

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006568.D
 Acq On : 01 Nov 2018 19:07
 Operator : SY/AP
 Sample : J5725-08
 Misc : 5.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(14-14.5)

Quant Time: Nov 02 04:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

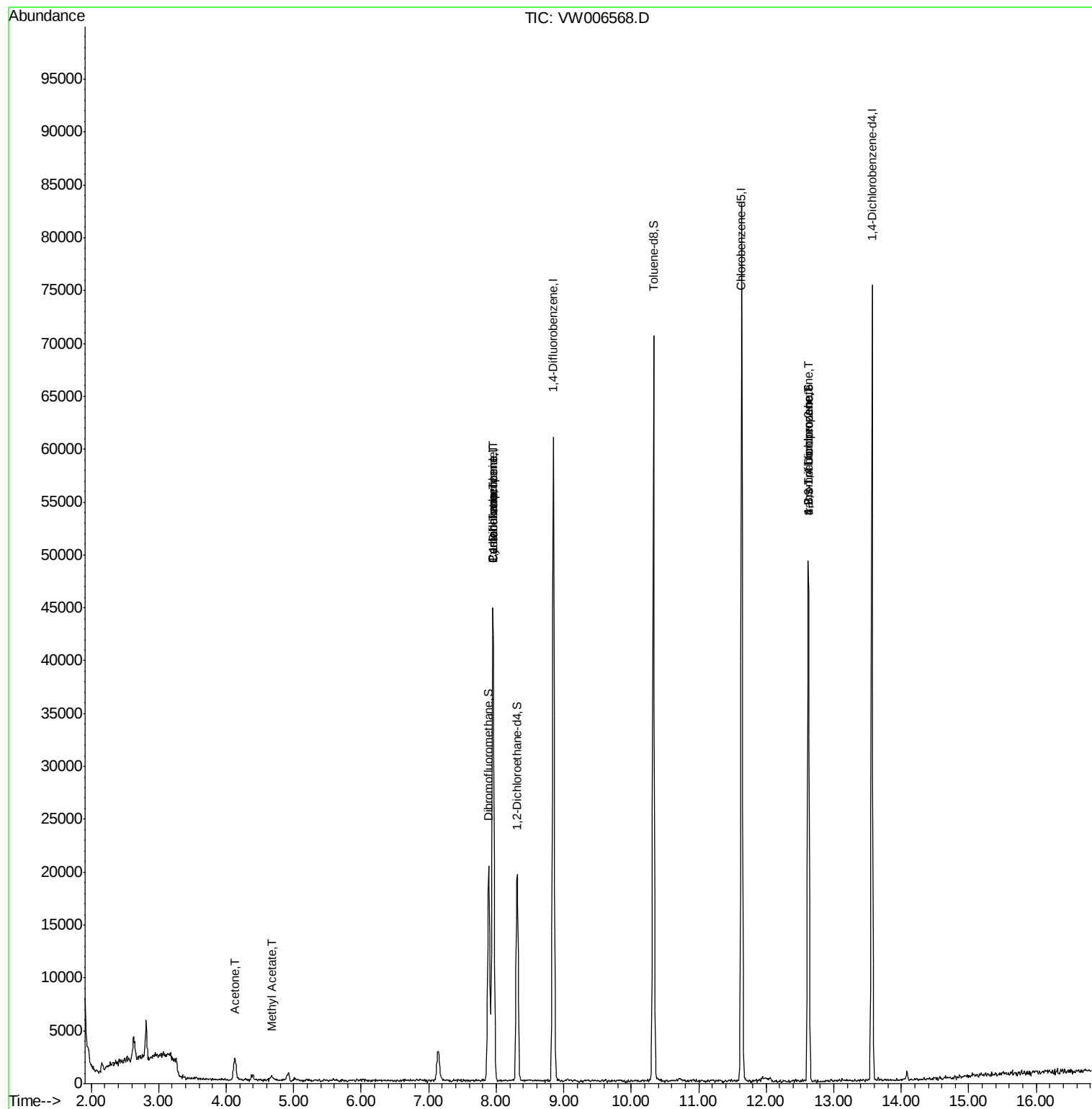
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	37466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	54948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	21841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15929	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.88	113	14902	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
50) Toluene-d8	10.33	98	49769	37.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.82%	
62) 4-Bromofluorobenzene	12.62	95	15560	32.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.38%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	3871	74.448	ug/l	97
18) Methyl Acetate	4.68	43	967	6.468	ug/l #	82
20) Methylene Chloride	4.92	84	780	Below Cal	#	65
31) Cyclohexane	7.96	56	688	1.341	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	2264	4.685	ug/l #	47
38) Carbon Tetrachloride	7.95	117	3263	6.462	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	7720	45.303	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	7720	113.738	ug/l #	11

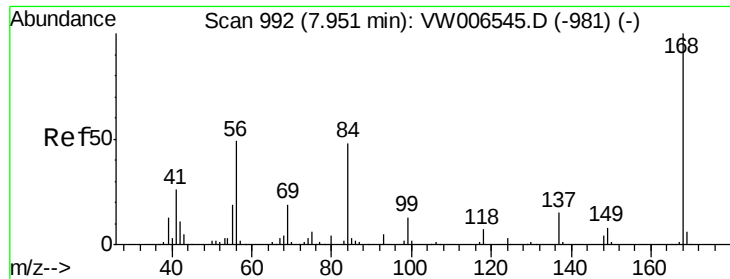
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-5(14-14.5)

Quant Time: Nov 02 04:00:59 2018
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006568.D

Acq: 01 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

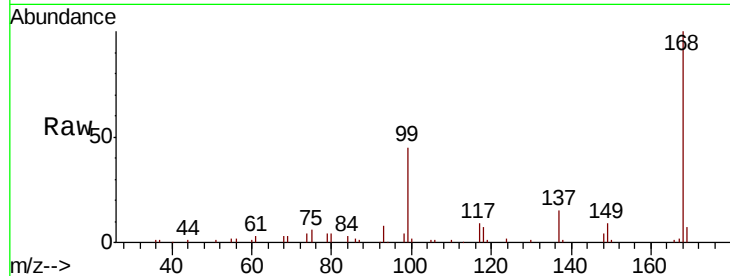
B-5(14-14.5)

