

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007270.D
 Acq On : 06 Dec 2018 10:02
 Operator : SY/AP
 Sample : J6214-01
 Misc : 3.88G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:40:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

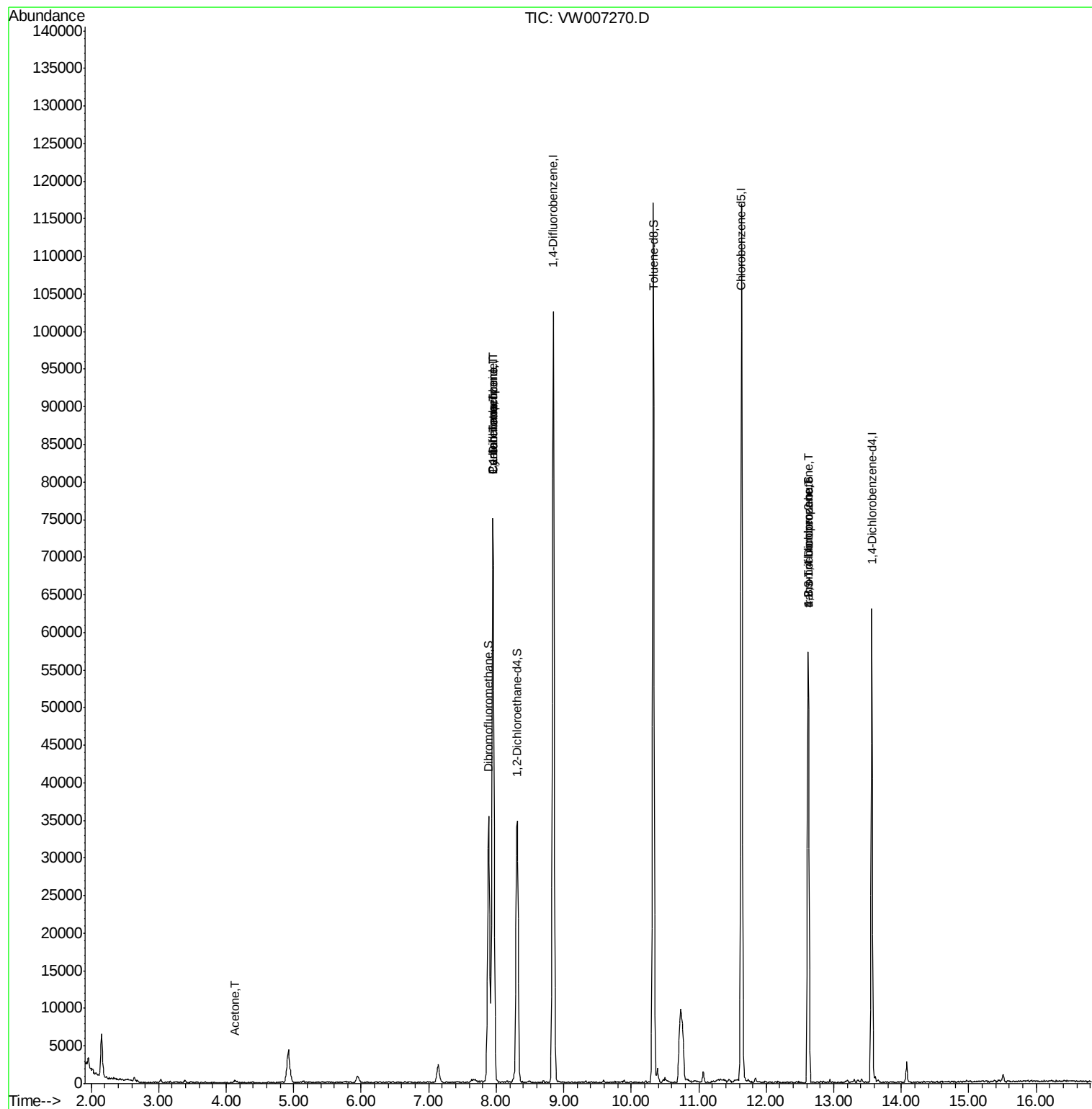
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	55689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	90834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	67170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30594	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
35) Dibromofluoromethane	7.88	113	26045	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.33	98	80778	35.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.52%	
62) 4-Bromofluorobenzene	12.62	95	18789	21.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	44	Below Cal	#	75
16) Acetone	4.13	43	713	5.809	ug/l #	45
31) Cyclohexane	7.95	56	1244	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4191	4.742	ug/l #	49
38) Carbon Tetrachloride	7.95	117	5875	6.513	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	9597	74.005	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9597	159.506	ug/l #	13

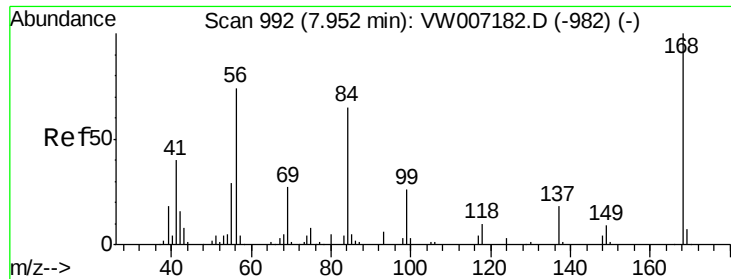
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 05 01:35:23 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: VW007270.D

