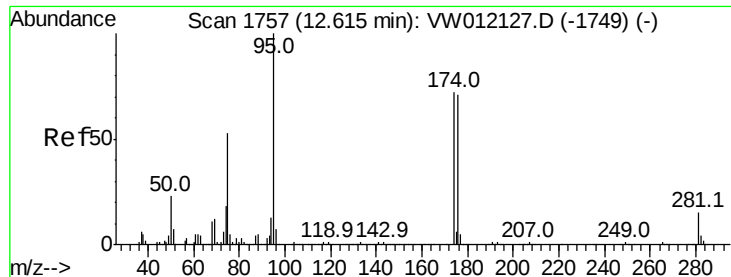
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.492 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012509.D

Acq: 02 Sep 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-T4-(1.9)

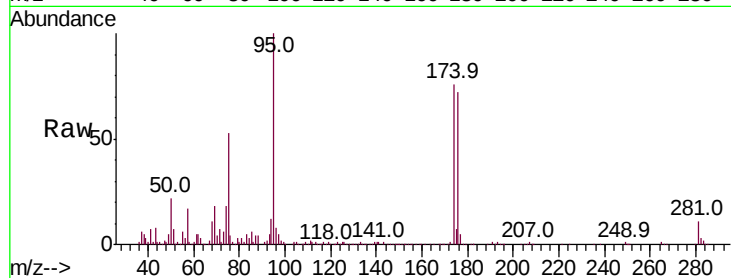
Tot Ion: 95 Resp: 122705

Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.8

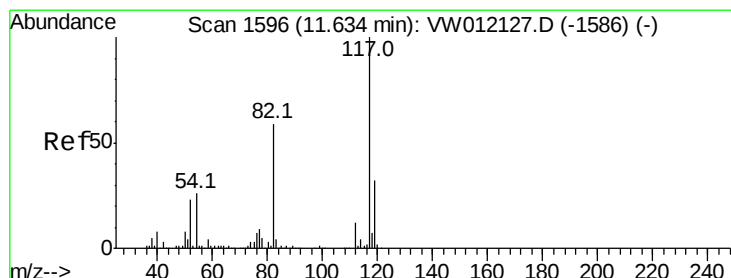
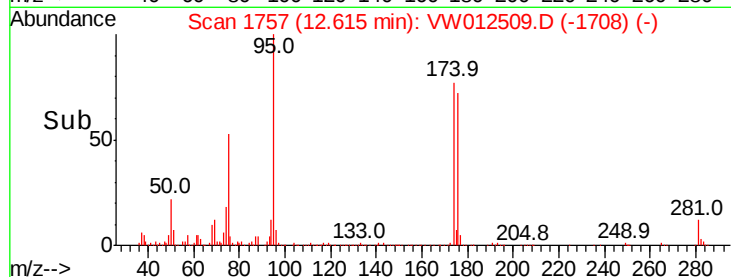
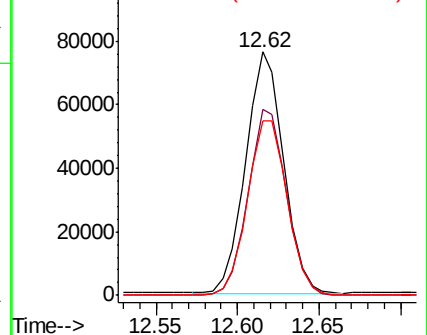
176 75.7 0.0 148.6



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: VW012509.D

Acq: 02 Sep 2019 19:37

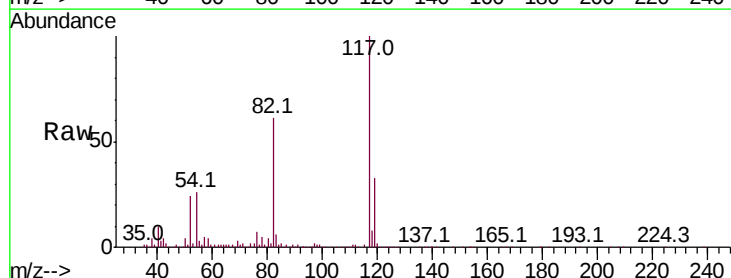
Tgt Ion: 117 Resp: 273460

Ion Ratio Lower Upper

117 100

82 60.5 47.4 71.2

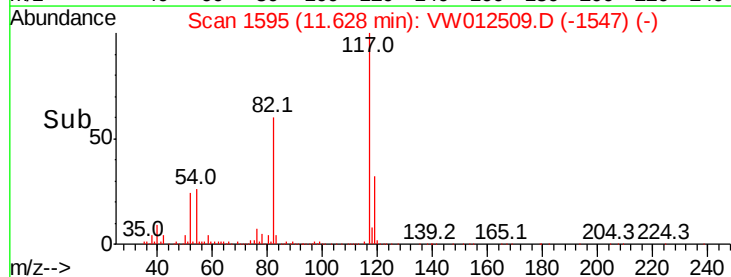
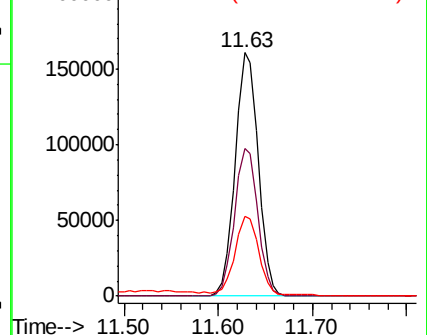
119 32.3 25.4 38.2

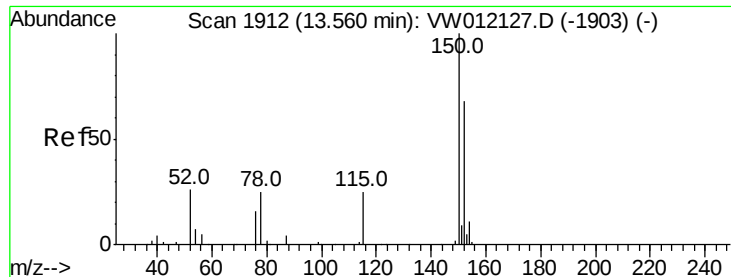


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012509.D

Acq: 02 Sep 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-T4-(1.9)

Tot Ion:152 Resp: 91614

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 156.1 0.0 345.8

