

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012140.D
 Acq On : 23 Aug 2019 18:32
 Operator : SY/VA
 Sample : K4474-02
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F1-(2.5)

Quant Time: Aug 26 07:50:16 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

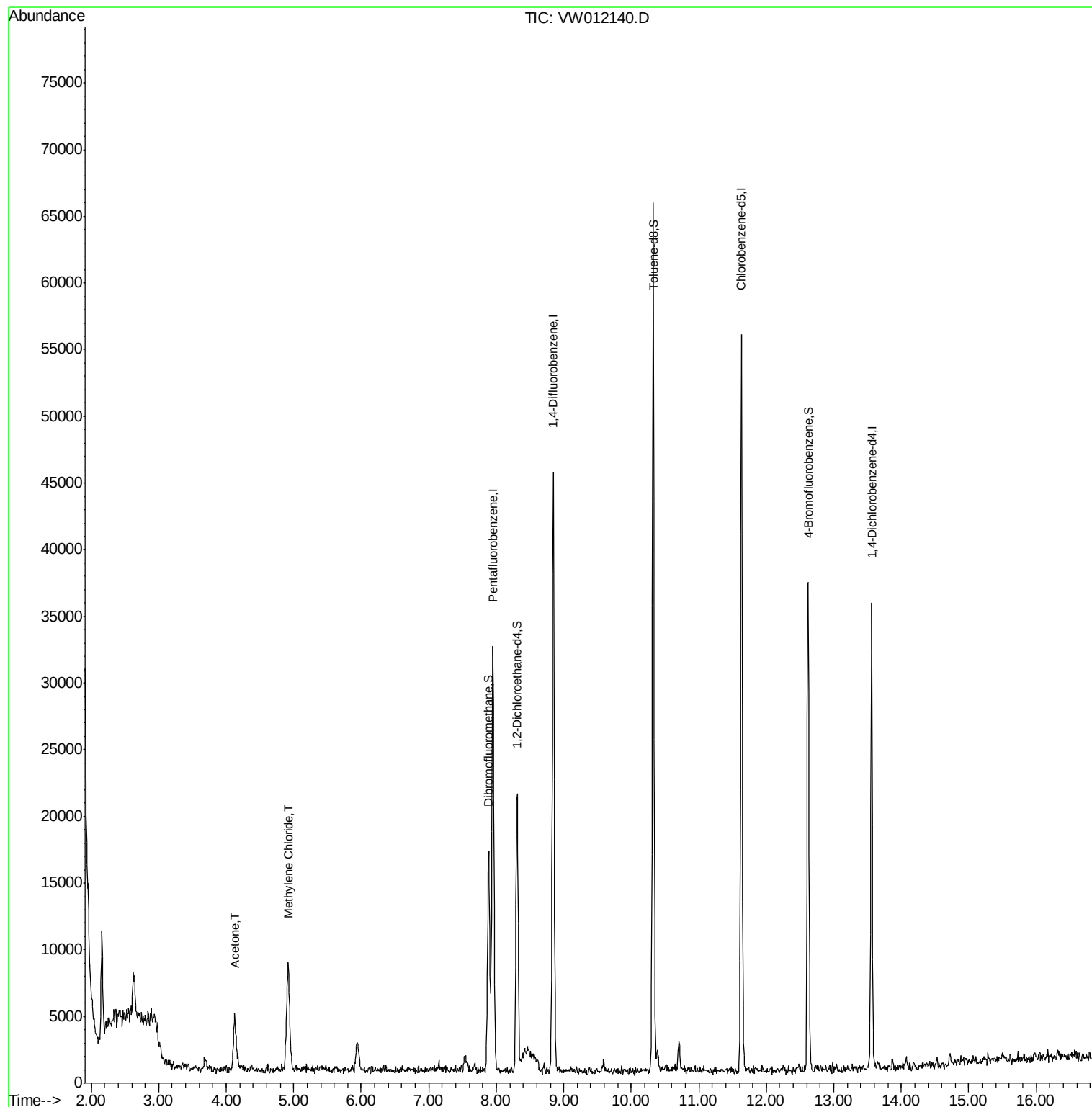
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	23508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	34692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	16553	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
35) Dibromofluoromethane	7.89	113	11942	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
50) Toluene-d8	10.32	98	41443	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.62	95	12091	40.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.70%	
Target Compounds						
16) Acetone	4.13	43	7278	101.884	ug/l	96
20) Methylene Chloride	4.92	84	5161	19.111	ug/l #	81

