

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007216.D
 Acq On : 05 Dec 2018 05:42
 Operator : SY/AP
 Sample : J6210-02
 Misc : 6.38G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1(9)

Quant Time: Dec 05 07:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

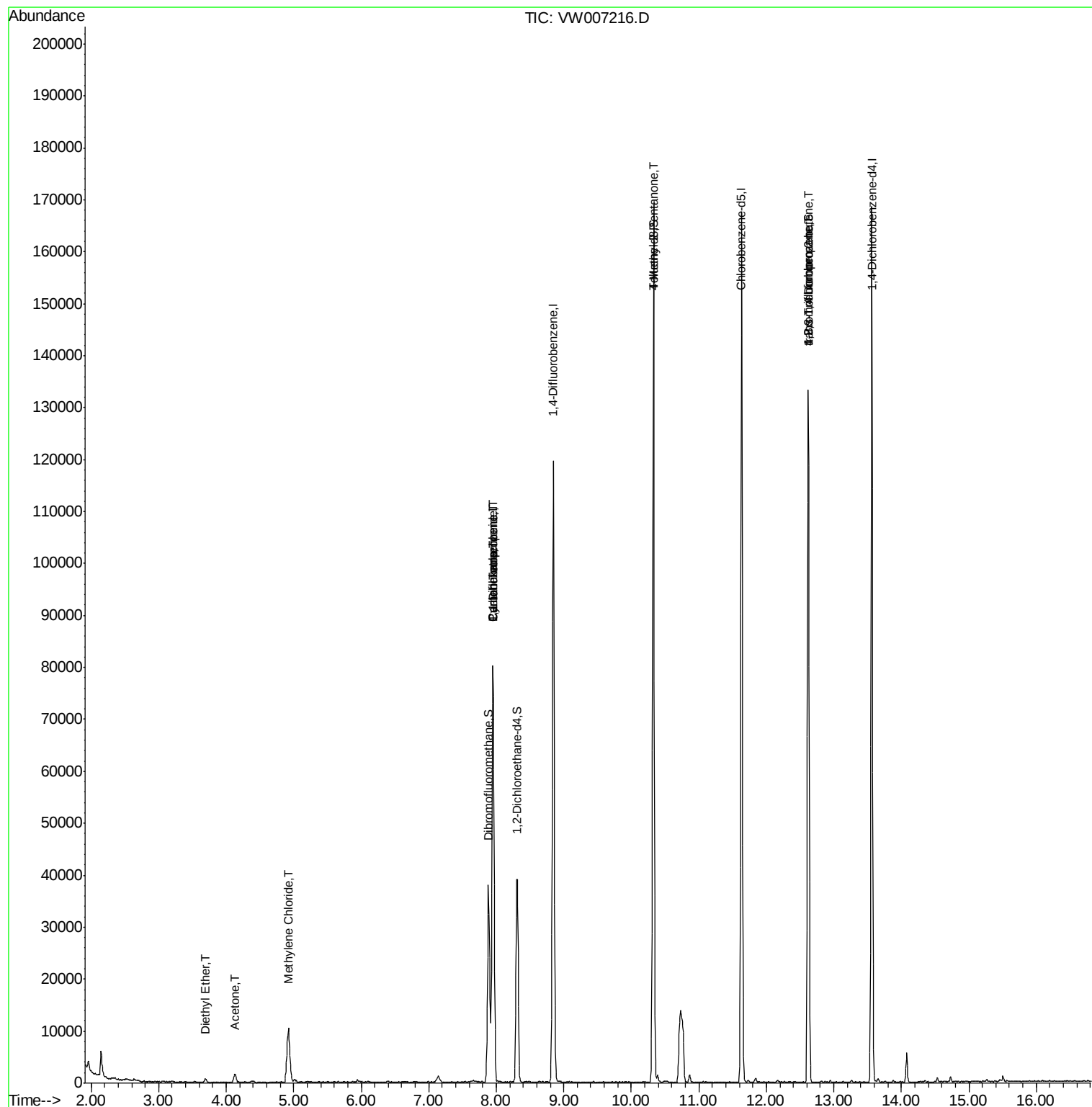
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	103197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32926	58.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.26%	
35) Dibromofluoromethane	7.89	113	28047	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.33	98	115193	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
62) 4-Bromofluorobenzene	12.62	95	44176	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.69	74	416	1.463	ug/l	64
16) Acetone	4.13	43	2863	21.536	ug/l	95
20) Methylene Chloride	4.93	84	8373	8.141	ug/l	90
31) Cyclohexane	7.95	56	1212	1.088	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	4662	4.643	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6209	6.058	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	432	1.243	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	22276	31.836	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22276	133.171	ug/l #	13

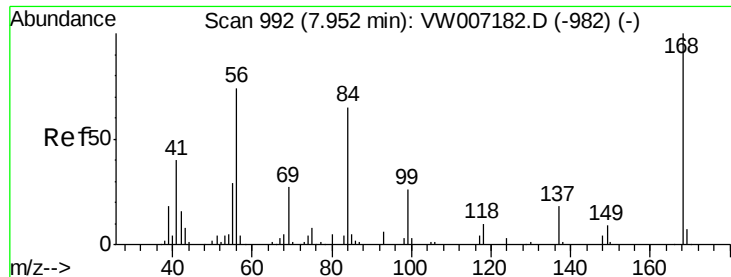
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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WC-1(9)

Quant Time: Dec 05 07:27:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 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: VW007216.D

Acq: 05 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

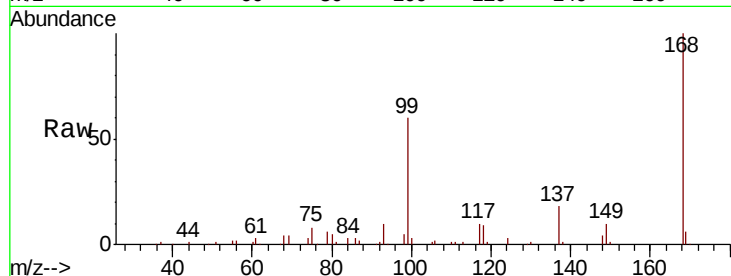
WC-1(9)

