

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012234.D
 Acq On : 28 Aug 2019 04:59
 Operator : SY/VA
 Sample : K4093-03
 Misc : 3.33G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-082619

Quant Time: Aug 28 07:41:22 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

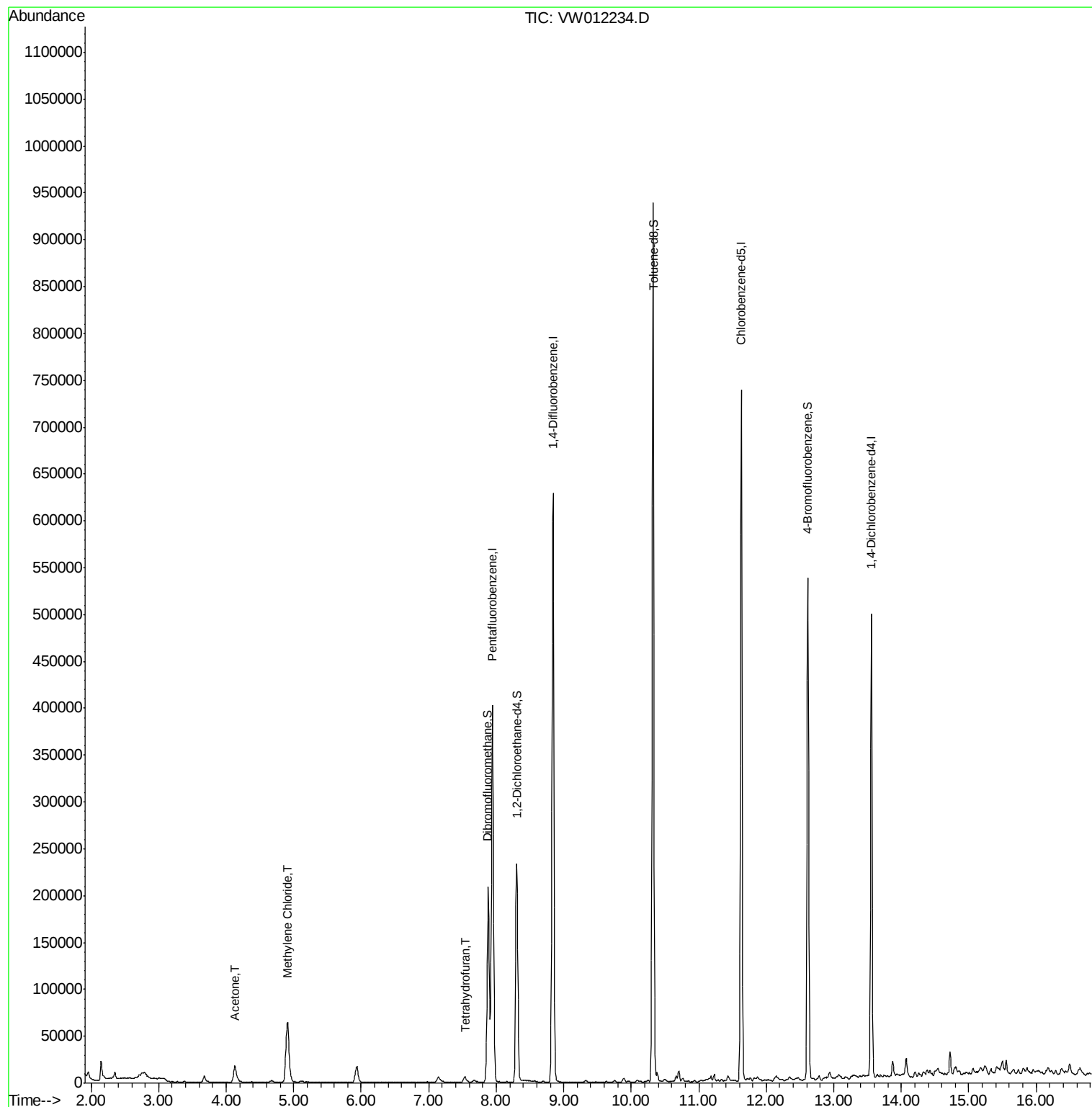
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	499840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	187888	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	7.88	113	148710	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.32	98	590437	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.62	95	172108	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
Target Compounds						
16) Acetone	4.13	43	35330	39.286	ug/l	96
20) Methylene Chloride	4.91	84	47193	13.882	ug/l	99
29) Tetrahydrofuran	7.54	42	5707	7.784	ug/l	95

