

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012155.D
 Acq On : 24 Aug 2019 01:00
 Operator : SY/VA
 Sample : K4474-19
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-A-(0)

Quant Time: Aug 26 08:30:50 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

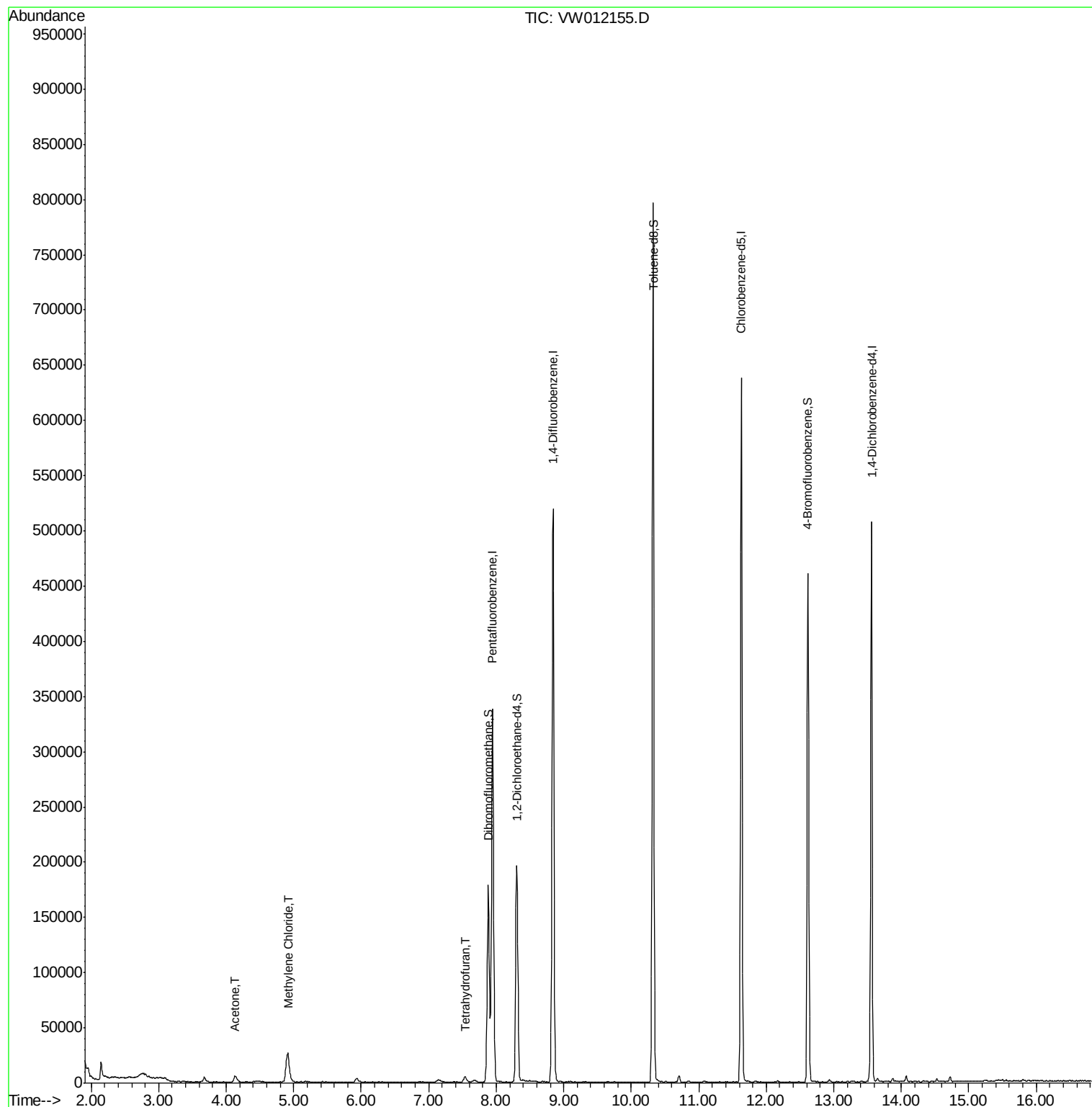
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159794	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
35) Dibromofluoromethane	7.88	113	125585	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.32	98	501571	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	149687	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
16) Acetone	4.13	43	11432	15.490	ug/l	95
20) Methylene Chloride	4.91	84	19018	6.816	ug/l	98
29) Tetrahydrofuran	7.54	42	4687	7.790	ug/l	98