Tot Ion:168 Resp: 60314

Ion Ratio Lower Upper

168 100

99 60.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

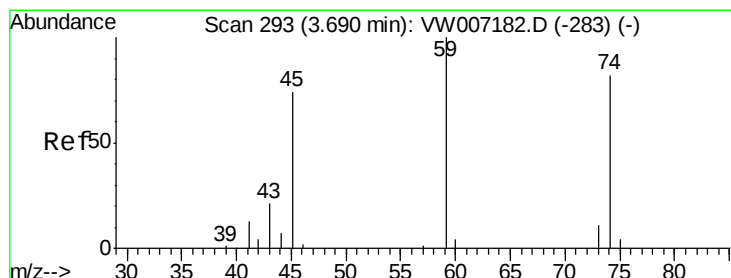
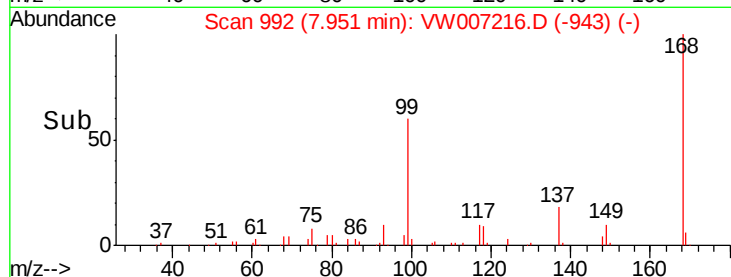
10000

5000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.463 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007216.D

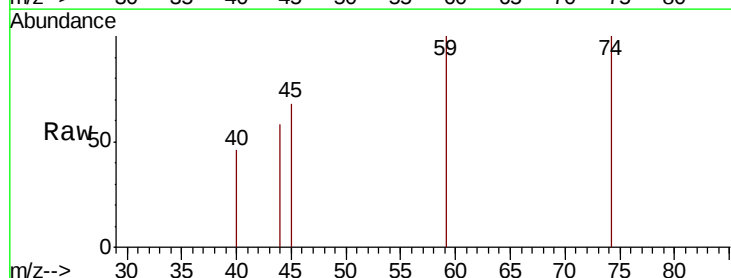
Acq: 05 Dec 2018 05:42

Tgt Ion: 74 Resp: 416

Ion Ratio Lower Upper

74 100

45 59.4 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

250

200

150

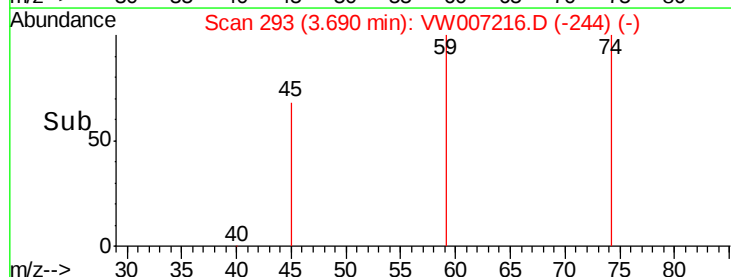
100

50

0

Time-->

3.65 3.70 3.75





#16

Acetone

Concen: 21.536 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007216.D

Acq: 05 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

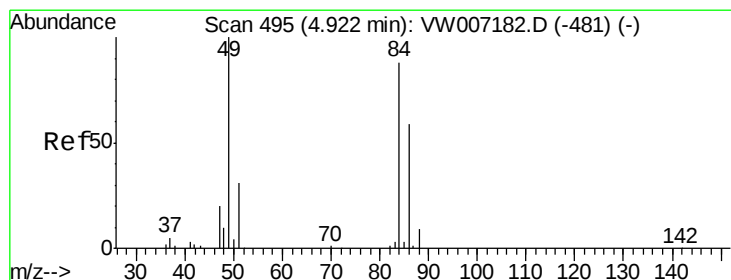
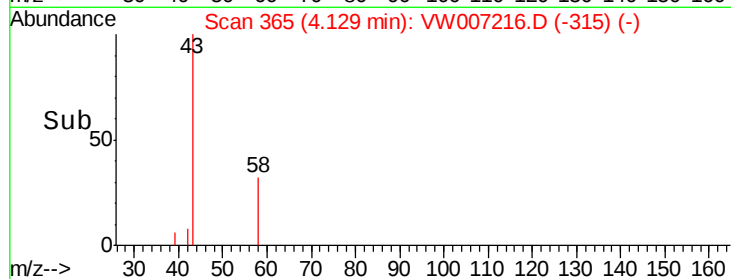
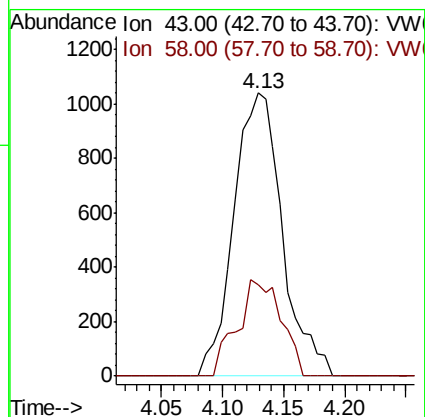
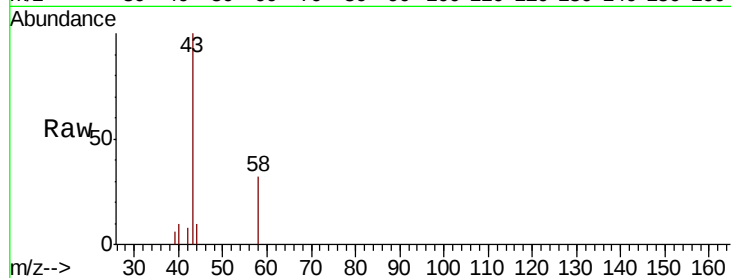
WC-1(9)

