

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012038.D
 Acq On : 20 Aug 2019 19:12
 Operator : SY/VA
 Sample : K4388-17
 Misc : 3.36G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-E1-(0)

Quant Time: Aug 21 02:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

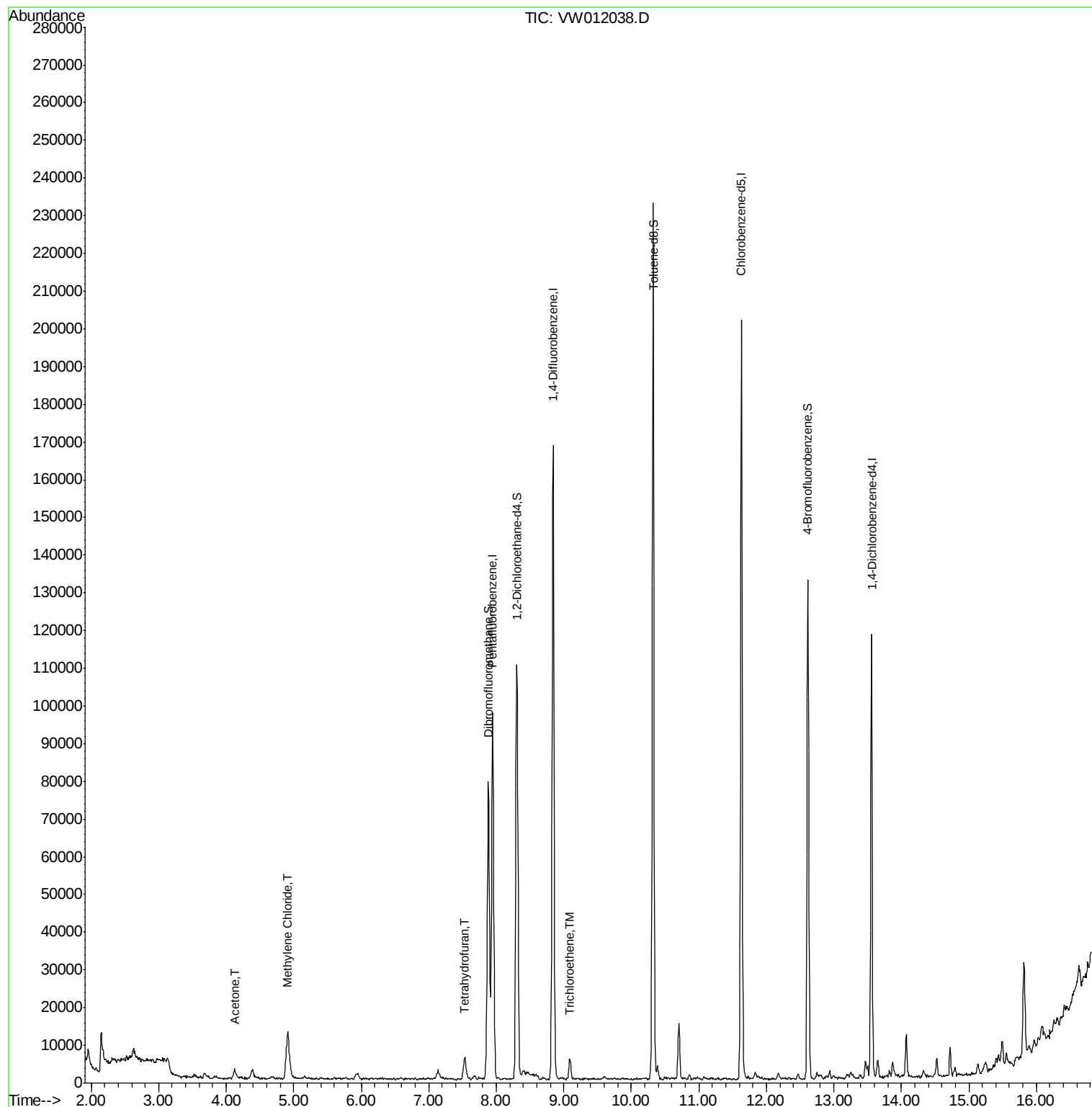
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	89051	106.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	213.34%	
35) Dibromofluoromethane	7.88	113	57338	78.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.52%	
50) Toluene-d8	10.32	98	144349	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.62	95	40235	37.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.24%	
Target Compounds						
16) Acetone	4.13	43	4921	18.531	ug/l	98
20) Methylene Chloride	4.92	84	9057	9.889	ug/l	94
29) Tetrahydrofuran	7.53	42	4844	24.387	ug/l	96
44) Trichloroethene	9.09	130	1833	2.005	ug/l	79

