

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012149.D
 Acq On : 23 Aug 2019 22:25
 Operator : SY/VA
 Sample : K4474-12
 Misc : 5.59G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K2-(0)

Quant Time: Aug 26 08:10:54 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

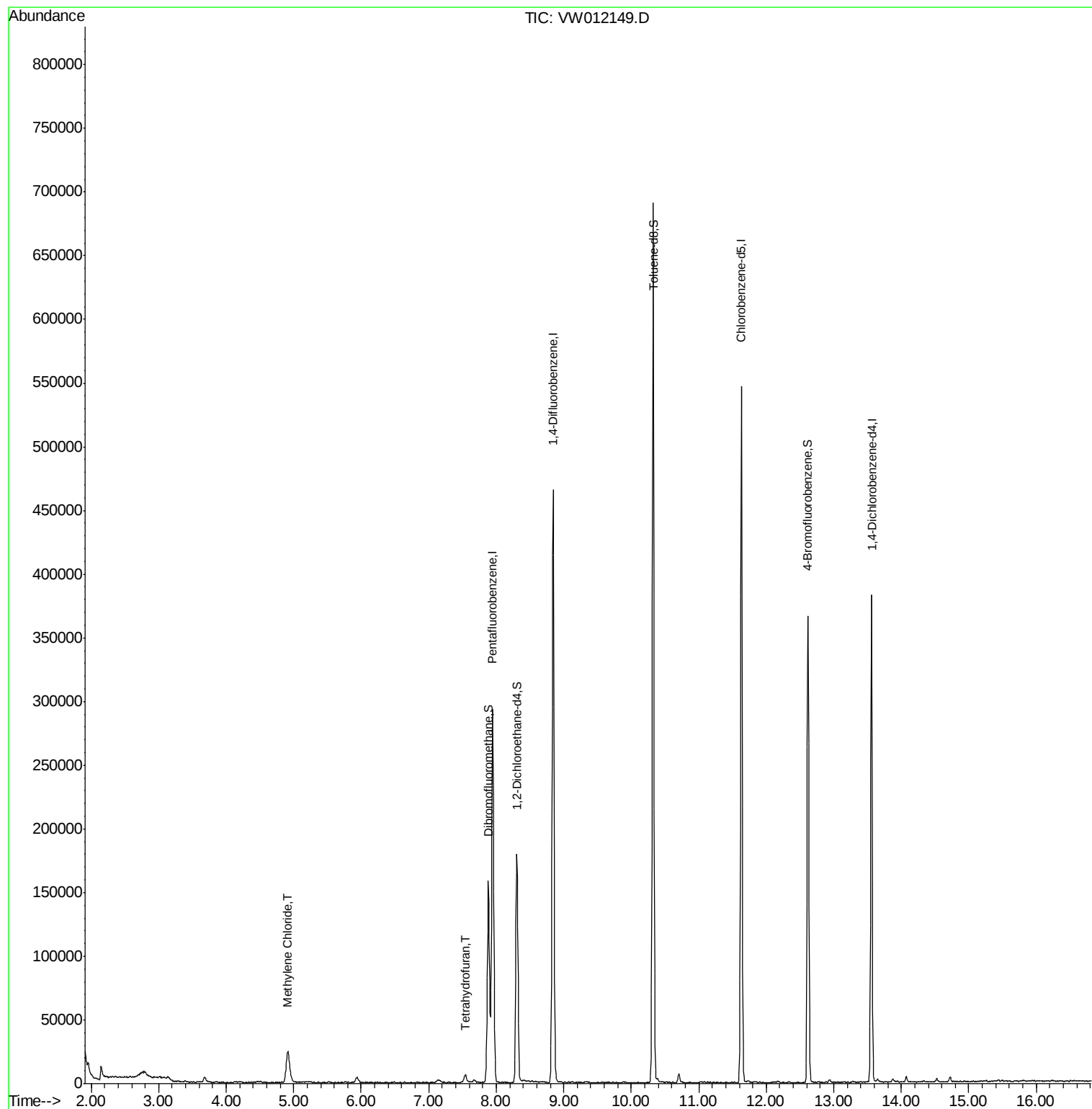
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141514	56.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.72%	
35) Dibromofluoromethane	7.88	113	110608	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	10.32	98	429192	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.62	95	121095	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	
Target Compounds						
20) Methylene Chloride	4.92	84	19338	8.041	ug/l	94
29) Tetrahydrofuran	7.54	42	5285	10.190	ug/l	95