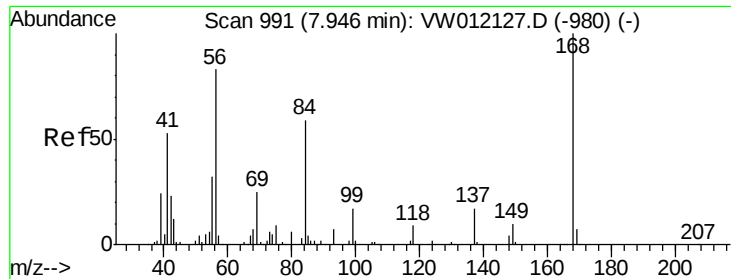
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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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: VW012234.D

Acq: 28 Aug 2019 04:59

Instrument :

MSVOA_W

ClientSampleId :

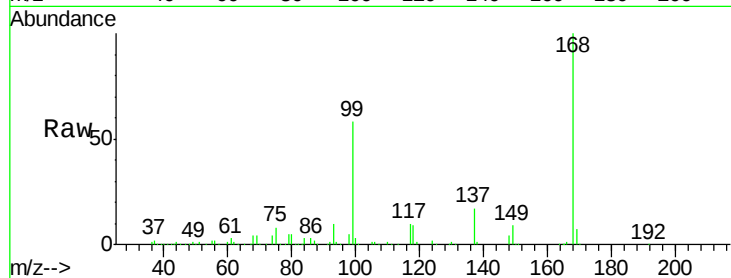
PL-02-082619

Tot Ion:168 Resp: 295947

Ion Ratio Lower Upper

168 100

99 57.7 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

150000

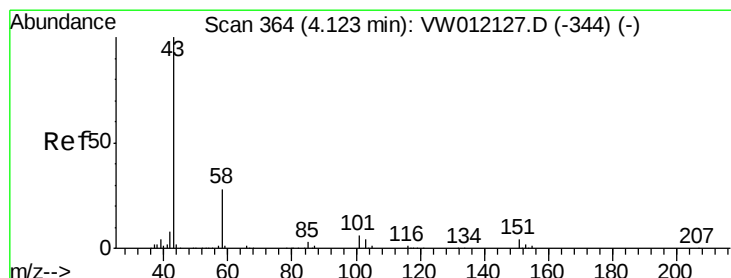
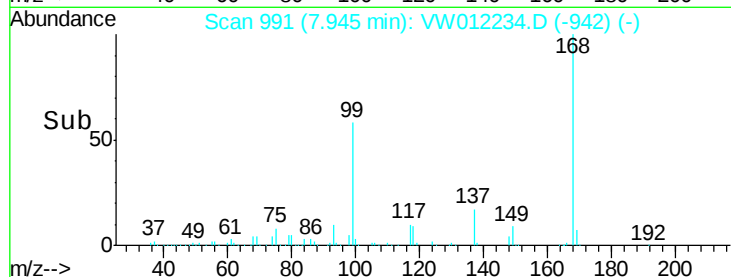
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 39.286 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012234.D

