

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006088.D
 Acq On : 16 Oct 2018 19:18
 Operator : VA/AP
 Sample : J5526-16
 Misc : 6.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-1

Quant Time: Oct 17 01:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

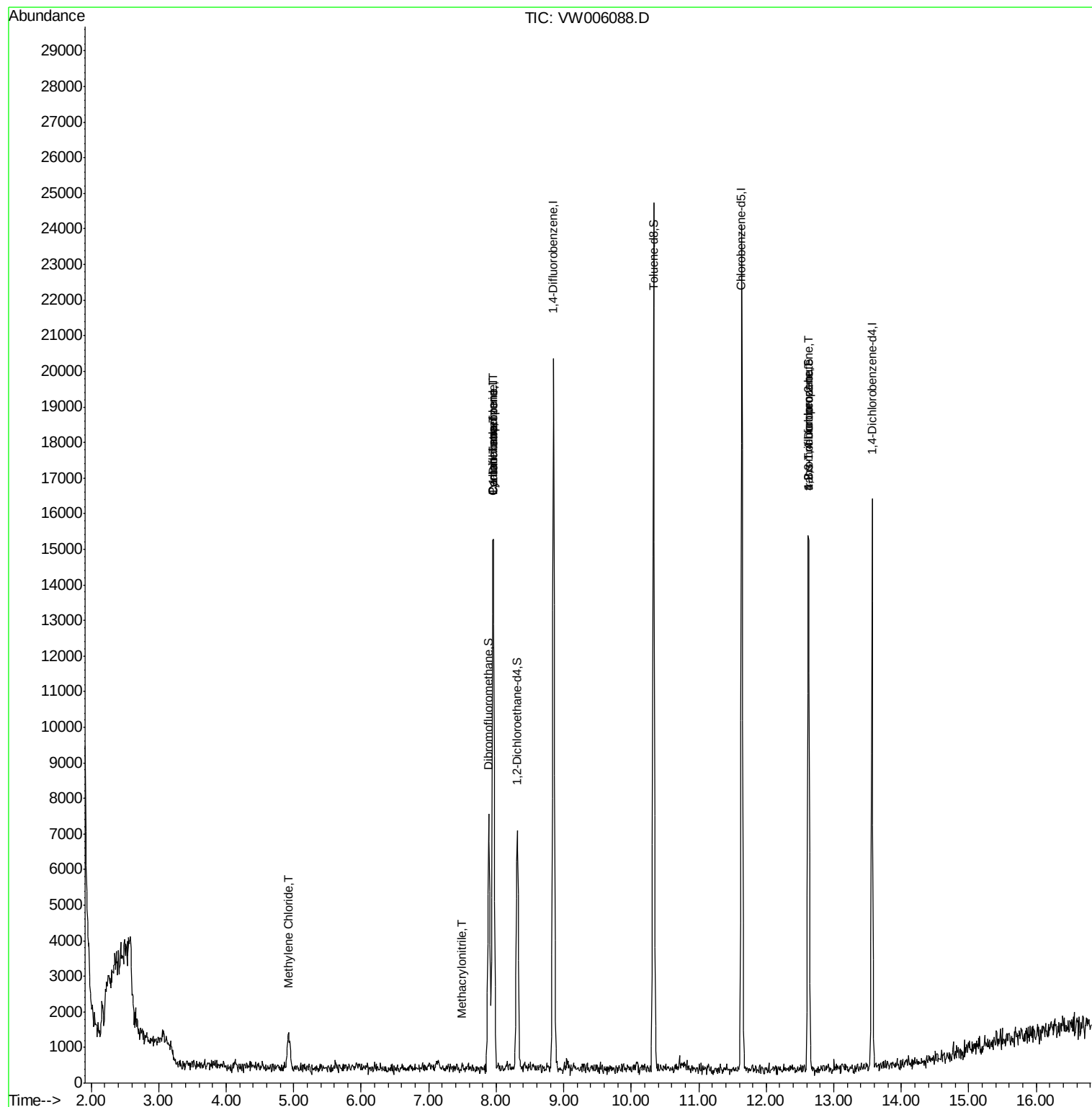
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	12763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	18255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	14080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5276	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.89	113	5001	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	10.33	98	16897	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.34%	
62) 4-Bromofluorobenzene	12.62	95	4916	31.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	243	Below Cal	#	45
20) Methylene Chloride	4.92	84	809	5.786	ug/l #	79
31) Cyclohexane	7.95	56	247	1.276	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	963	5.723	ug/l #	42
38) Carbon Tetrachloride	7.95	117	1157	6.273	ug/l #	13
41) Methacrylonitrile	7.49	41	54	1.433	ug/l #	22
76) 1,2,3-Trichloropropane	12.63	75	2473	73.186	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	2473	174.943	ug/l #	10

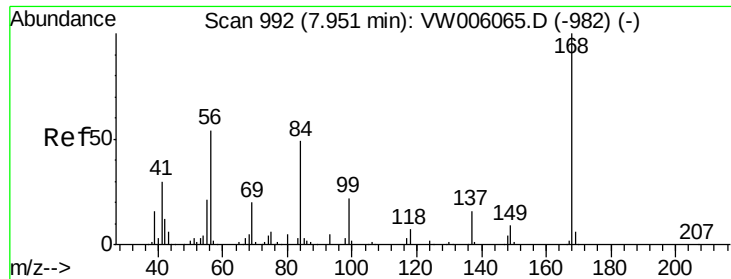
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
Data File : VW006088.D
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Instrument :
MSVOA_W
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SUP-4A-G-101518-1