Tgt Ion:168 Resp: 37466

Ion Ratio Lower Upper

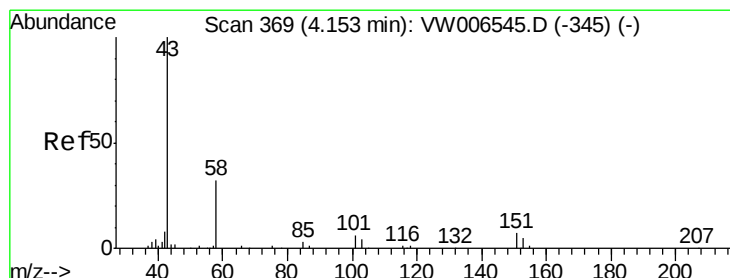
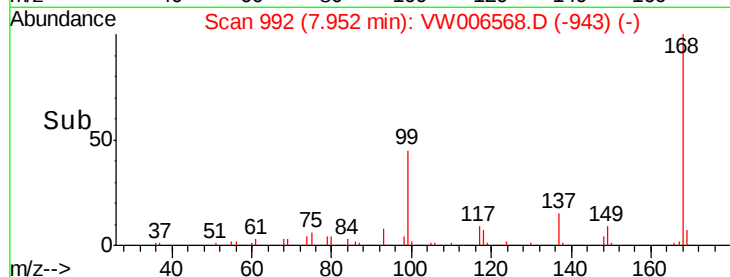
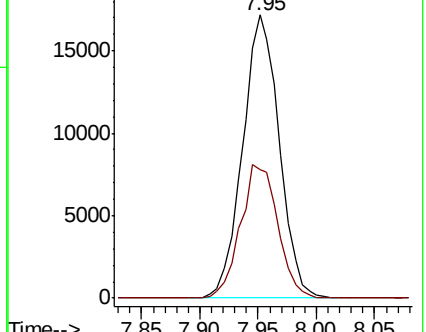
168 100

99 45.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 74.448 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006568.D

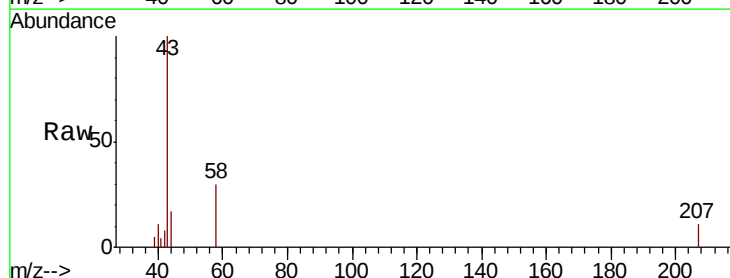
Acq: 01 Nov 2018 19:07

Tgt Ion: 43 Resp: 3871

Ion Ratio Lower Upper

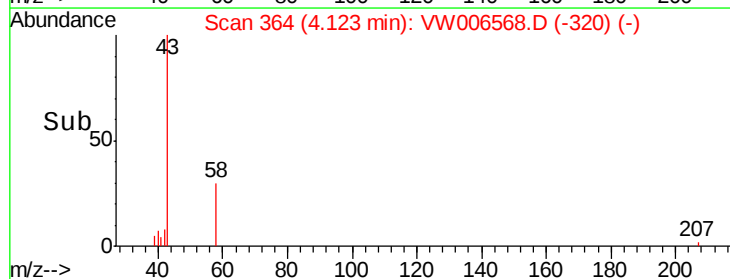
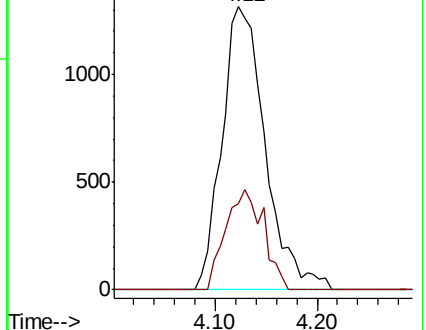
43 100

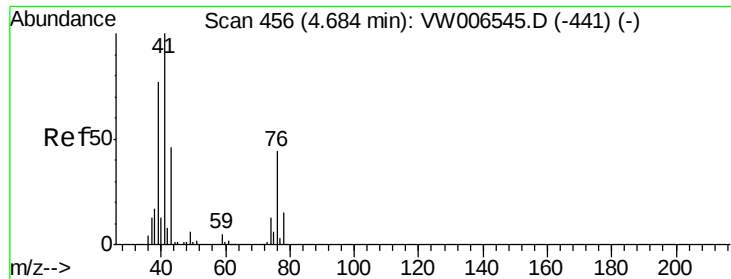
58 30.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