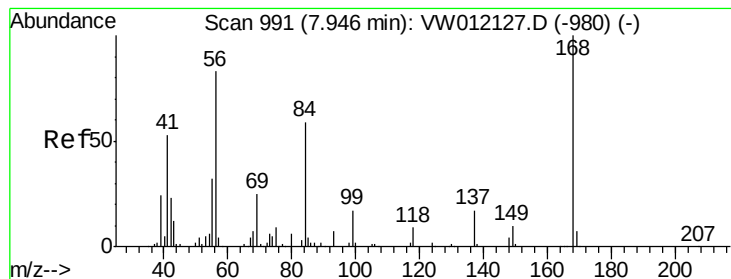
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012140.D

Acq: 23 Aug 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

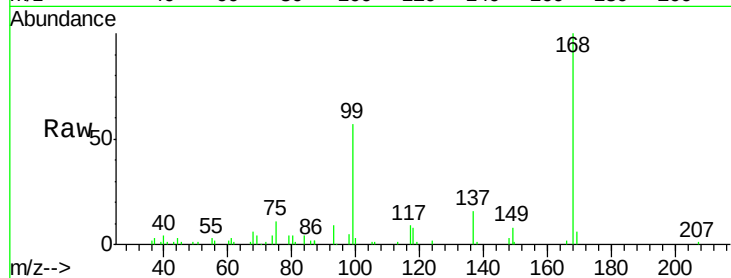
T1-2-F1-(2.5)

Tot Ion:168 Resp: 23508

Ion Ratio Lower Upper

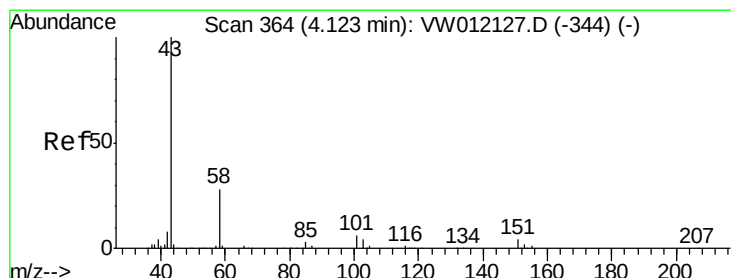
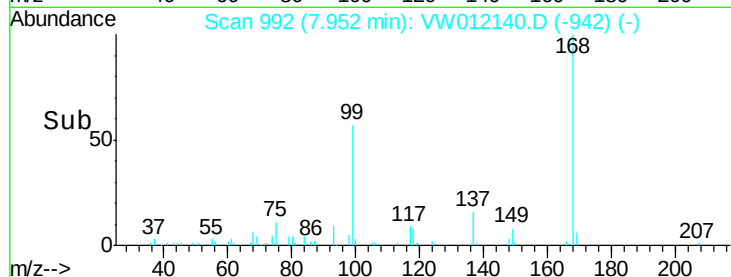
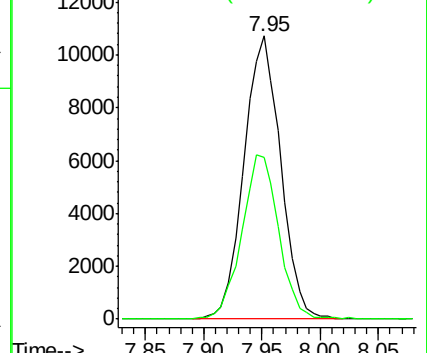
168 100

99 57.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 101.884 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012140.D