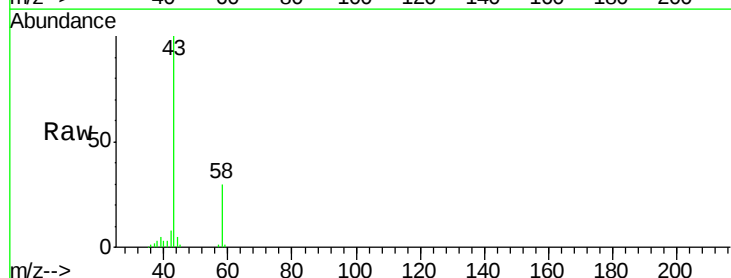
Acq: 28 Aug 2019 04:59

Tgt Ion: 43 Resp: 35330

Ion Ratio Lower Upper

43 100

58 30.2 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

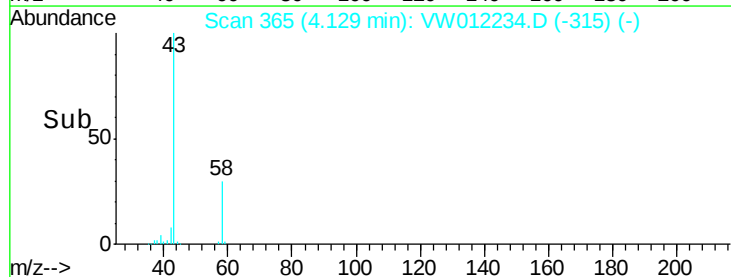
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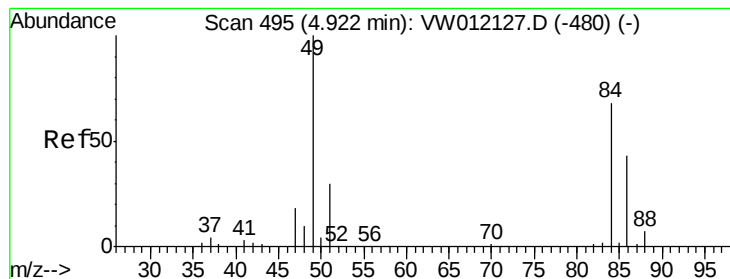
5000

0

4.00 4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 13.882 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012234.D

Acq: 28 Aug 2019 04:59

Instrument :

MSVOA_W

ClientSampled :

PL-02-082619

Tot Ion: 84 Resp: 47193

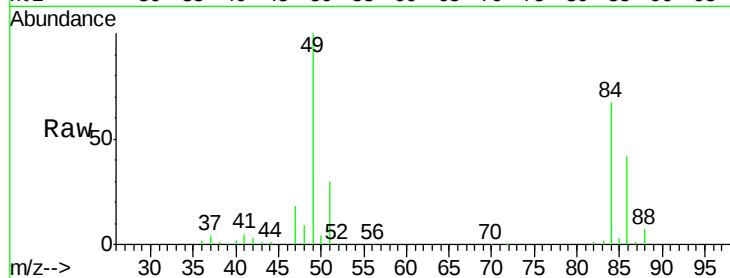
Ion Ratio Lower Upper

84 100

49 150.0 117.8 176.8

51 44.5 35.6 53.4

86 63.3 51.2 76.8

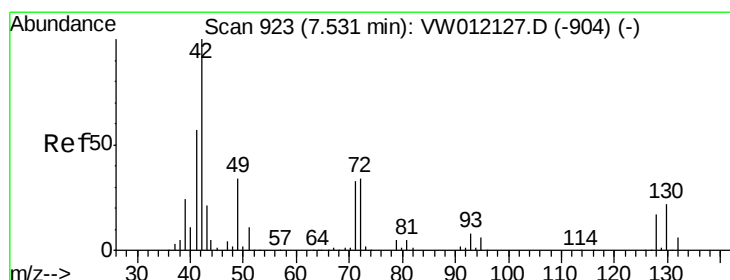
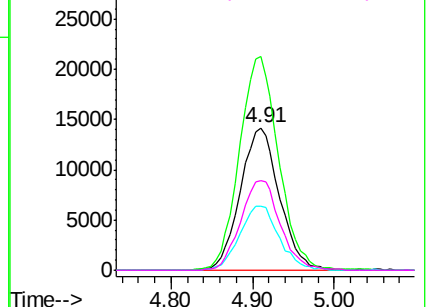
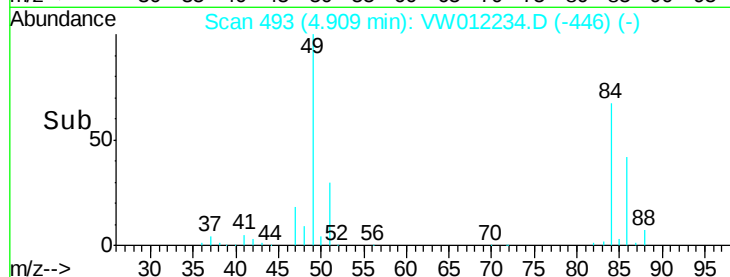