Tot Ion: 43 Resp: 2863

Ion Ratio Lower Upper

43 100

58 32.4 23.8 35.8



#20

Methylene Chloride

Concen: 8.141 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007216.D

Acq: 05 Dec 2018 05:42

Tgt Ion: 84 Resp: 8373

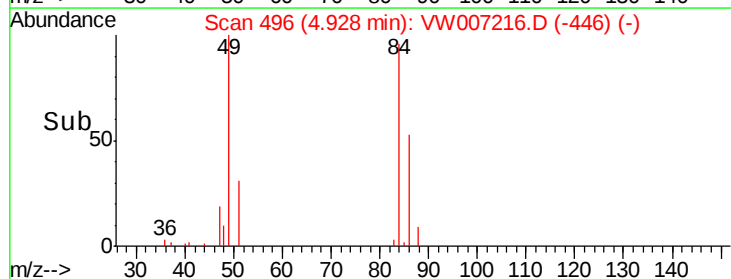
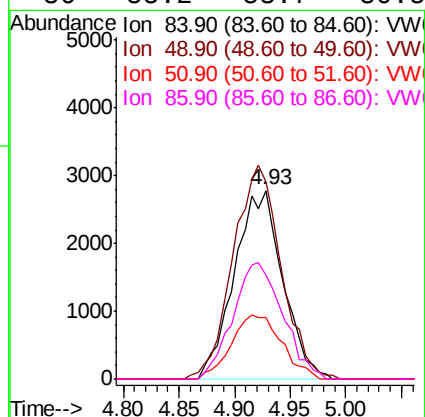
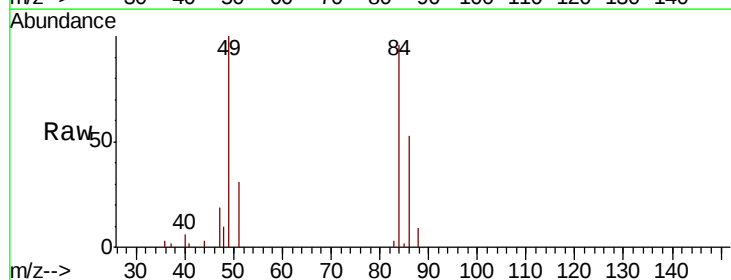
Ion Ratio Lower Upper

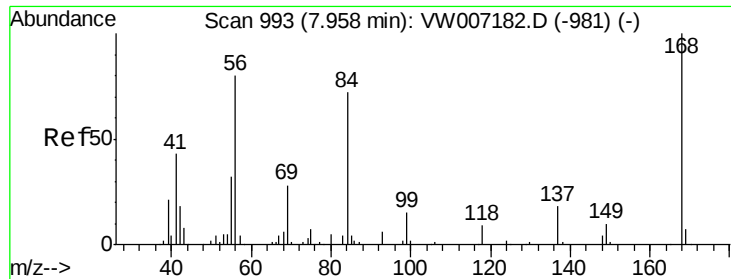
84 100

49 104.3 90.6 135.8

51 32.6 27.6 41.4

86 55.2 53.7 80.5

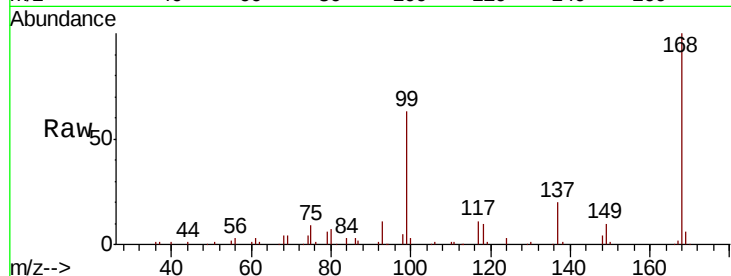




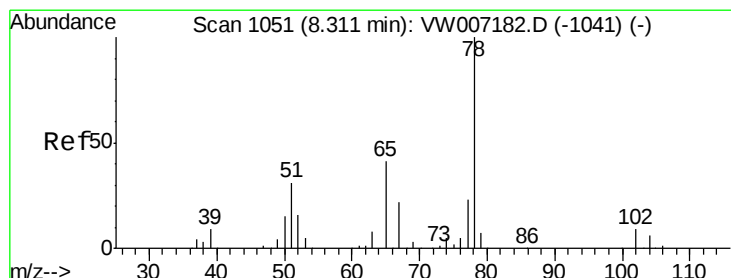
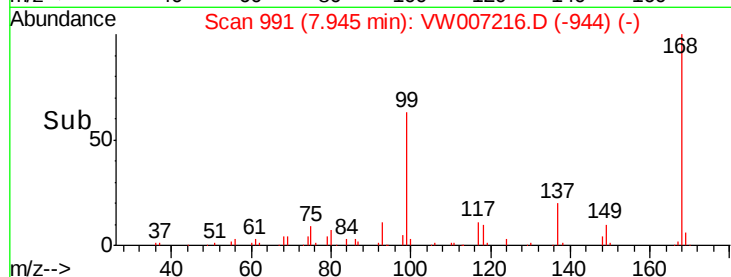
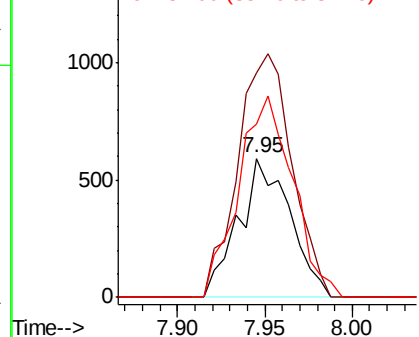
#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007216.D
Acq: 05 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampled :
WC-1(9)

Tot Ion: 56 Resp: 1212
Ion Ratio Lower Upper
56 100
69 161.7 28.2 42.2#
84 124.8 72.1 108.1#