Acq: 06 Dec 2018 10:02

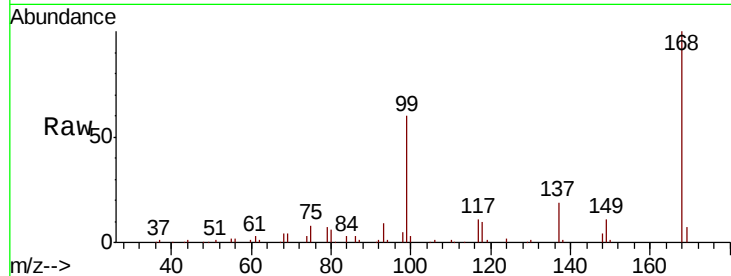
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 55689

Ion Ratio Lower Upper

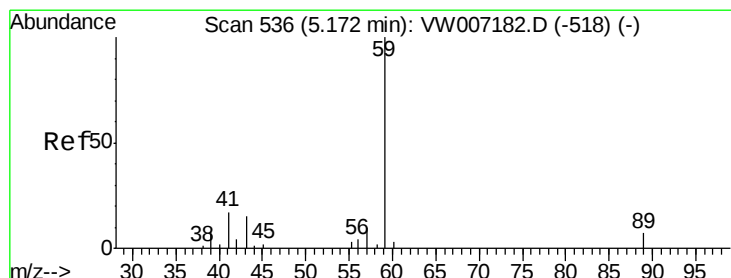
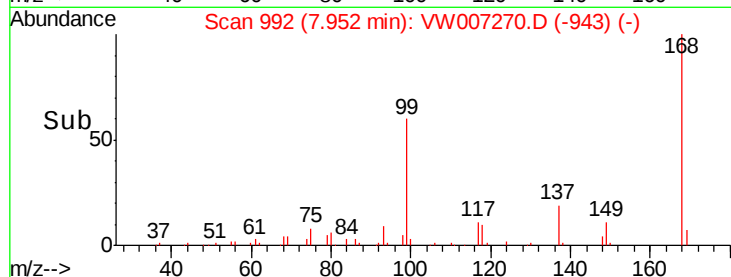
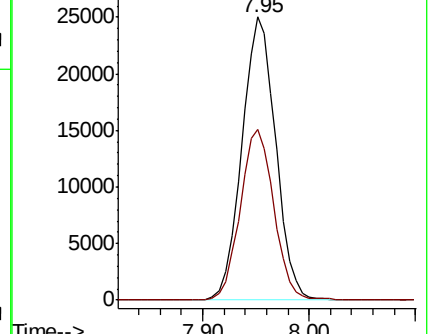
168 100

99 60.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007270.D

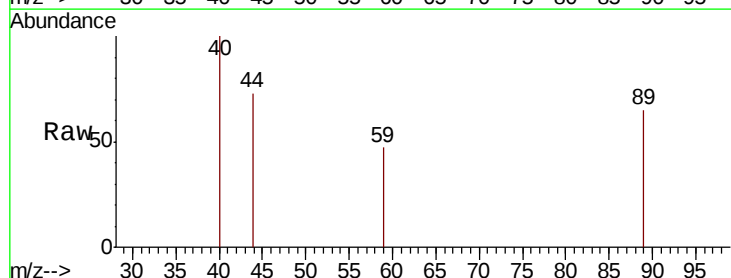
Acq: 06 Dec 2018 10:02

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

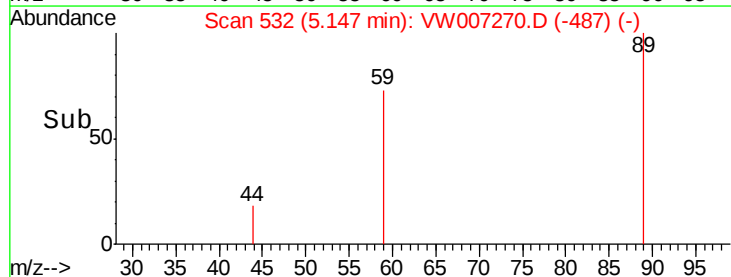
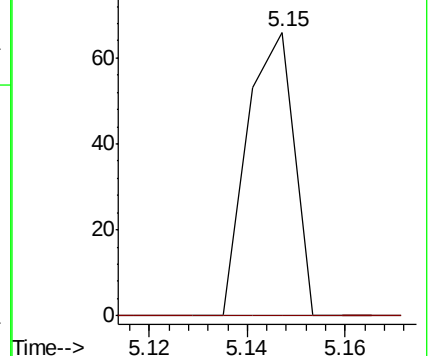
59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