Quant Time: Oct 17 01:22:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

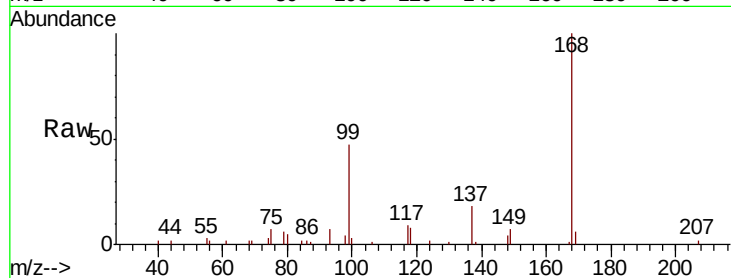
SUP-4A-G-101518-1

Tgt Ion:168 Resp: 12763

Ion Ratio Lower Upper

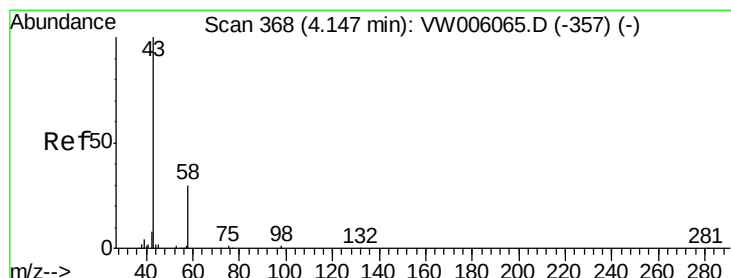
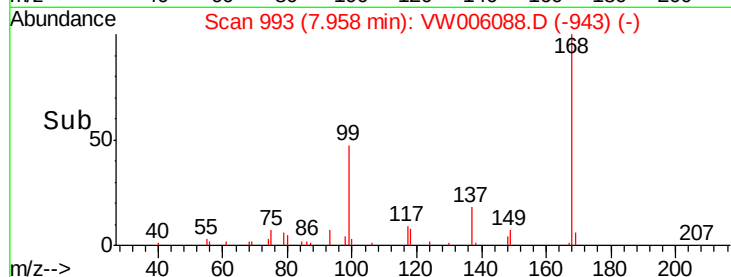
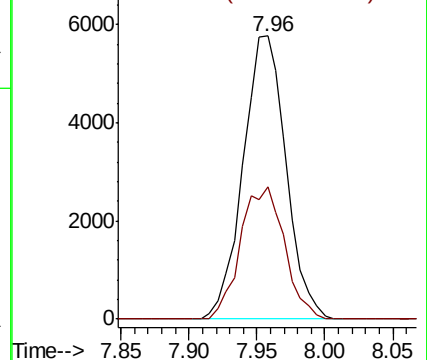
168 100

99 46.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006088.D

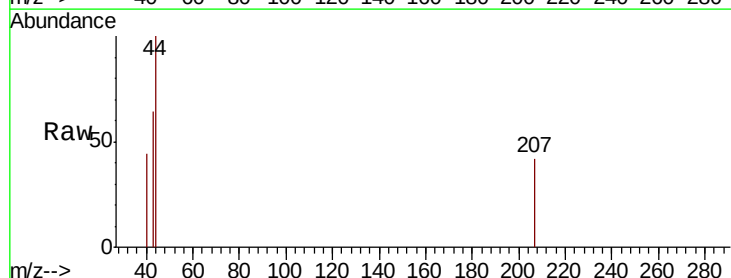
Acq: 16 Oct 2018 19:18

Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

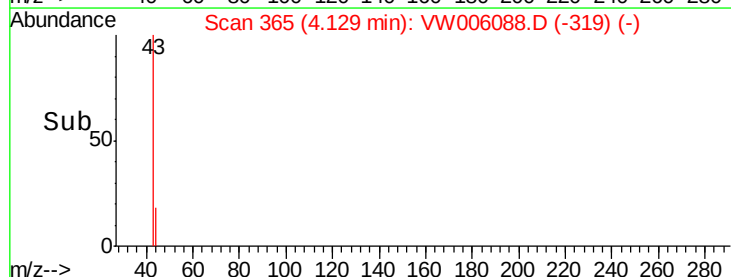
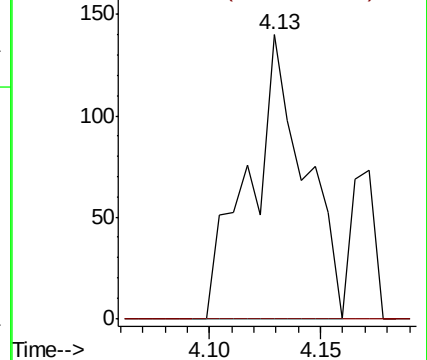
43 100

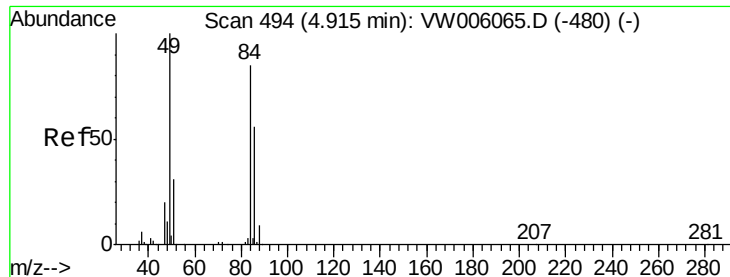
58 0.0 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

