

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006852.D
 Acq On : 13 Nov 2018 14:21
 Operator : SY/AP
 Sample : J5887-15RE
 Misc : 3.75G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 15:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

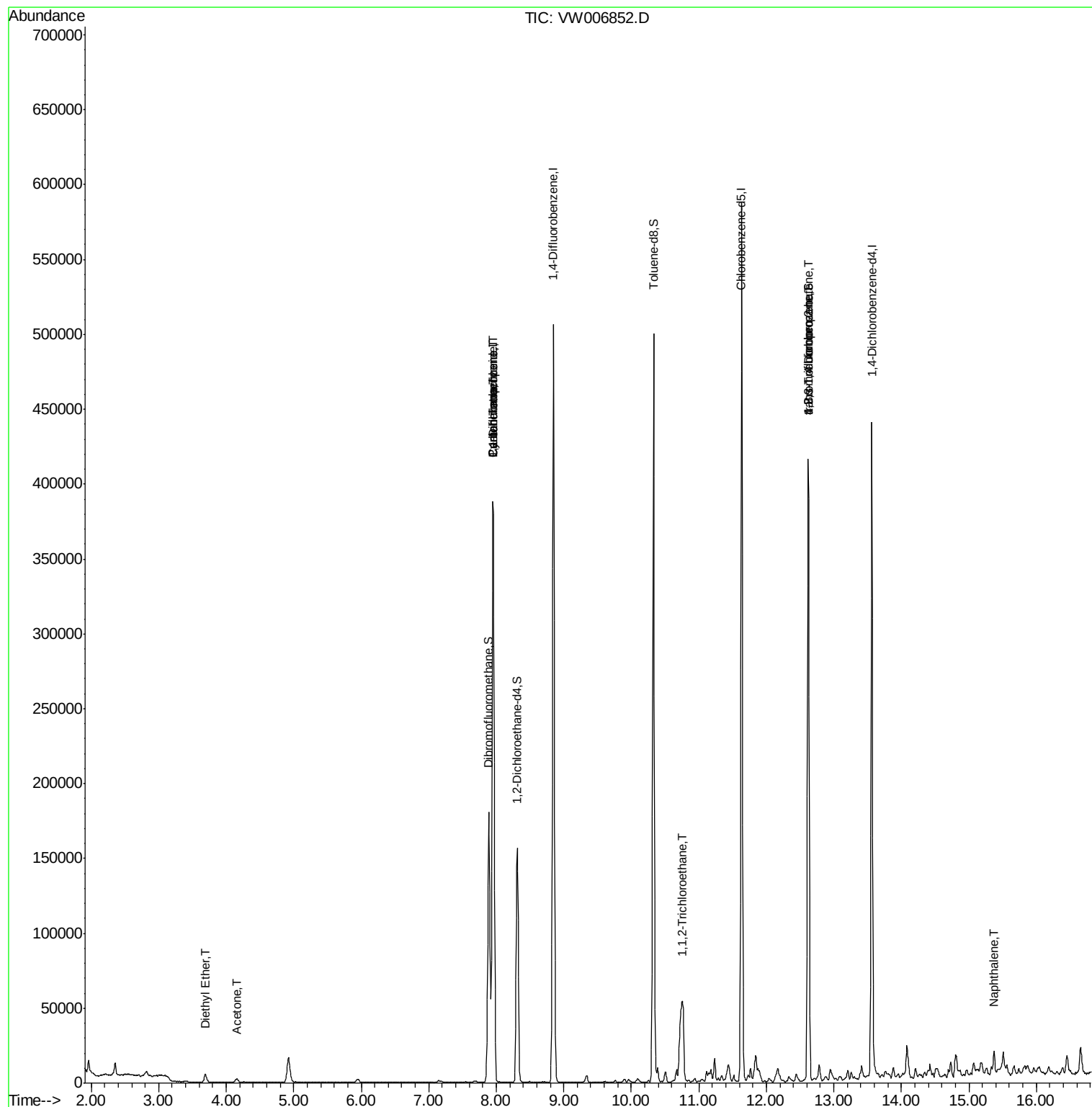
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	460854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	129183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123799	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.89	113	124579	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
50) Toluene-d8	10.33	98	342659	30.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.26%	
62) 4-Bromofluorobenzene	12.62	95	122584	29.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.52%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.70	74	3123	2.462	ug/l	84
16) Acetone	4.16	43	4615	13.413	ug/l	95
20) Methylene Chloride	4.93	84	13500	Below Cal		97
31) Cyclohexane	7.95	56	5124	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19467	4.514	ug/l #	47
38) Carbon Tetrachloride	7.96	117	27952	5.963	ug/l #	15
55) 1,1,2-Trichloroethane	10.76	97	4700	2.036	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	59296	63.692	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59296	157.548	ug/l #	13
95) Naphthalene	15.38	128	14963	3.302	ug/l	97

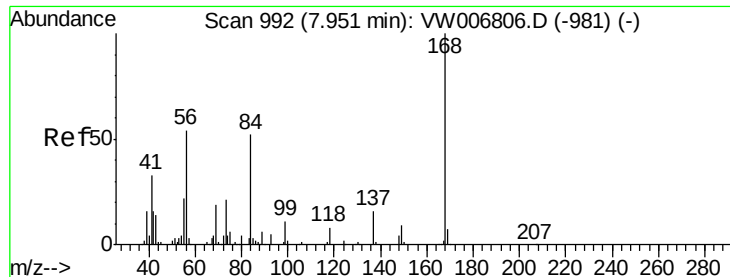
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
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ClientSampleId :

Quant Time: Nov 13 15:24:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006852.D

Acq: 13 Nov 2018 14:21

Instrument :

MSVOA_W

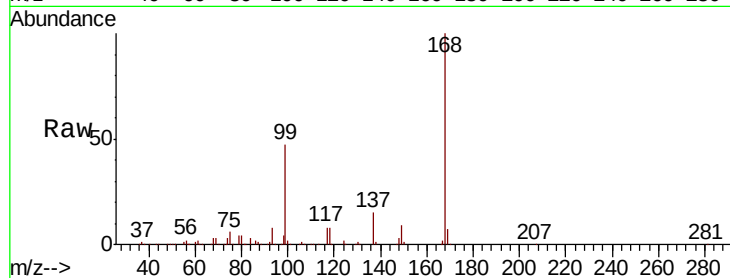
ClientSampleId :