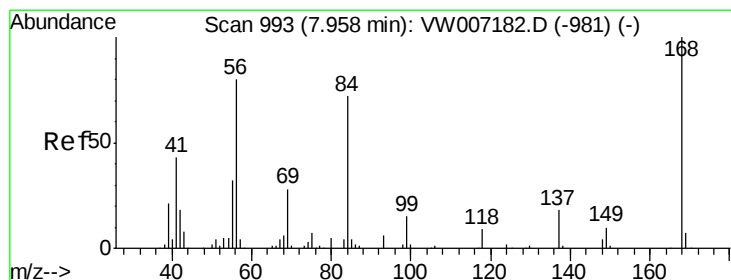
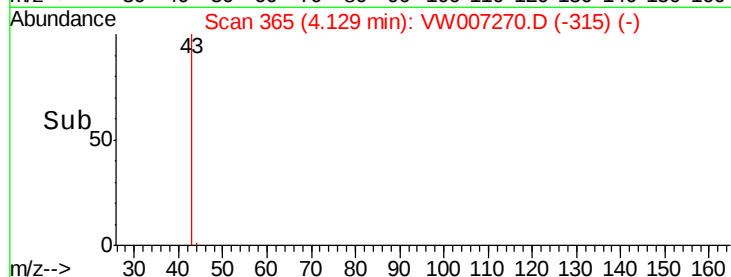
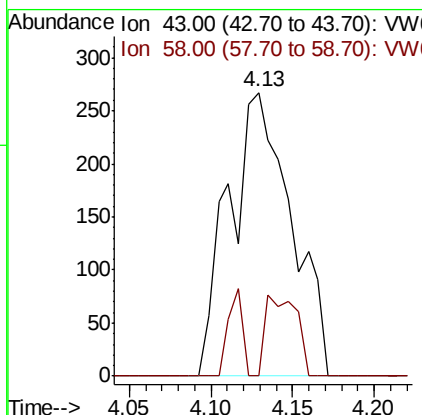
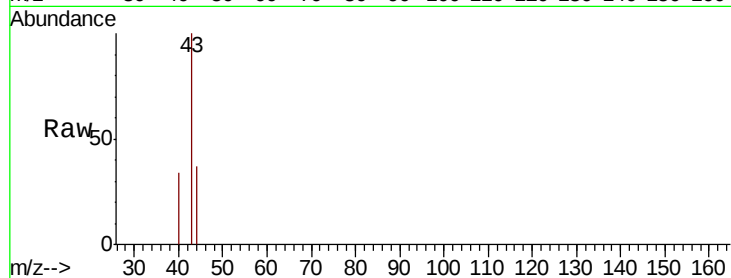




#16
Acetone
Concen: 5.809 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007270.D
Acq: 06 Dec 2018 10:02

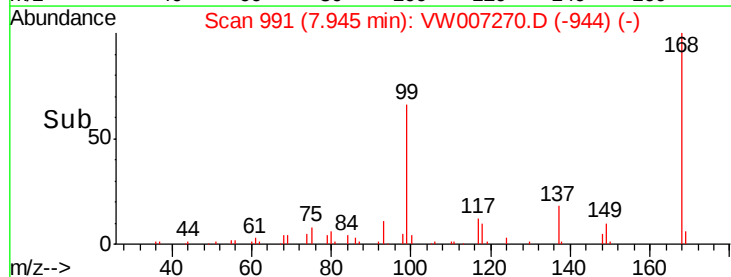
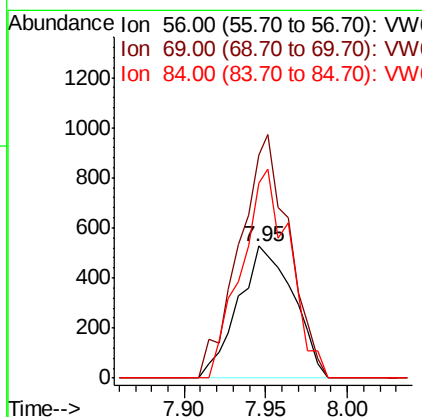
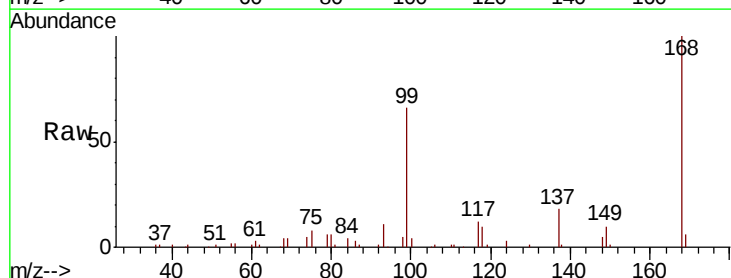
Instrument :
MSVOA_W
ClientSampleId :

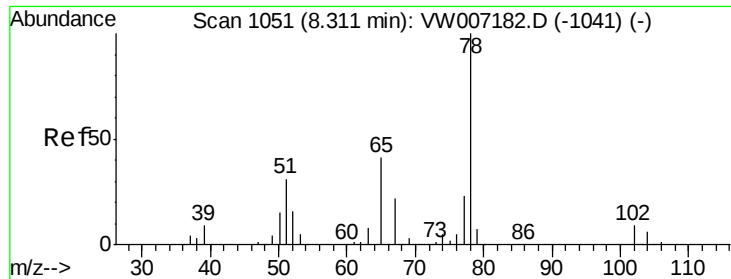
Tot Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007270.D
Acq: 06 Dec 2018 10:02

Tgt Ion: 56 Resp: 1244
Ion Ratio Lower Upper
56 100
69 168.8 28.2 42.2#
84 147.2 72.1 108.1#