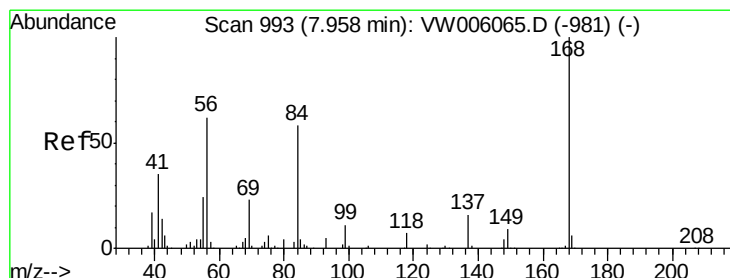
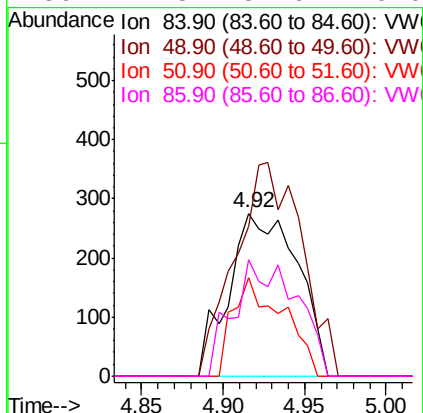
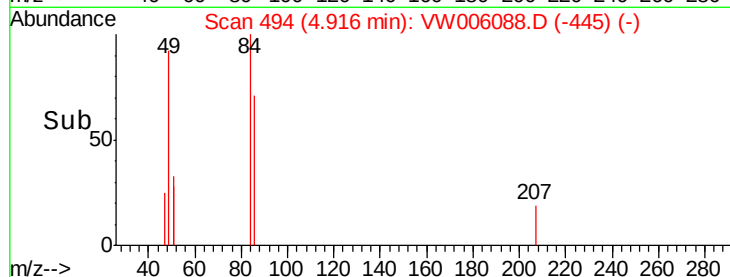
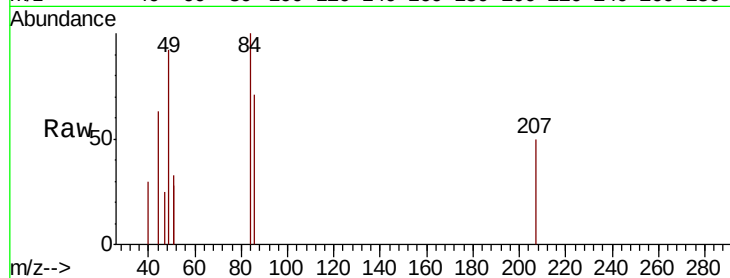




#20
Methylene Chloride
Concen: 5.786 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

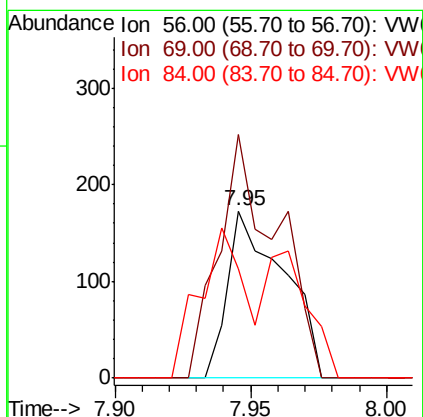
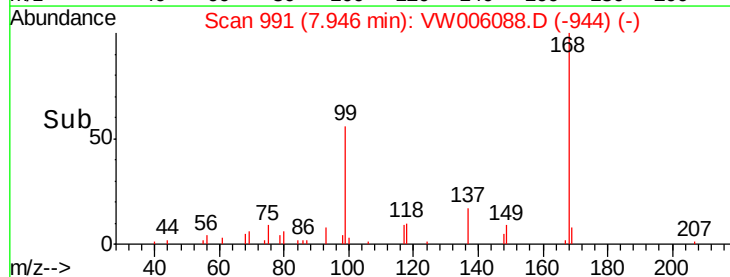
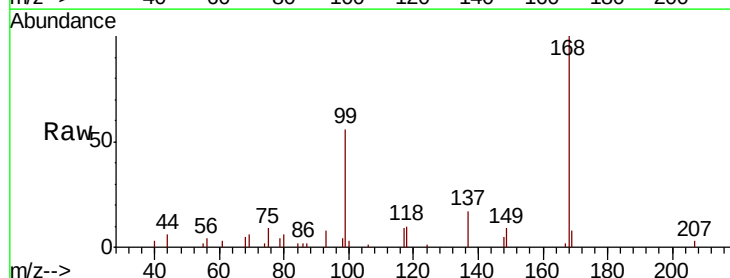
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-1

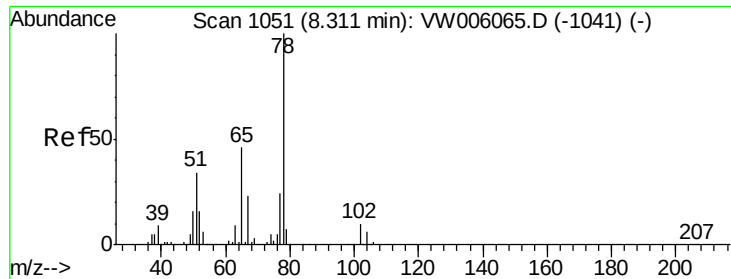
Tgt Ion: 84 Resp: 809
Ion Ratio Lower Upper
84 100
49 92.4 93.6 140.4#
51 60.7 29.0 43.4#
86 71.3 52.6 79.0



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
69 145.7 29.4 44.0#
84 65.3 74.0 111.0#