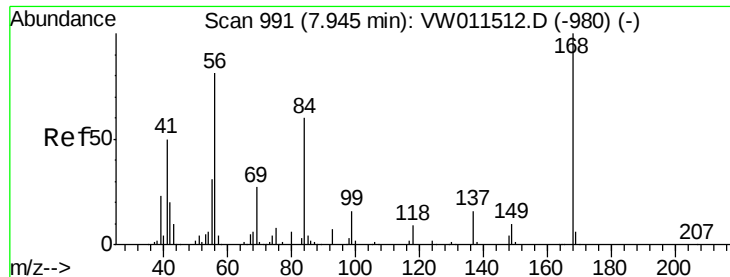
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012038.D

Acq: 20 Aug 2019 19:12

Instrument :

MSVOA_W

ClientSampleId :

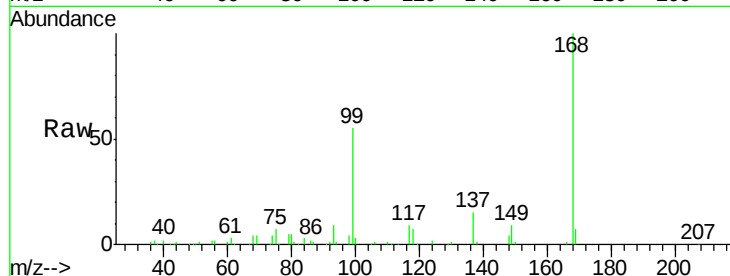
T6-E1-(0)

Tot Ion:168 Resp: 72703

Ion Ratio Lower Upper

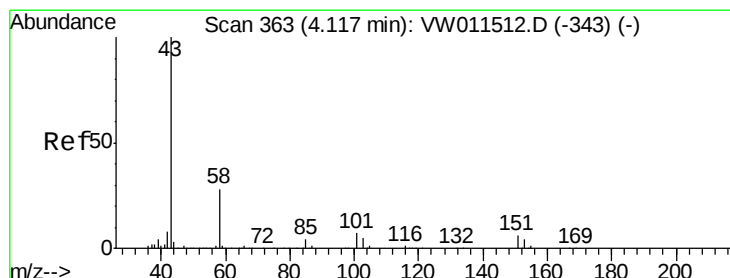
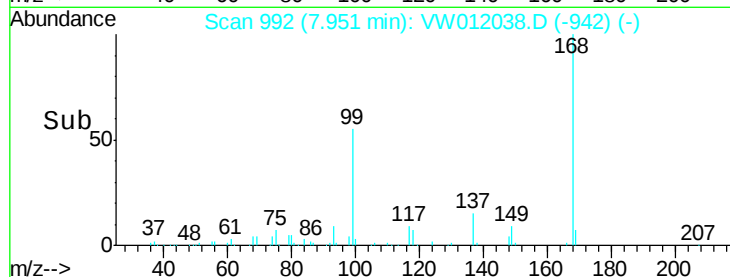
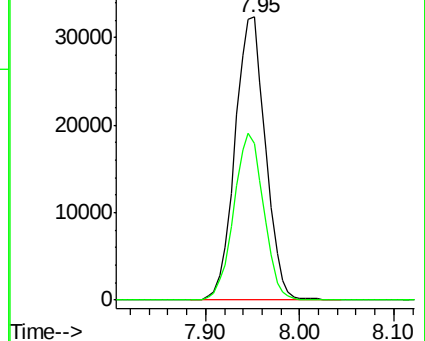
168 100

99 55.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 18.531 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012038.D