Tot Ion:168 Resp: 327728

Ion Ratio Lower Upper

168 100

99 46.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

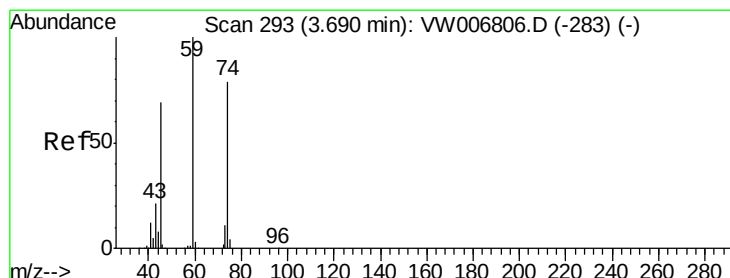
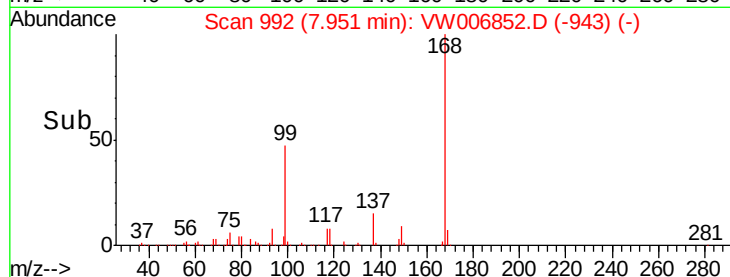
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.462 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW006852.D

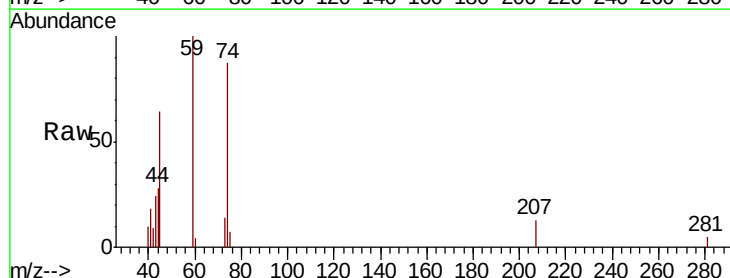
Acq: 13 Nov 2018 14:21

Tgt Ion: 74 Resp: 3123

Ion Ratio Lower Upper

74 100

45 101.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

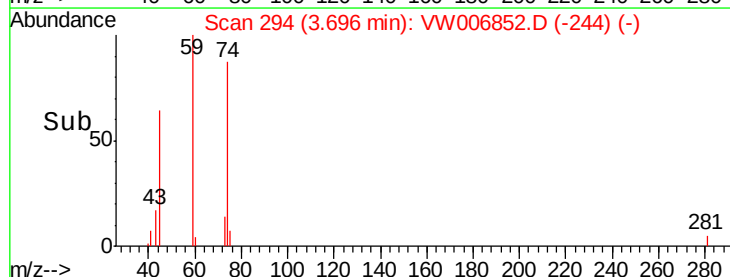
1500

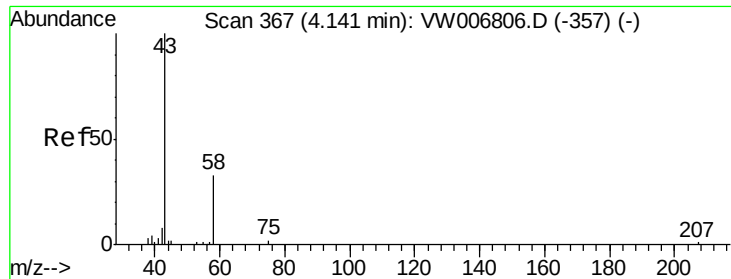
1000

500

0

Time-->

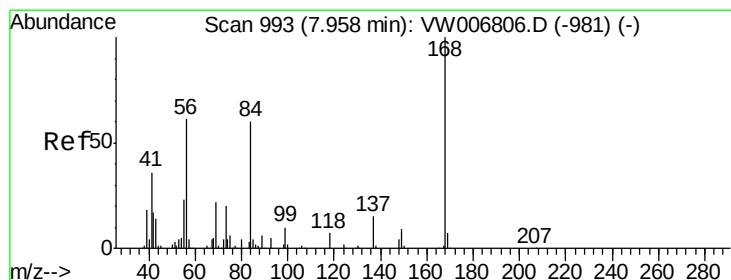
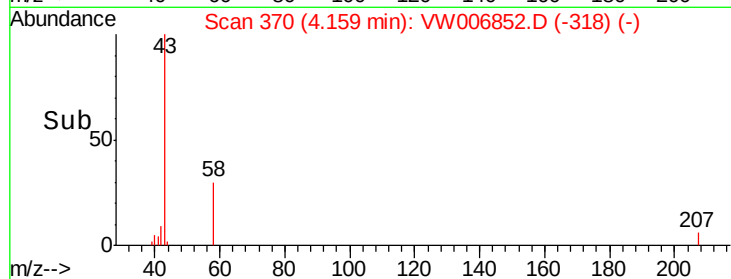
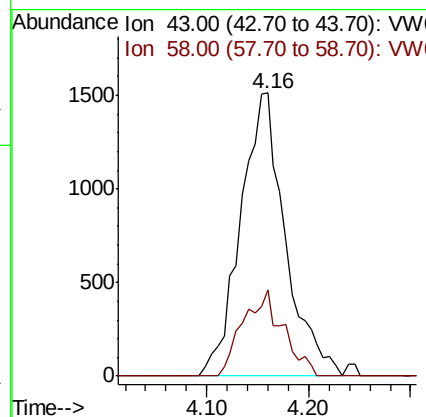
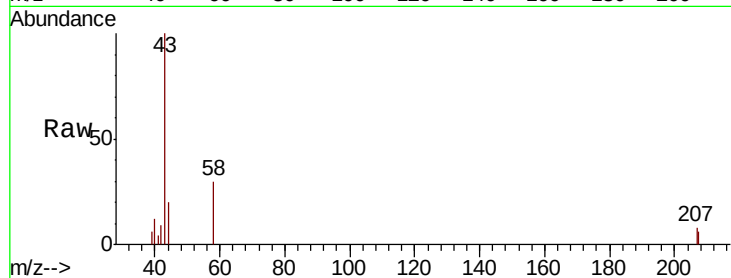