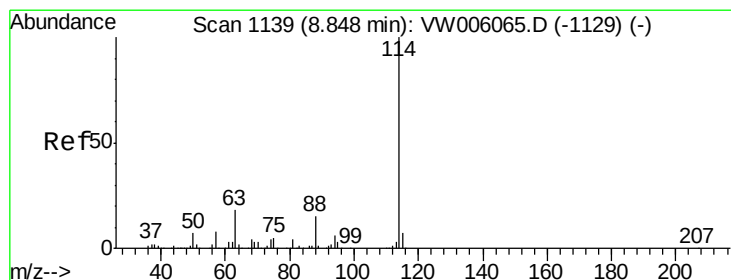
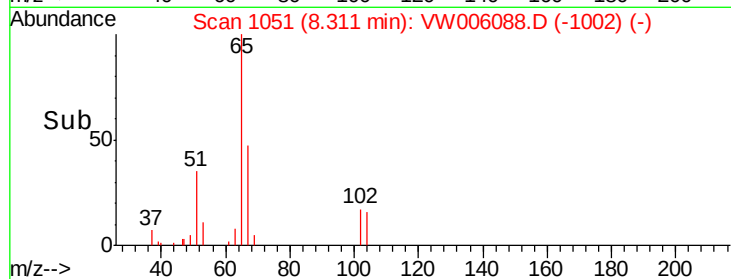
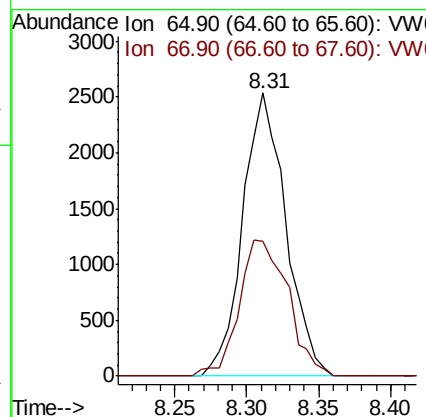
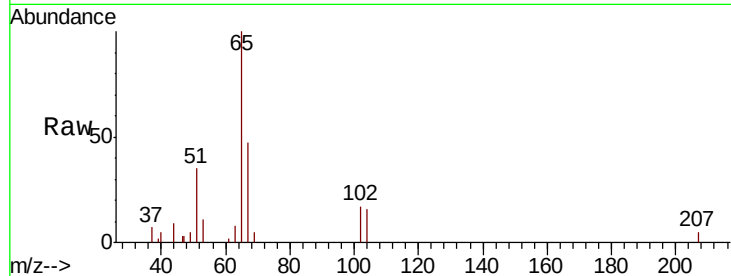




#33
 1,2-Dichloroethane-d4
 Concen: 49.862 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006088.D
 Acq: 16 Oct 2018 19:18

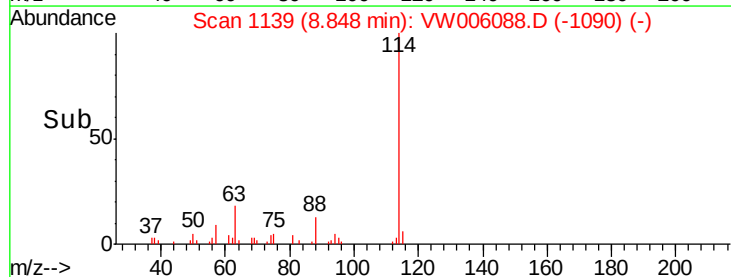
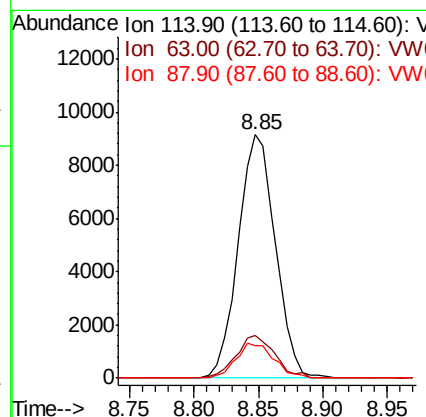
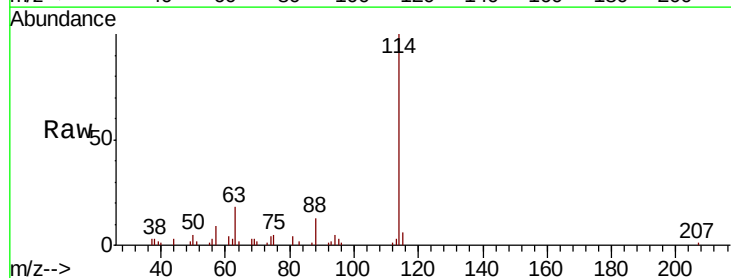
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-1

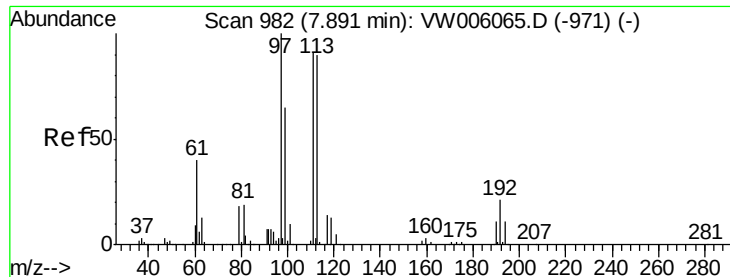
Tgt Ion: 65 Resp: 5276
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006088.D
 Acq: 16 Oct 2018 19:18

Tgt Ion: 114 Resp: 18255
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 13.3 0.0 29.0