(#) = 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: VW012149.D

Acq: 23 Aug 2019 22:25

Instrument :

MSVOA_W

ClientSampleId :

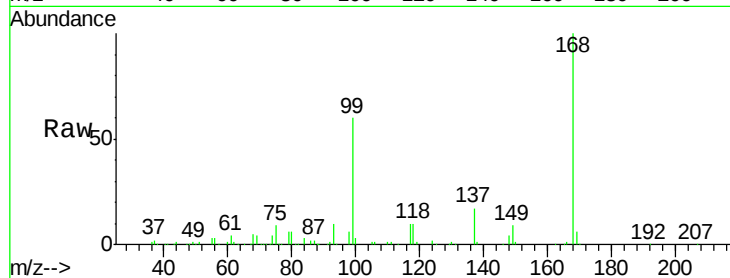
T1-2-K2-(0)

Tot Ion:168 Resp: 209351

Ion Ratio Lower Upper

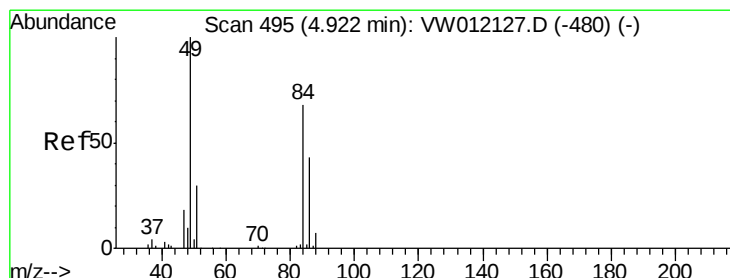
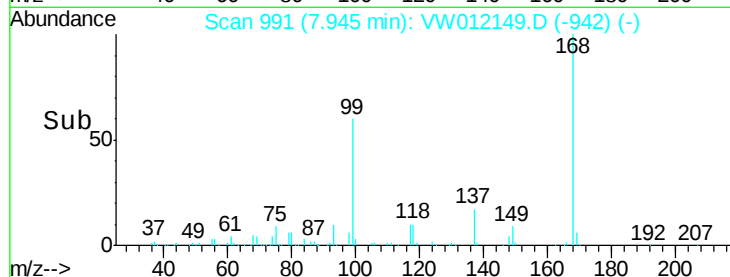
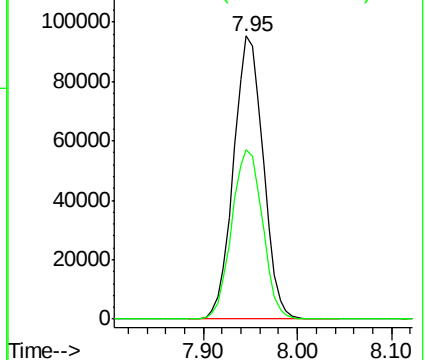
168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.041 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012149.D