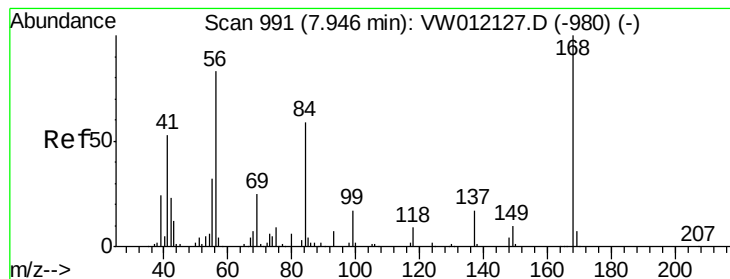
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012155.D

Acq: 24 Aug 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

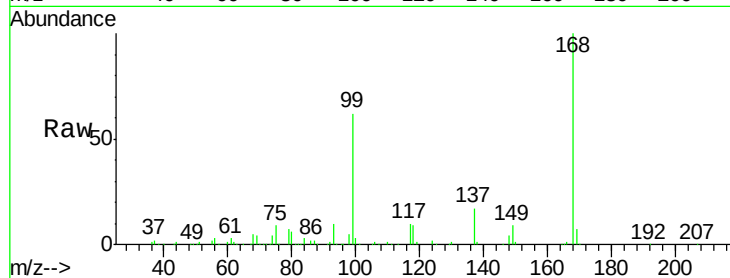
T1-2-A-(0)

Tot Ion:168 Resp: 242876

Ion Ratio Lower Upper

168 100

99 61.8 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

120000

100000

80000

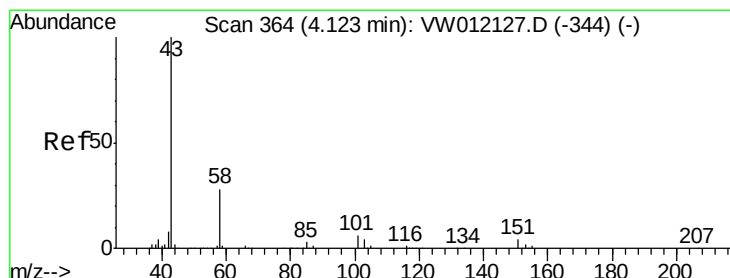
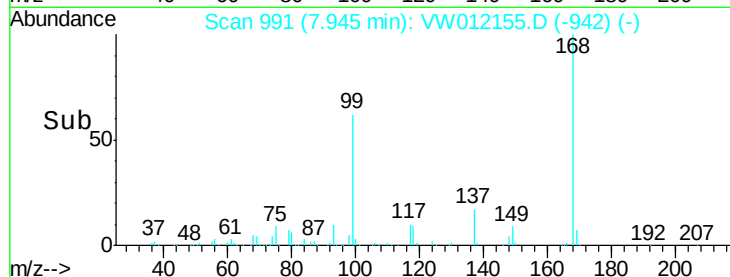
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 15.490 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012155.D

