

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012433.D
 Acq On : 01 Sep 2019 07:05
 Operator : SY/VA
 Sample : K4516-12
 Misc : 4.04G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-B2-(2.5)

Quant Time: Sep 02 01:14:21 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

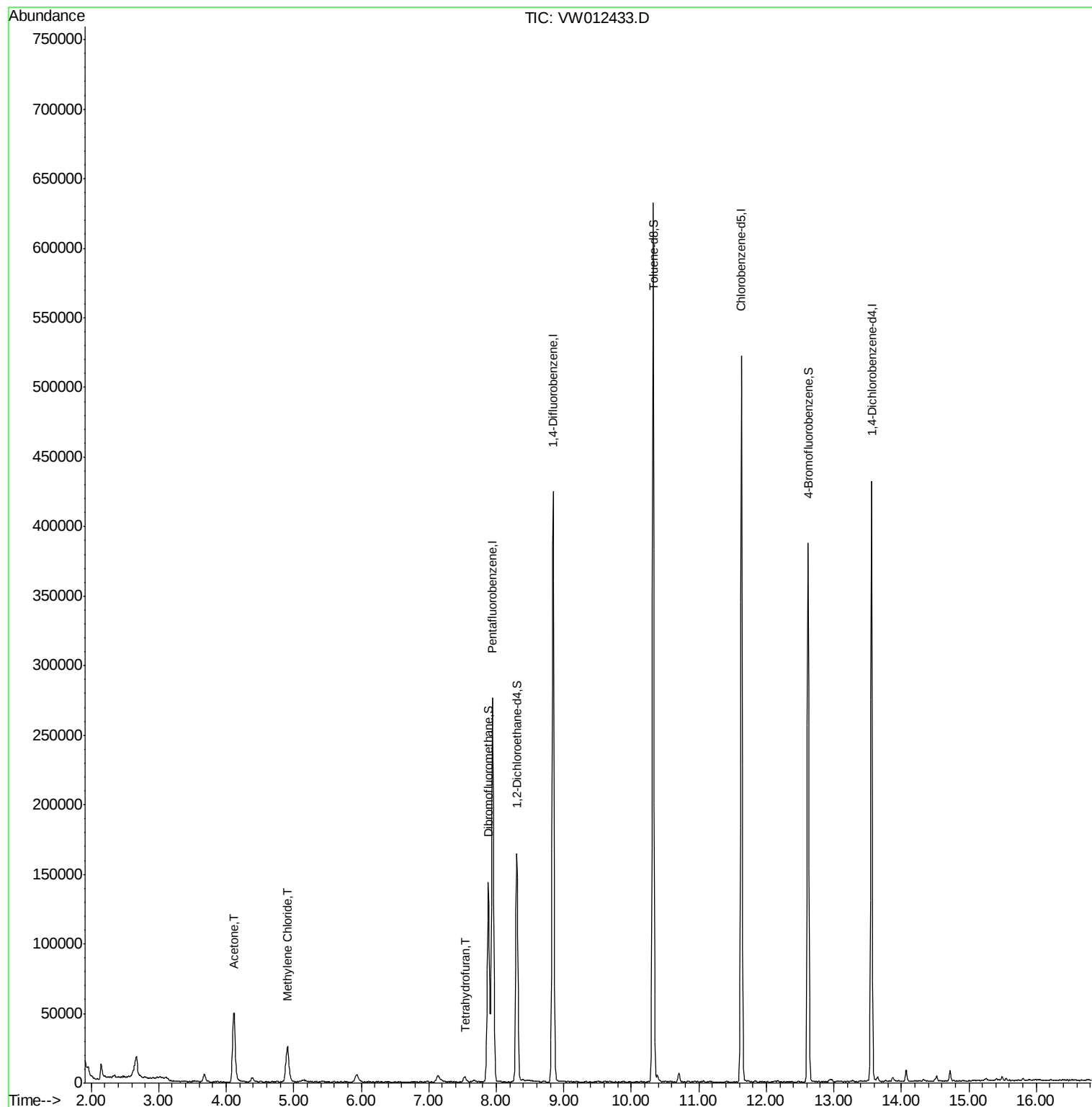
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131602	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	7.88	113	100338	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.32	98	396659	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	122270	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	4.11	43	92111	153.769	ug/l	98
20) Methylene Chloride	4.90	84	16893	7.460	ug/l	98
29) Tetrahydrofuran	7.53	42	3091	6.329	ug/l	94