Acq: 23 Aug 2019 22:25

Tgt Ion: 84 Resp: 19338

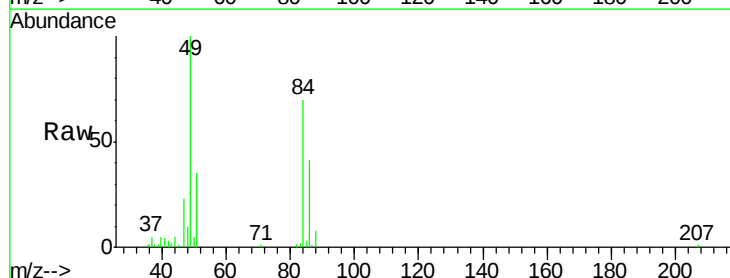
Ion Ratio Lower Upper

84 100

49 142.0 117.8 176.8

51 49.2 35.6 53.4

86 58.2 51.2 76.8

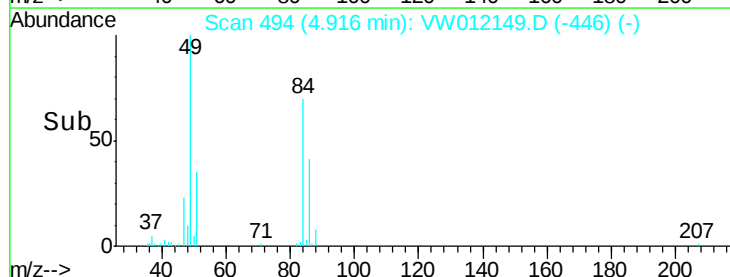
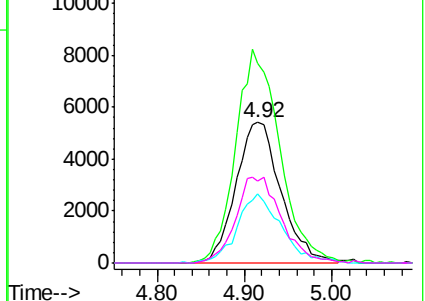


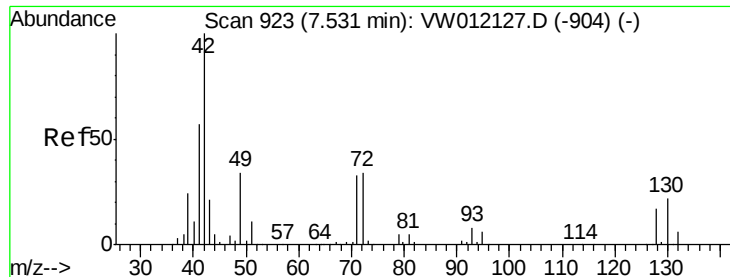
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 10.190 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012149.D

Acq: 23 Aug 2019 22:25

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K2-(0)

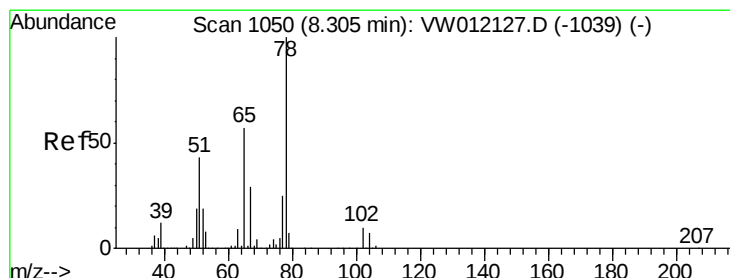
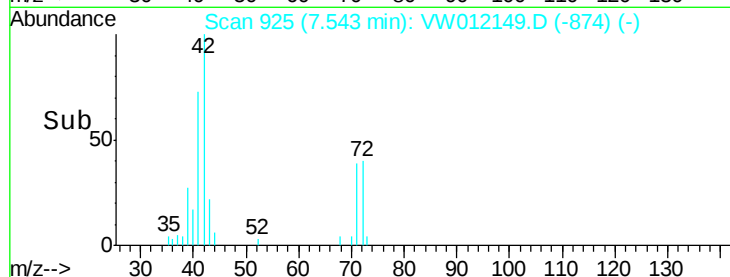
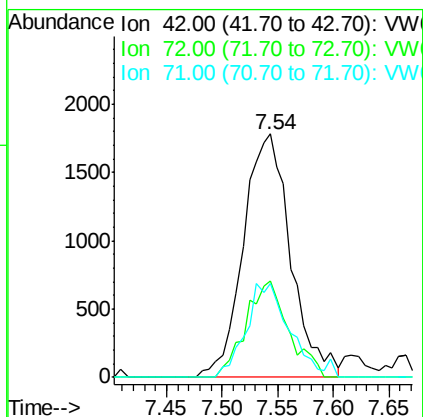
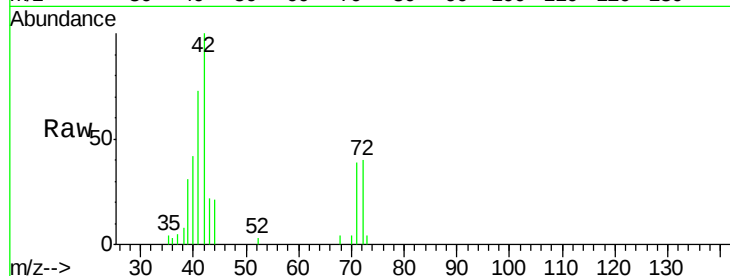
Tot Ion: 42 Resp: 5285