#16
Acetone
Concen: 13.413 ug/l
RT: 4.16 min Scan# 370
Delta R.T. 0.02 min
Lab File: VW006852.D
Acq: 13 Nov 2018 14:21

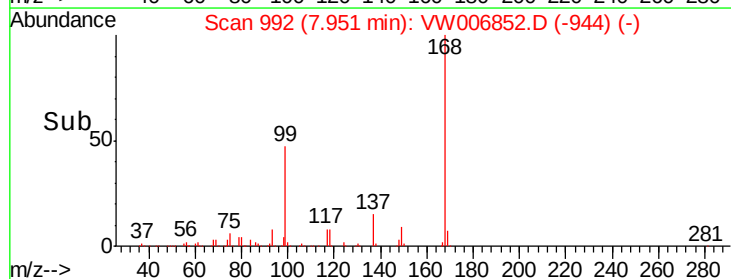
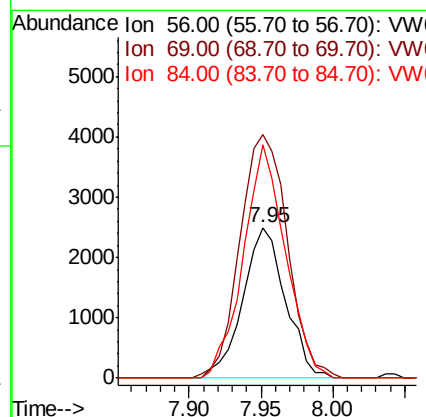
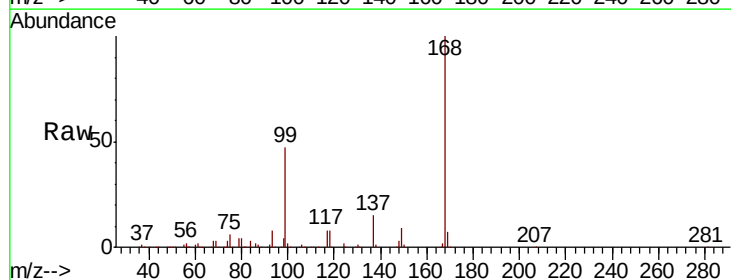
Instrument :
MSVOA_W
ClientSampleId :

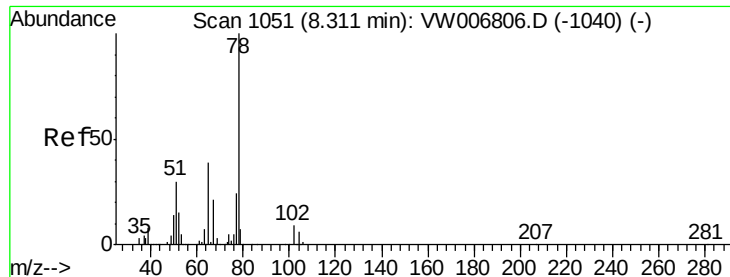
Tot Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
58 30.5 26.5 39.7



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006852.D
Acq: 13 Nov 2018 14:21

Tgt Ion: 56 Resp: 5124
Ion Ratio Lower Upper
56 100
69 161.8 28.9 43.3#
84 155.2 79.0 118.4#

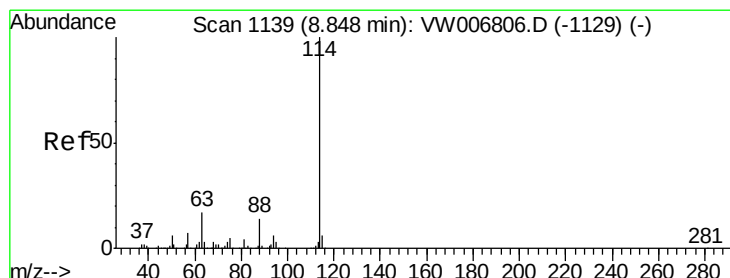
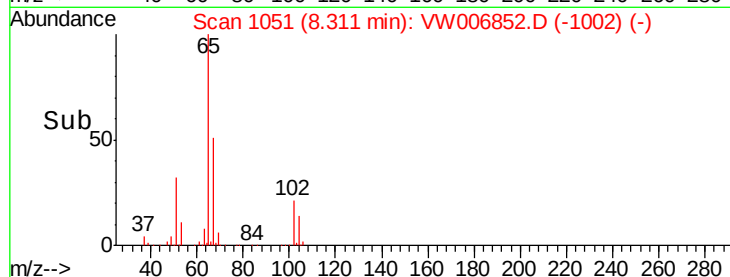
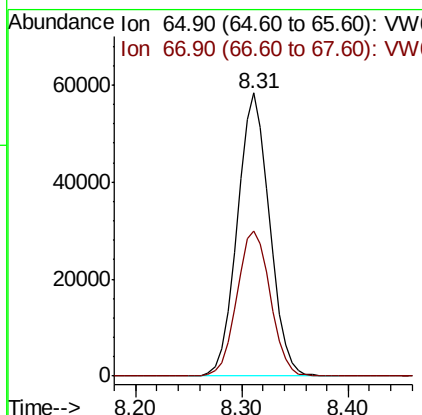
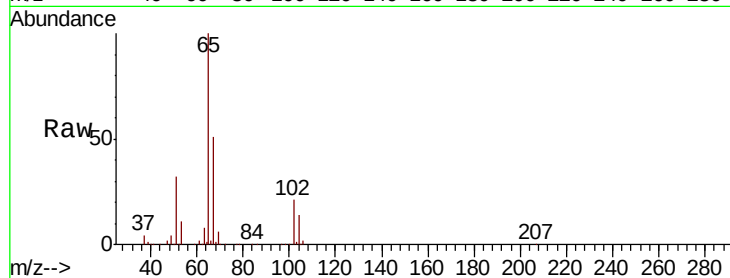




#33
 1,2-Dichloroethane-d4
 Concen: 51.674 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006852.D
 Acq: 13 Nov 2018 14:21