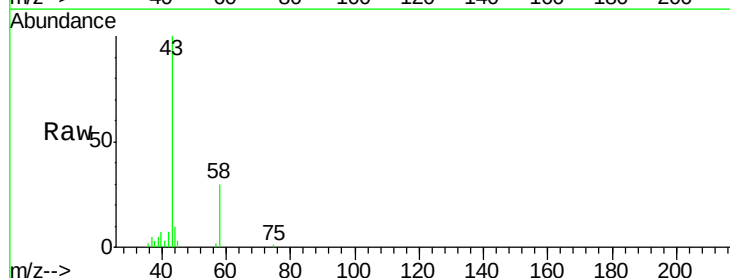
Acq: 24 Aug 2019 01:00

Tgt Ion: 43 Resp: 11432

Ion Ratio Lower Upper

43 100

58 30.5 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

4000

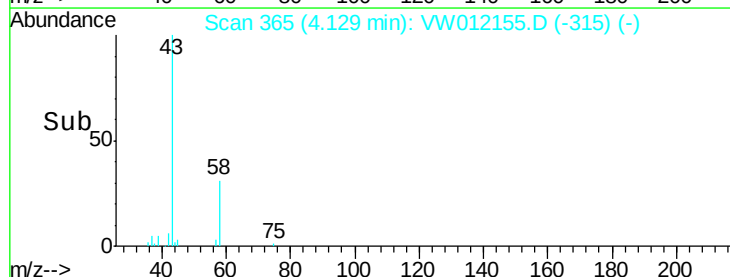
3000

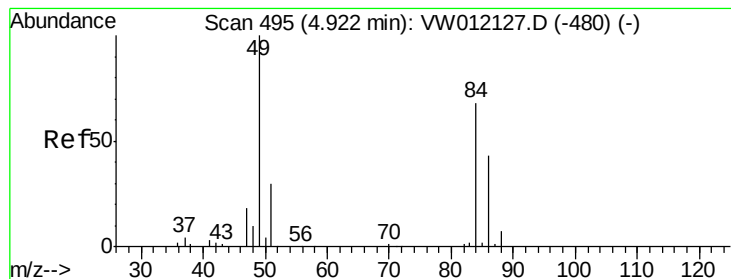
2000

1000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 6.816 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012155.D

Acq: 24 Aug 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

T1-2-A(0)

Tot Ion: 84 Resp: 19018

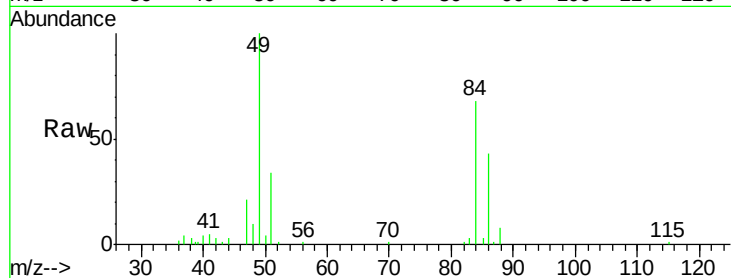
Ion Ratio Lower Upper

84 100

49 147.8 117.8 176.8

51 50.4 35.6 53.4

86 63.3 51.2 76.8



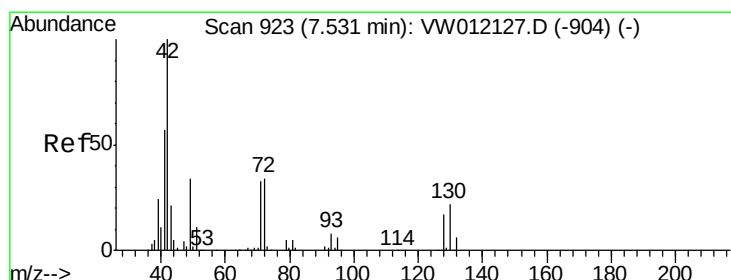
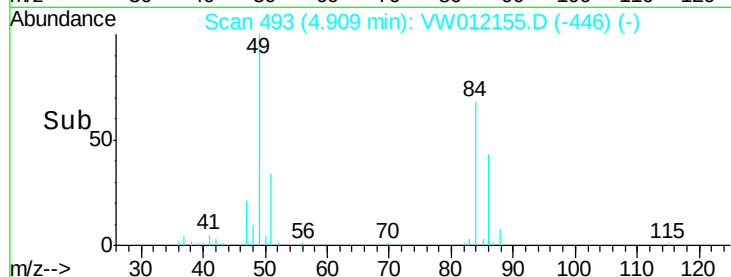
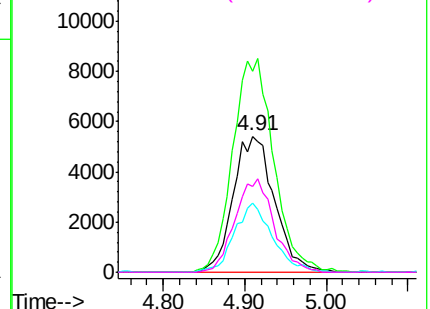
Abundance