Ion Ratio Lower Upper

42 100

72 35.7 27.3 40.9

71 35.9 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 56.863 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012149.D

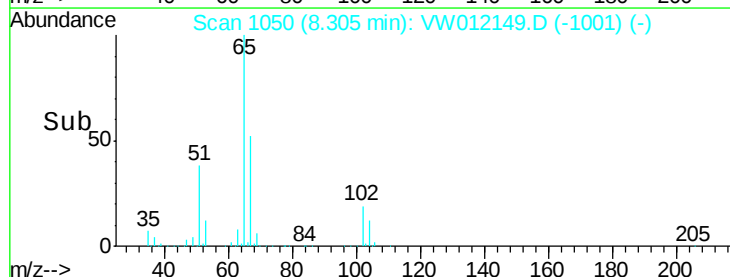
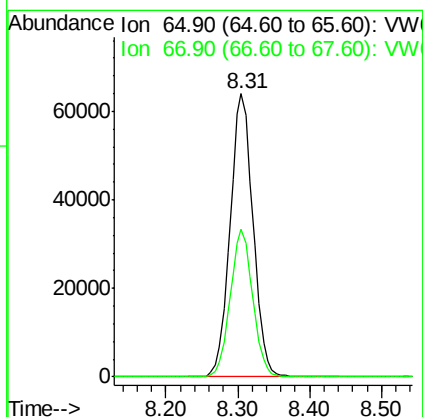
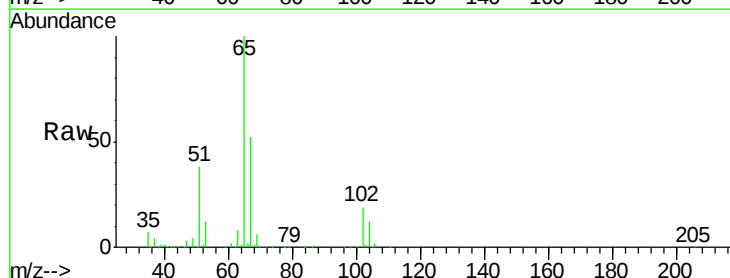
Acq: 23 Aug 2019 22:25