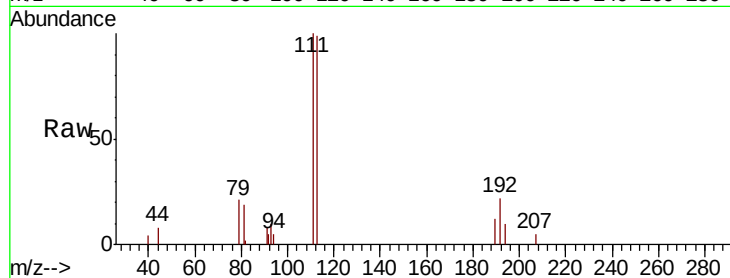




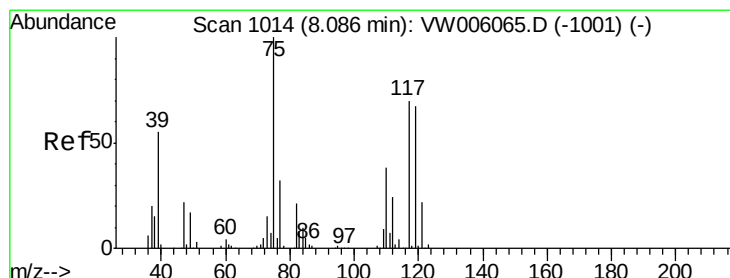
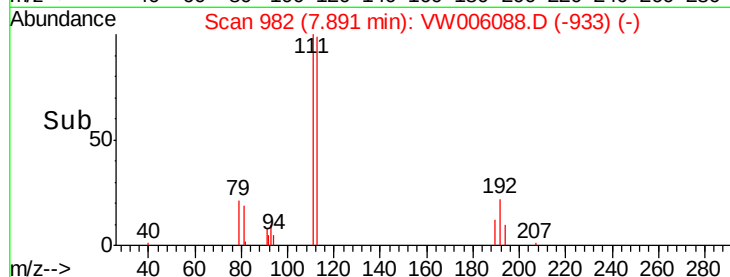
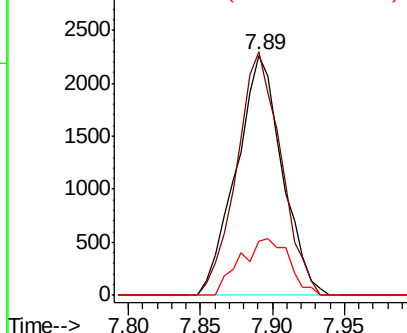
#35
 Dibromofluoromethane
 Concen: 46.362 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006088.D
 Acq: 16 Oct 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-1

Tgt Ion: 113 Resp: 5001
 Ion Ratio Lower Upper
 113 100
 111 97.7 81.4 122.0
 192 25.2 18.7 28.1

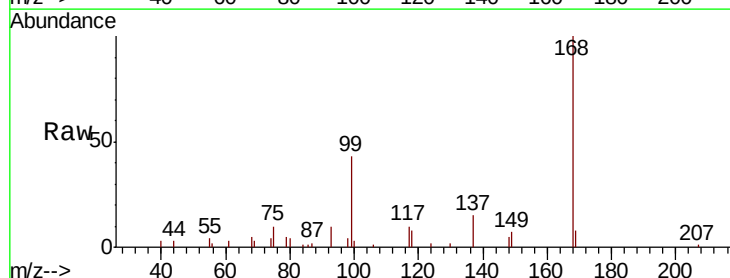


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

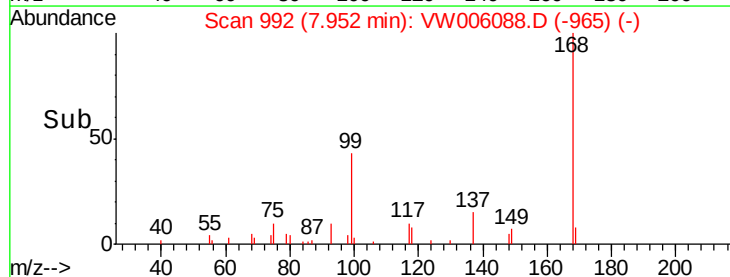
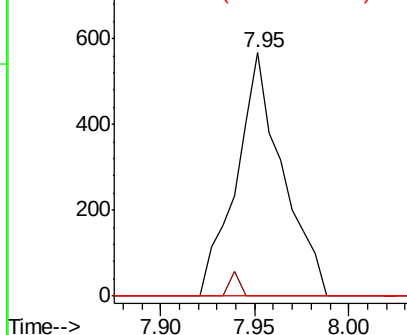


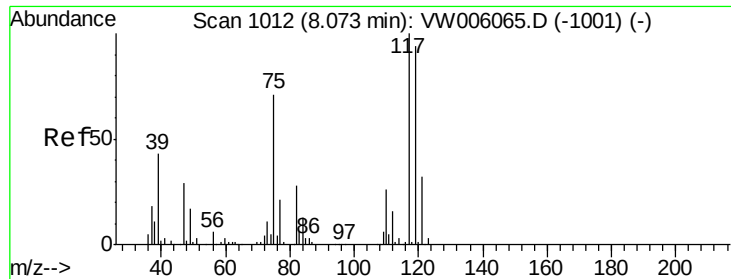
#36
 1,1-Dichloropropene
 Concen: 5.723 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006088.D
 Acq: 16 Oct 2018 19:18

Tgt Ion: 75 Resp: 963
 Ion Ratio Lower Upper
 75 100
 110 2.3 19.1 57.1#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

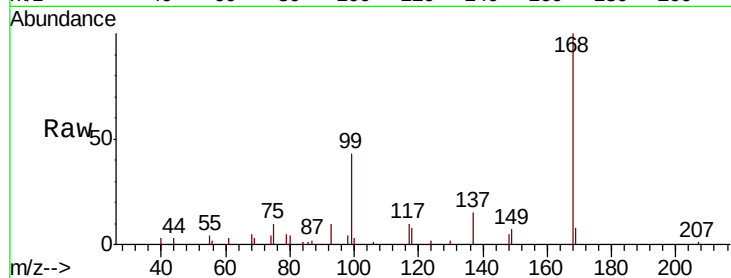




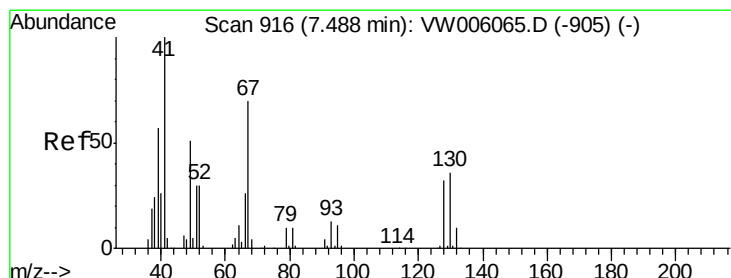
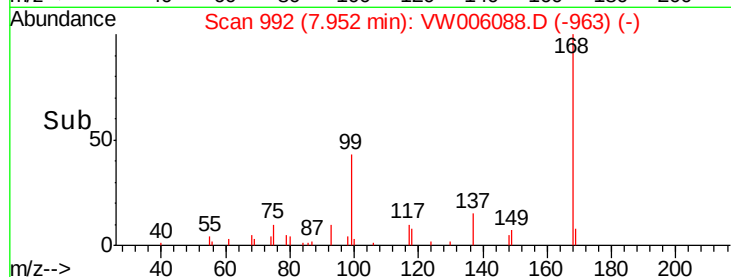
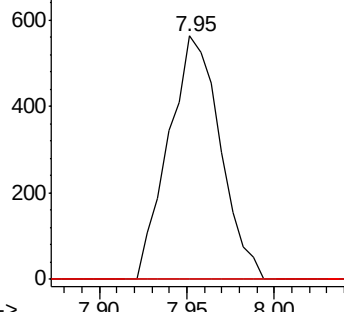
#38
Carbon Tetrachloride
Concen: 6.273 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-1