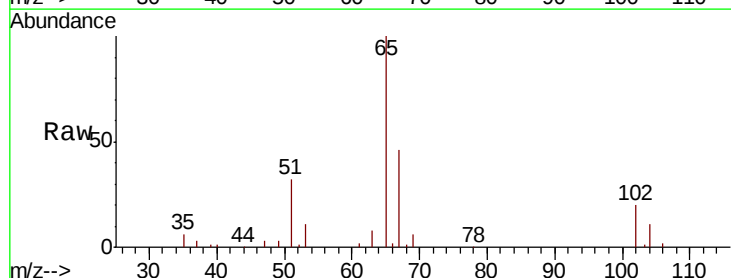


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

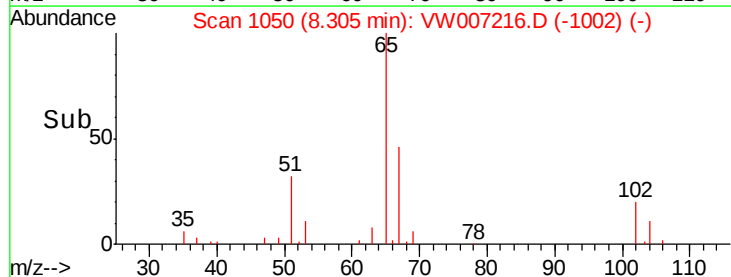
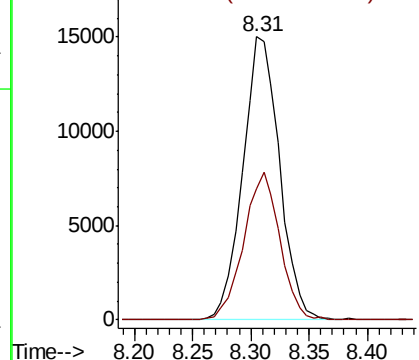


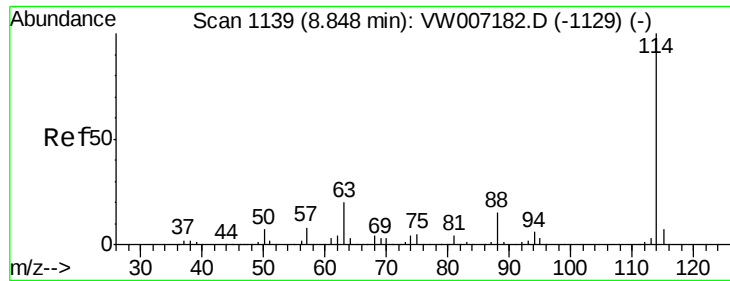
#33
1,2-Dichloroethane-d4
Concen: 58.634 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007216.D
Acq: 05 Dec 2018 05:42

Tgt Ion: 65 Resp: 32926
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.4



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

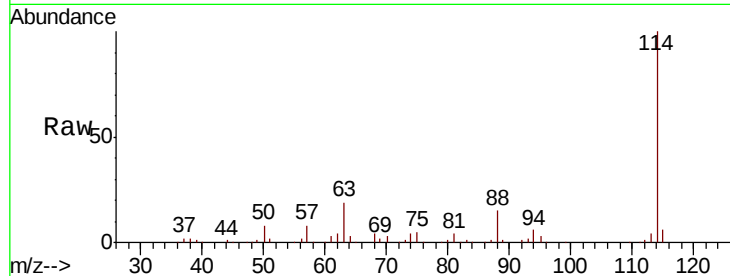




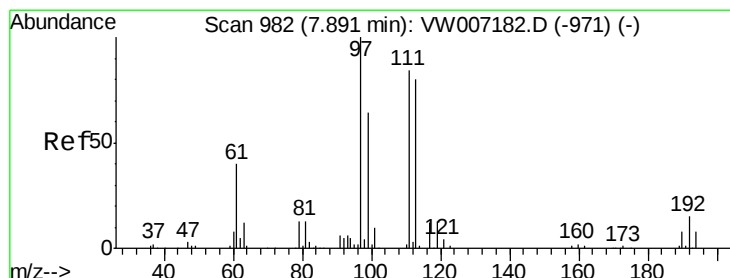
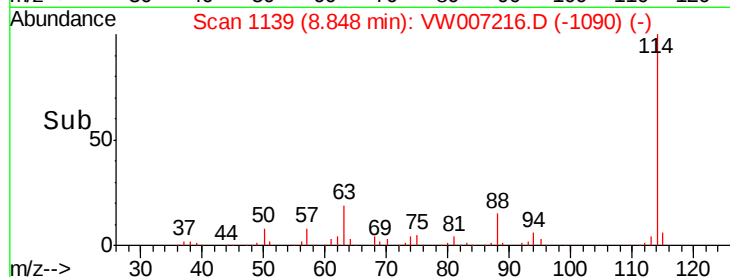
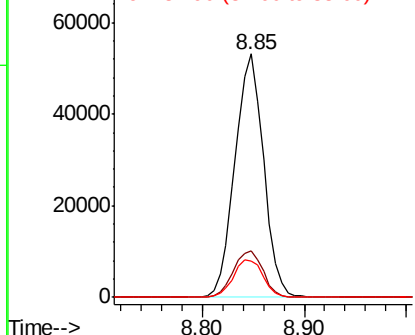
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007216.D
 Acq: 05 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1(9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.2
88	14.7	0.0	30.0

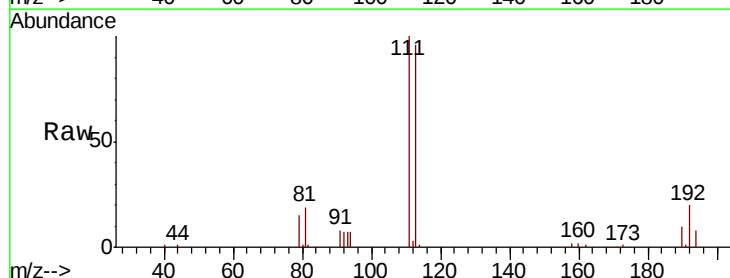


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

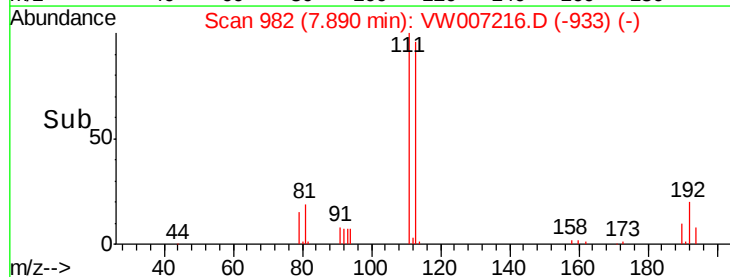
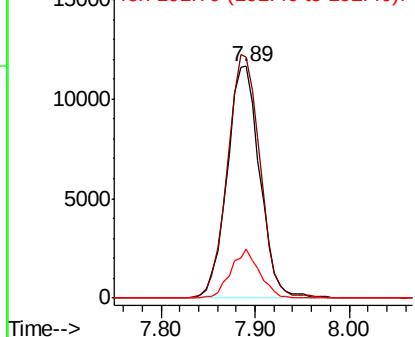