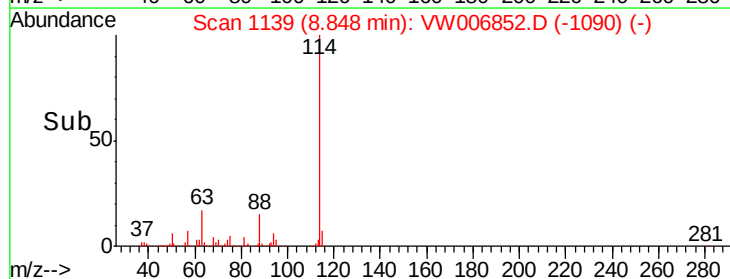
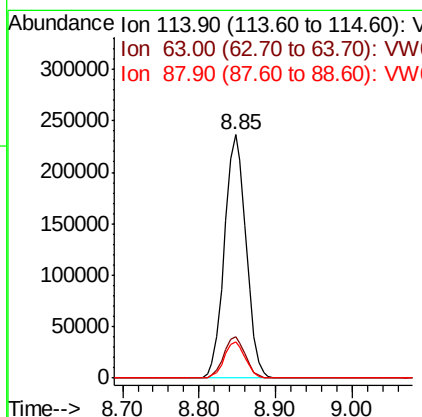
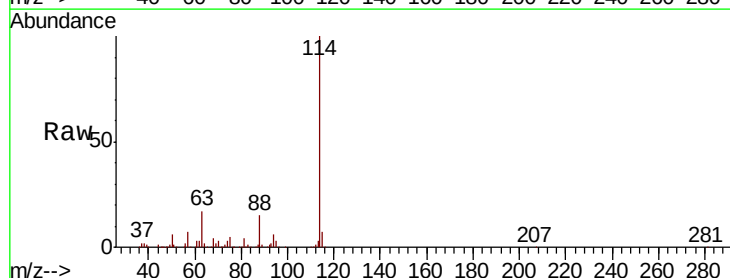
Instrument :
 MSVOA_W
 ClientSampleId :

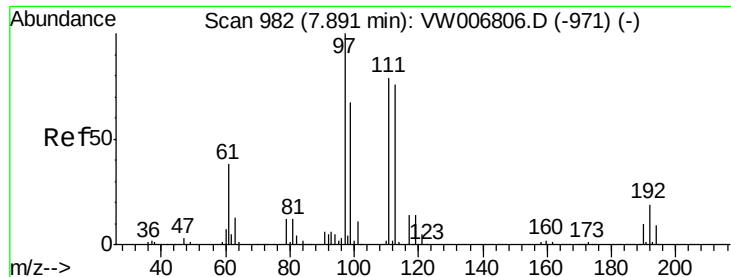
Tot Ion: 65 Resp: 123799
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006852.D
 Acq: 13 Nov 2018 14:21

Tgt Ion: 114 Resp: 460854
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 14.8 0.0 28.4

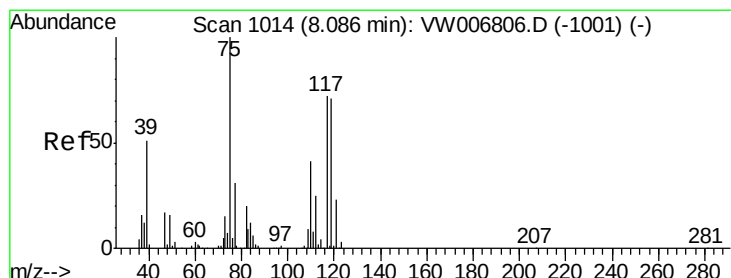
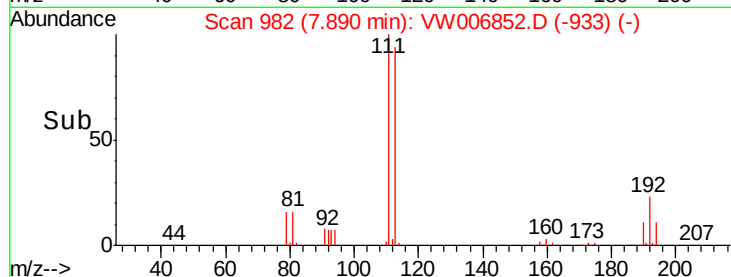
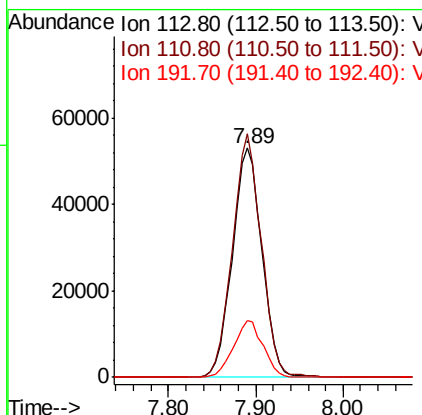
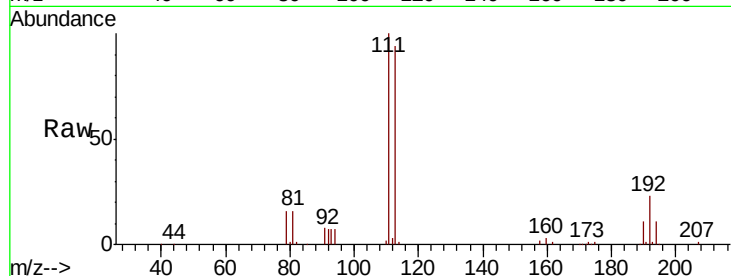




#35
 Dibromofluoromethane
 Concen: 45.396 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006852.D
 Acq: 13 Nov 2018 14:21