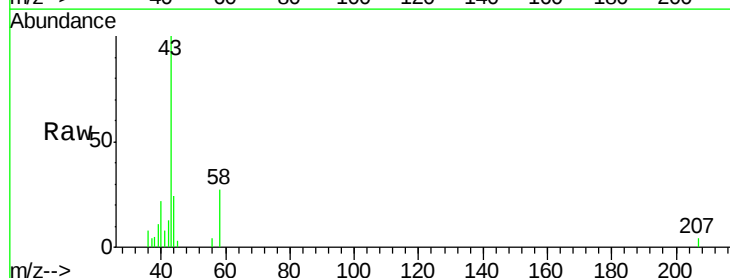
Acq: 20 Aug 2019 19:12

Tgt Ion: 43 Resp: 4921

Ion Ratio Lower Upper

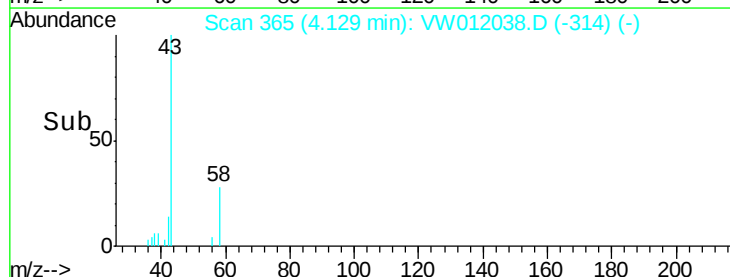
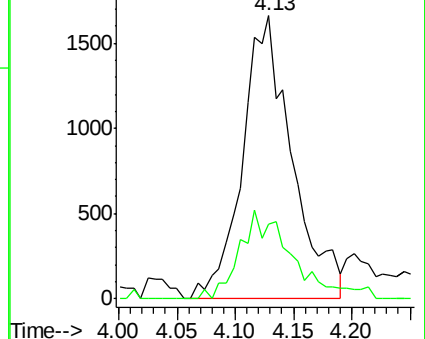
43 100

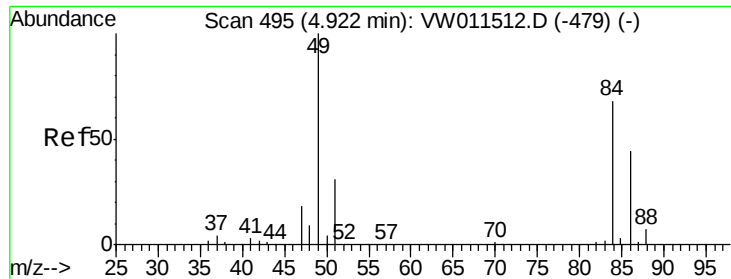
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

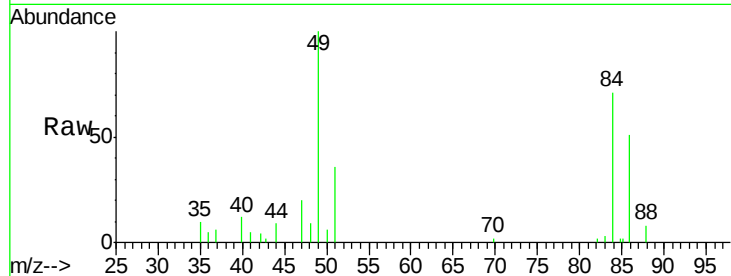




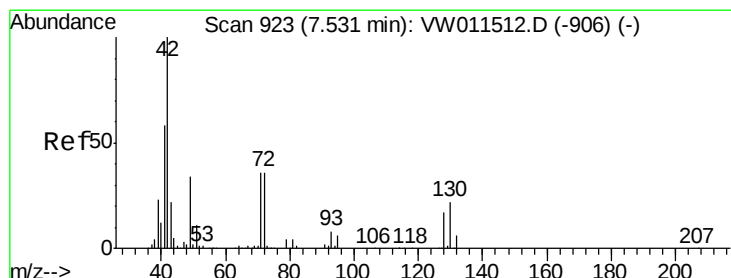
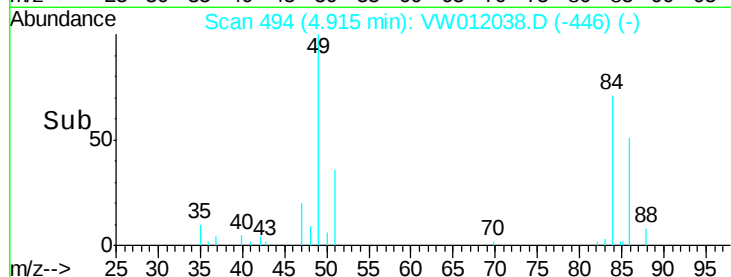
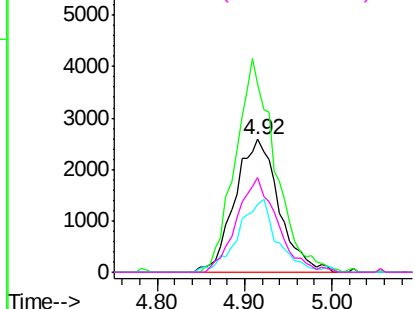
#20
Methvlene Chloride
Concen: 9.889 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012038.D
Acq: 20 Aug 2019 19:12

Instrument :
MSVOA_W
ClientSampleId :
T6-E1-(0)

Tot Ion:	84	Resp:	9057
Ion	Ratio	Lower	Upper
84	100		
49	141.5	117.8	176.6
51	50.8	37.0	55.4
86	71.5	51.8	77.8