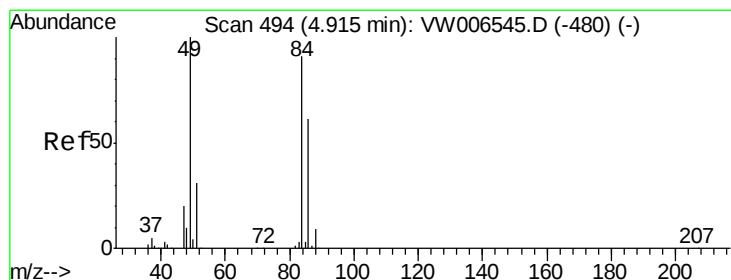
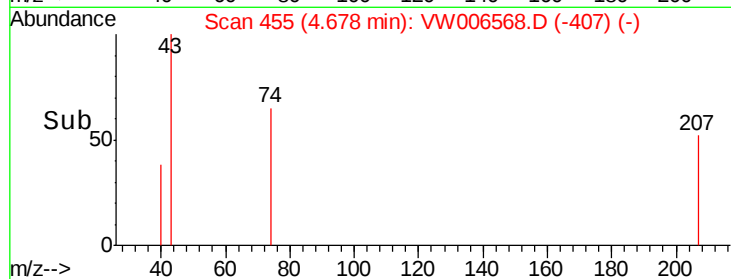
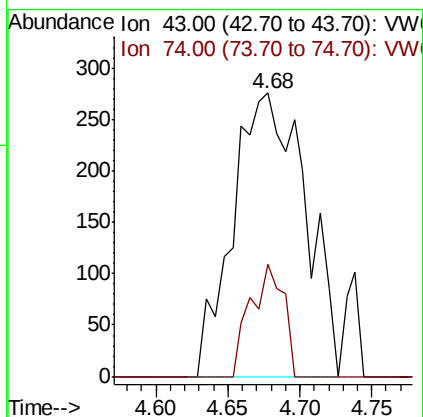
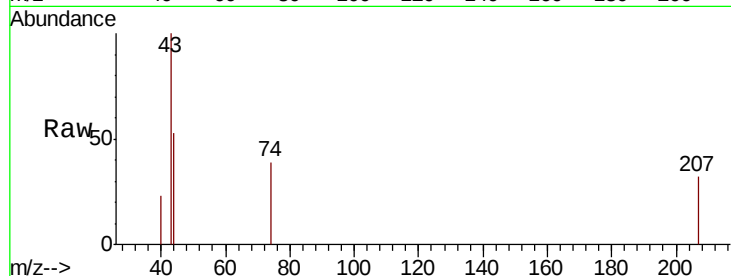




#18
Methyl Acetate
Concen: 6.468 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006568.D
Acq: 01 Nov 2018 19:07

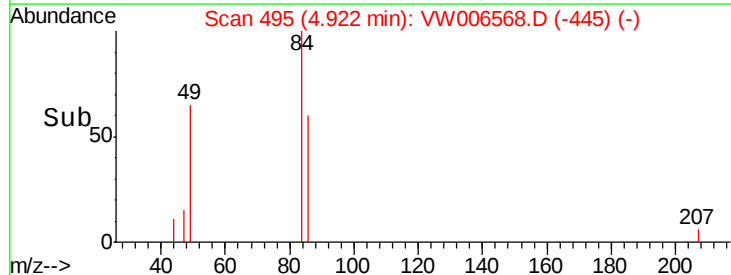
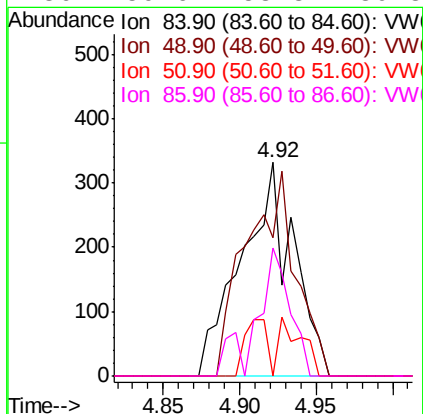
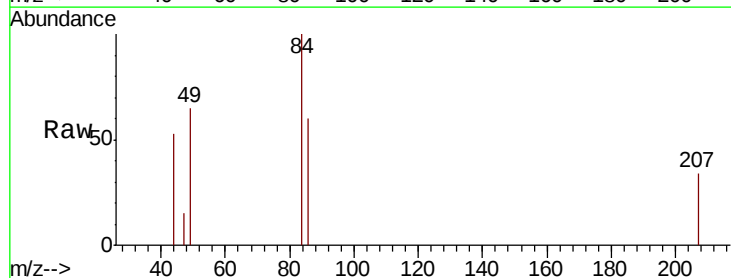
Instrument :
MSVOA_W
ClientSampleId :
B-5(14-14.5)

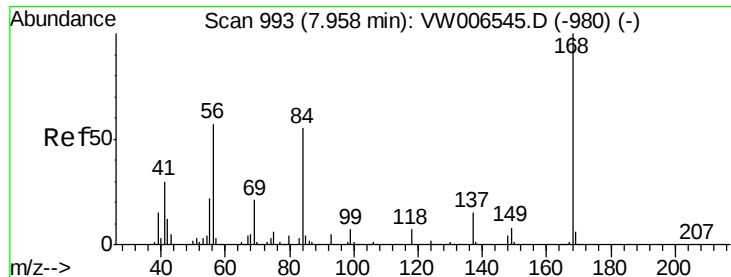
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
74 17.8 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006568.D
Acq: 01 Nov 2018 19:07

Tgt Ion: 84 Resp: 780
Ion Ratio Lower Upper
84 100
49 64.8 88.2 132.4#
51 0.0 27.0 40.6#
86 59.6 53.8 80.8