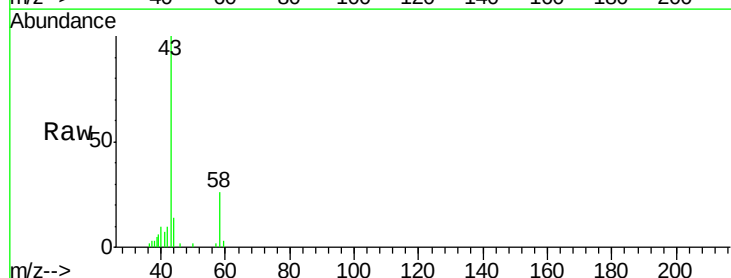
Acq: 23 Aug 2019 18:32

Tgt Ion: 43 Resp: 7278

Ion Ratio Lower Upper

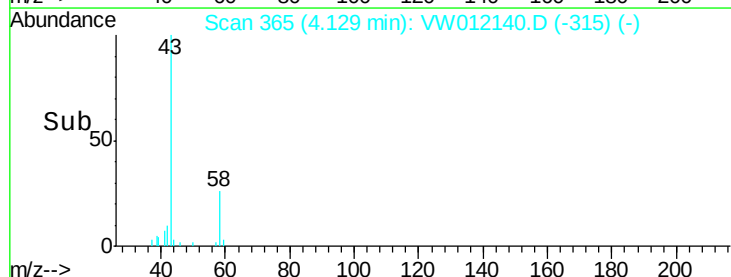
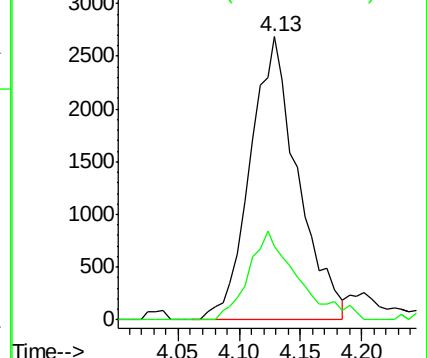
43 100

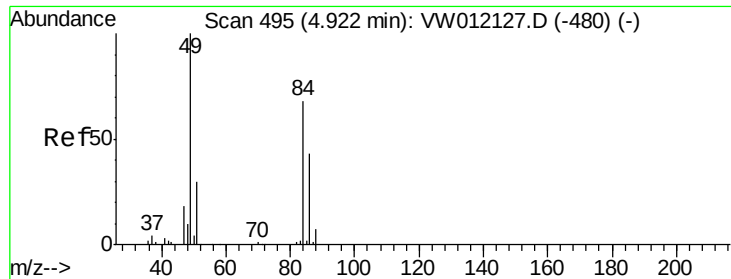
58 26.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

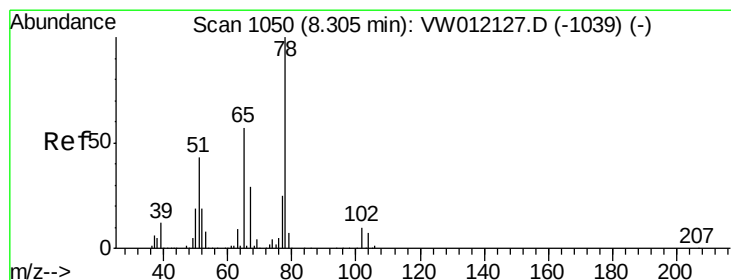
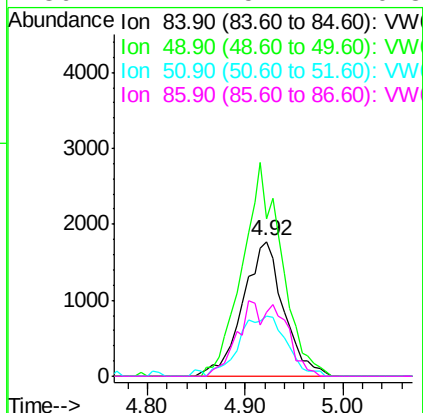
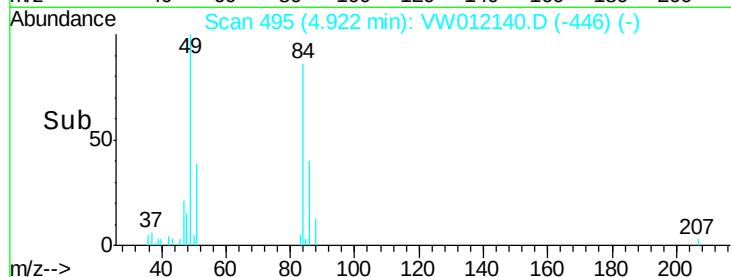
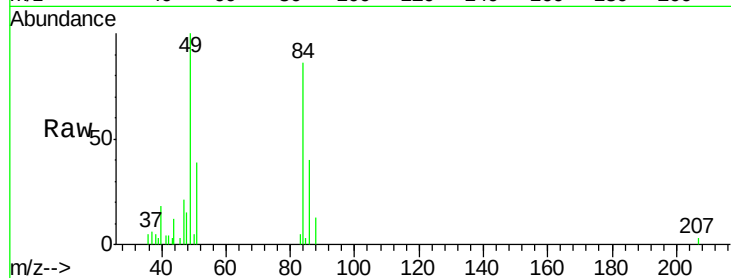