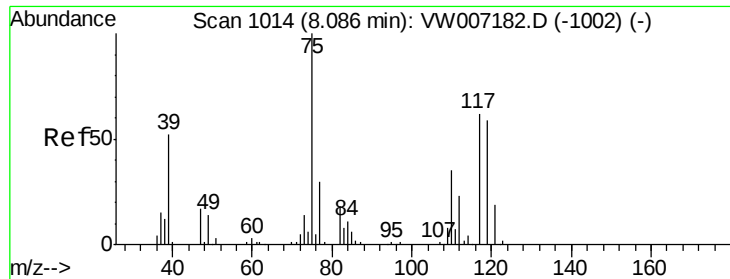
#35
 Dibromofluoromethane
 Concen: 47.465 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007216.D
 Acq: 05 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	18.4	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

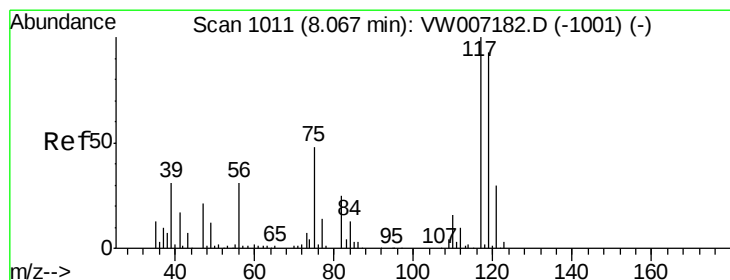
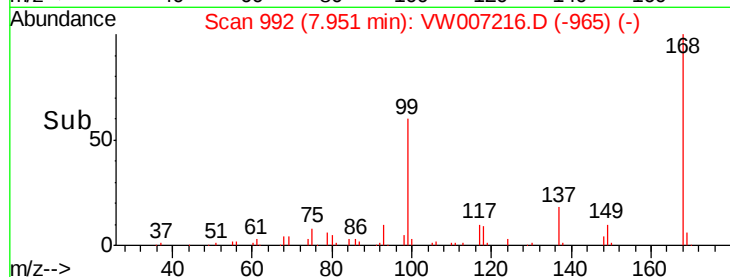
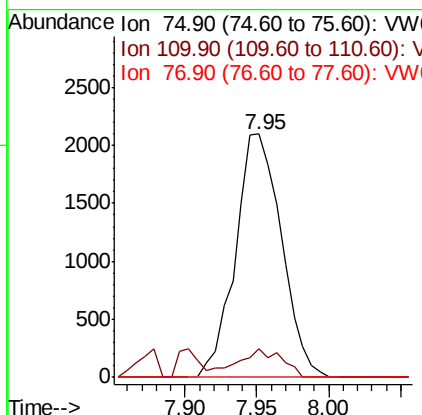
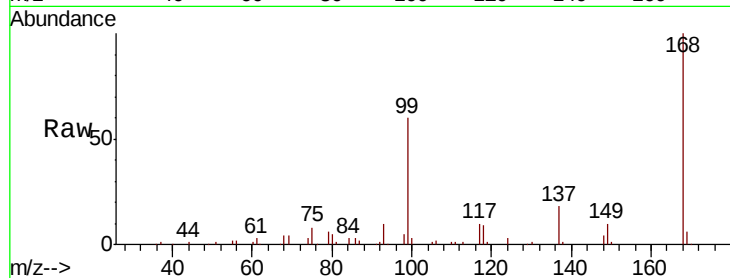




#36
 1,1-Dichloropropene
 Concen: 4.643 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007216.D
 Acq: 05 Dec 2018 05:42

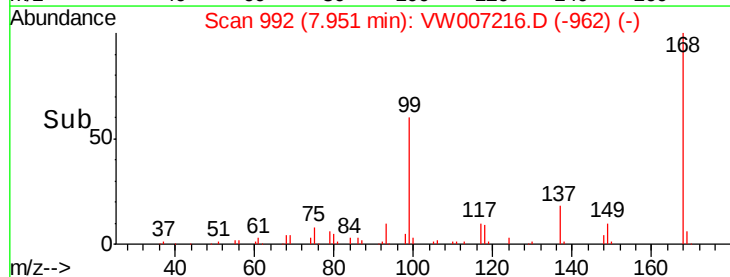
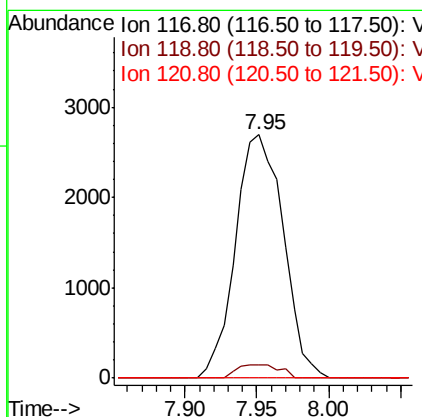
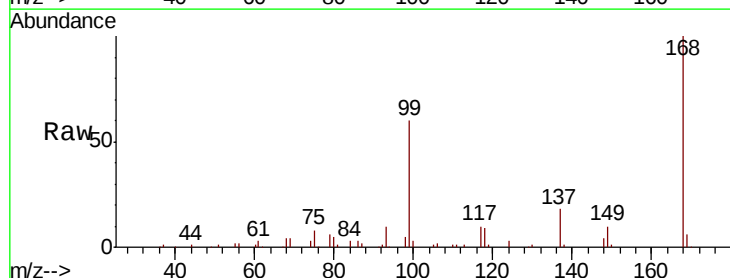
Instrument :
 MSVOA_W
 ClientSampled :
 WC-1(9)