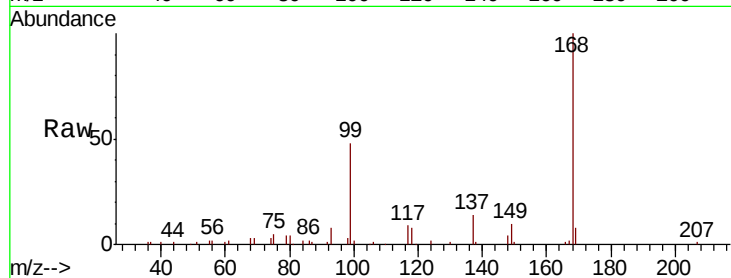




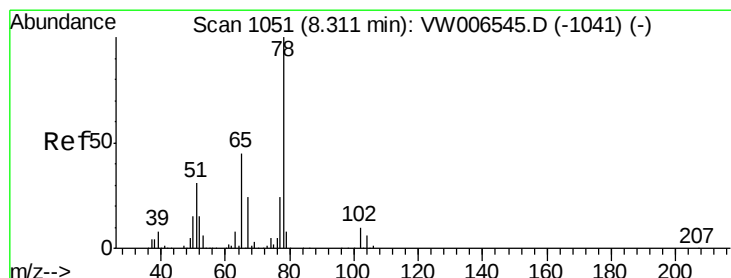
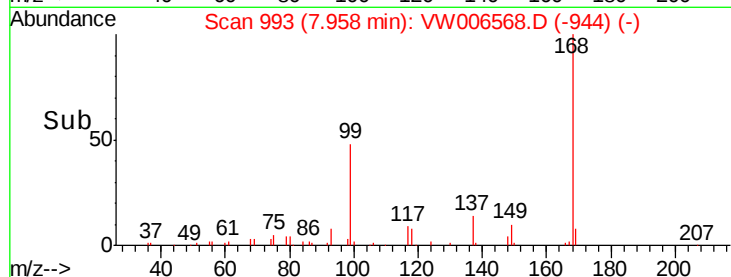
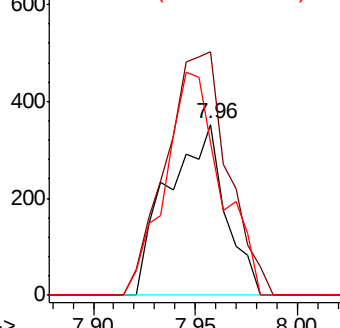
#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006568.D
Acq: 01 Nov 2018 19:07

Instrument :
MSVOA_W
ClientSampleId :
B-5(14-14.5)

Tgt Ion: 56 Resp: 688
Ion Ratio Lower Upper
56 100
69 142.6 29.0 43.4#
84 89.8 77.8 116.6

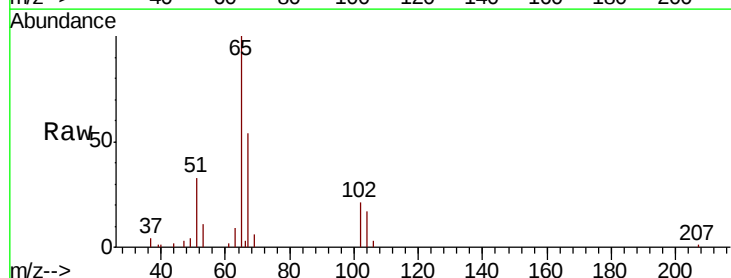


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

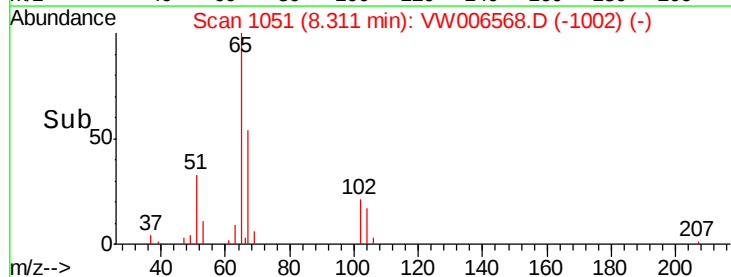
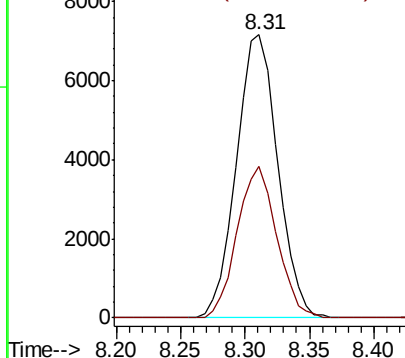


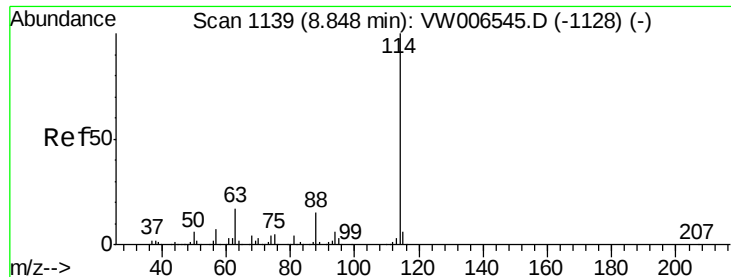
#33
1,2-Dichloroethane-d4
Concen: 49.460 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006568.D
Acq: 01 Nov 2018 19:07