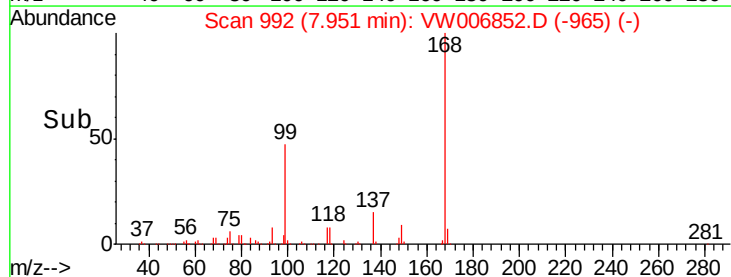
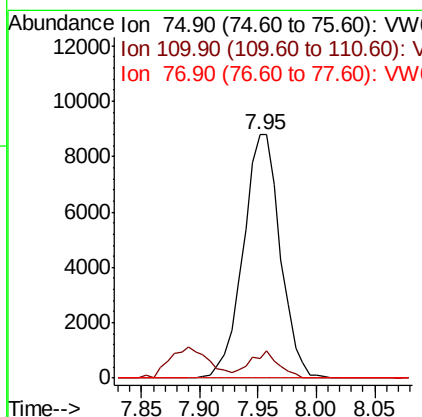
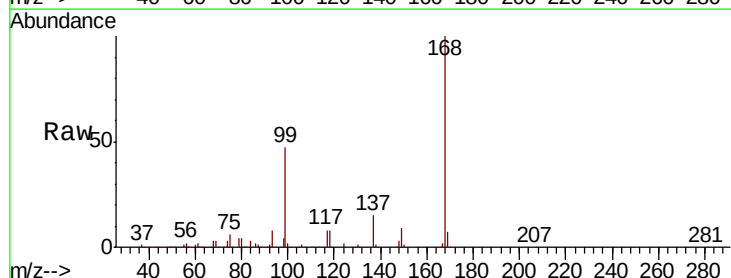
Instrument :
 MSVOA_W
 ClientSampleId :

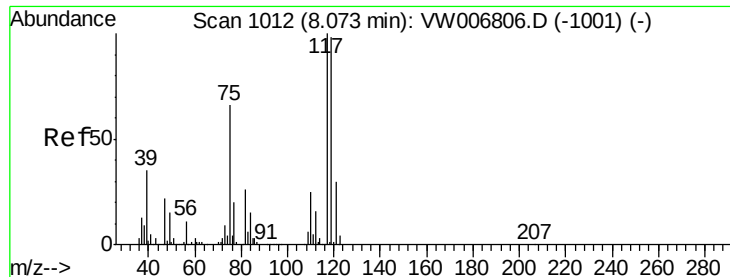
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.6
192	24.5	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.514 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006852.D
 Acq: 13 Nov 2018 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.9	59.6#
77	0.0	25.4	38.2#





#38

Carbon Tetrachloride

Concen: 5.963 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW006852.D

Acq: 13 Nov 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

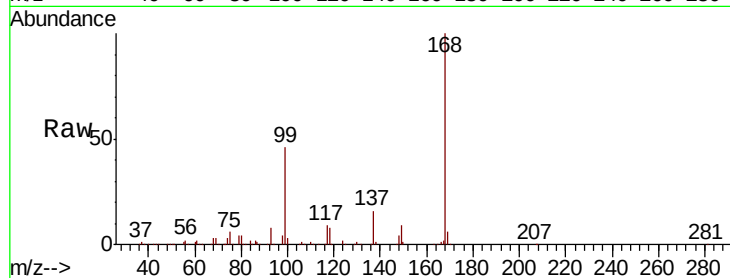
Tot Ion:117 Resp: 27952

Ion Ratio Lower Upper

117 100

119 4.6 78.5 117.7#

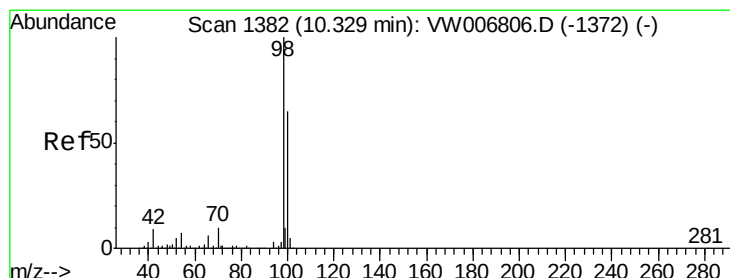
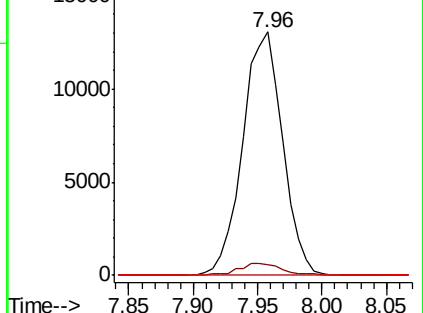
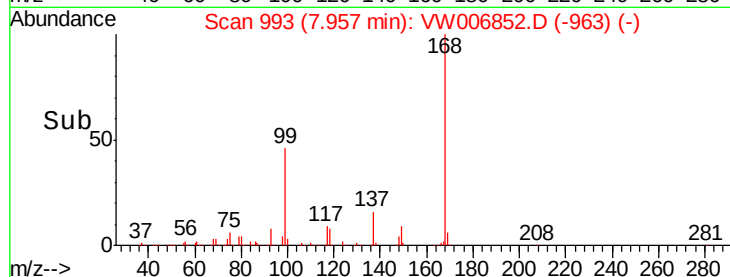
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 30.125 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006852.D

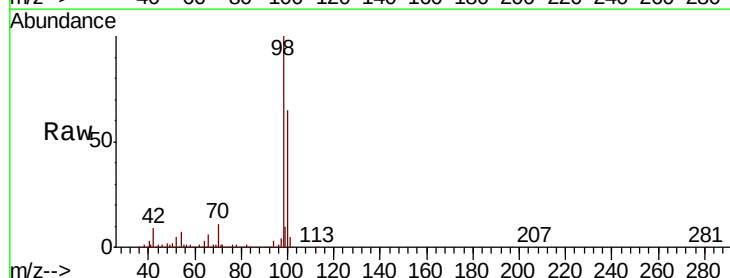
Acq: 13 Nov 2018 14:21

Tgt Ion: 98 Resp: 342659

Ion Ratio Lower Upper

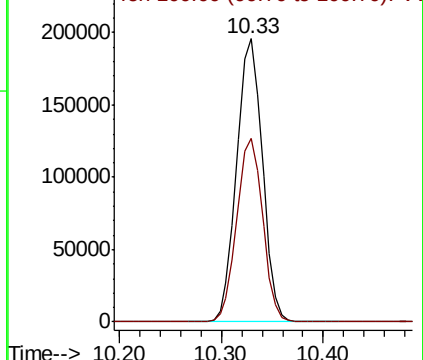
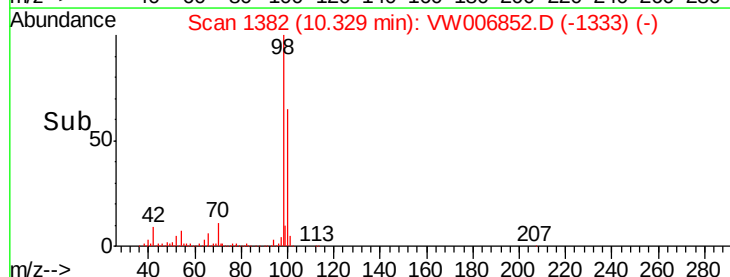
98 100