#20
Methylene Chloride
Concen: 19.111 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012140.D
Acq: 23 Aug 2019 18:32

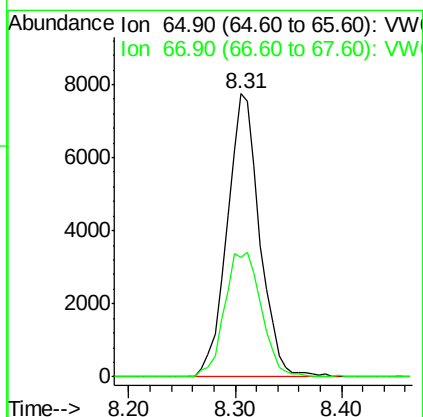
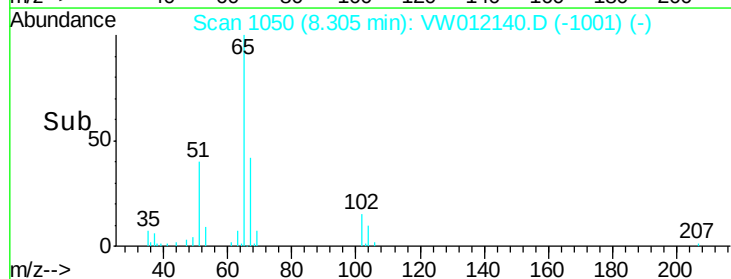
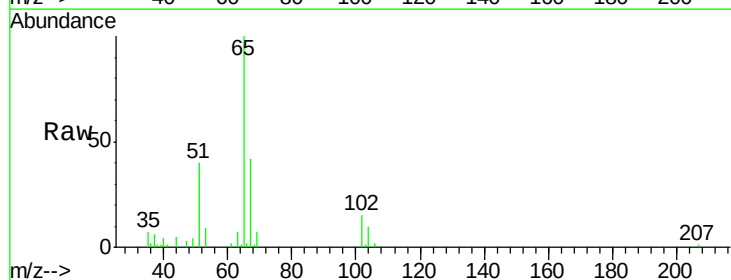
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F1-(2.5)

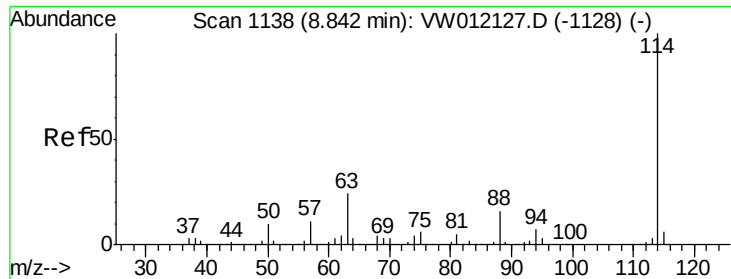
Tot Ion: 84 Resp: 5161
Ion Ratio Lower Upper
84 100
49 116.9 117.8 176.8#
51 45.0 35.6 53.4
86 47.2 51.2 76.8#



#33
1,2-Dichloroethane-d4
Concen: 59.234 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012140.D
Acq: 23 Aug 2019 18:32