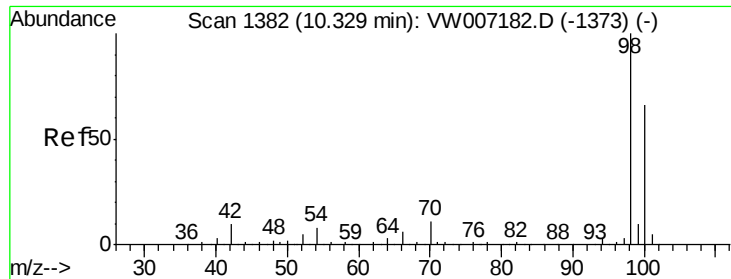
Tot Ion: 75 Resp: 4662
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.058 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007216.D
 Acq: 05 Dec 2018 05:42

Tgt Ion: 117 Resp: 6209
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.1 111.1#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 44.255 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007216.D

Acq: 05 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

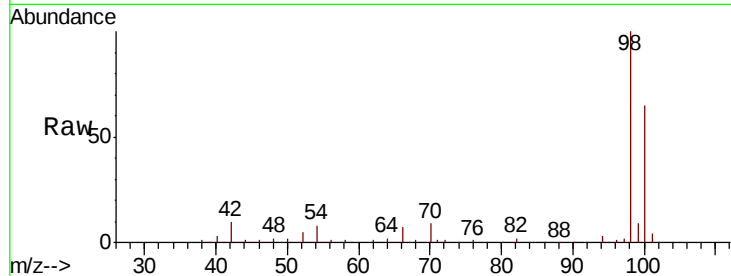
WC-1(9)

Tot Ion: 98 Resp: 115193

Ion Ratio Lower Upper

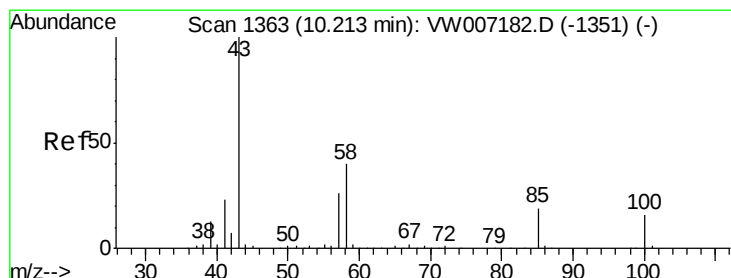
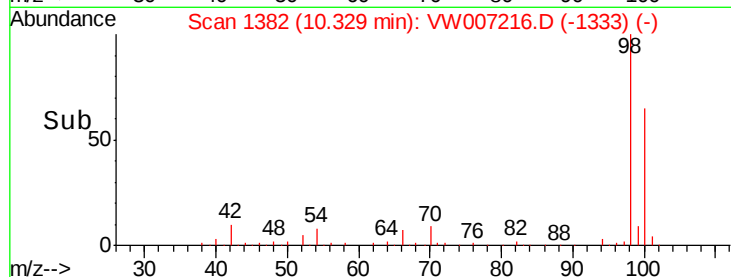
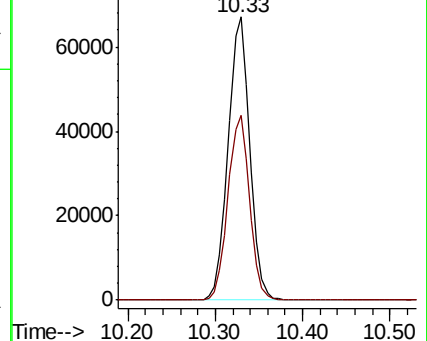
98 100

100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.243 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007216.D

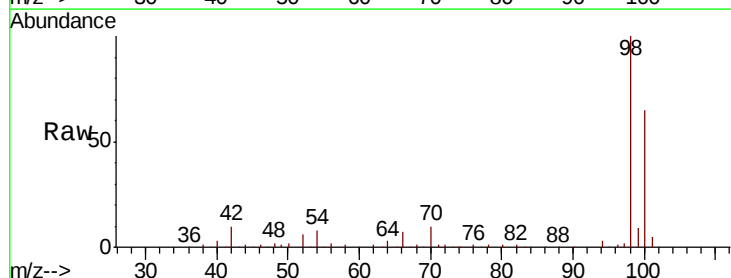
Acq: 05 Dec 2018 05:42

Tgt Ion: 43 Resp: 432

Ion Ratio Lower Upper

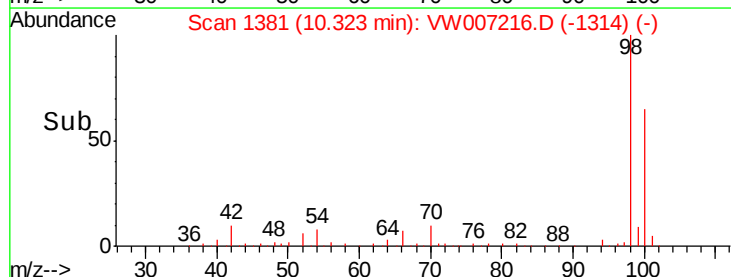
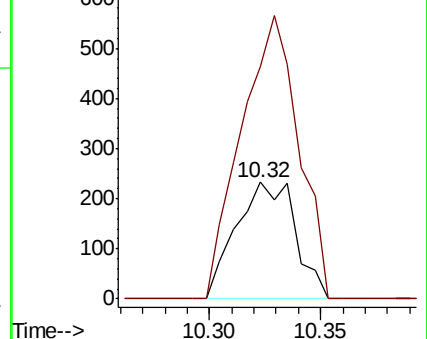
43 100