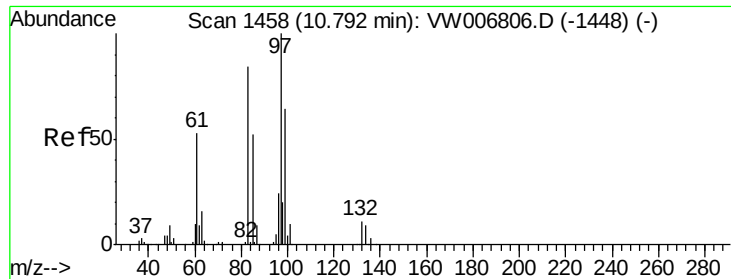
100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#55

1,1,2-Trichloroethane

Concen: 2.036 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006852.D

Acq: 13 Nov 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 4700

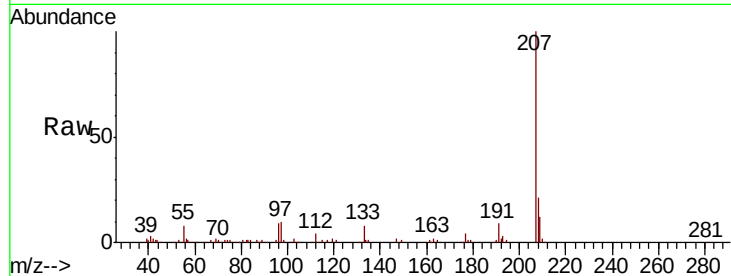
Ion Ratio Lower Upper

97 100

83 9.3 67.0 100.4#

85 0.0 41.7 62.5#

99 0.0 50.8 76.2#

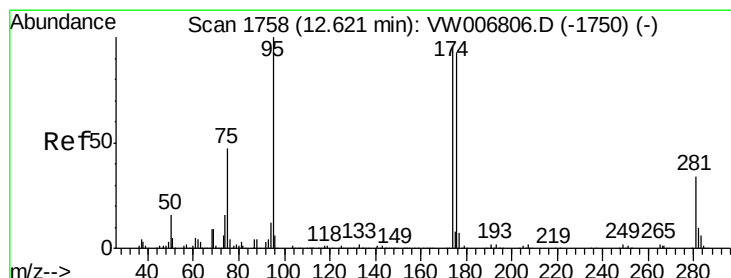
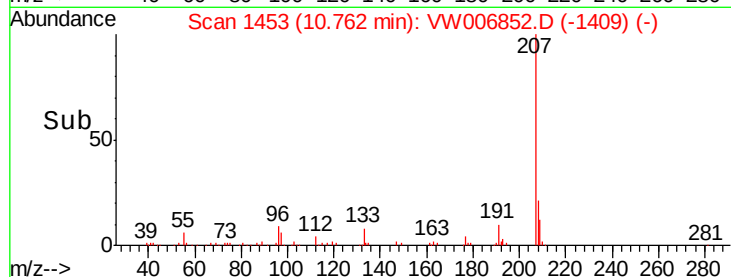
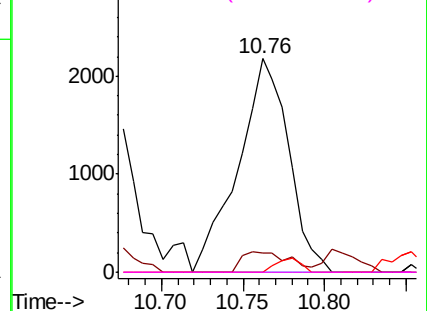


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#62

4-Bromofluorobenzene

Concen: 29.261 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006852.D

Acq: 13 Nov 2018 14:21

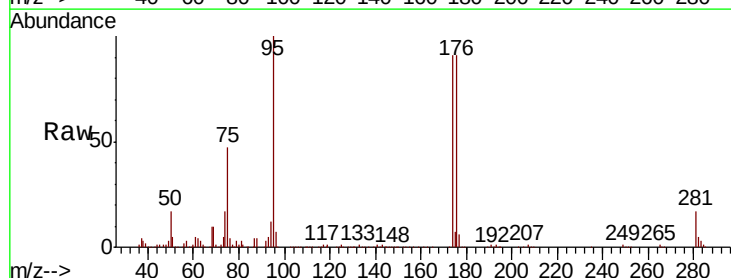
Tgt Ion: 95 Resp: 122584

Ion Ratio Lower Upper

95 100

174 97.9 0.0 196.6

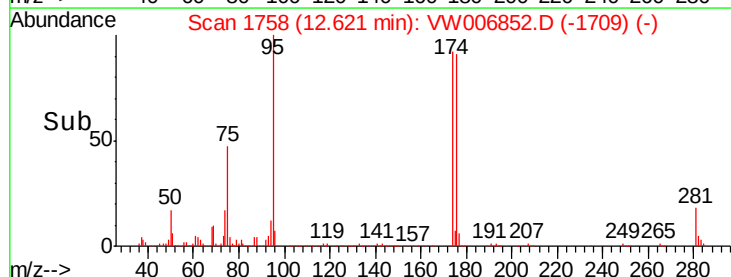
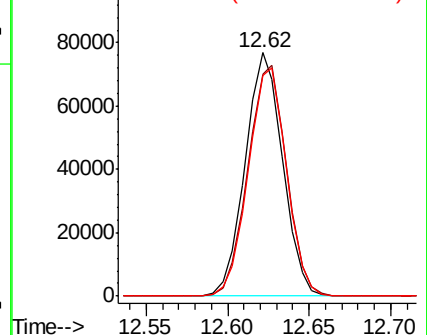
176 95.7 0.0 191.6