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: 7.790 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012155.D

Acq: 24 Aug 2019 01:00

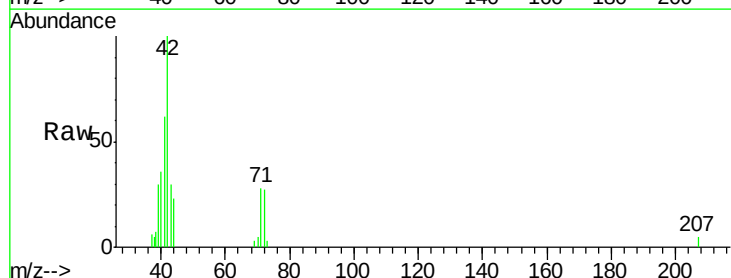
Tgt Ion: 42 Resp: 4687

Ion Ratio Lower Upper

42 100

72 33.4 27.3 40.9

71 33.4 25.5 38.3

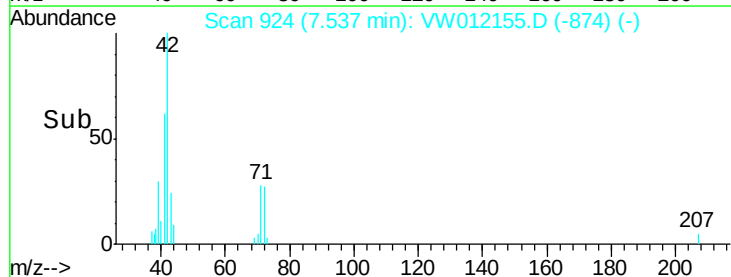
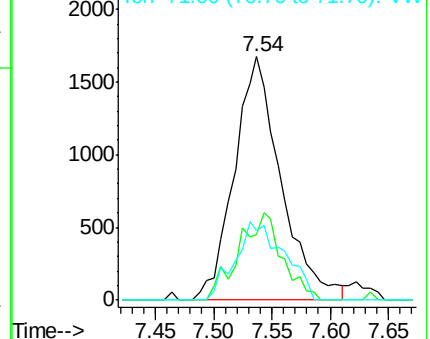