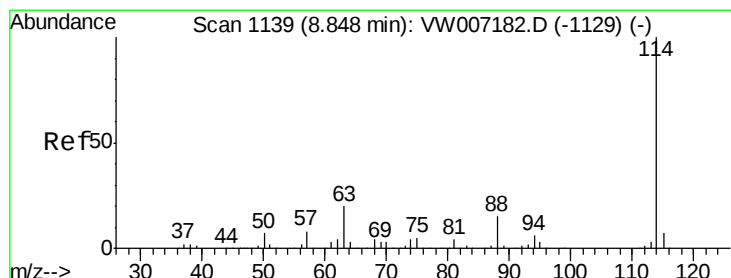
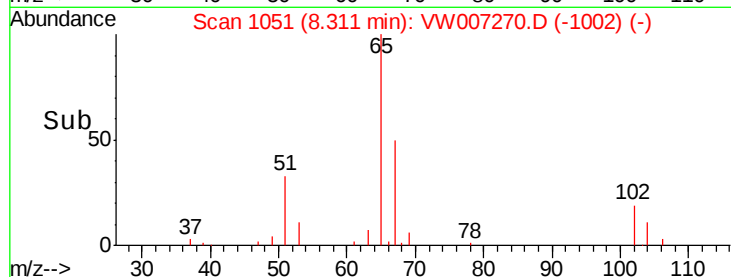
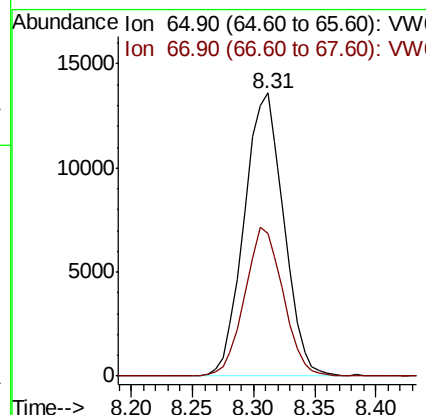
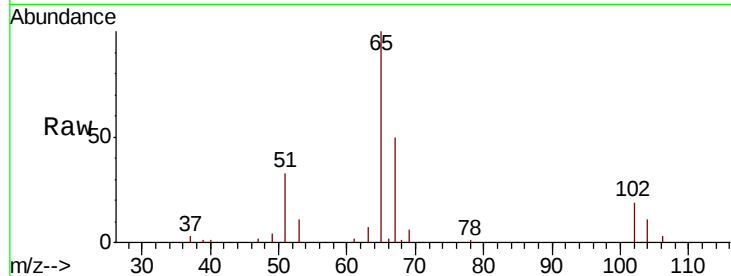




#33
 1,2-Dichloroethane-d4
 Concen: 59.006 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007270.D
 Acq: 06 Dec 2018 10:02

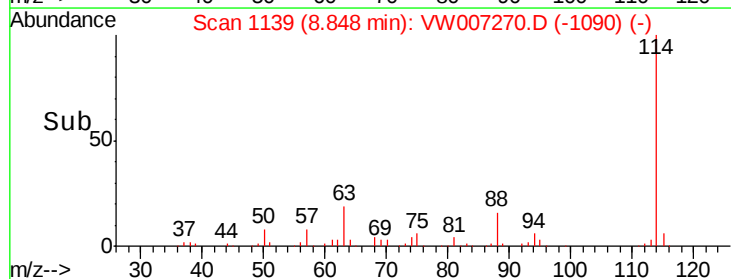
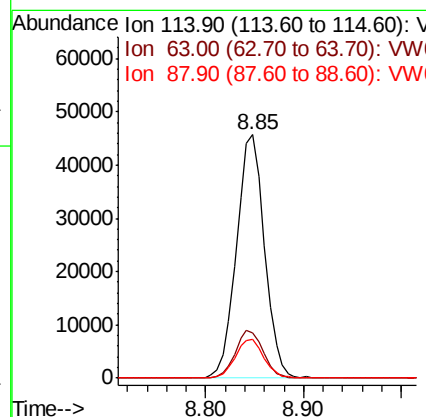
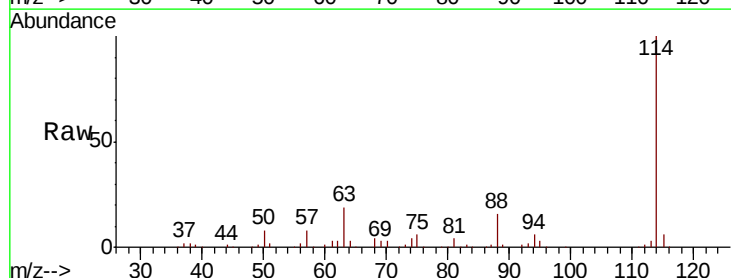
Instrument :
 MSVOA_W
 ClientSampled :

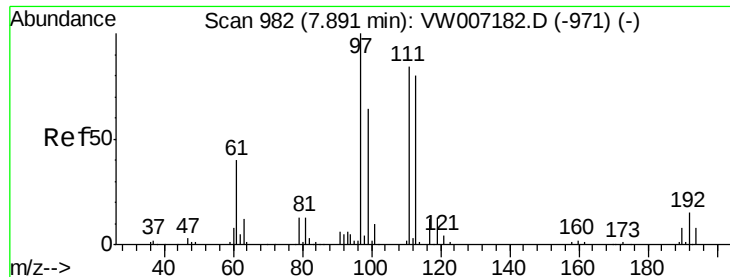
Tot Ion: 65 Resp: 30594
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007270.D
 Acq: 06 Dec 2018 10:02

Tgt Ion: 114 Resp: 90834
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.2
 88 16.1 0.0 30.0