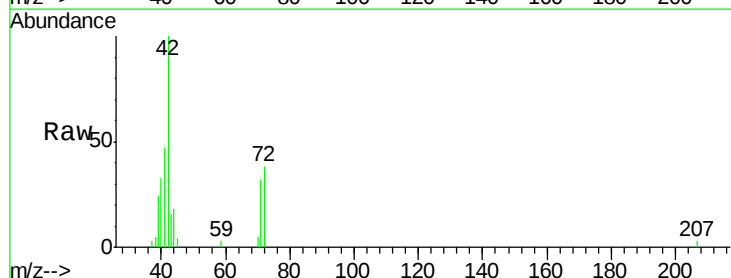


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

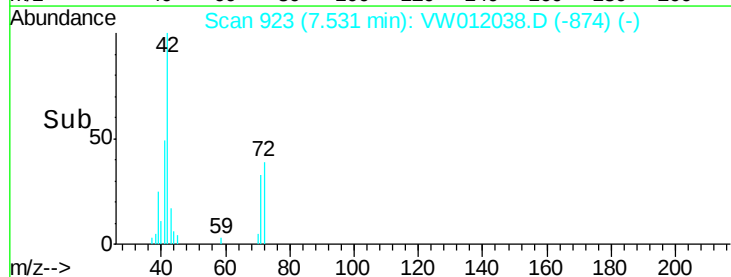
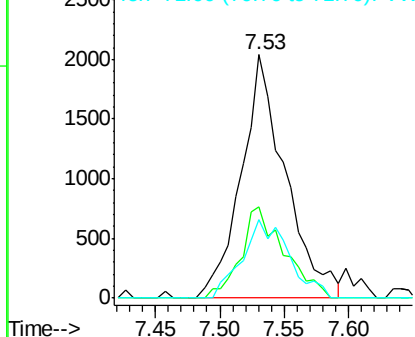


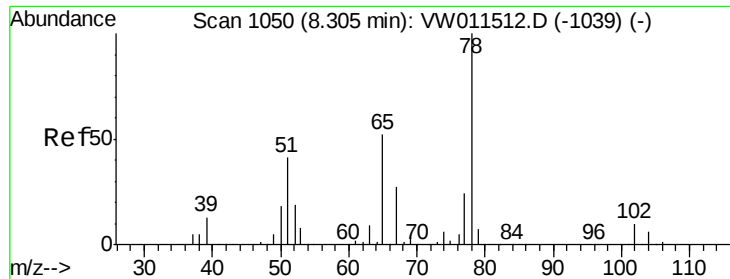
#29
Tetrahydrofuran
Concen: 24.387 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012038.D
Acq: 20 Aug 2019 19:12

Tgt Ion:	42	Resp:	4844
Ion	Ratio	Lower	Upper
42	100		
72	36.7	27.1	40.7
71	34.1	26.2	39.4



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

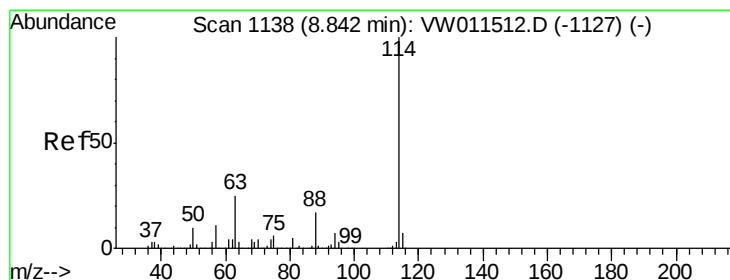
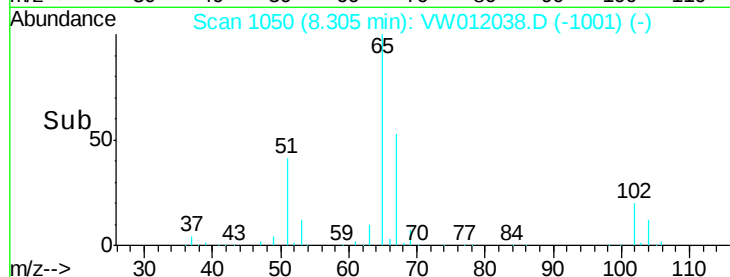
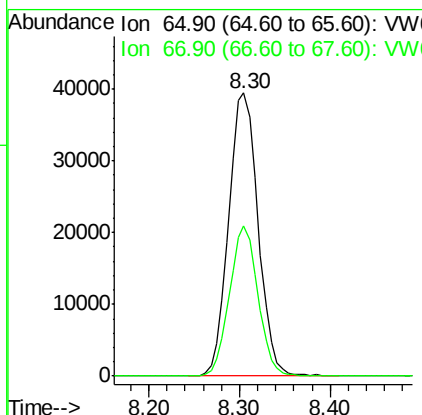
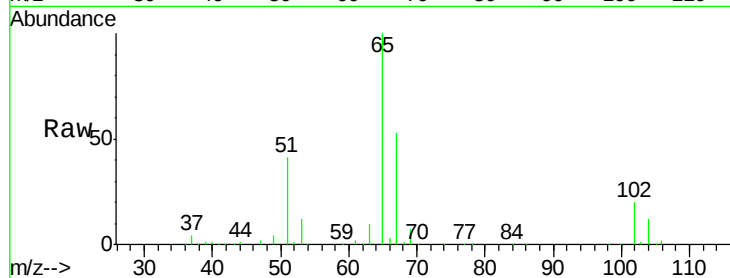