Tgt Ion: 117 Resp: 1157
Ion Ratio Lower Upper
117 100
119 0.0 75.2 112.8#
121 0.0 25.3 37.9#

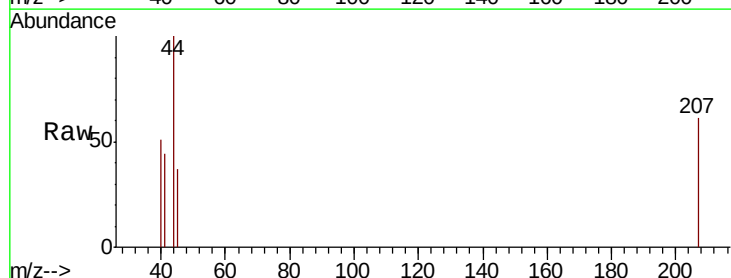


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

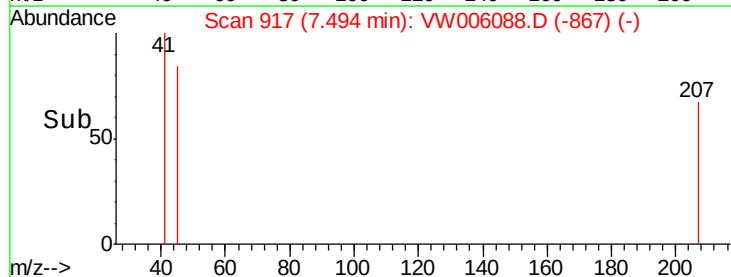
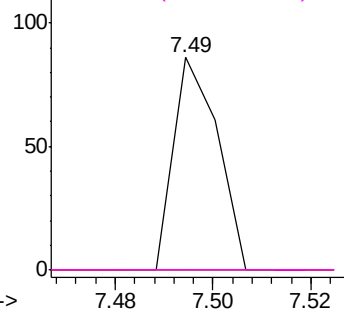


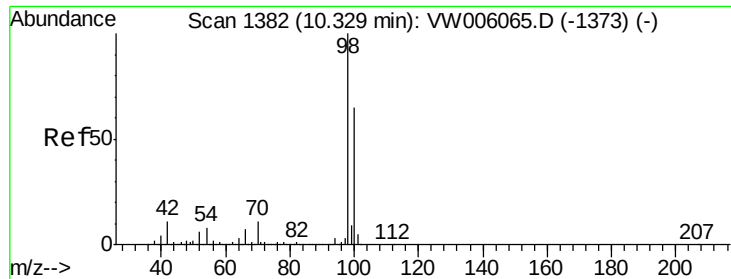
#41
Methacrylonitrile
Concen: 1.433 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

Tgt Ion: 41 Resp: 54
Ion Ratio Lower Upper
41 100
39 0.0 46.2 69.4#
67 0.0 57.7 86.5#
52 0.0 24.7 37.1#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 41.174 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

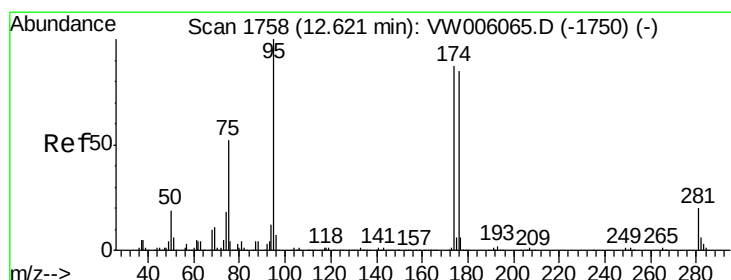
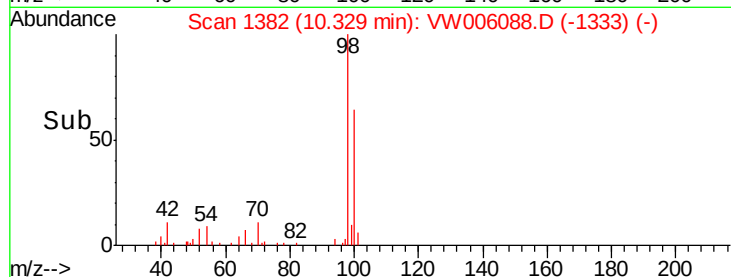
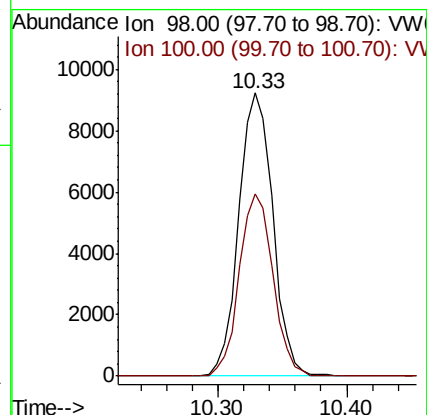
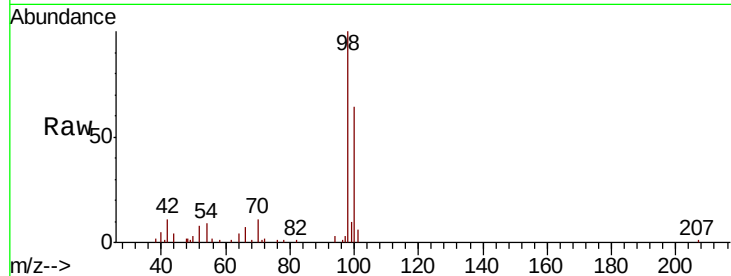
SUP-4A-G-101518-1