(#) = 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: VW012433.D

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Instrument :

MSVOA_W

ClientSampleId :

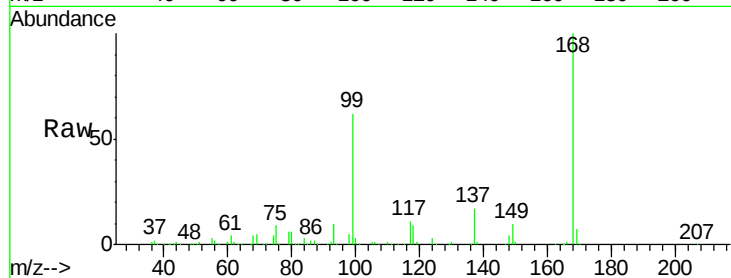
T2-S-B2-(2.5)

Tot Ion:168 Resp: 197131

Ion Ratio Lower Upper

168 100

99 61.6 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

80000

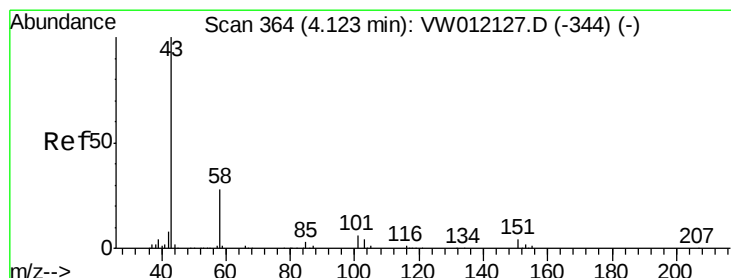
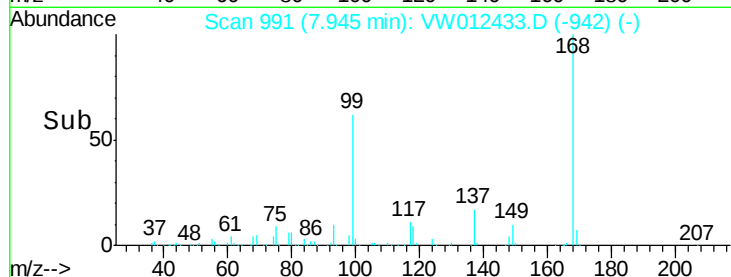
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 153.769 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012433.D