#33
 1,2-Dichloroethane-d4
 Concen: 106.669 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012038.D
 Acq: 20 Aug 2019 19:12

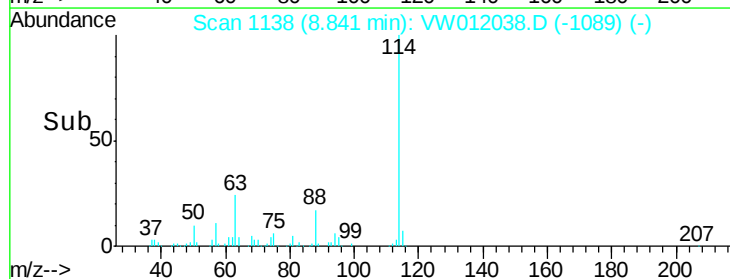
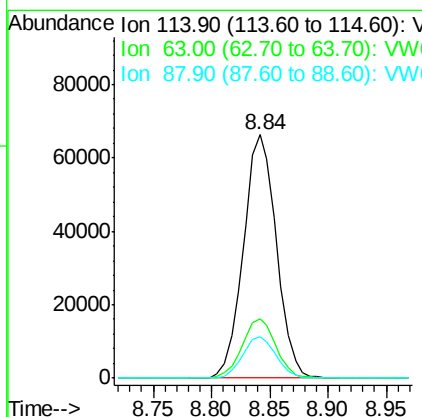
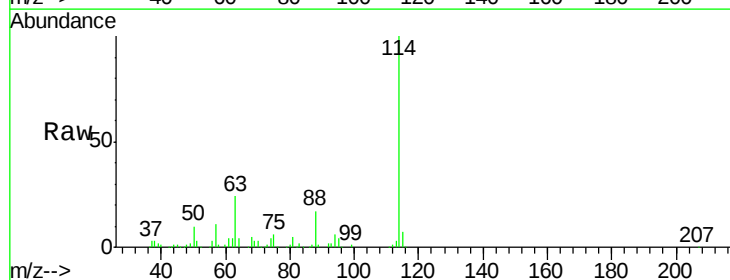
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-E1-(0)

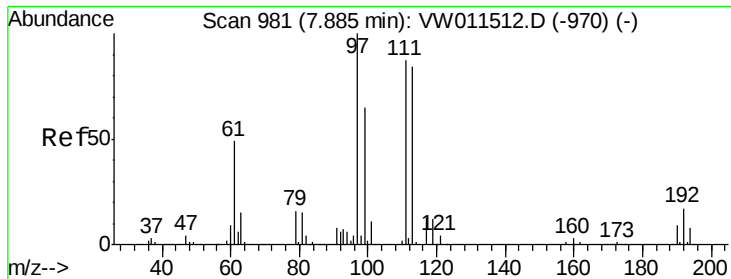
Tot Ion: 65 Resp: 89051
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012038.D
 Acq: 20 Aug 2019 19:12

Tgt Ion: 114 Resp: 130596
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.0 0.0 33.8