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 7.784 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012234.D

Acq: 28 Aug 2019 04:59

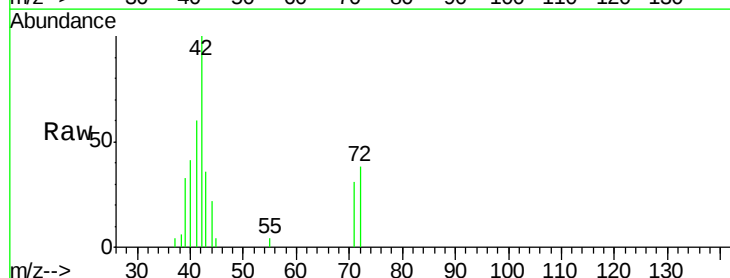
Tgt Ion: 42 Resp: 5707

Ion Ratio Lower Upper

42 100

72 36.2 27.3 40.9

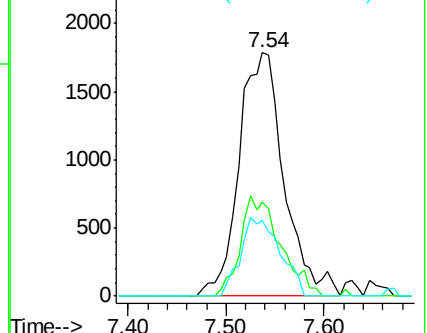
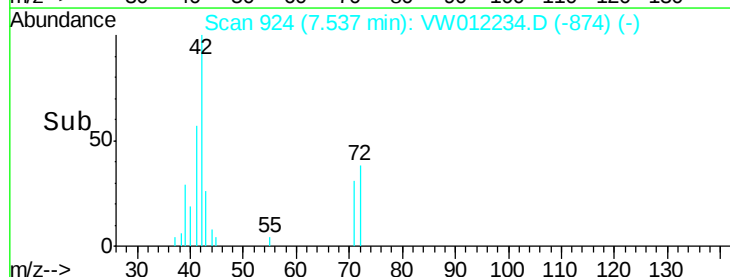
71 28.2 25.5 38.3