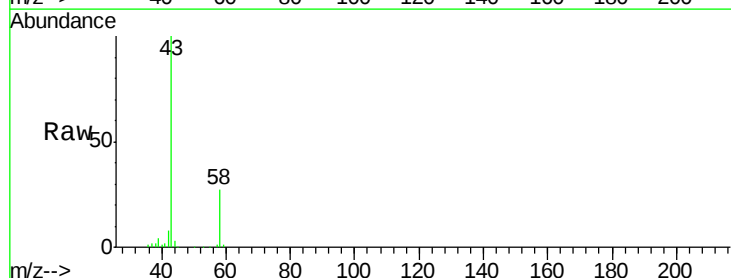
Acq: 01 Sep 2019 07:05

Tgt Ion: 43 Resp: 92111

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

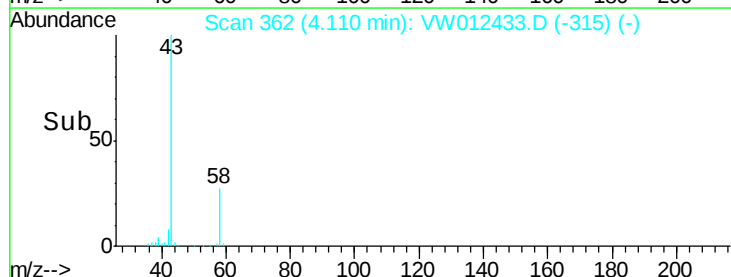
30000

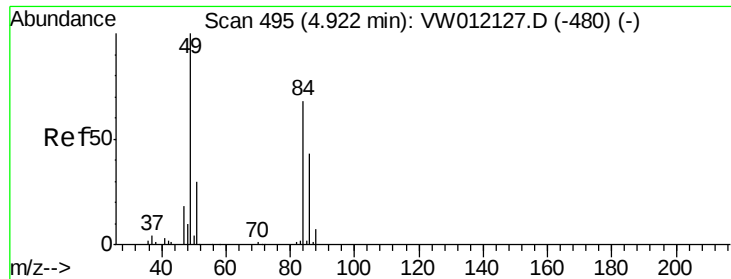
20000

10000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 7.460 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012433.D

Acq: 01 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

T2-S-B2-(2.5)

Tot Ion: 84 Resp: 16893

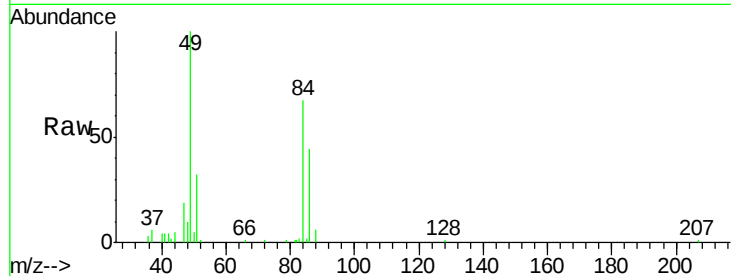
Ion Ratio Lower Upper

84 100

49 148.4 117.8 176.8

51 48.1 35.6 53.4

86 65.1 51.2 76.8

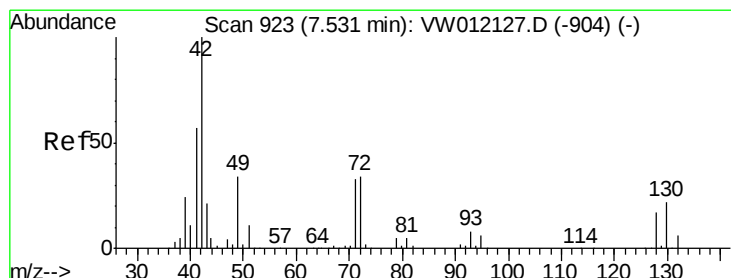
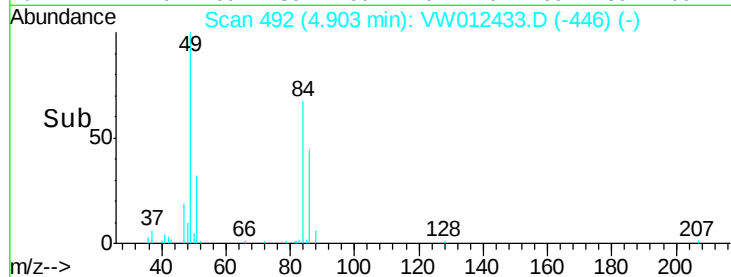
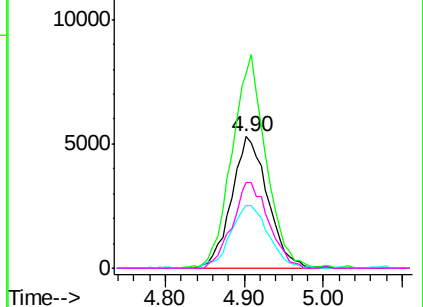


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 6.329 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012433.D