Tgt Ion: 65 Resp: 16553
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.6

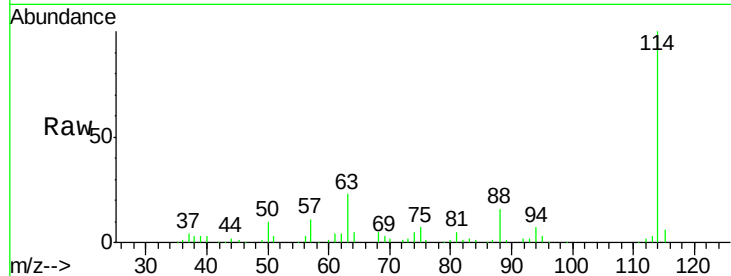




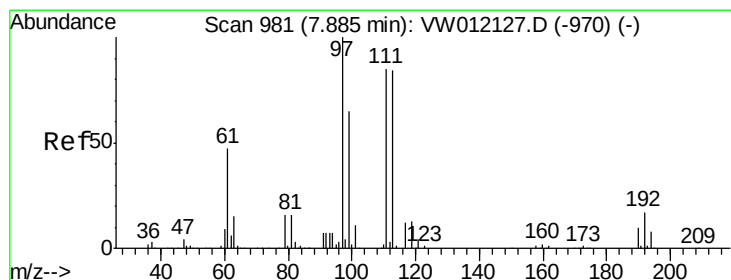
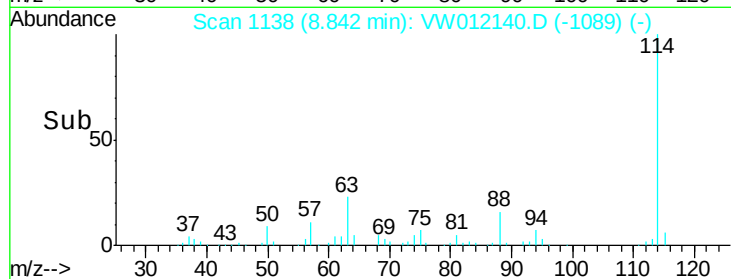
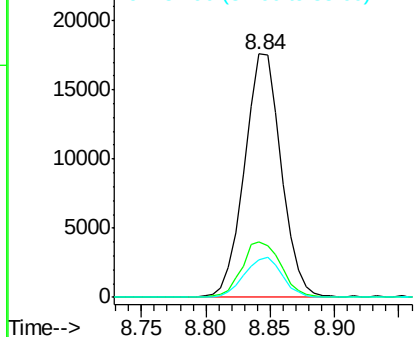
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012140.D
 Acq: 23 Aug 2019 18:32

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F1-(2.5)

Tot Ion:114 Resp: 34692
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 48.6
 88 15.6 0.0 32.2

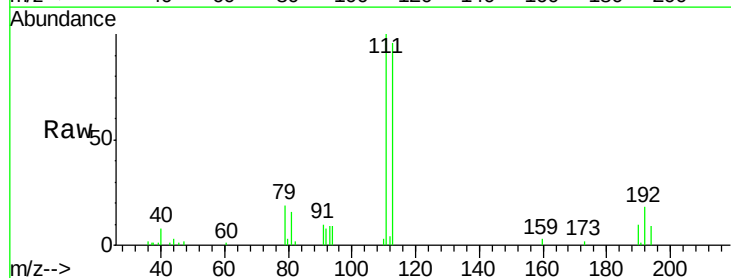


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

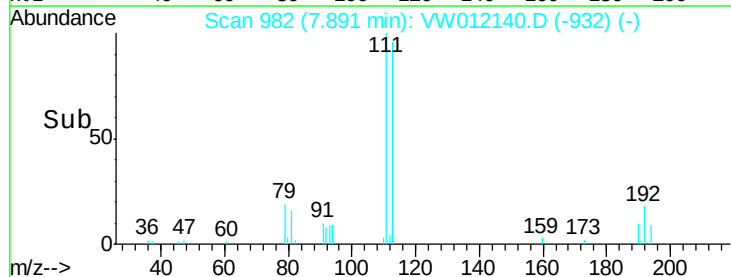
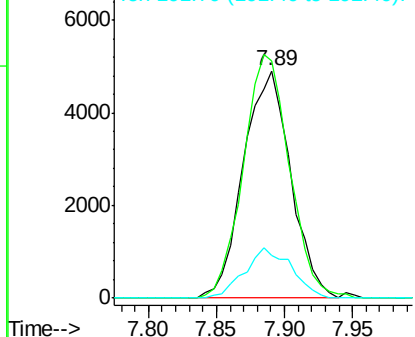


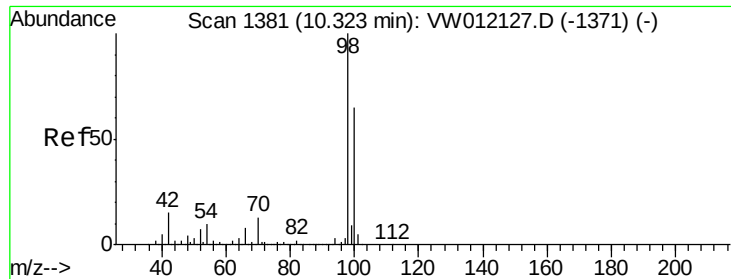
#35
 Dibromofluoromethane
 Concen: 57.669 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW012140.D
 Acq: 23 Aug 2019 18:32