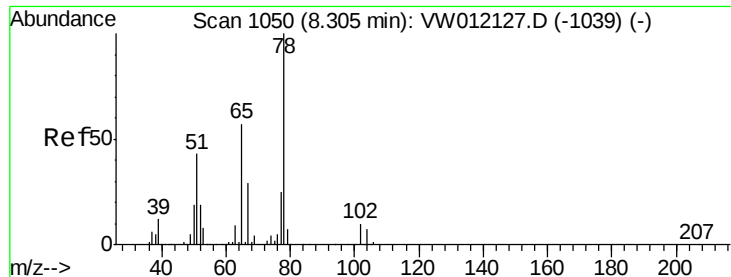


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

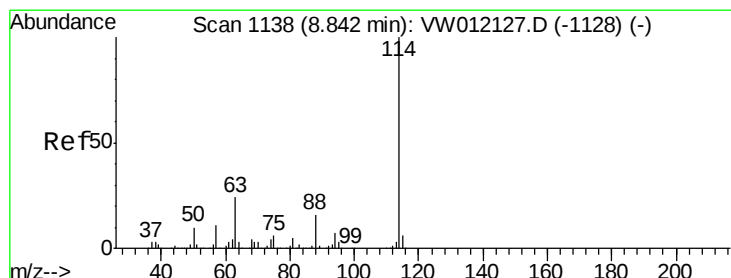
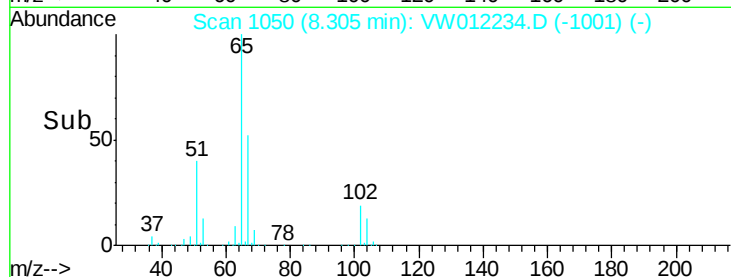
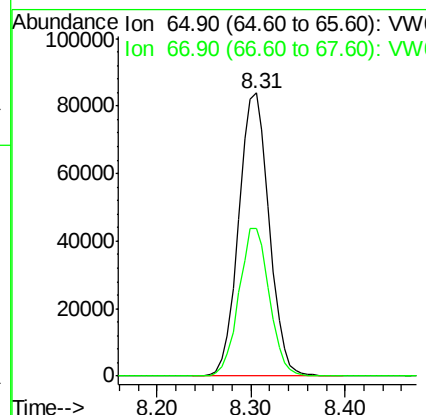
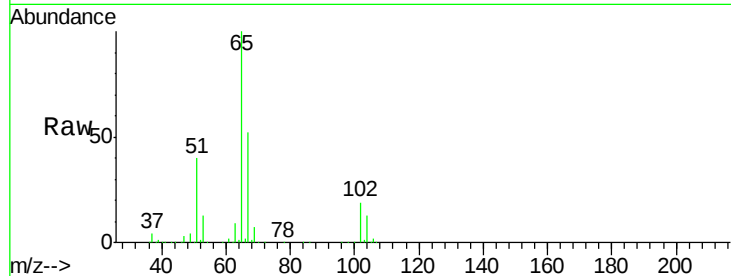




#33
 1,2-Dichloroethane-d4
 Concen: 53.406 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012234.D
 Acq: 28 Aug 2019 04:59

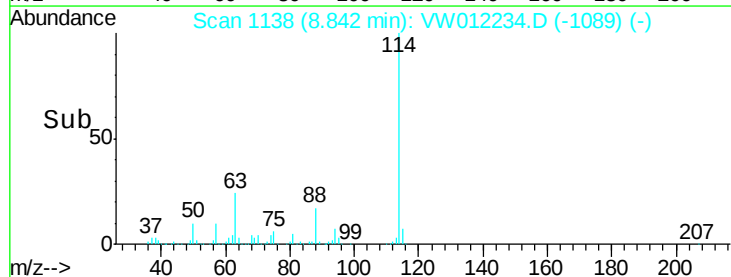
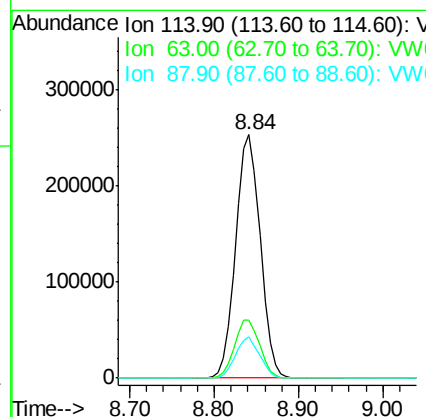
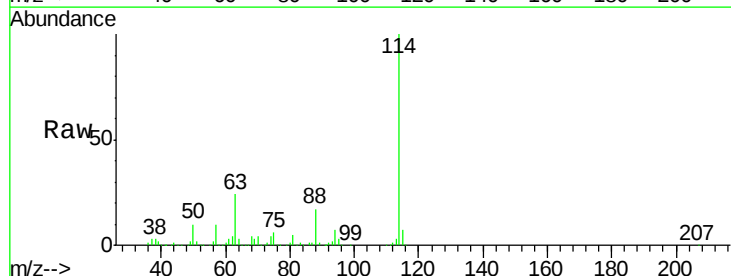
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-082619

Tot Ion: 65 Resp: 187888
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VW012234.D
 Acq: 28 Aug 2019 04:59