Tgt Ion: 65 Resp: 15929
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

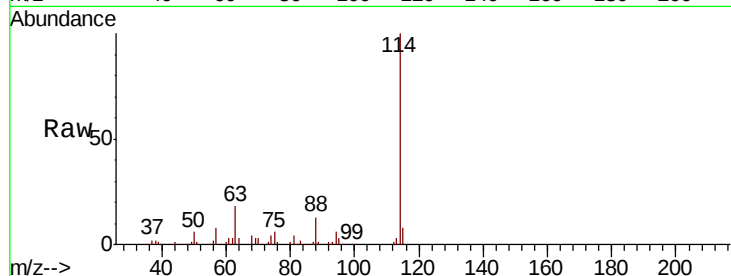




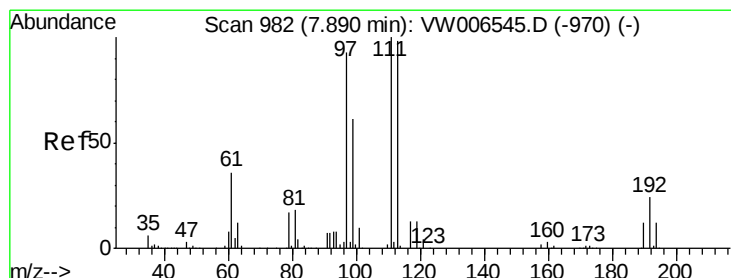
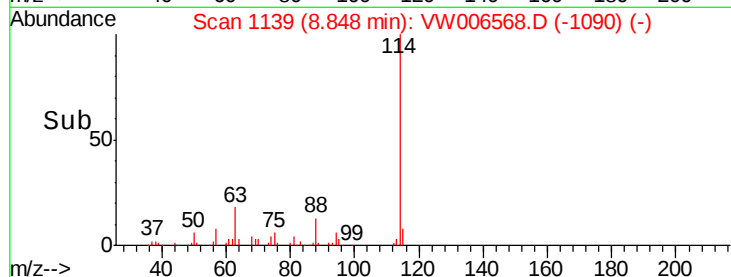
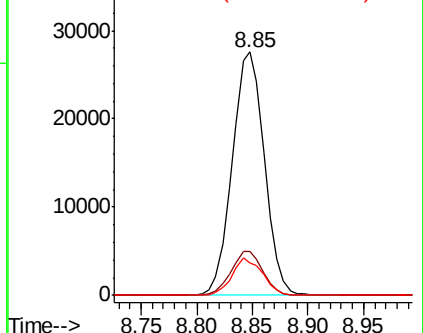
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006568.D
 Acq: 01 Nov 2018 19:07

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(14-14.5)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.4
88	13.3	0.0	29.0

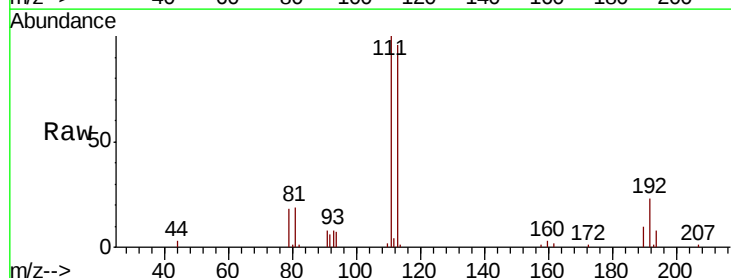


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

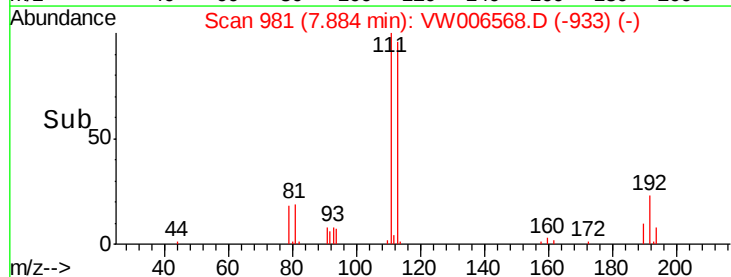
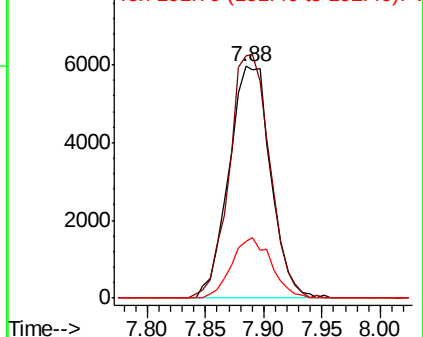


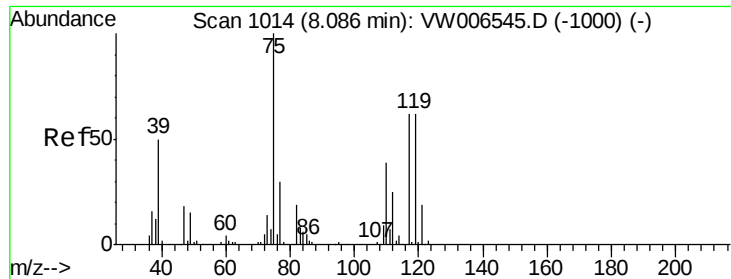
#35
 Dibromofluoromethane
 Concen: 43.214 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006568.D
 Acq: 01 Nov 2018 19:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	24.7	19.0	28.6



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

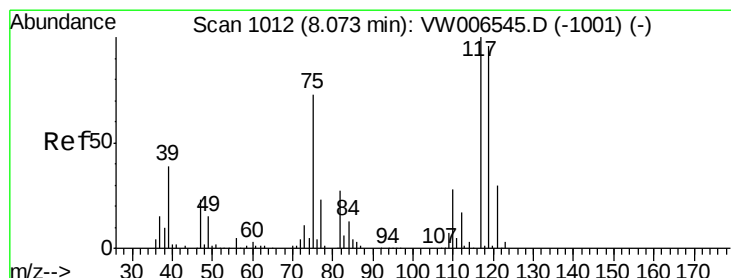
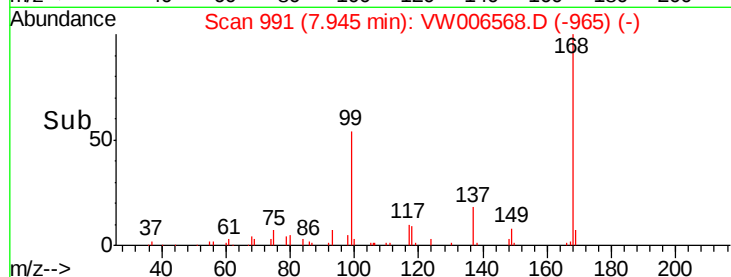
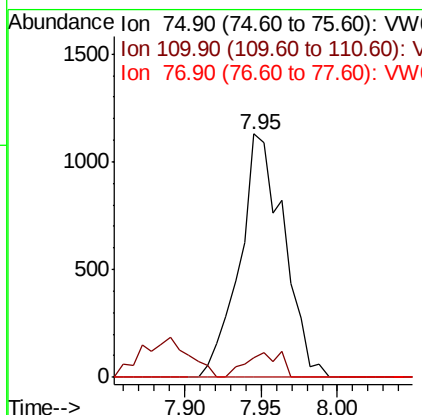
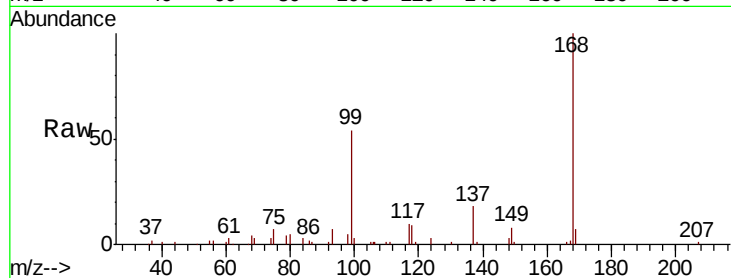