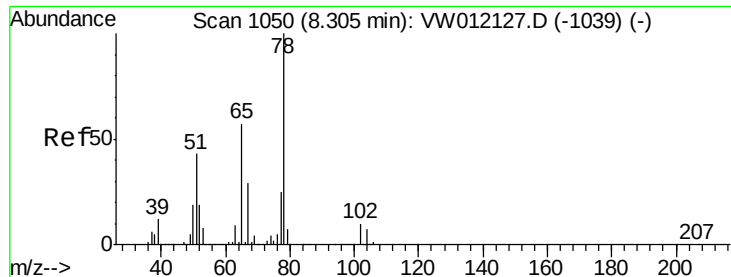
Abundance

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

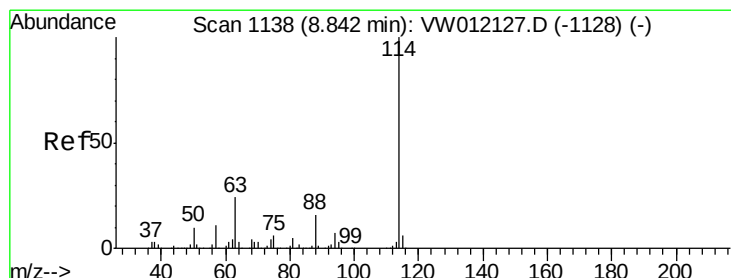
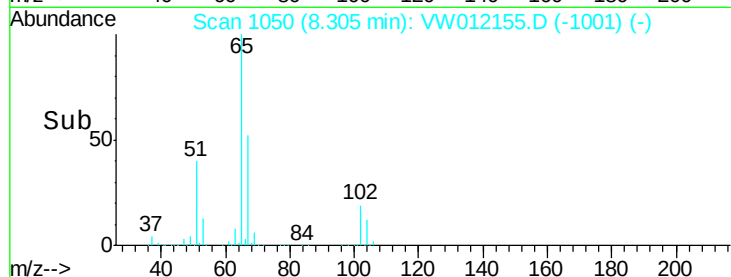
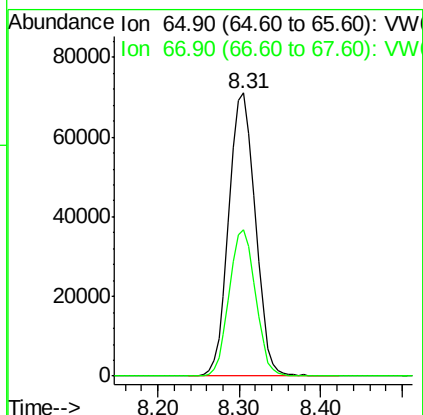
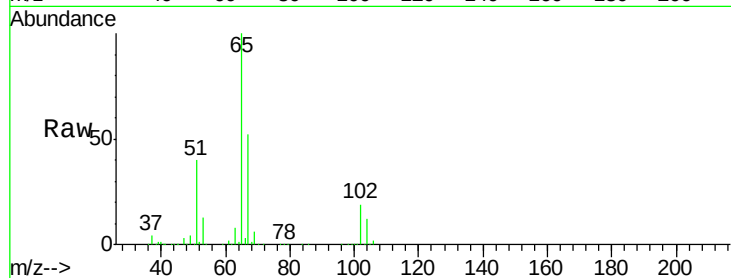




#33
 1,2-Dichloroethane-d4
 Concen: 55.346 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012155.D
 Acq: 24 Aug 2019 01:00

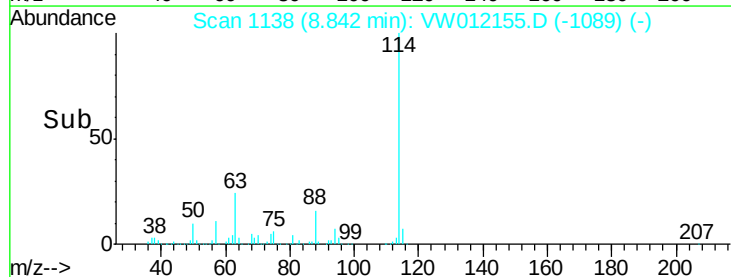
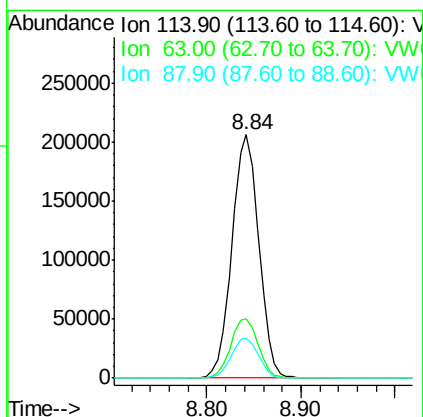
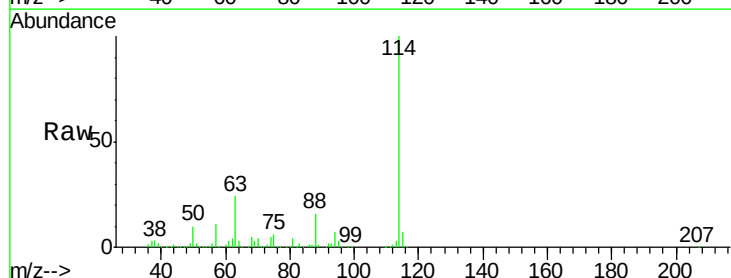
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-A-(0)

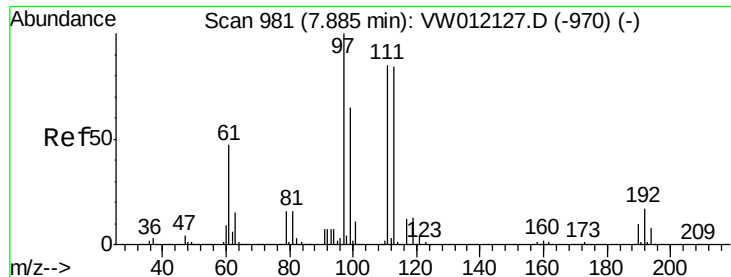
Tot Ion: 65 Resp: 159794
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012155.D
 Acq: 24 Aug 2019 01:00