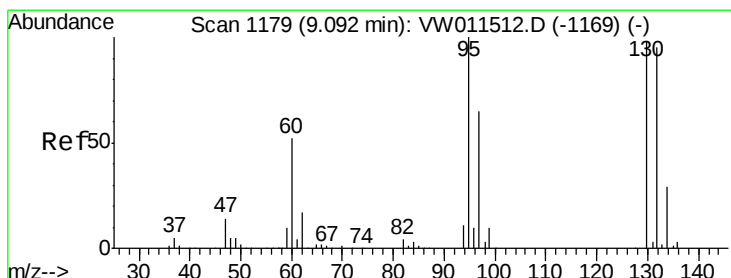
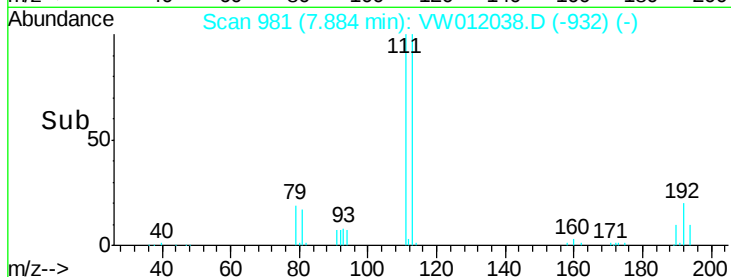
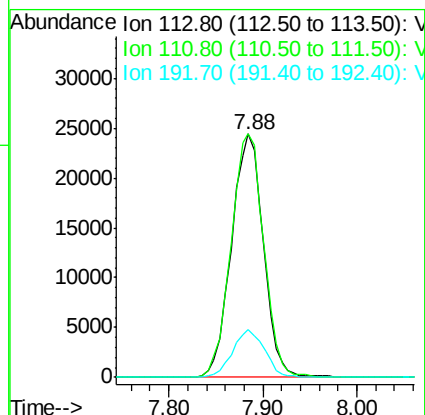
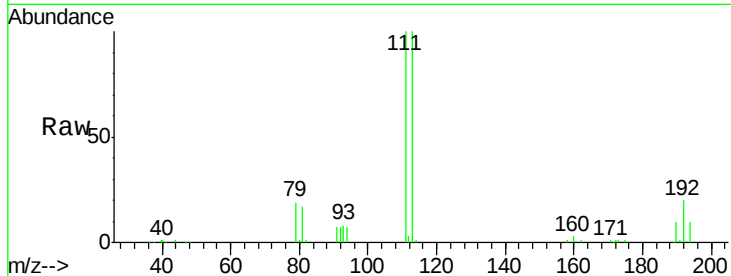




#35
 Dibromofluoromethane
 Concen: 78.259 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012038.D
 Acq: 20 Aug 2019 19:12

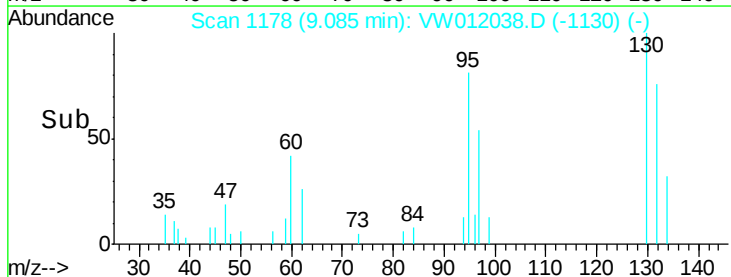
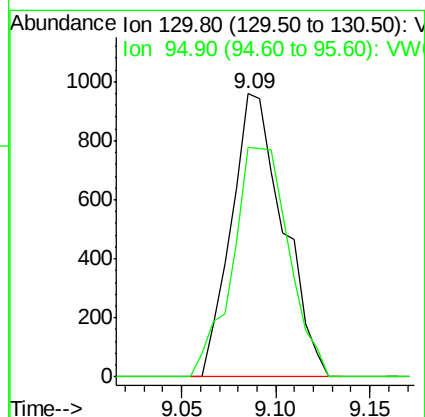
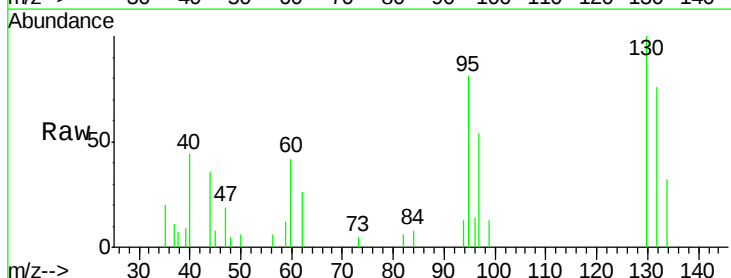
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-E1-(0)

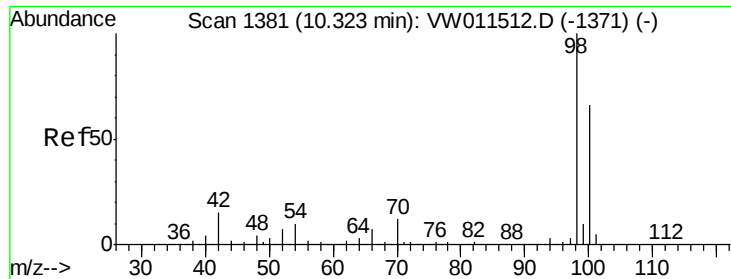
Tot Ion:113 Resp: 57338
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.7 124.1
 192 19.8 16.1 24.1



#44
 Trichloroethene
 Concen: 2.005 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW012038.D
 Acq: 20 Aug 2019 19:12

Tgt Ion:130 Resp: 1833
 Ion Ratio Lower Upper
 130 100
 95 81.3 0.0 204.8





#50

Toluene-d8

Concen: 48.120 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012038.D

Acq: 20 Aug 2019 19:12

Instrument :