#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006568.D
 Acq: 01 Nov 2018 19:07

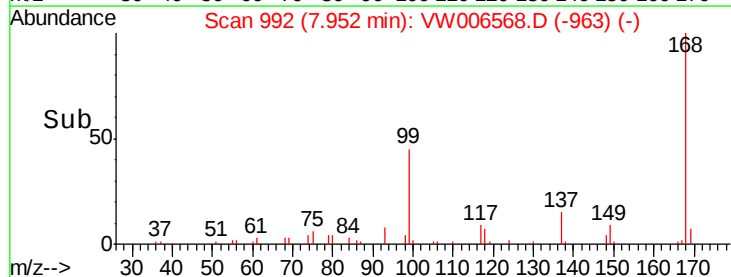
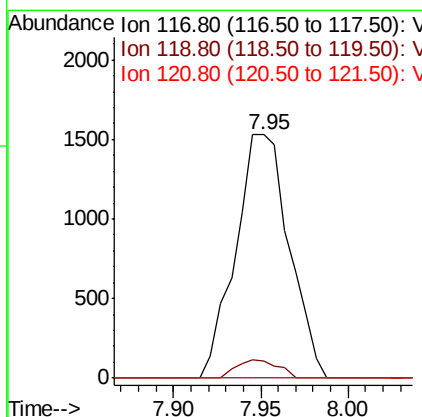
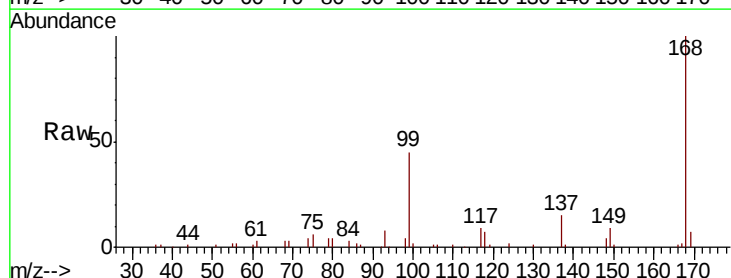
Instrument :
 MSVOA_W
 ClientSampled :
 B-5(14-14.5)

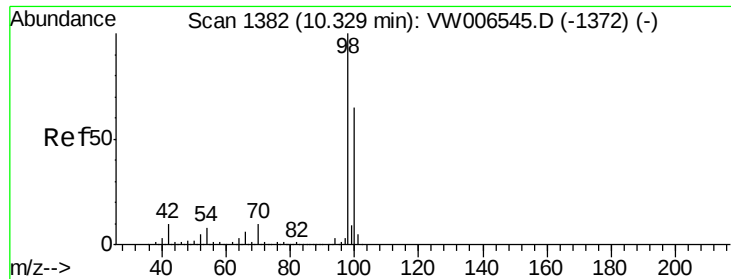
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.462 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006568.D
 Acq: 01 Nov 2018 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 37.912 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006568.D

Acq: 01 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

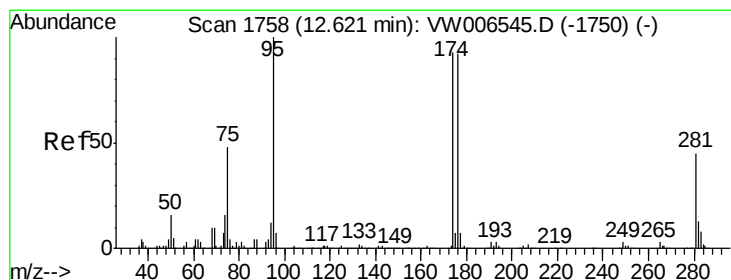
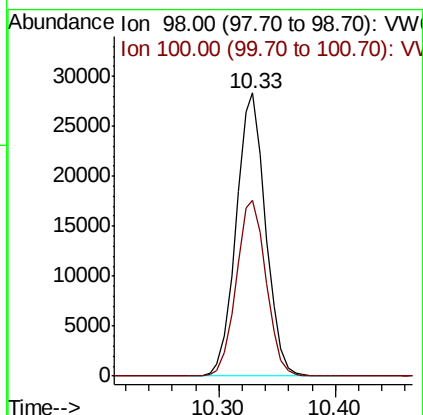
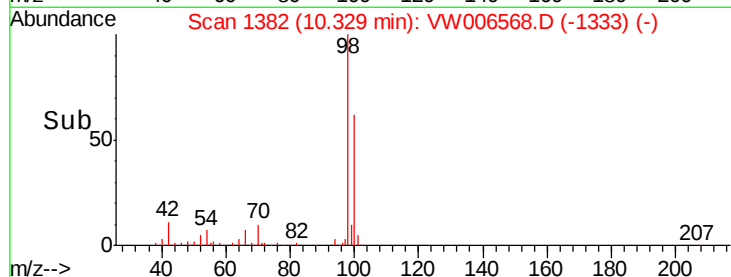
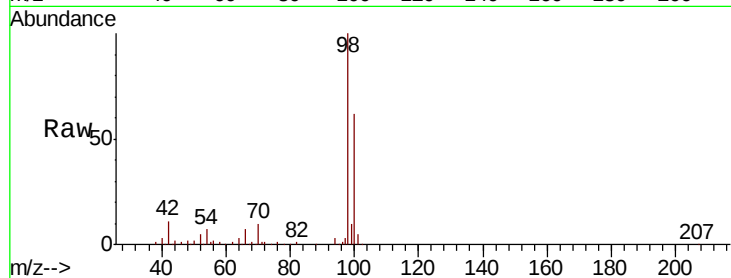
B-5(14-14.5)