Tgt Ion: 114 Resp: 408350
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.523 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012155.D

Acq: 24 Aug 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

T1-2-A-(0)

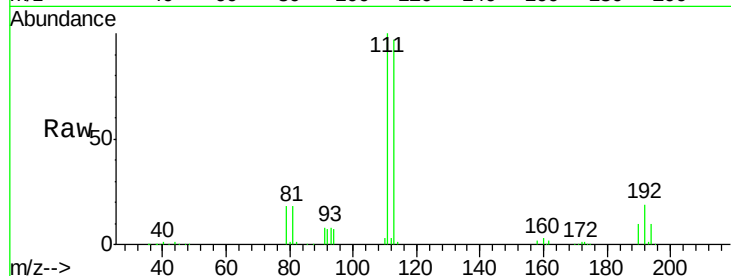
Tot Ion:113 Resp: 125585

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

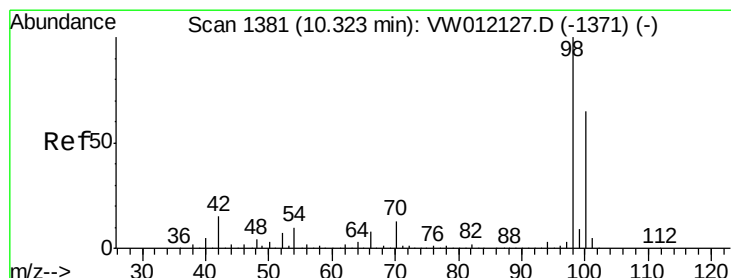
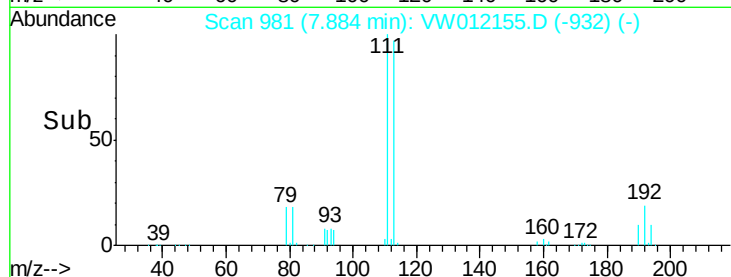
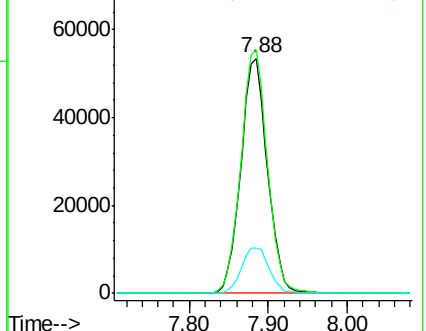
192 20.2 16.2 24.2



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: 50.750 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012155.D