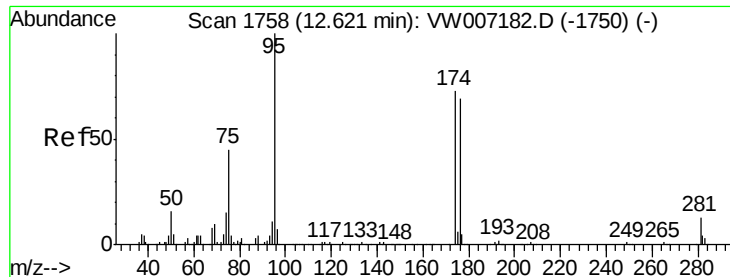
58 235.4 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

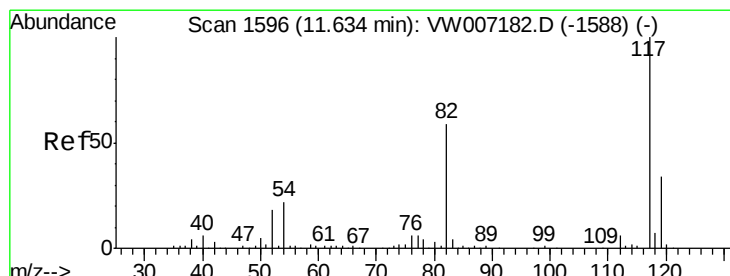
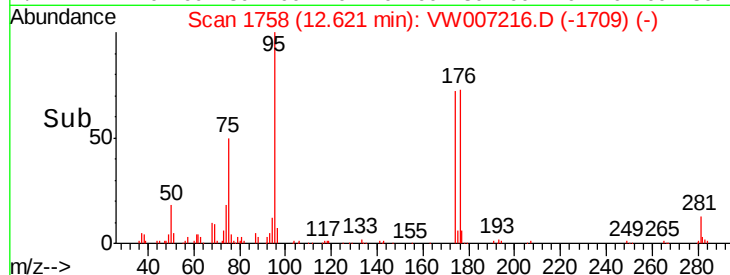
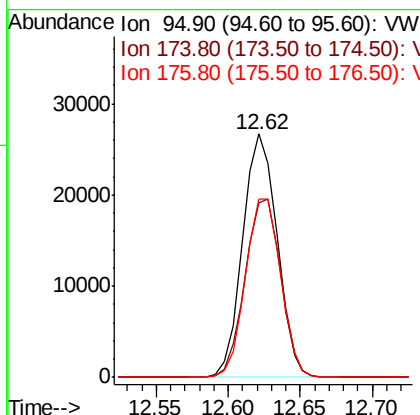
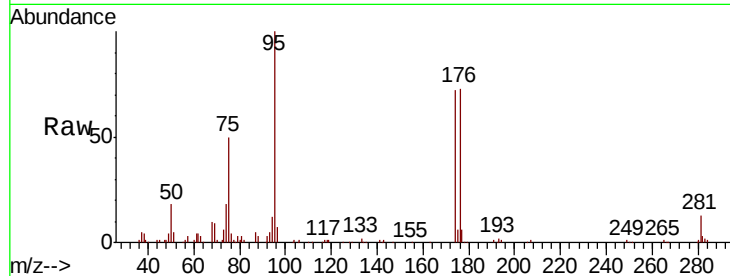




#62
4-Bromofluorobenzene
Concen: 44.965 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007216.D
Acq: 05 Dec 2018 05:42

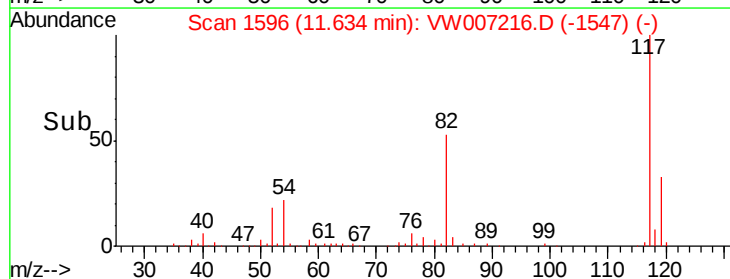
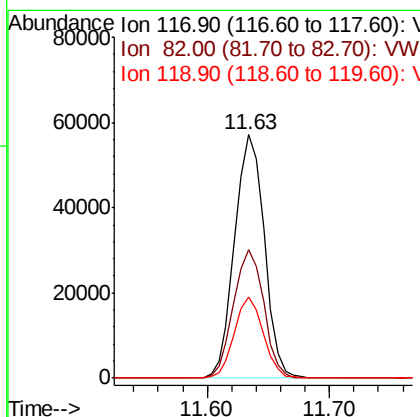
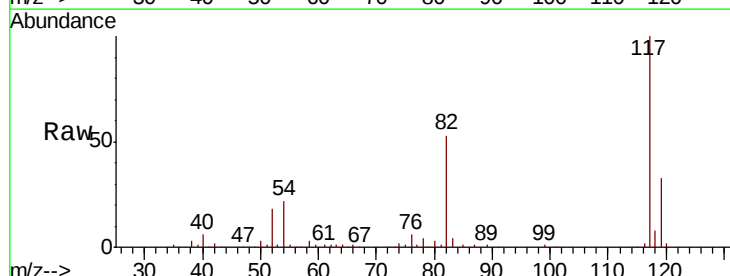
Instrument :
MSVOA_W
ClientSampleId :
WC-1(9)

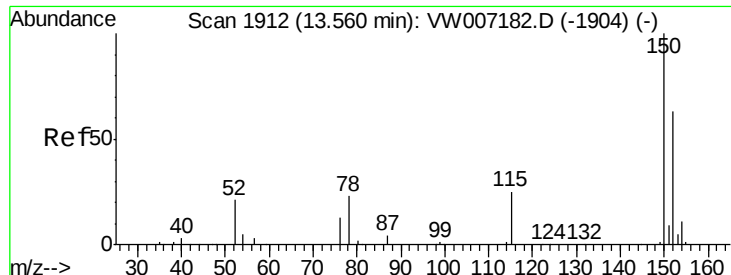
Tot Ion: 95 Resp: 44176
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.0
176 75.1 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007216.D
Acq: 05 Dec 2018 05:42

Tgt Ion: 117 Resp: 96192
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 33.3 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007216.D

Acq: 05 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

WC-1(9)