Tgt Ion: 98 Resp: 49769

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 32.694 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006568.D

Acq: 01 Nov 2018 19:07

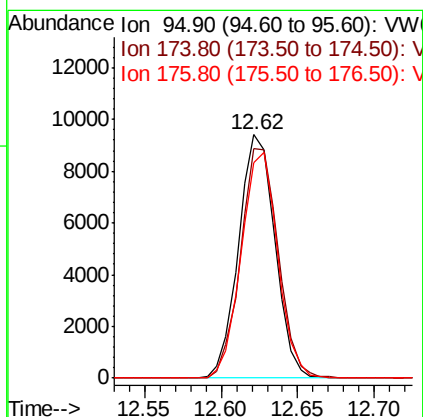
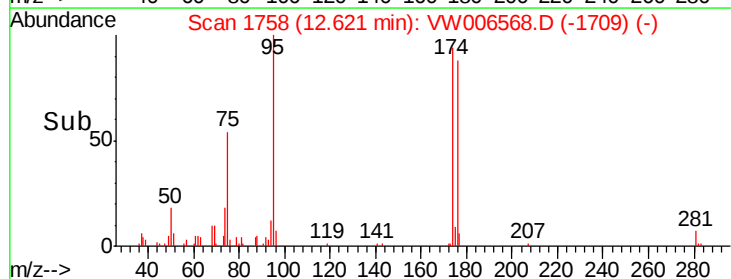
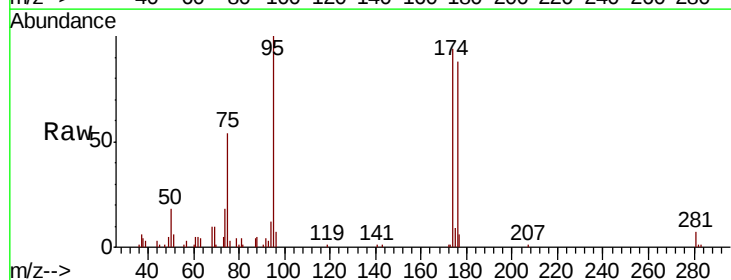
Tgt Ion: 95 Resp: 15560

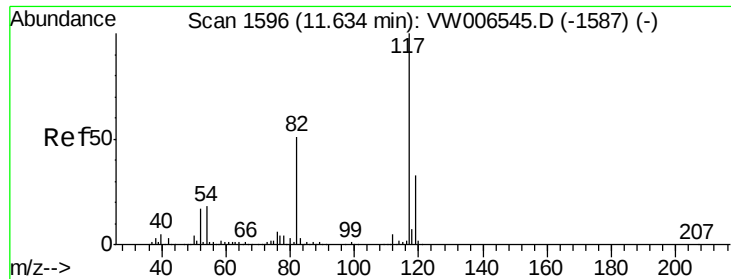
Ion Ratio Lower Upper

95 100

174 97.4 0.0 192.4

176 93.1 0.0 187.4

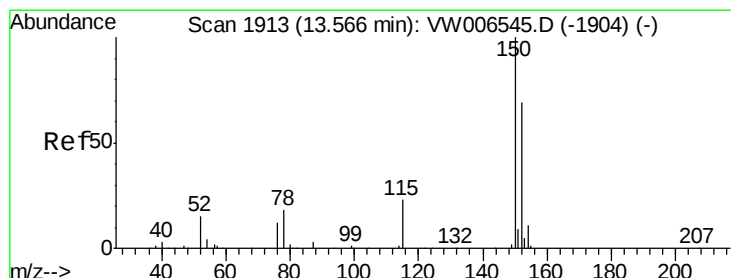
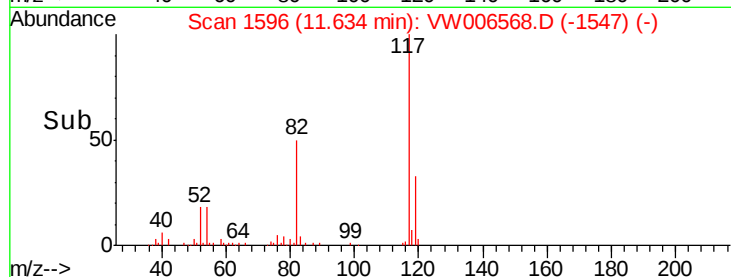
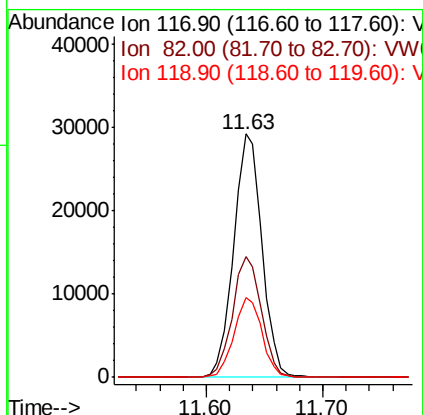
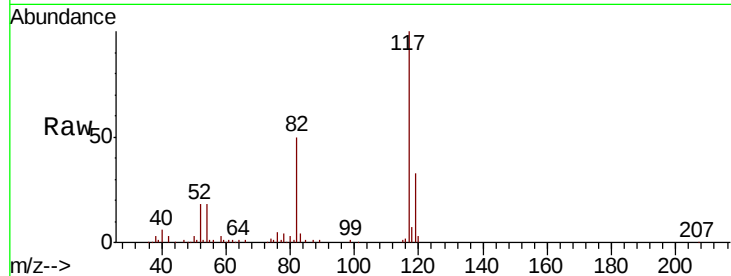




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006568.D
Acq: 01 Nov 2018 19:07