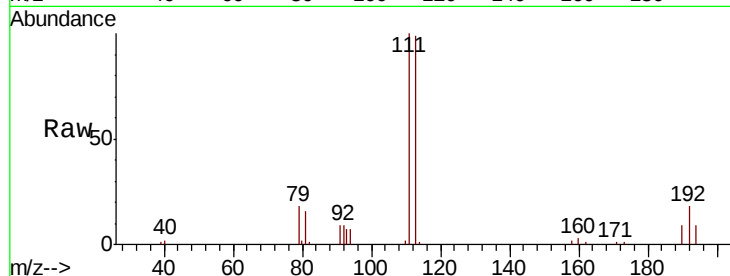




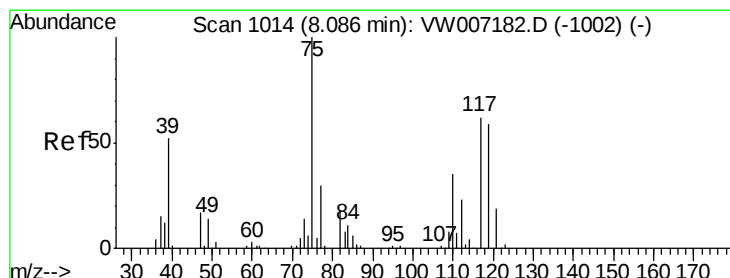
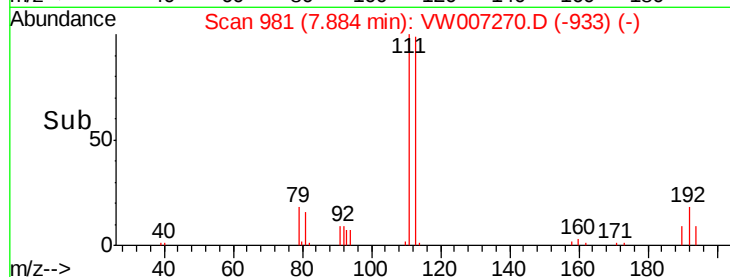
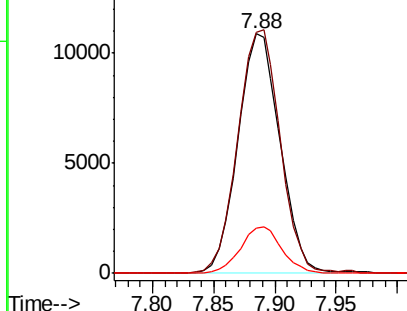
#35
 Dibromofluoromethane
 Concen: 50.076 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007270.D
 Acq: 06 Dec 2018 10:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	19.0	14.4	21.6

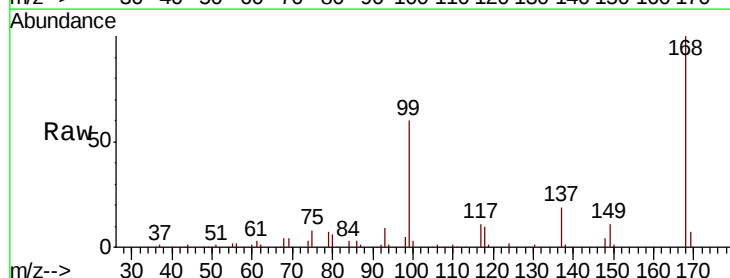


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

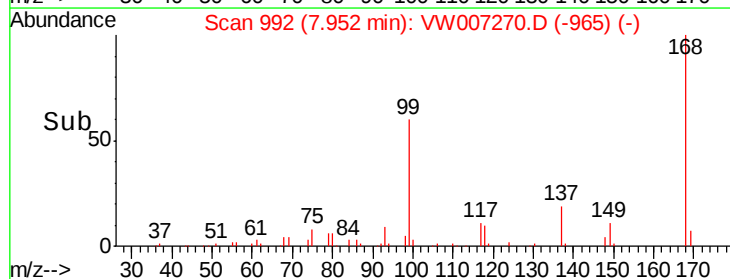
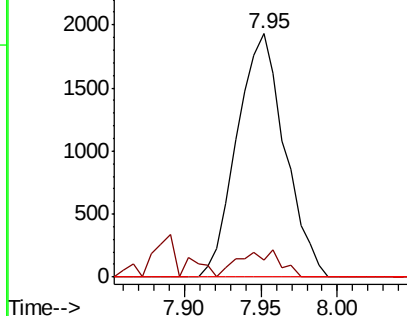


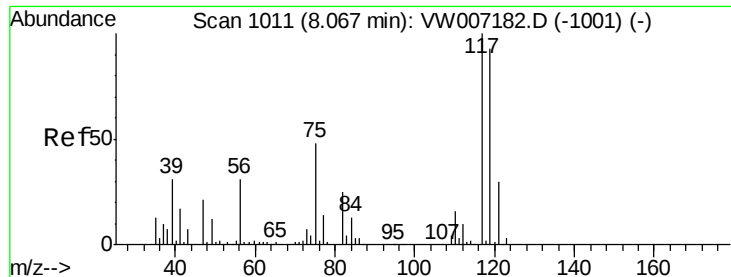
#36
 1,1-Dichloropropene
 Concen: 4.742 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007270.D
 Acq: 06 Dec 2018 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.9#
77	0.0	24.9	37.3#



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: 6.513 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007270.D

Acq: 06 Dec 2018 10:02

Instrument :

MSVOA_W

ClientSampleId :