Acq: 01 Sep 2019 07:05

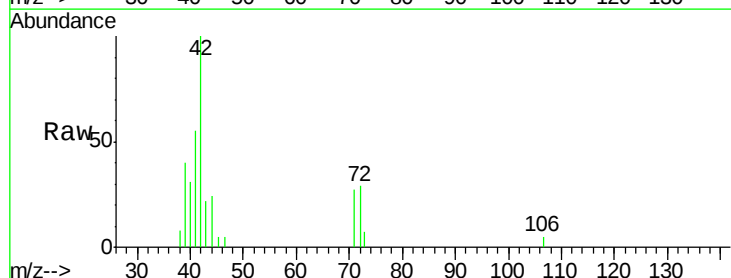
Tgt Ion: 42 Resp: 3091

Ion Ratio Lower Upper

42 100

72 40.2 27.3 40.9

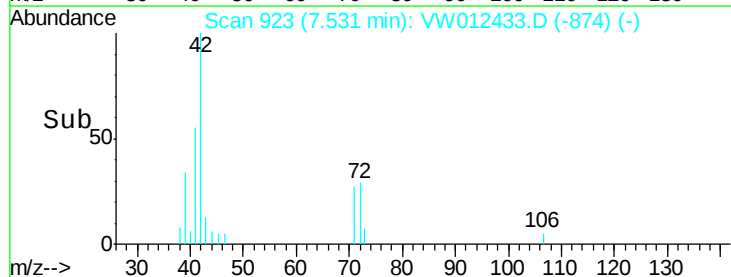
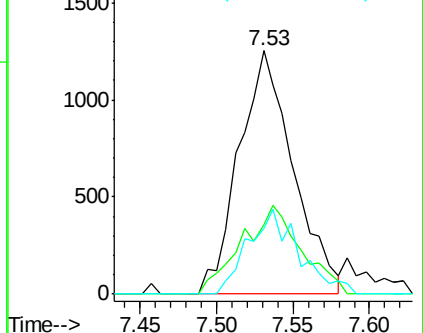
71 32.6 25.5 38.3

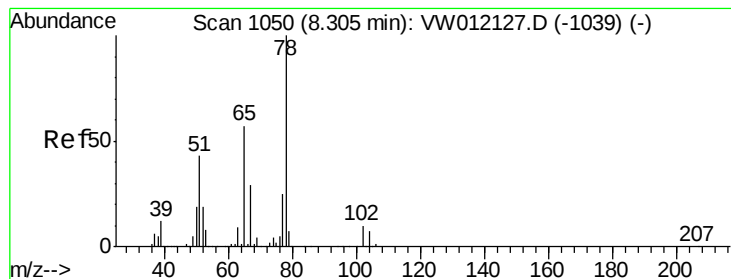


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.158 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012433.D