Tgt Ion:113 Resp: 11942
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.7 124.1
 192 21.8 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: 49.358 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012140.D

Acq: 23 Aug 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

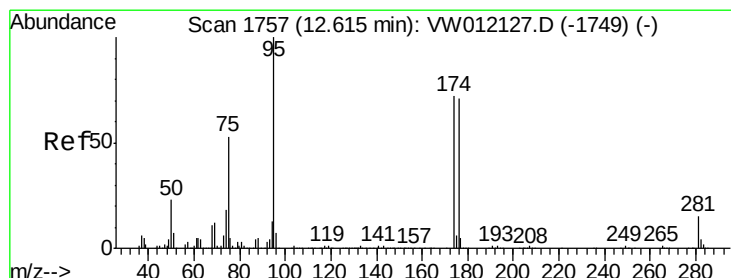
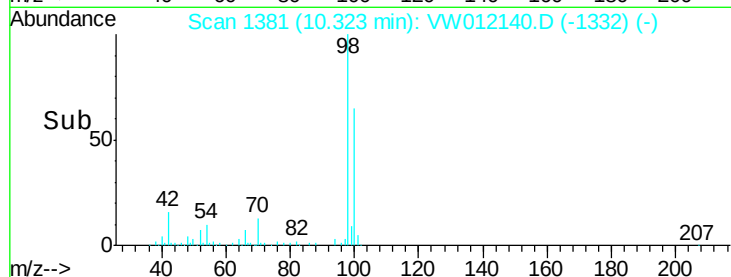
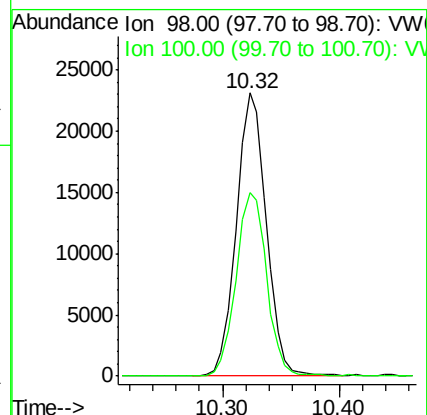
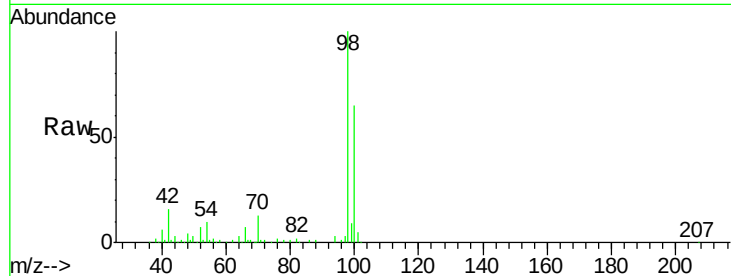
T1-2-F1-(2.5)

Tot Ion: 98 Resp: 41443

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 40.852 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012140.D

Acq: 23 Aug 2019 18:32

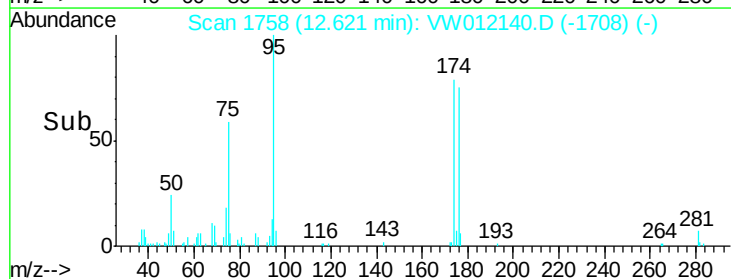
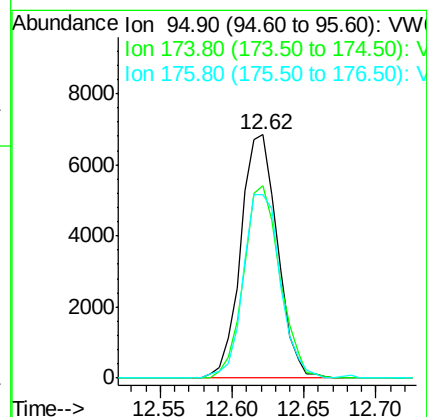
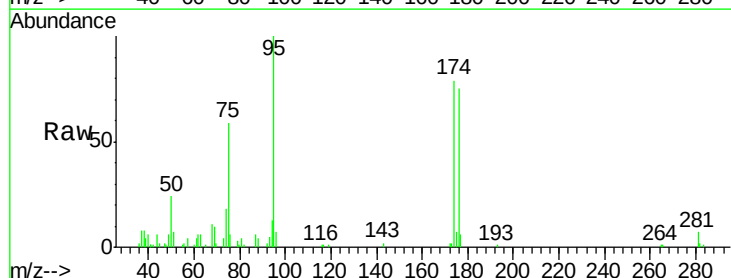
Tgt Ion: 95 Resp: 12091