Tgt Ion: 98 Resp: 16897

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 31.894 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

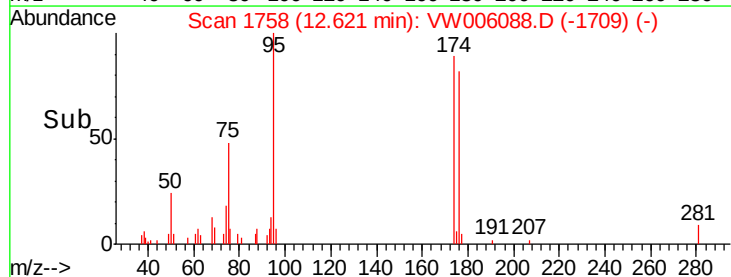
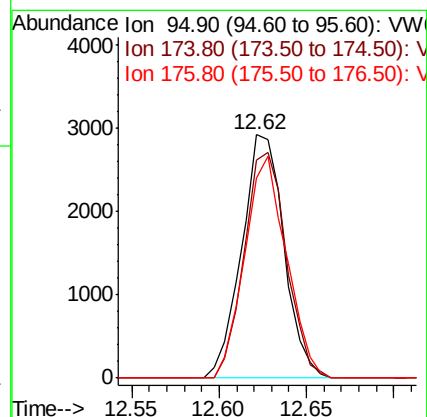
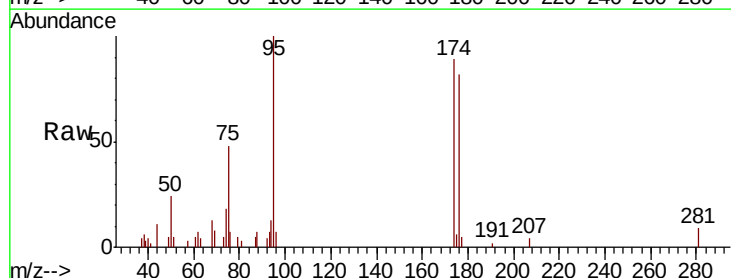
Tgt Ion: 95 Resp: 4916

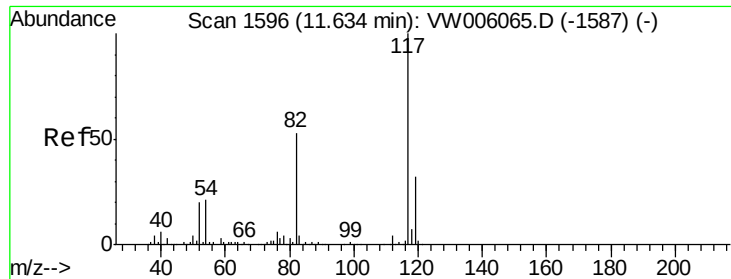
Ion Ratio Lower Upper

95 100

174 92.5 0.0 186.0

176 89.7 0.0 181.6

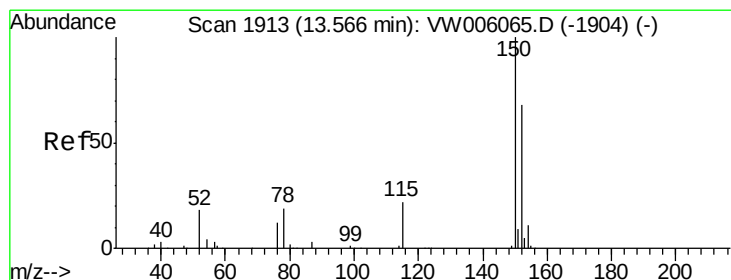
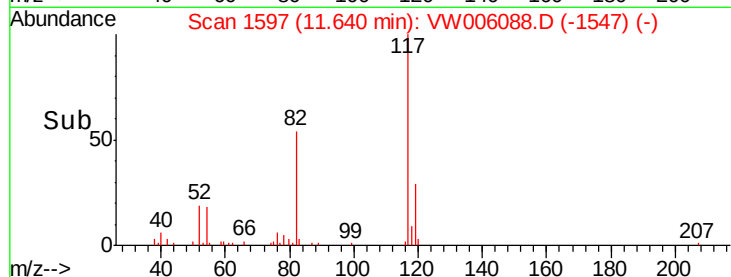
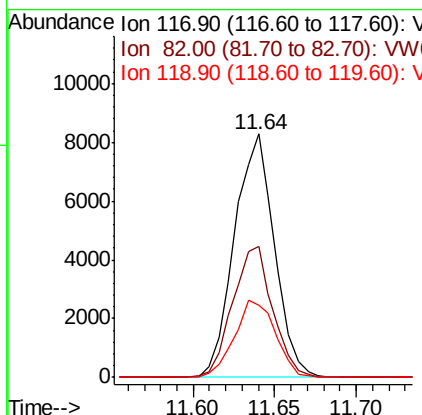
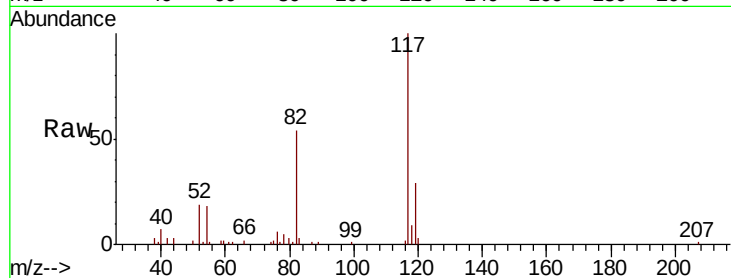