Tgt Ion: 114 Resp: 499840
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 17.0 0.0 32.2

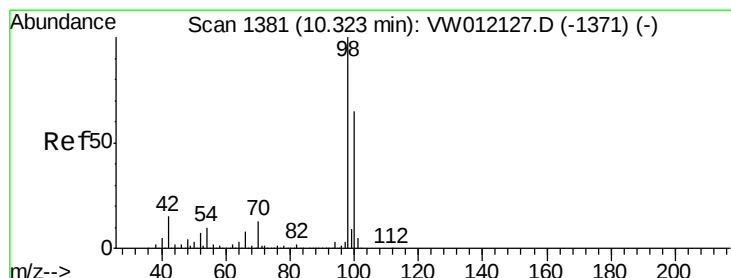
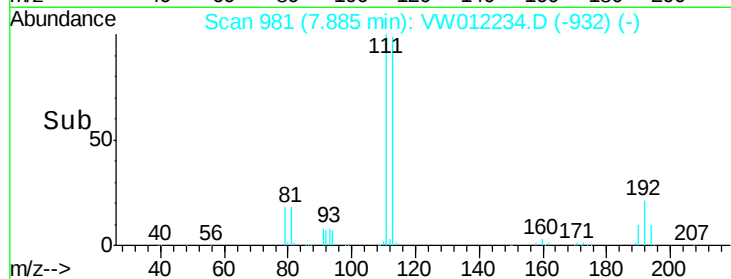
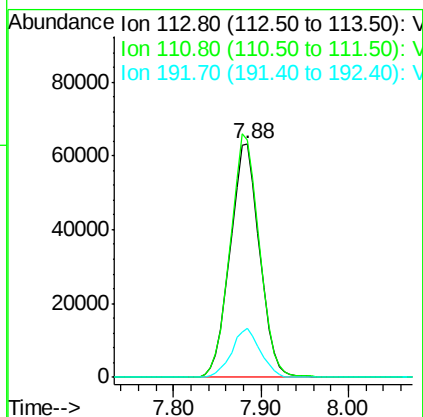
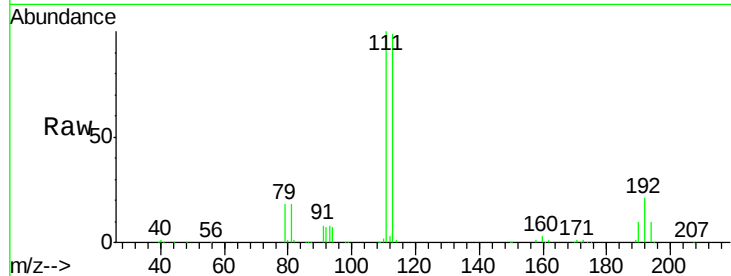




#35
 Dibromofluoromethane
 Concen: 49.843 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012234.D
 Acq: 28 Aug 2019 04:59

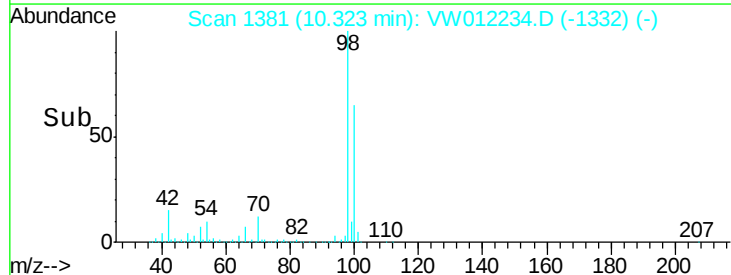
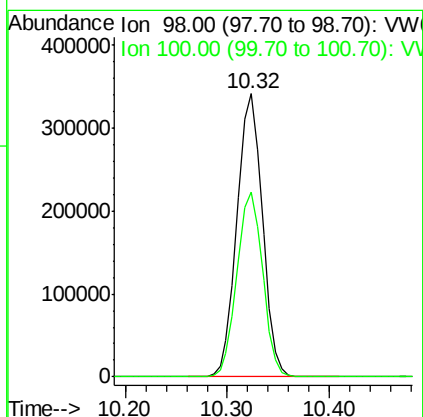
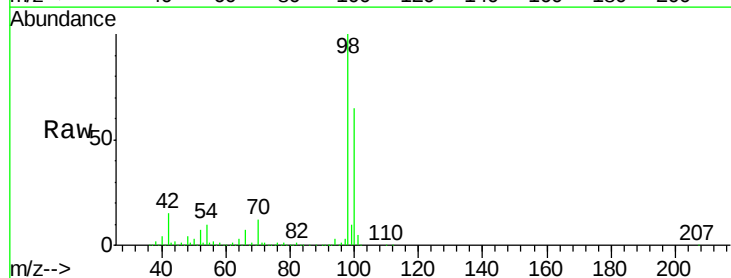
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-082619