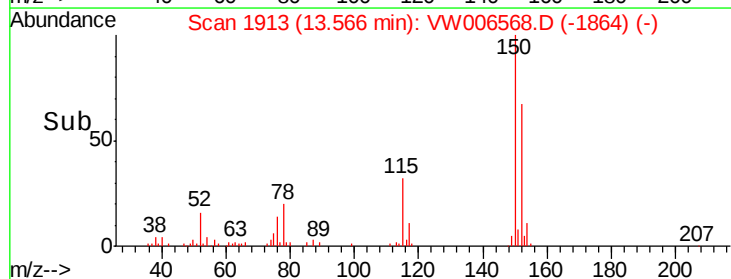
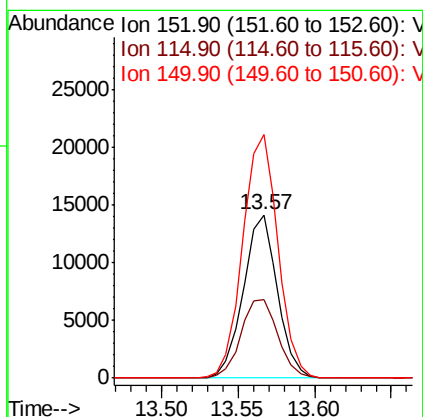
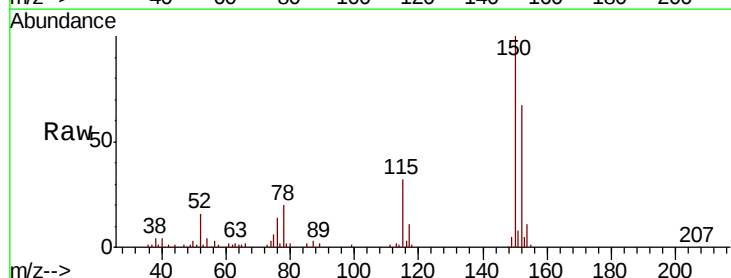
Instrument :
MSVOA_W
ClientSampleId :
B-5(14-14.5)

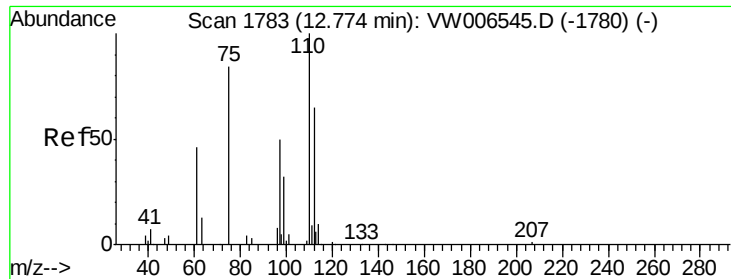
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.8	61.2
119	32.9	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006568.D
Acq: 01 Nov 2018 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.9	26.6	79.8
150	153.6	0.0	344.6

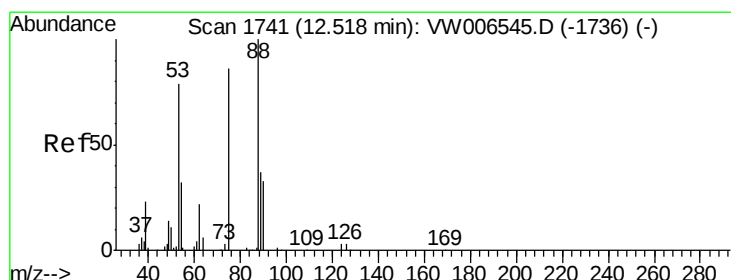
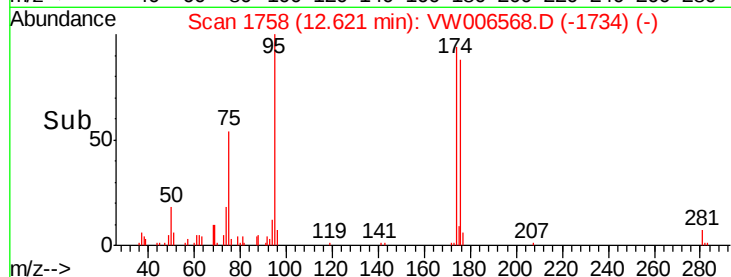
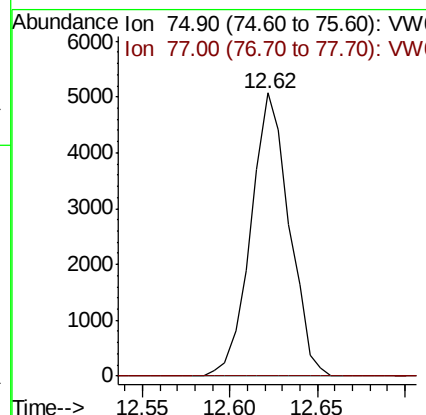
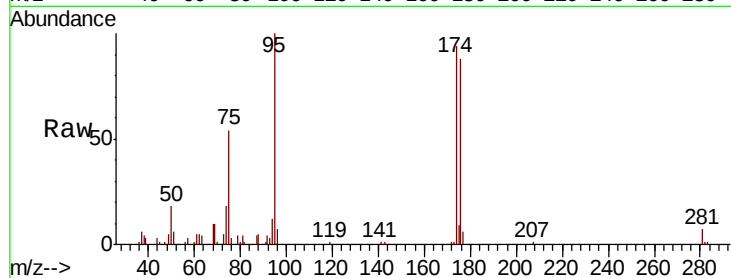




#76
 1,2,3-Trichloropropane
 Concen: 45.303 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006568.D
 Acq: 01 Nov 2018 19:07

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(14-14.5)

Tgt Ion: 75 Resp: 7720
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.738 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006568.D
 Acq: 01 Nov 2018 19:07

Tgt Ion: 75 Resp: 7720
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.0 38.6 58.0#