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

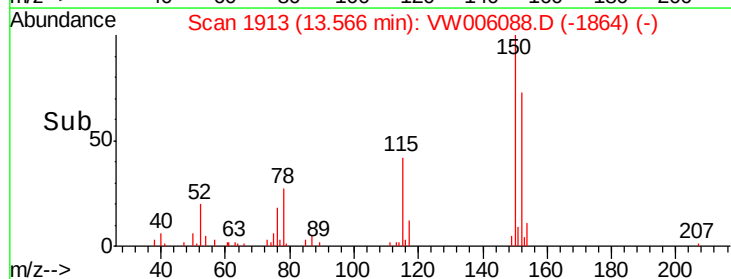
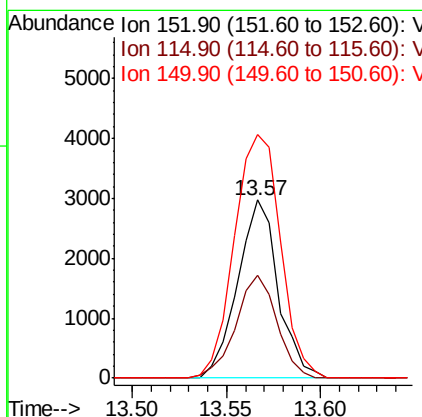
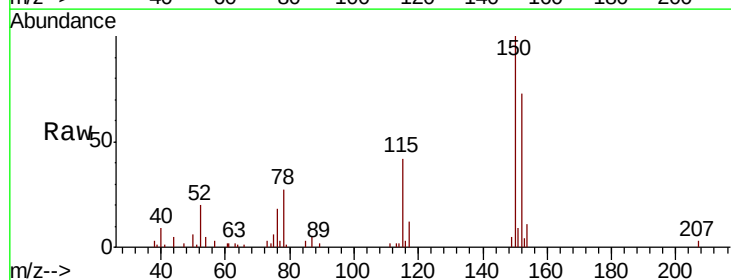
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-1

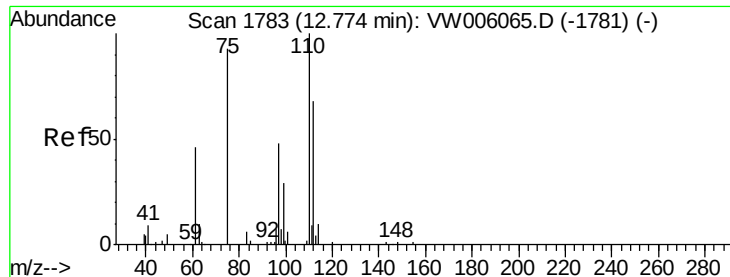
Tgt Ion:117 Resp: 14080
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 29.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

Tgt Ion:152 Resp: 4424
Ion Ratio Lower Upper
152 100
115 58.7 27.8 83.3
150 155.9 0.0 349.2

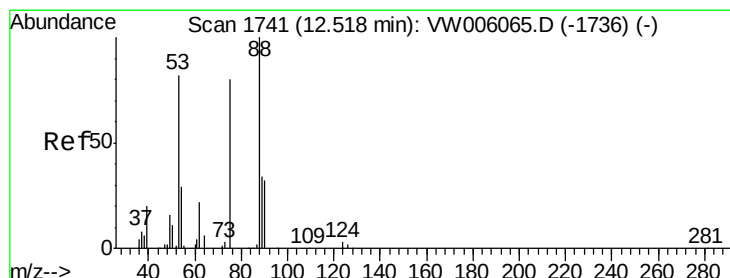
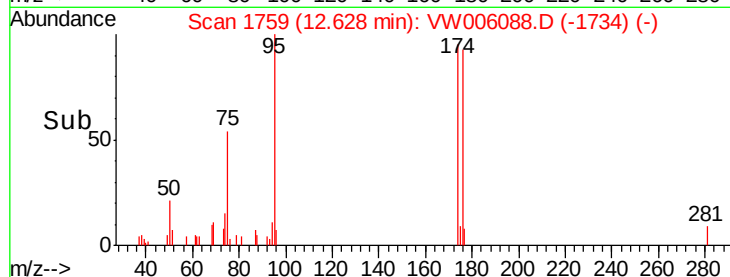
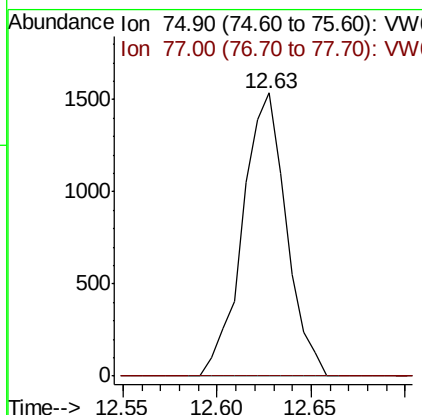
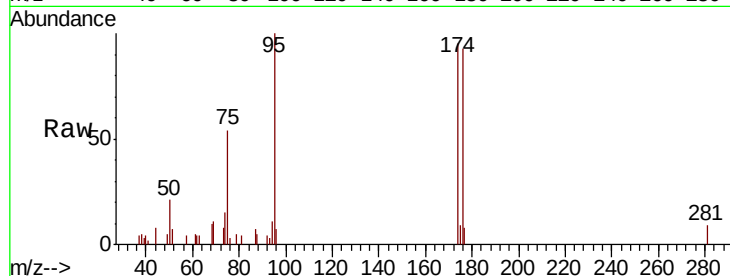




#76
 1,2,3-Trichloropropane
 Concen: 73.186 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW006088.D
 Acq: 16 Oct 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-1

Tgt Ion: 75 Resp: 2473
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 174.943 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW006088.D
 Acq: 16 Oct 2018 19:18

Tgt Ion: 75 Resp: 2473
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 37.5 56.3#