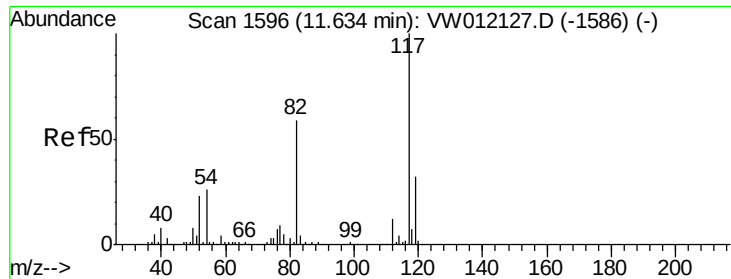
Ion Ratio Lower Upper

95 100

174 78.0 0.0 150.8

176 75.9 0.0 148.6

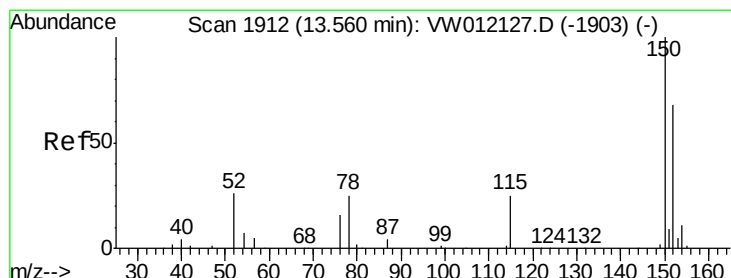
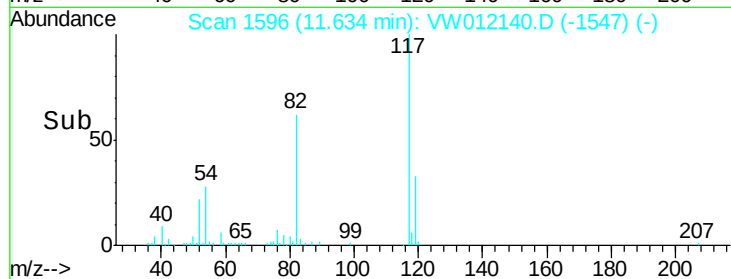
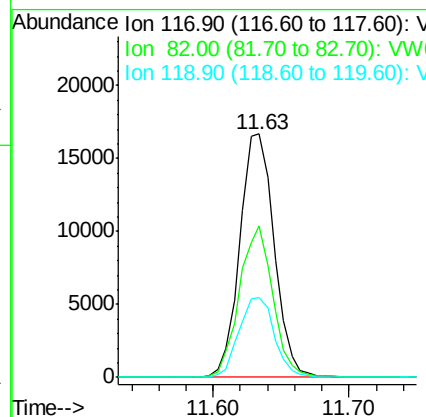
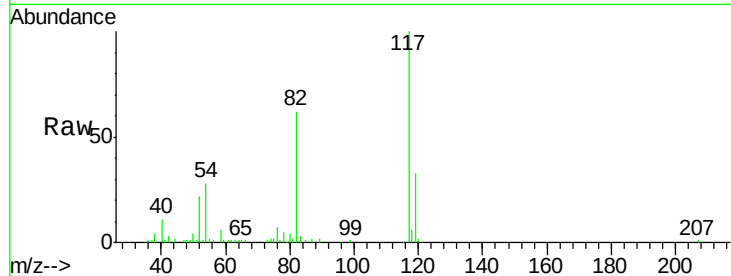




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012140.D
Acq: 23 Aug 2019 18:32

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F1-(2.5)

Tot Ion:117 Resp: 29502
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 32.8 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: VW012140.D
Acq: 23 Aug 2019 18:32

Tgt Ion:152 Resp: 8499
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 156.4 0.0 345.8