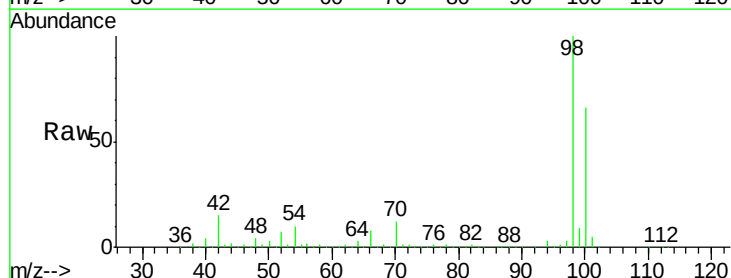
Acq: 24 Aug 2019 01:00

Tgt Ion: 98 Resp: 501571

Ion Ratio Lower Upper

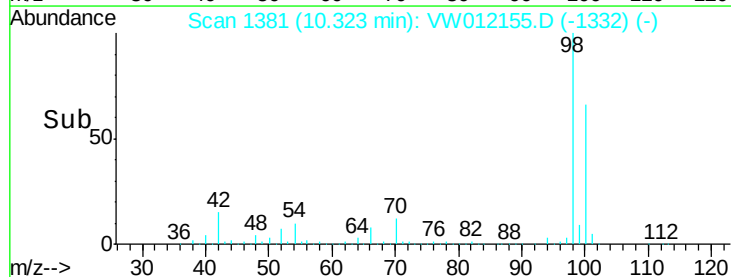
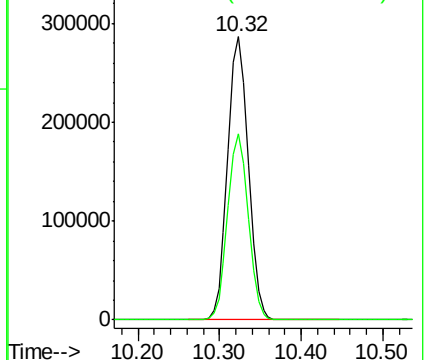
98 100

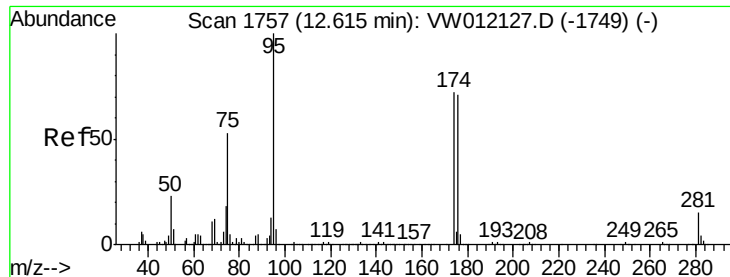
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

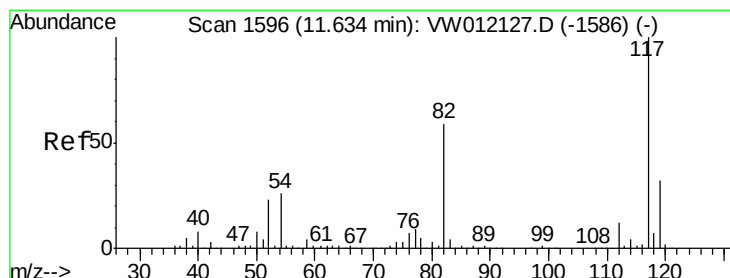
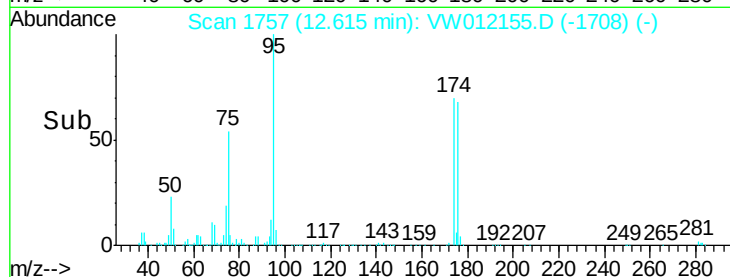
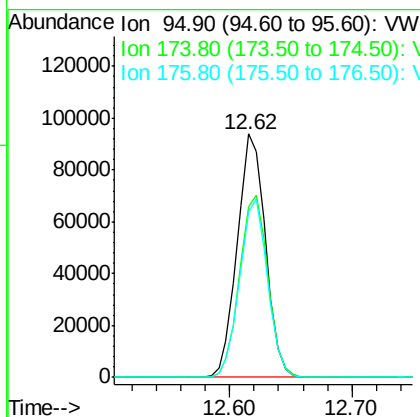
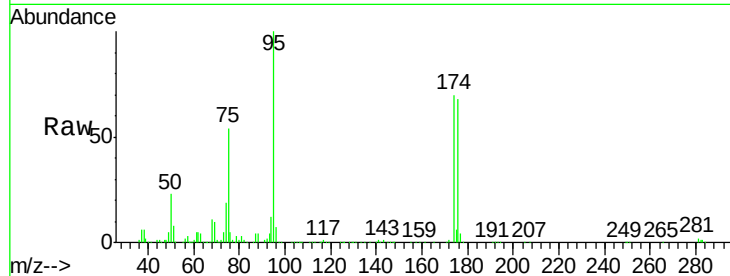