Acq: 01 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

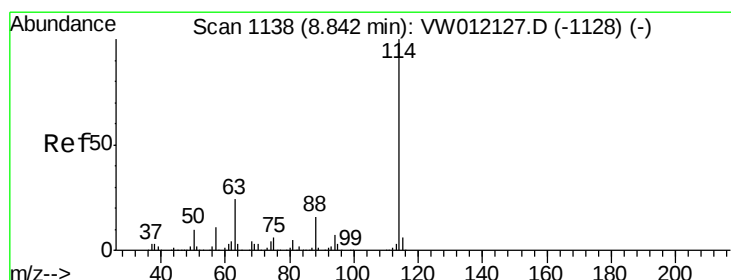
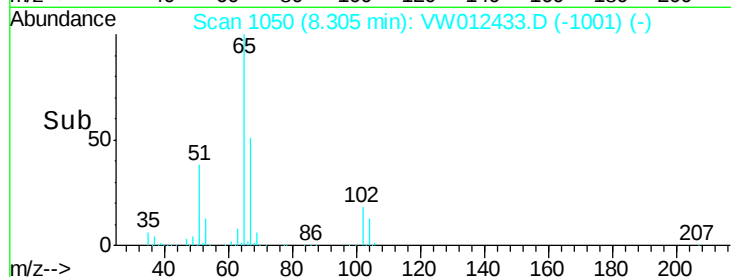
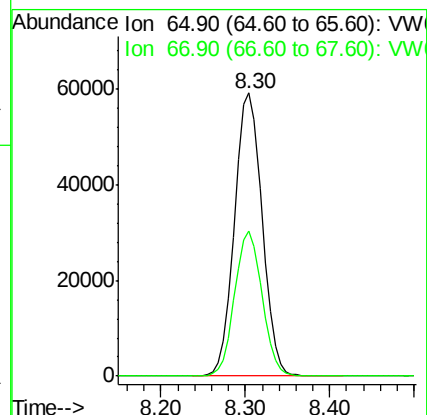
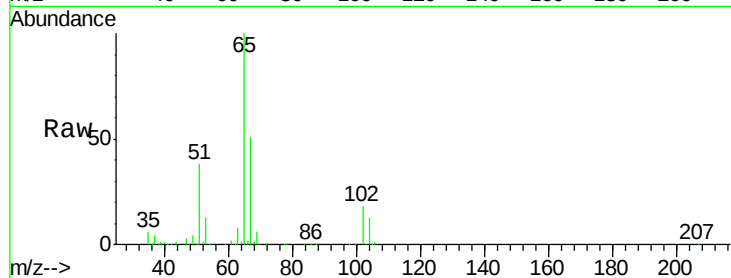
T2-S-B2-(2.5)

Tot Ion: 65 Resp: 131602

Ion Ratio Lower Upper

65 100

67 50.7 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: VW012433.D

Acq: 01 Sep 2019 07:05

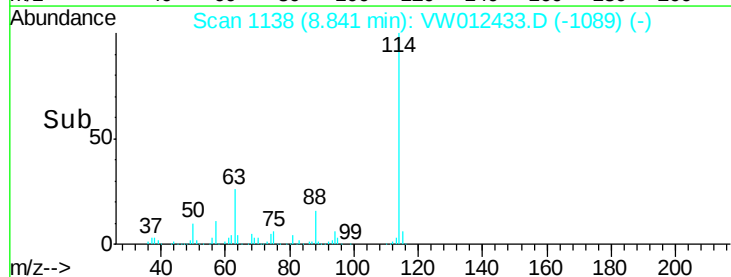
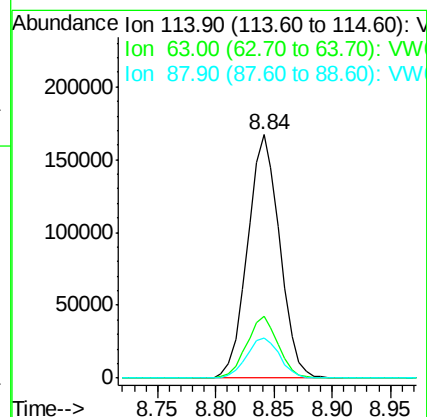
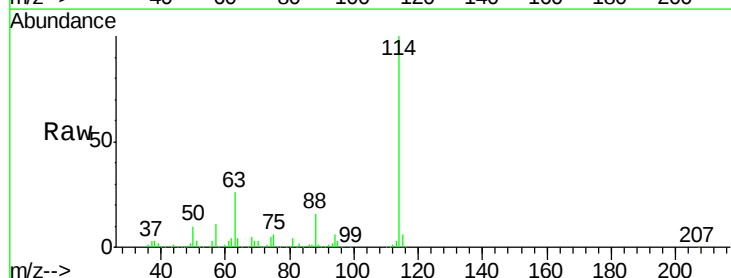
Tgt Ion: 114 Resp: 321597