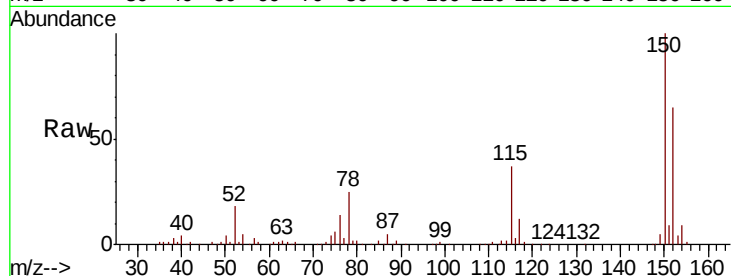
Tot Ion:152 Resp: 46562

Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

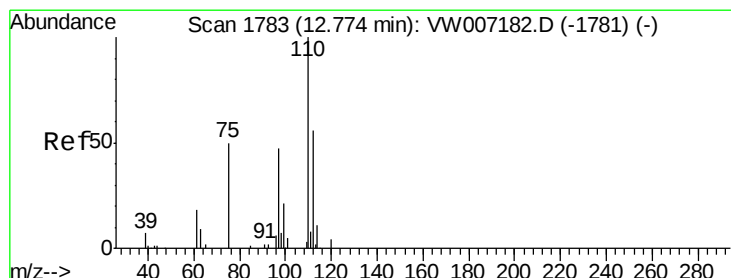
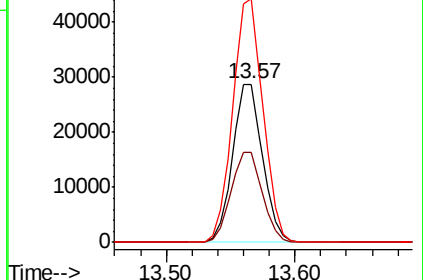
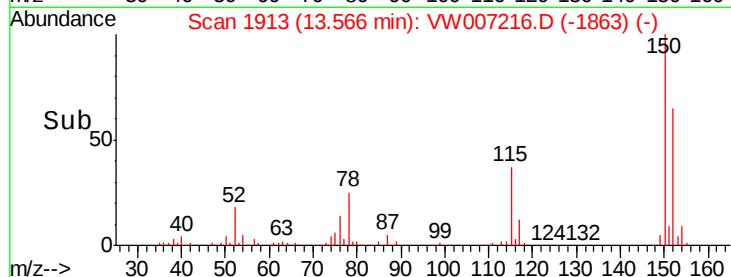
150 154.7 0.0 358.0



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: 31.836 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007216.D

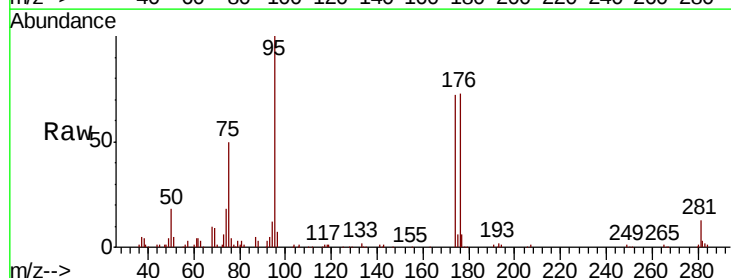
Acq: 05 Dec 2018 05:42

Tgt Ion: 75 Resp: 22276

Ion Ratio Lower Upper

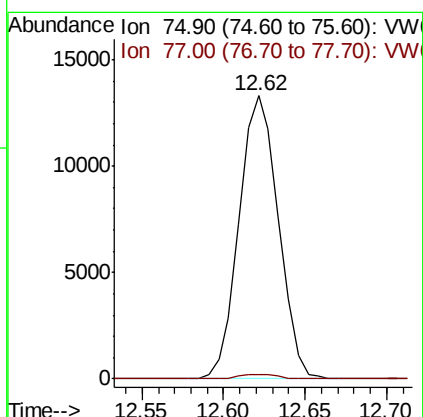
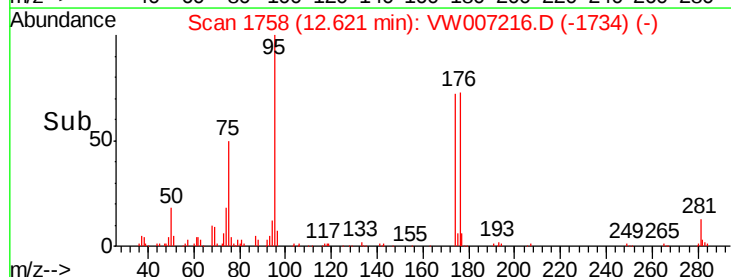
75 100

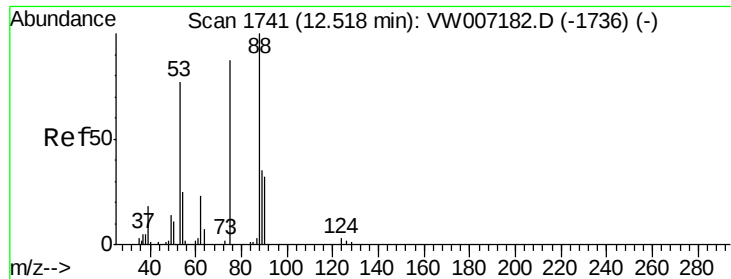
77 1.3 0.0 0.0#



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: 133.171 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007216.D

Acq: 05 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

WC-1(9)

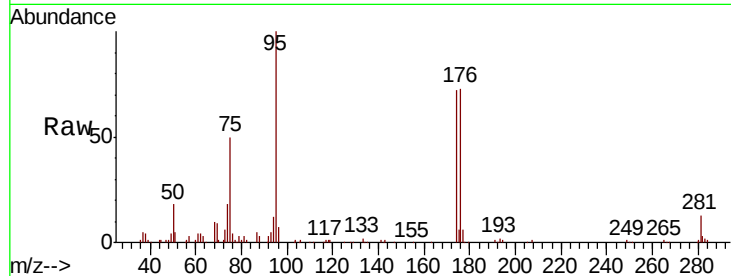
Tot Ion: 75 Resp: 22276

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