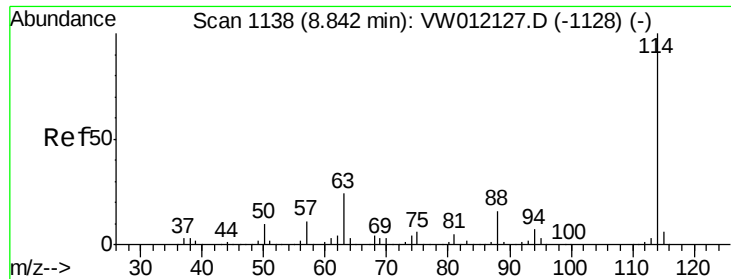
Tgt Ion: 65 Resp: 141514

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6

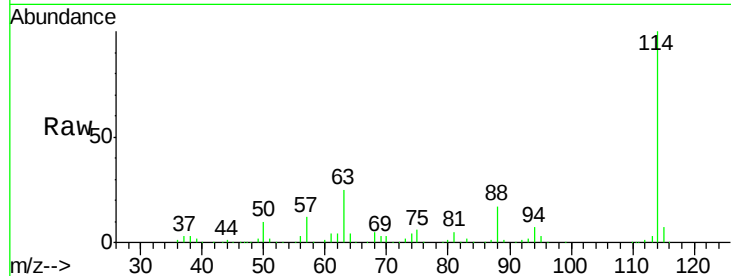




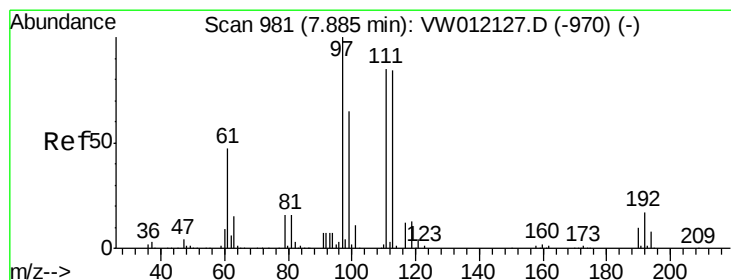
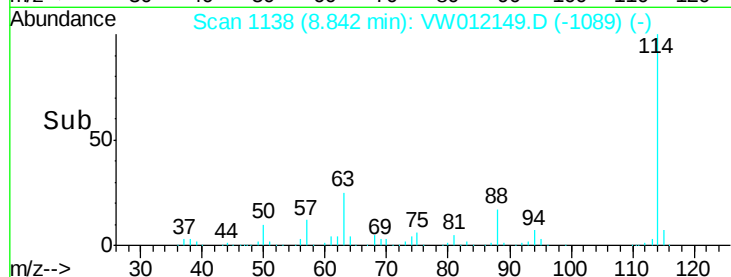
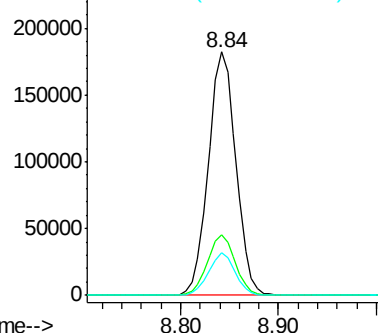
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012149.D
 Acq: 23 Aug 2019 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K2-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.6
88	17.3	0.0	32.2

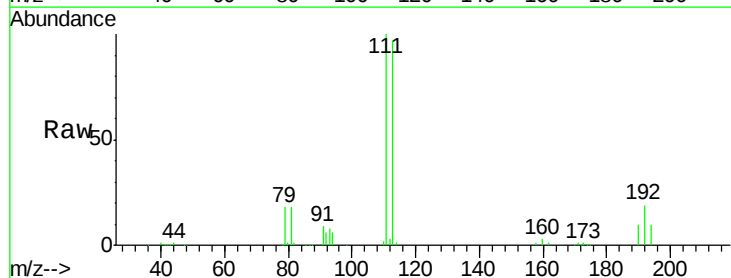


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

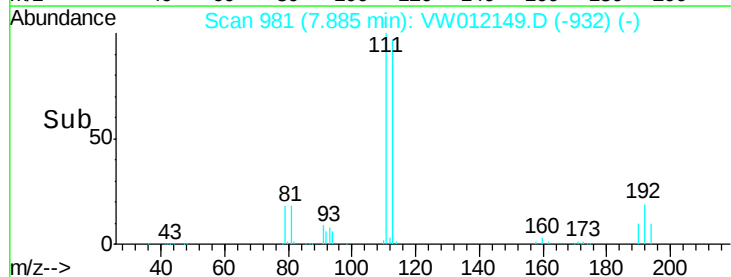
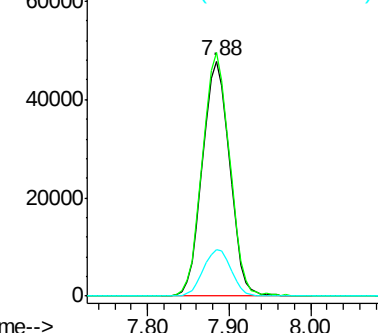


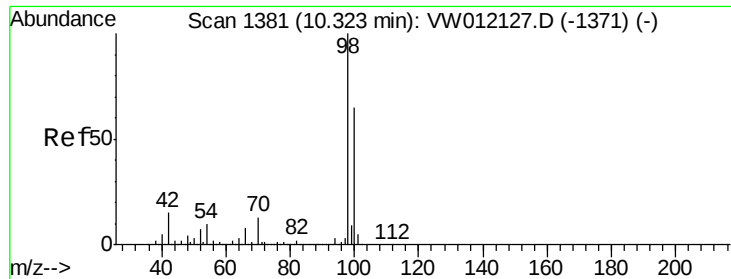
#35
 Dibromofluoromethane
 Concen: 52.032 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012149.D
 Acq: 23 Aug 2019 22:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.3	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: 49.794 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012149.D

Acq: 23 Aug 2019 22:25

Instrument :