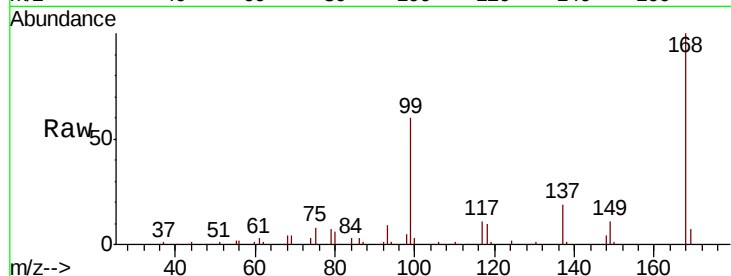
Tot Ion:117 Resp: 5875

Ion Ratio Lower Upper

117 100

119 4.6 74.1 111.1#

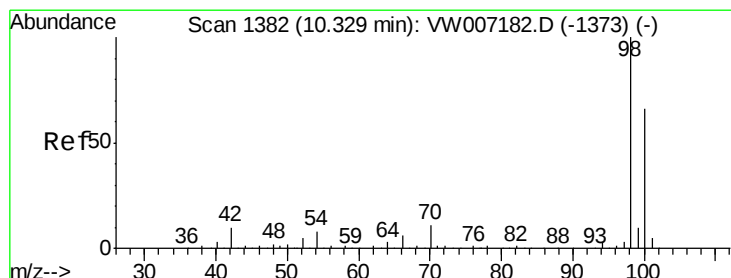
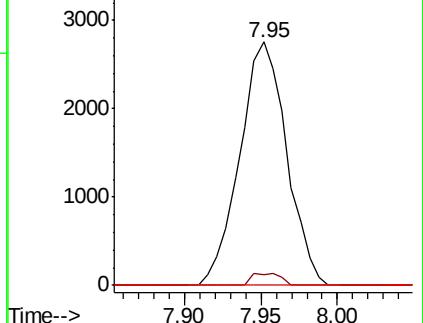
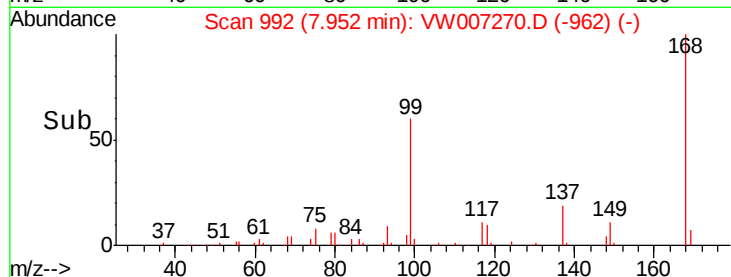
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 35.257 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007270.D

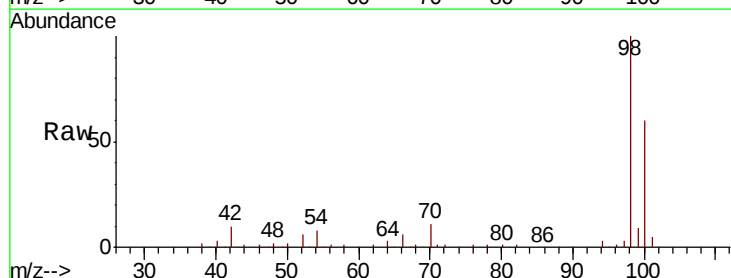
Acq: 06 Dec 2018 10:02

Tgt Ion: 98 Resp: 80778

Ion Ratio Lower Upper

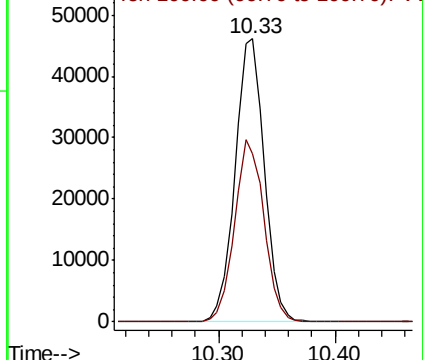
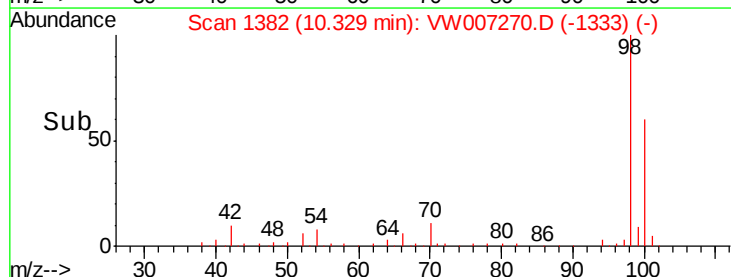
98 100

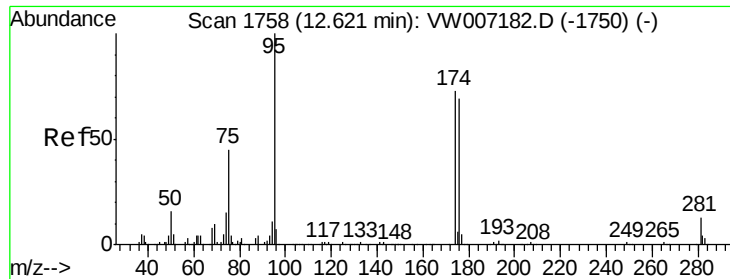
100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