MSVOA_W

ClientSampleId :

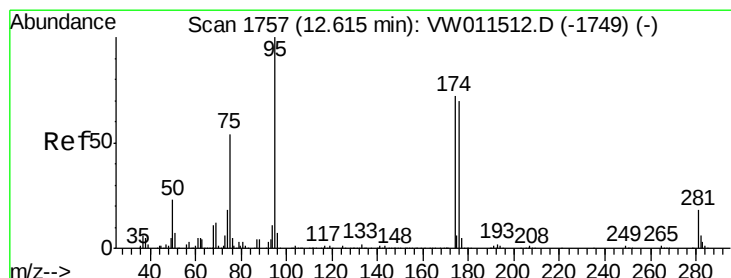
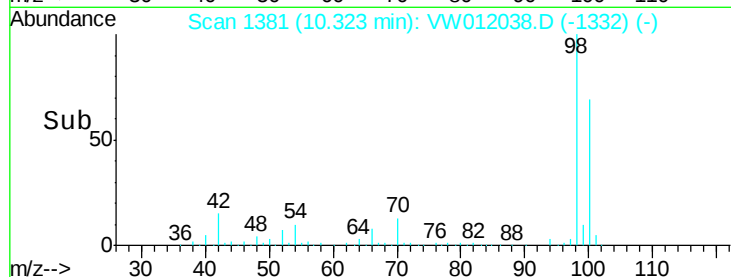
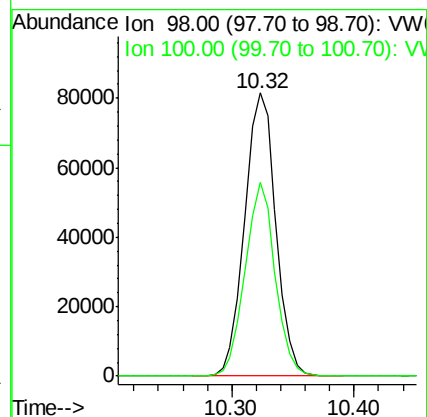
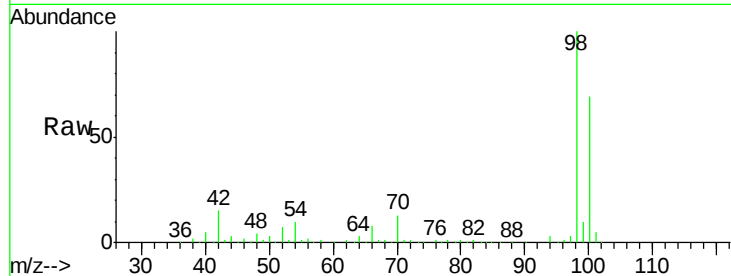
T6-E1-(0)

Tot Ion: 98 Resp: 144349

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 37.621 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012038.D

Acq: 20 Aug 2019 19:12

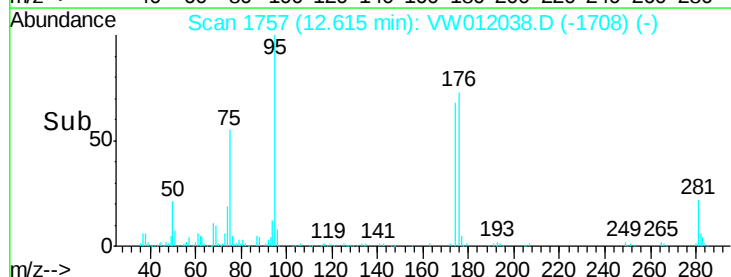
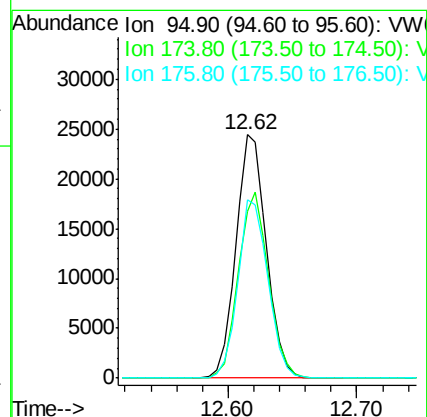
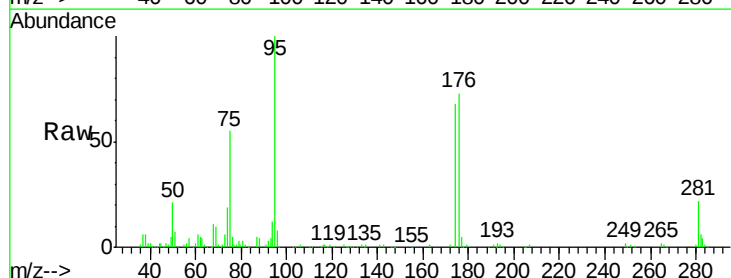
Tgt Ion: 95 Resp: 40235