MSVOA_W

ClientSampled :

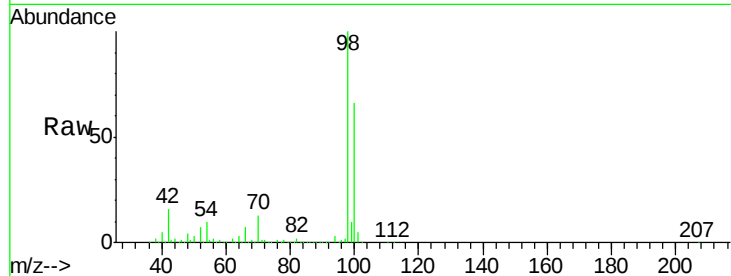
T1-2-K2-(0)

Tot Ion: 98 Resp: 429192

Ion Ratio Lower Upper

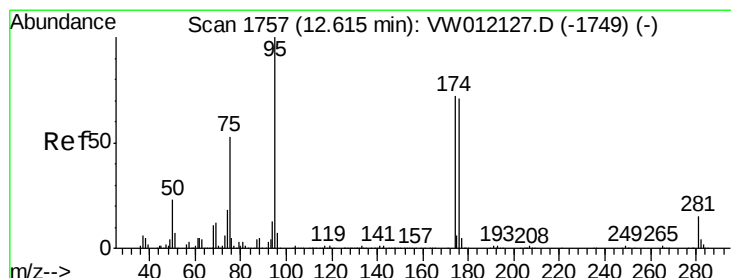
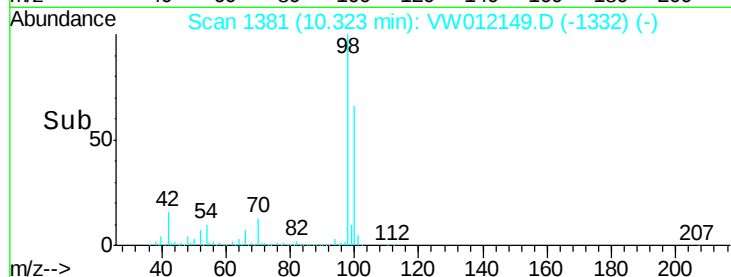
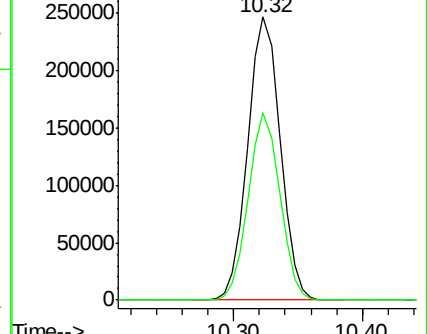
98 100

100 64.9 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: 39.856 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012149.D

Acq: 23 Aug 2019 22:25

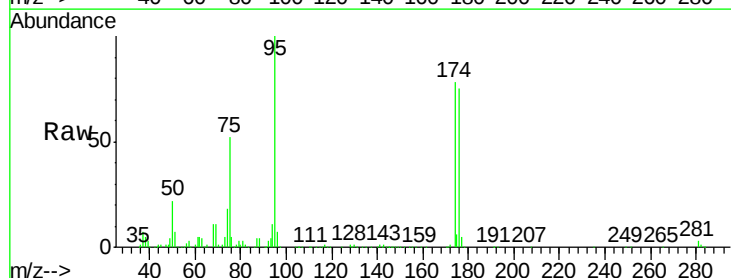
Tgt Ion: 95 Resp: 121095

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.8

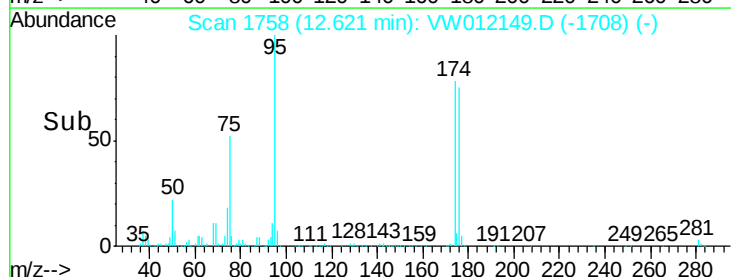
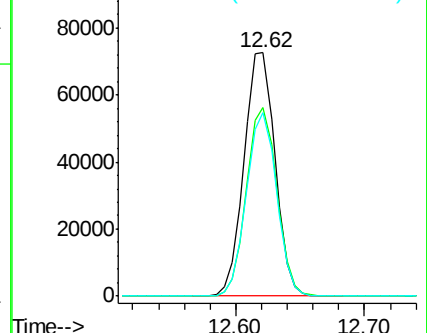
176 73.1 0.0 148.6