Ion Ratio Lower Upper

114 100

63 25.6 0.0 48.6

88 16.2 0.0 32.2

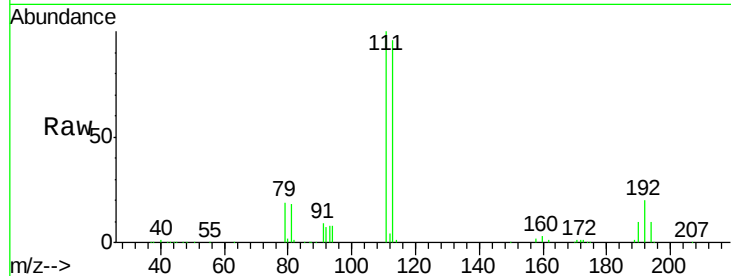




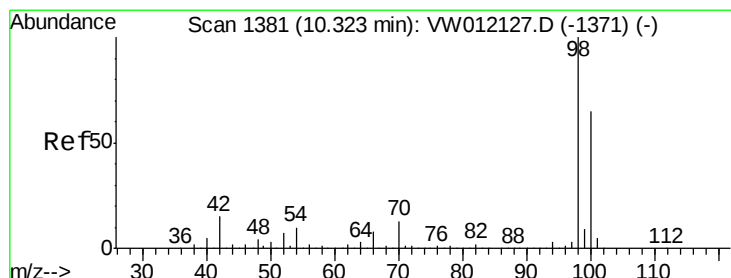
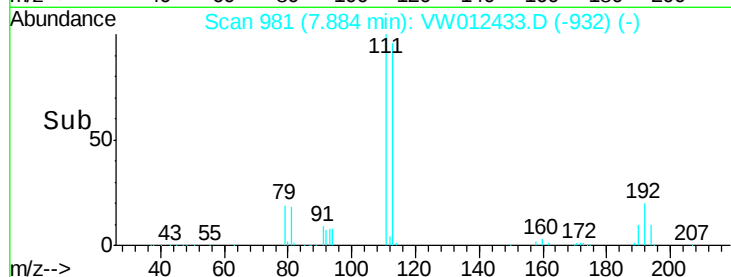
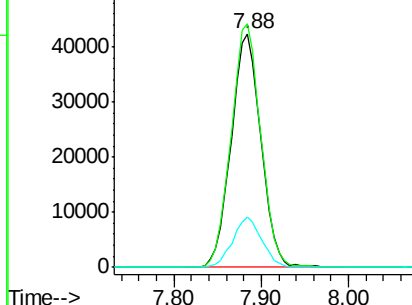
#35
Dibromofluoromethane
Concen: 52.270 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012433.D
Acq: 01 Sep 2019 07:05

Instrument :
MSVOA_W
ClientSampleId :
T2-S-B2-(2.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	21.0	16.2	24.2