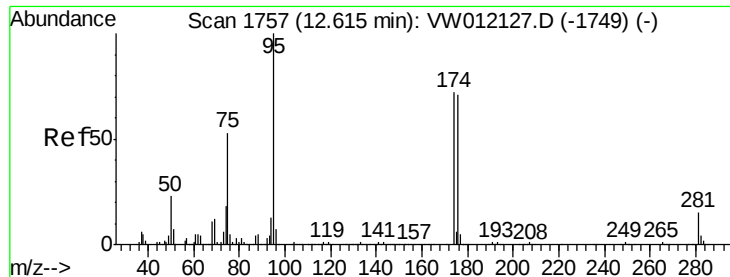
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.5	16.2	24.2



#50
 Toluene-d8
 Concen: 48.807 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012234.D
 Acq: 28 Aug 2019 04:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6

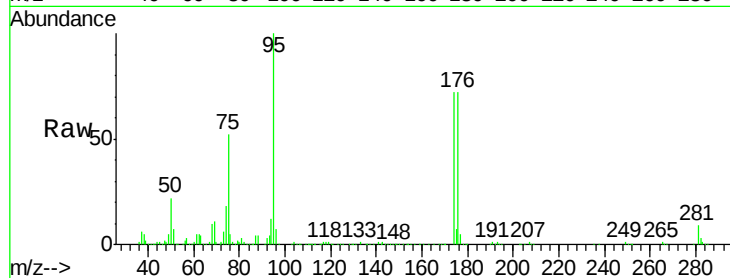




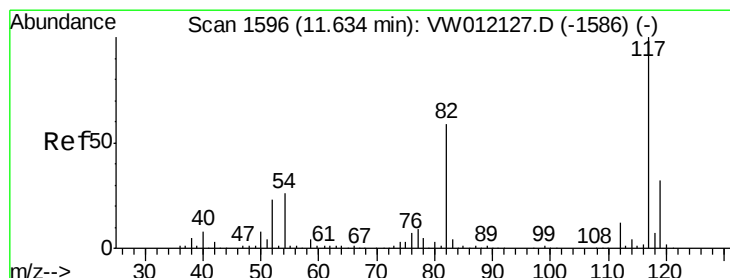
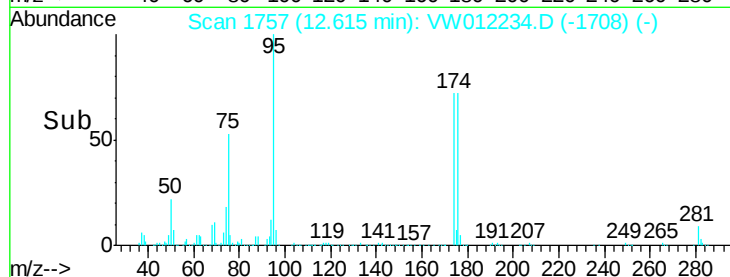
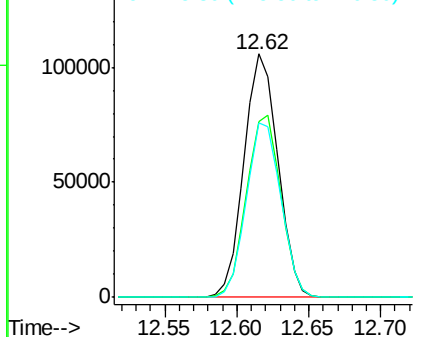
#62
4-Bromofluorobenzene
Concen: 40.360 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012234.D
Acq: 28 Aug 2019 04:59