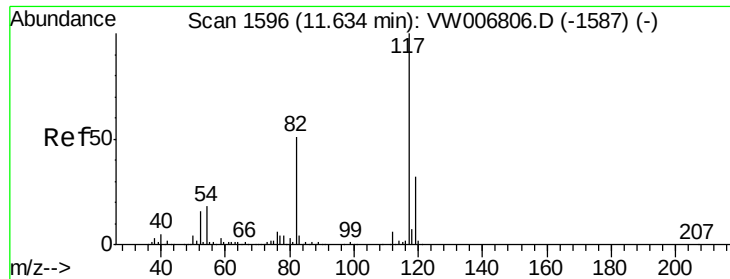


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

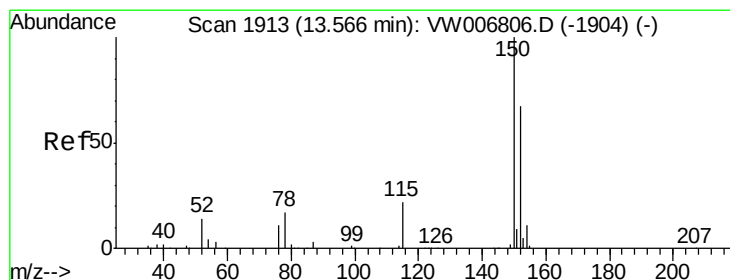
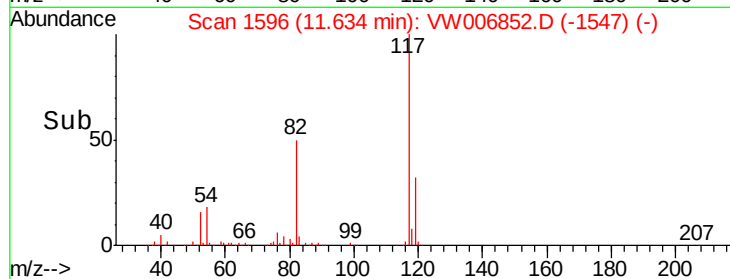
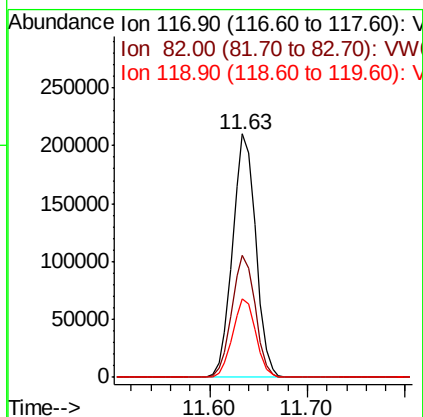
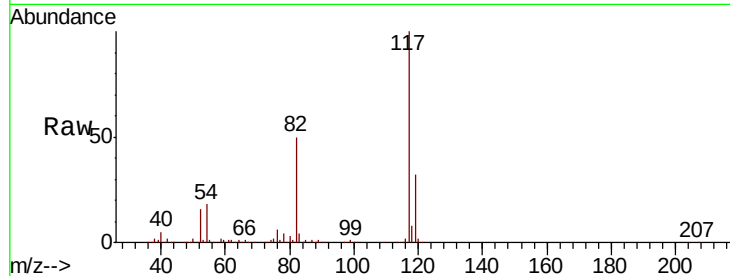




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006852.D
Acq: 13 Nov 2018 14:21

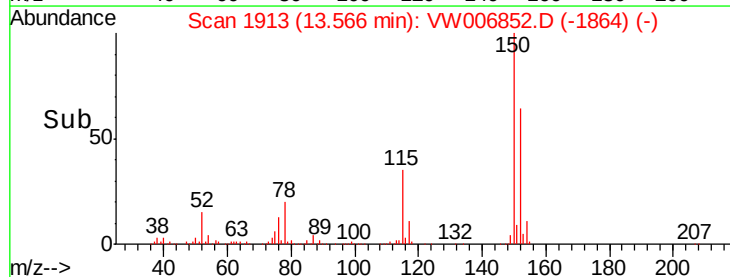
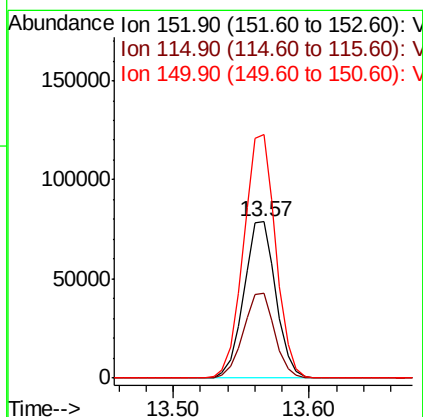
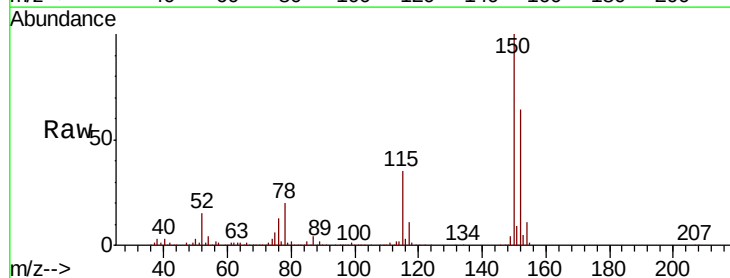
Instrument :
MSVOA_W
ClientSampled :

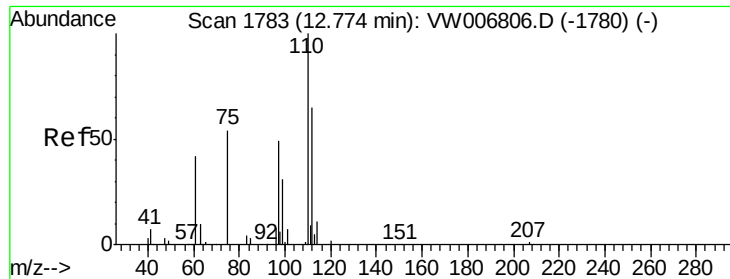
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.6	61.0
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006852.D
Acq: 13 Nov 2018 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.3	81.8
150	156.6	0.0	353.0