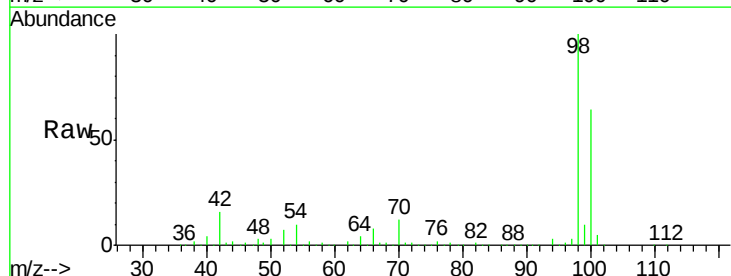


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

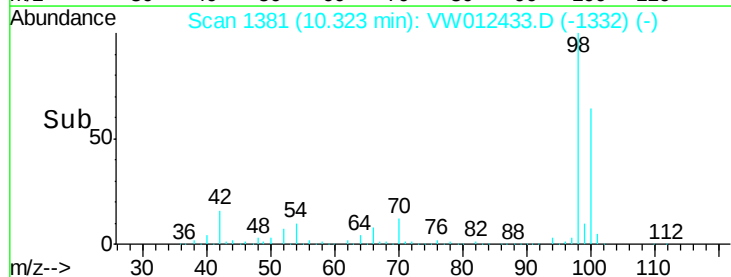
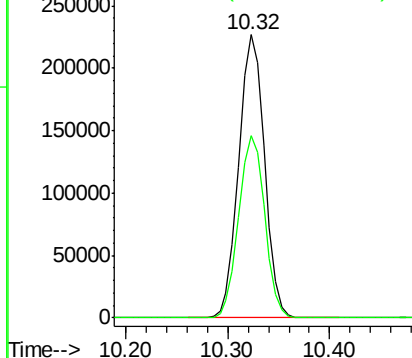


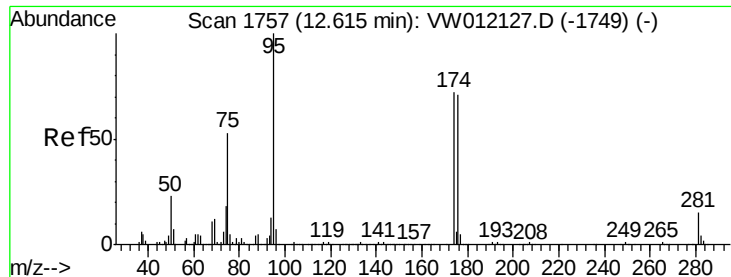
#50
Toluene-d8
Concen: 50.961 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012433.D
Acq: 01 Sep 2019 07:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	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: 44.564 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012433.D

Acq: 01 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

T2-S-B2-(2.5)

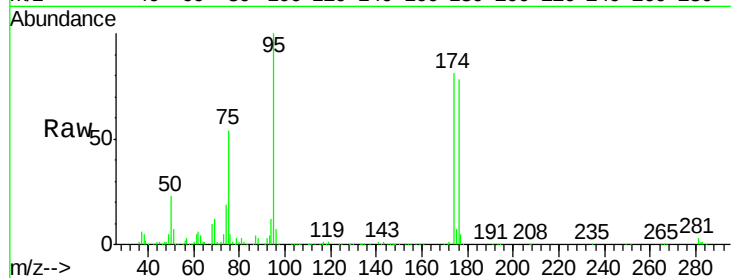
Tot Ion: 95 Resp: 122270

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.8

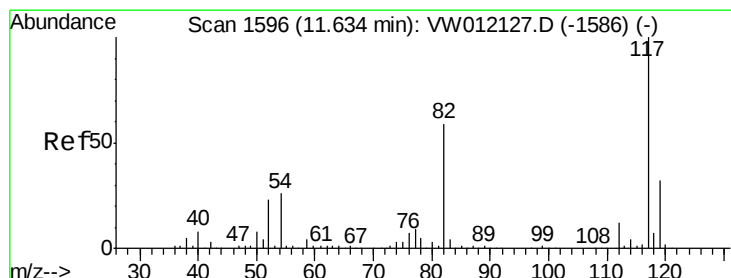
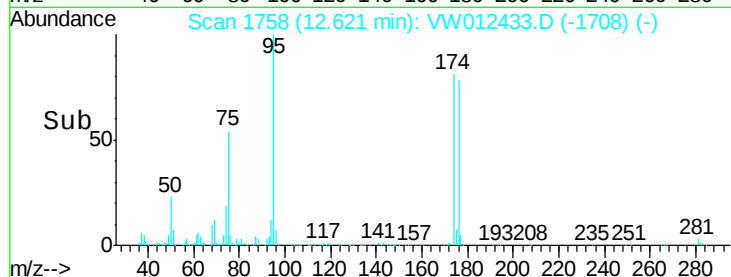
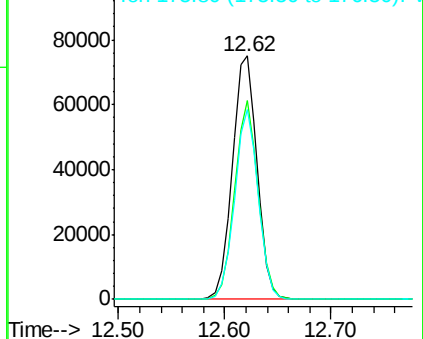
176 74.3 0.0 148.6