Instrument :
MSVOA_W
ClientSampled :
PL-02-082619

Tot Ion: 95 Resp: 172108
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.8
176 73.4 0.0 148.6

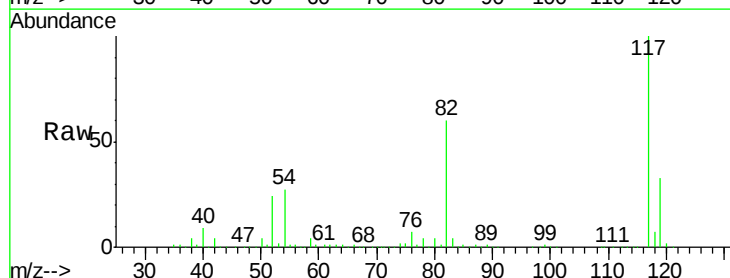


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

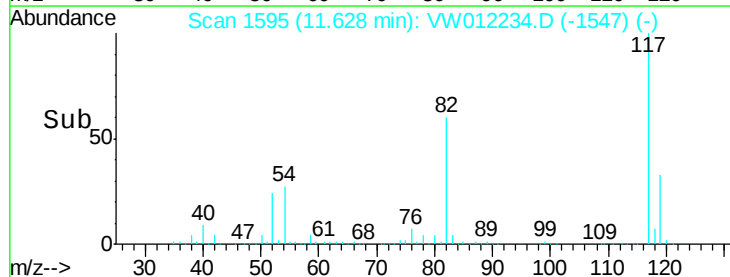
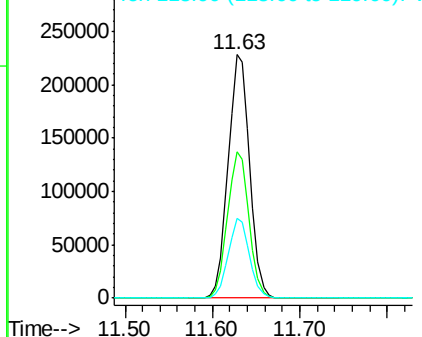


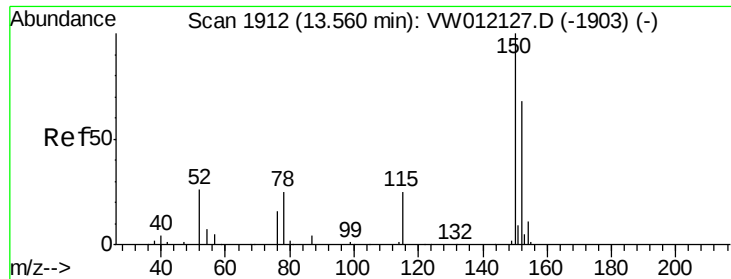
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012234.D
Acq: 28 Aug 2019 04:59

Tgt Ion: 117 Resp: 389305
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.9 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: VW012234.D

Acq: 28 Aug 2019 04:59

Instrument :

MSVOA_W

ClientSampleId :

PL-02-082619

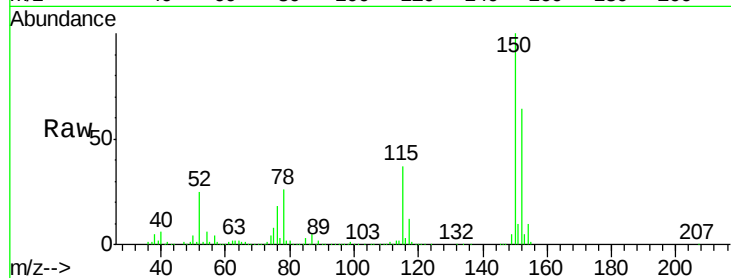
Tot Ion:152 Resp: 125934

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 156.3 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