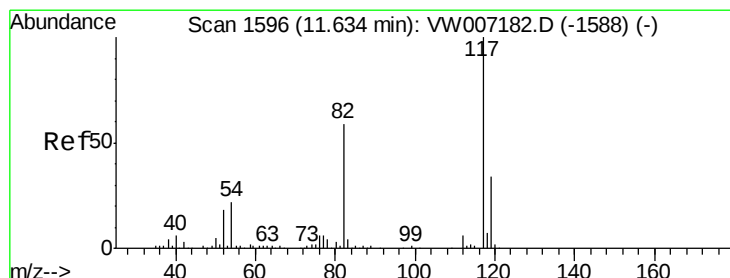
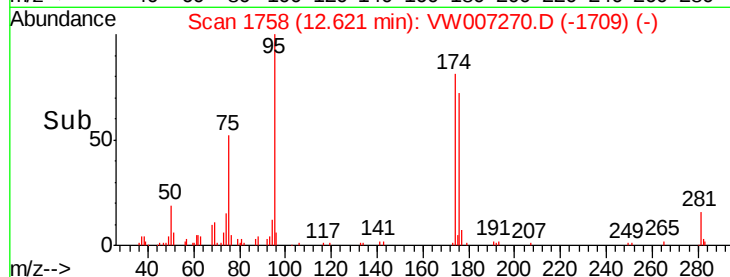
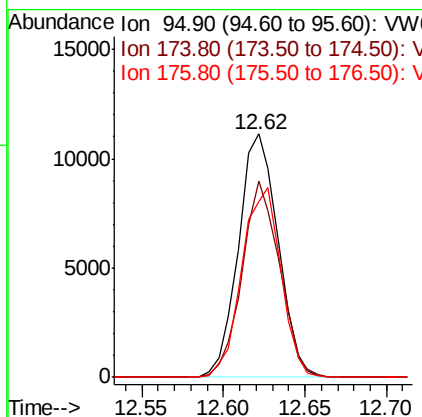
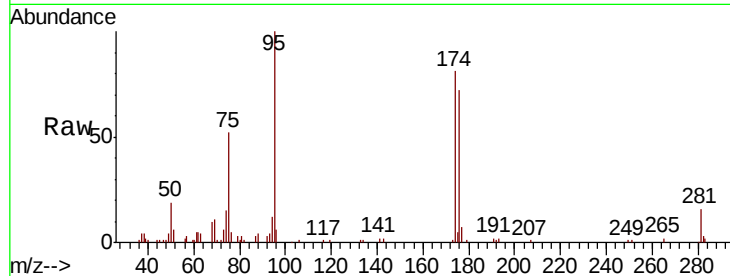




#62
4-Bromofluorobenzene
Concen: 21.727 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007270.D
Acq: 06 Dec 2018 10:02

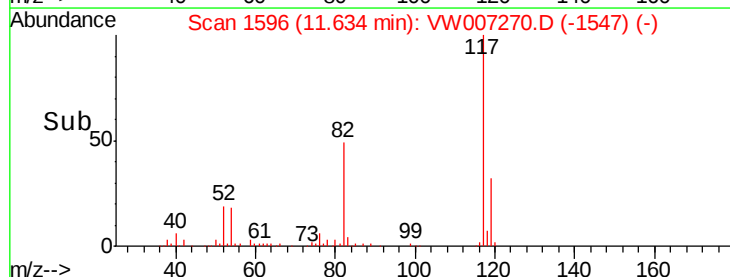
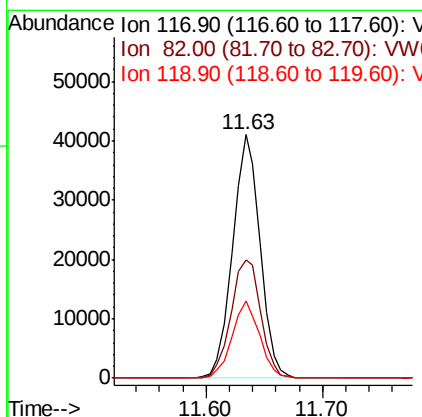
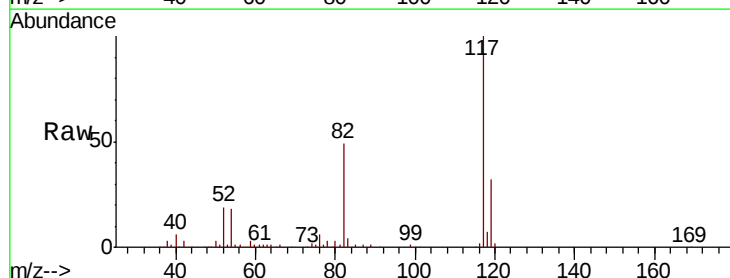
Instrument :
MSVOA_W
ClientSampled :

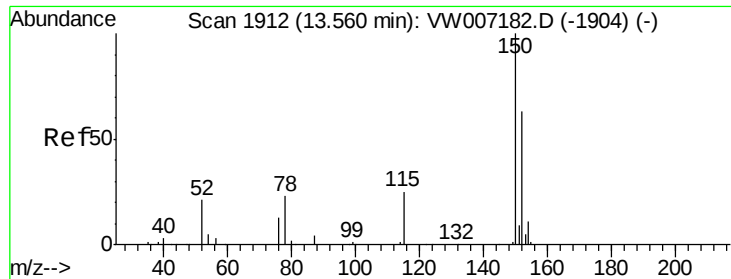
Tot Ion	95	Resp	18789
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	148.0
176	76.8	0.0	139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007270.D
Acq: 06 Dec 2018 10:02

Tgt Ion	117	Resp	67170
Ion Ratio	Lower	Upper	
117	100		
82	48.6	47.4	71.2
119	31.7	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007270.D

Acq: 06 Dec 2018 10:02

Instrument :

MSVOA_W

ClientSampleId :