#62
4-Bromofluorobenzene
Concen: 42.967 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012155.D
Acq: 24 Aug 2019 01:00

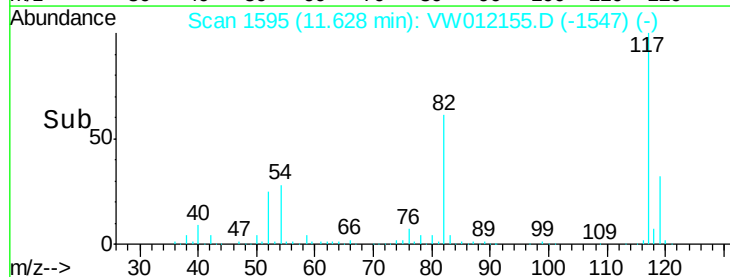
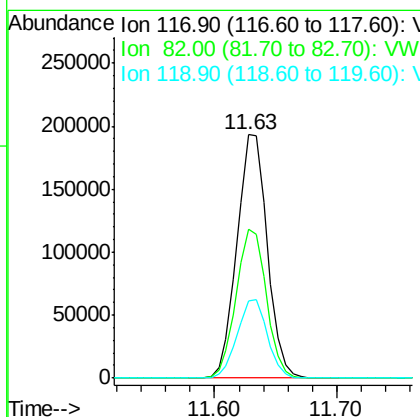
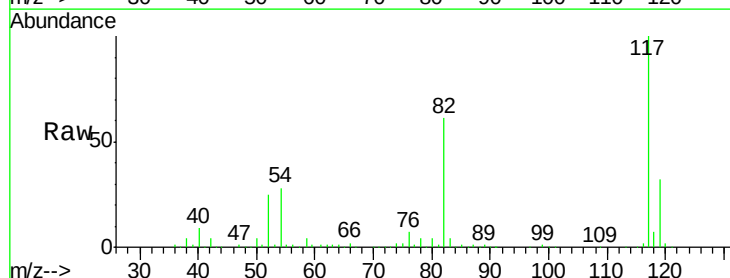
Instrument :
MSVOA_W
ClientSampleId :
T1-2-A-(0)

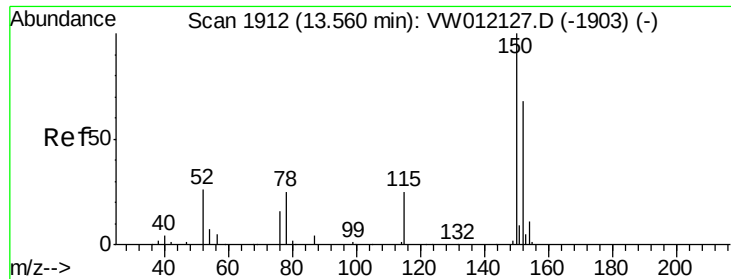
Tot Ion	95	Resp	149687
Ion Ratio	100	Lower	Upper
174	76.0	0.0	150.8
176	72.7	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012155.D
Acq: 24 Aug 2019 01:00

Tgt Ion	117	Resp	332026
Ion Ratio	100	Lower	Upper
82	61.3	47.4	71.2
119	31.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012155.D

Acq: 24 Aug 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

T1-2-A-(0)

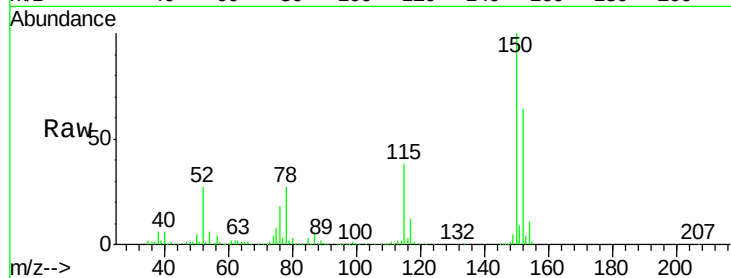
Tot Ion:152 Resp: 124208

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

150 156.7 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