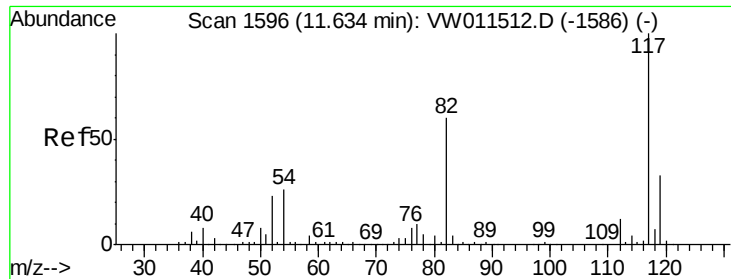
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

176 72.3 0.0 144.4

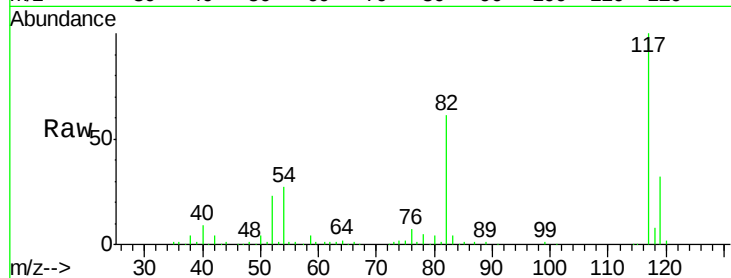




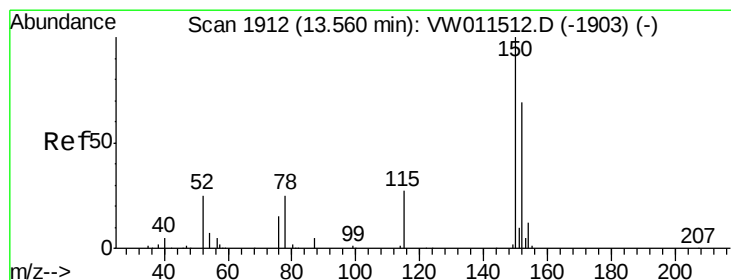
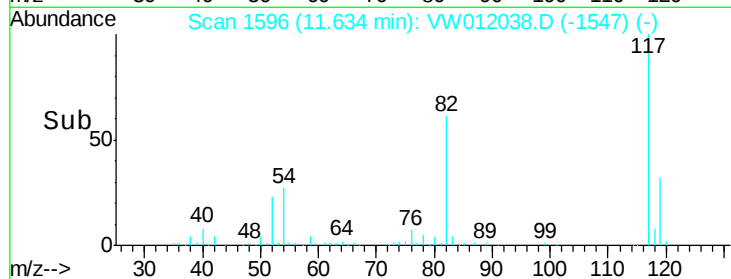
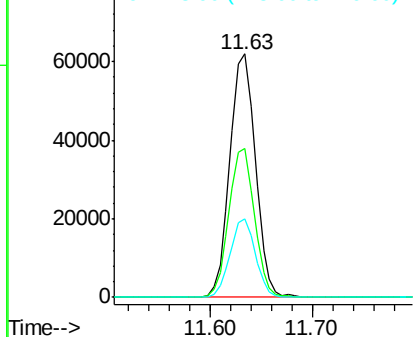
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012038.D
Acq: 20 Aug 2019 19:12

Instrument :
MSVOA_W
ClientSampleId :
T6-E1-(0)

Tot Ion:117 Resp: 107758
Ion Ratio Lower Upper
117 100
82 61.2 47.9 71.9
119 32.5 26.2 39.2

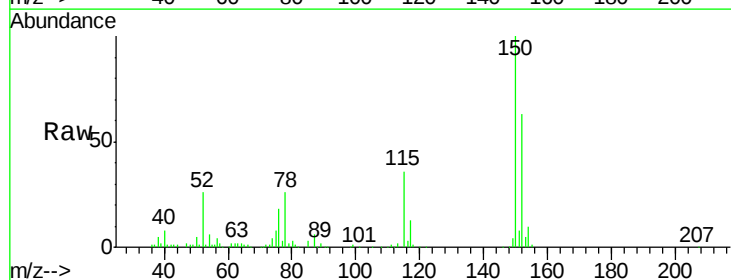


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012038.D
Acq: 20 Aug 2019 19:12

Tgt Ion:152 Resp: 29379
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 158.2 0.0 352.6



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