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# 1596

Delta R.T. -0.00 min

Lab File: VW012433.D

Acq: 01 Sep 2019 07:05

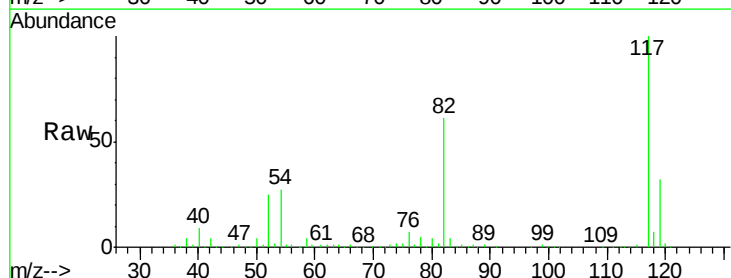
Tgt Ion: 117 Resp: 268695

Ion Ratio Lower Upper

117 100

82 61.4 47.4 71.2

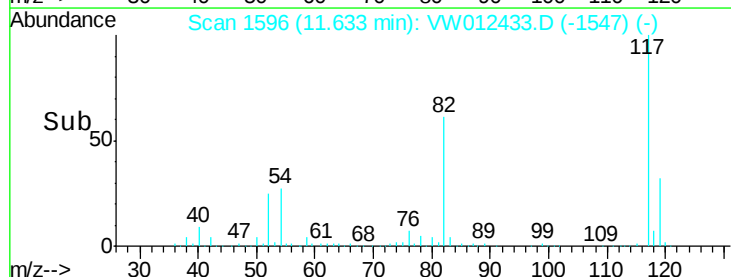
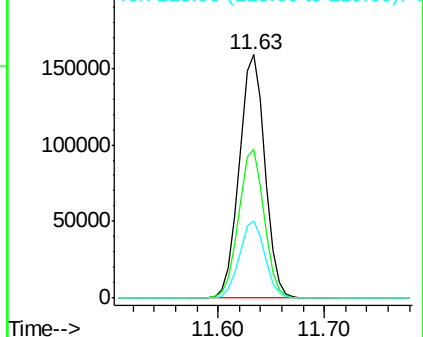
119 31.7 25.4 38.2

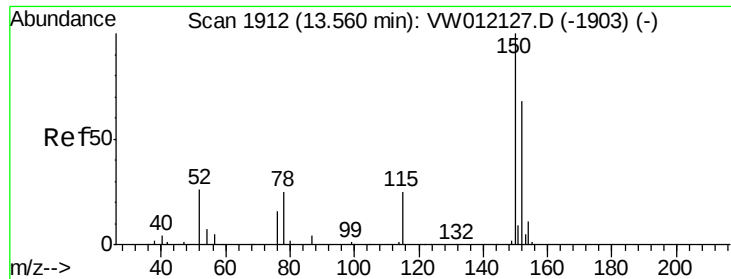


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012433.D

Acq: 01 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

T2-S-B2-(2.5)

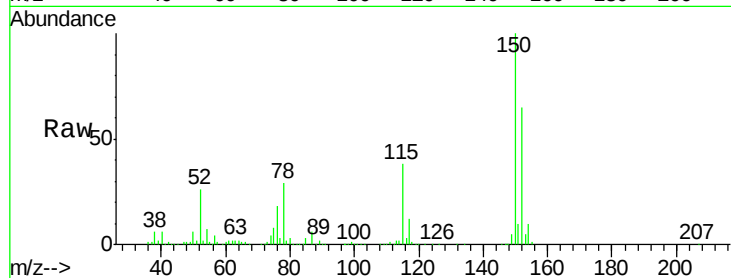
Tot Ion:152 Resp: 106262

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

150 154.9 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