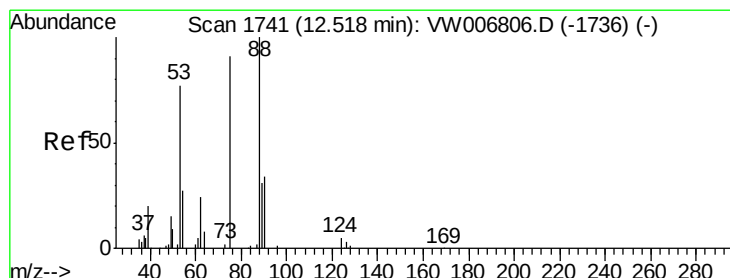
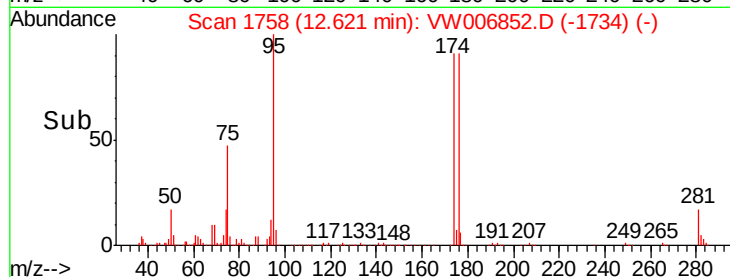
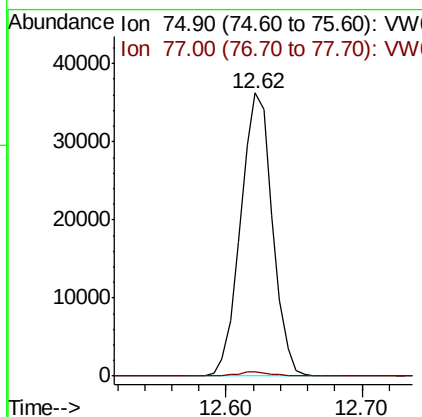
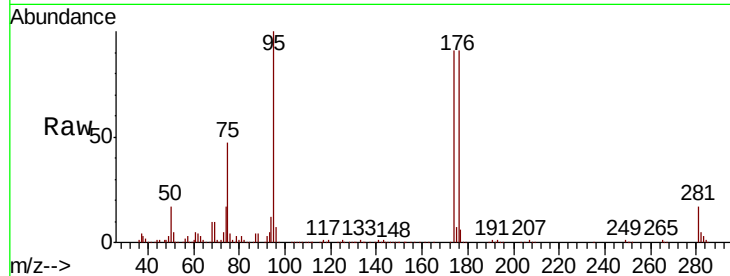




#76
 1,2,3-Trichloropropane
 Concen: 63.692 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006852.D
 Acq: 13 Nov 2018 14:21

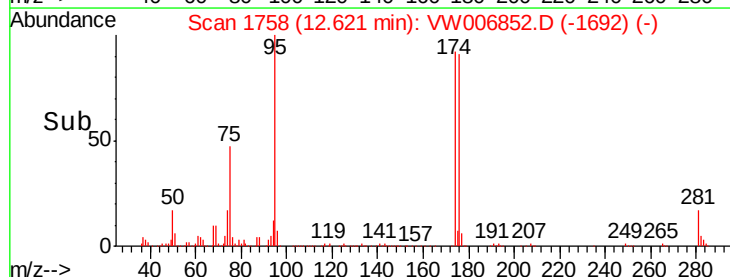
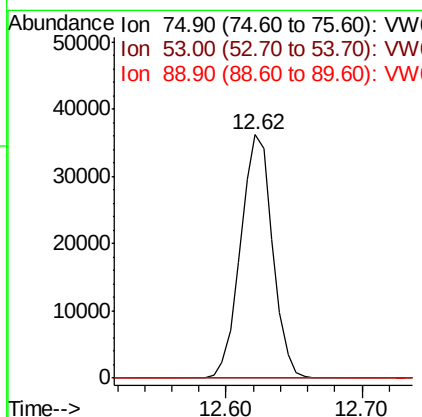
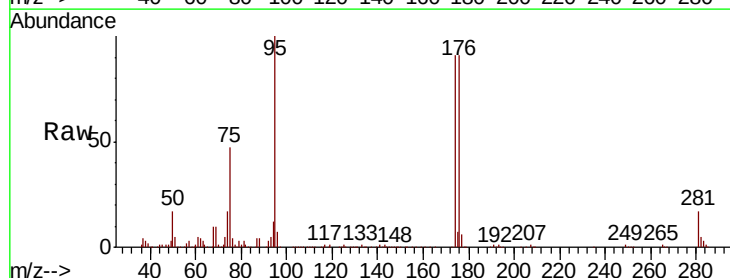
Instrument :
 MSVOA_W
 ClientSampleId :

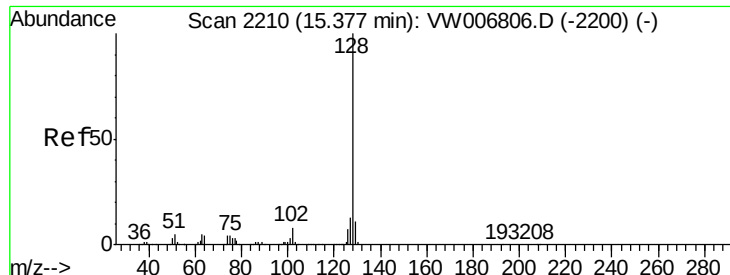
Tot Ion: 75 Resp: 59296
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.548 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006852.D
 Acq: 13 Nov 2018 14:21

Tgt Ion: 75 Resp: 59296
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 38.7 58.1#

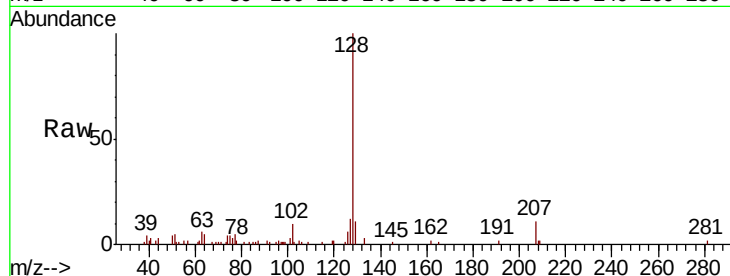




#95
Naphthalene
Concen: 3.302 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006852.D
Acq: 13 Nov 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	11.7	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