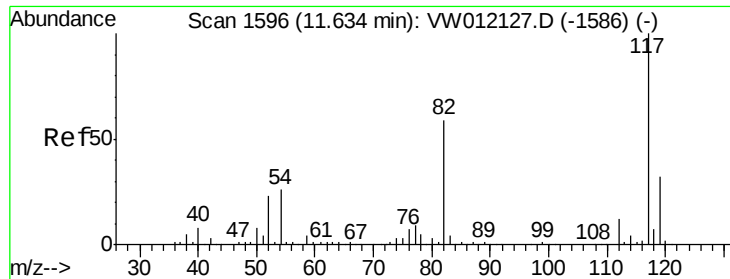


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

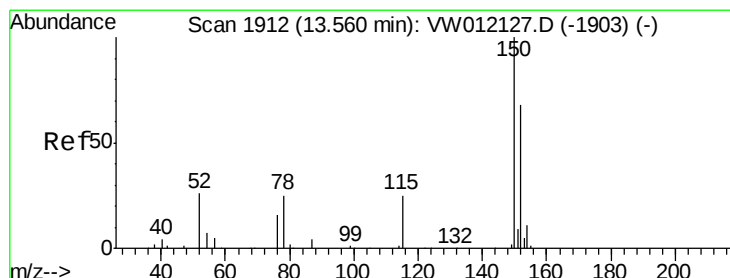
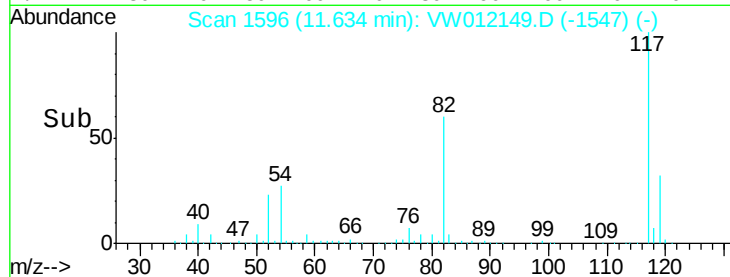
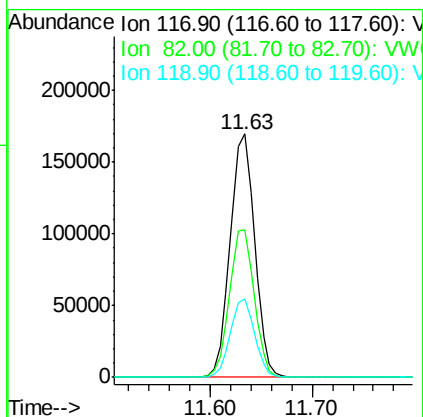
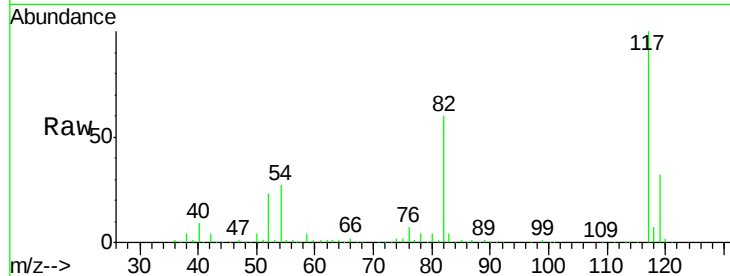




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012149.D
Acq: 23 Aug 2019 22:25

Instrument :
MSVOA_W
ClientSampleId :
T1-2-K2-(0)

Tot Ion:117 Resp: 281092
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.3 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: VW012149.D
Acq: 23 Aug 2019 22:25

Tgt Ion:152 Resp: 93135
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 157.6 0.0 345.8