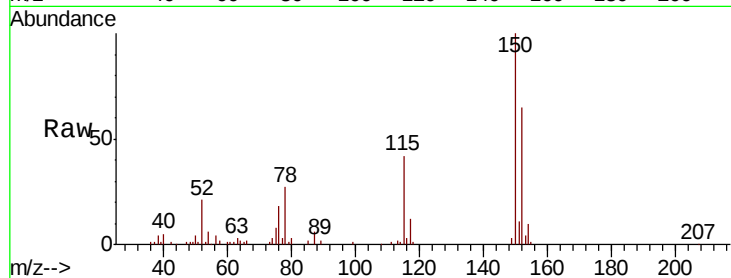
Tot Ion:152 Resp: 16748

Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

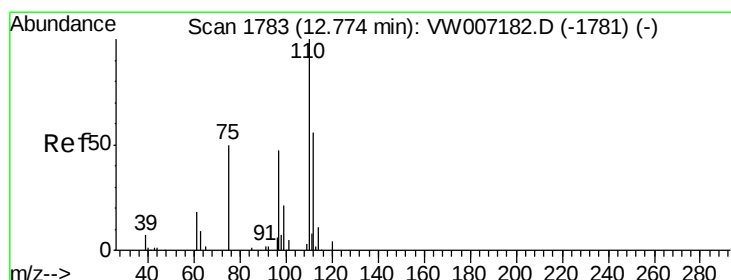
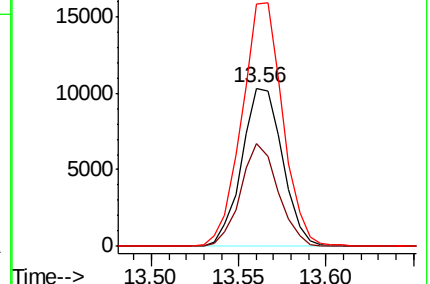
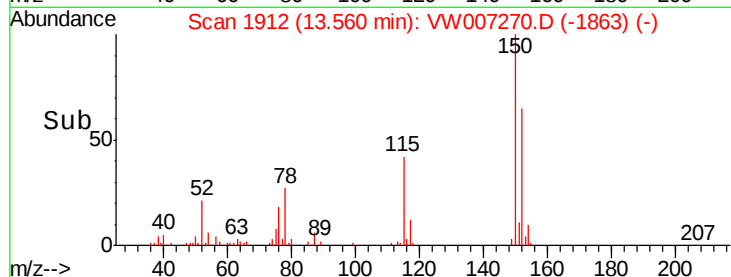
150 154.3 0.0 358.0



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



#76

1,2,3-Trichloropropane

Concen: 74.005 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007270.D

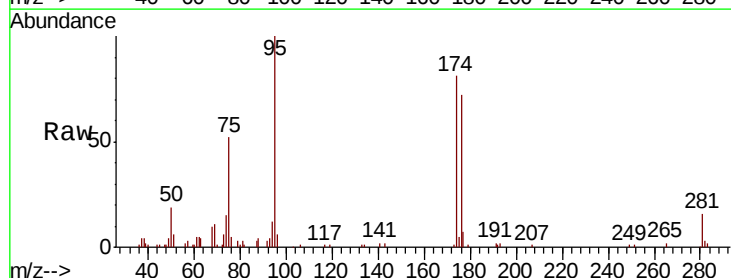
Acq: 06 Dec 2018 10:02

Tgt Ion: 75 Resp: 9597

Ion Ratio Lower Upper

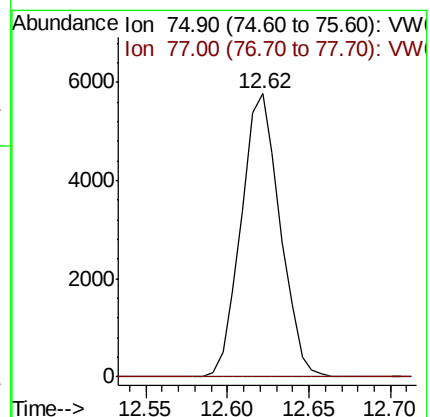
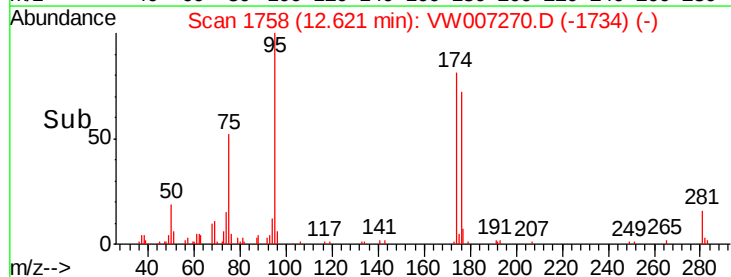
75 100

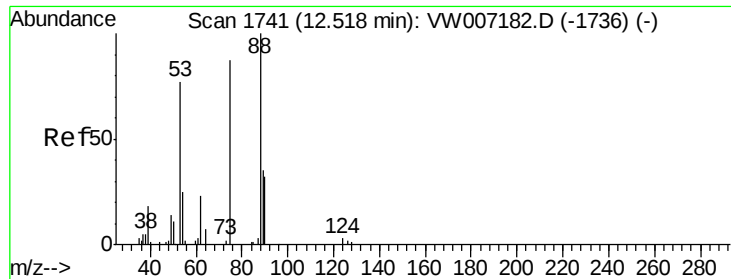
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 159.506 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007270.D

Acq: 06 Dec 2018 10:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 9597

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

