

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007246.D
 Acq On : 05 Dec 2018 21:44
 Operator : SY/AP
 Sample : J6210-06RE
 Misc : 5.9G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-9(9)

Quant Time: Dec 06 06:23:36 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

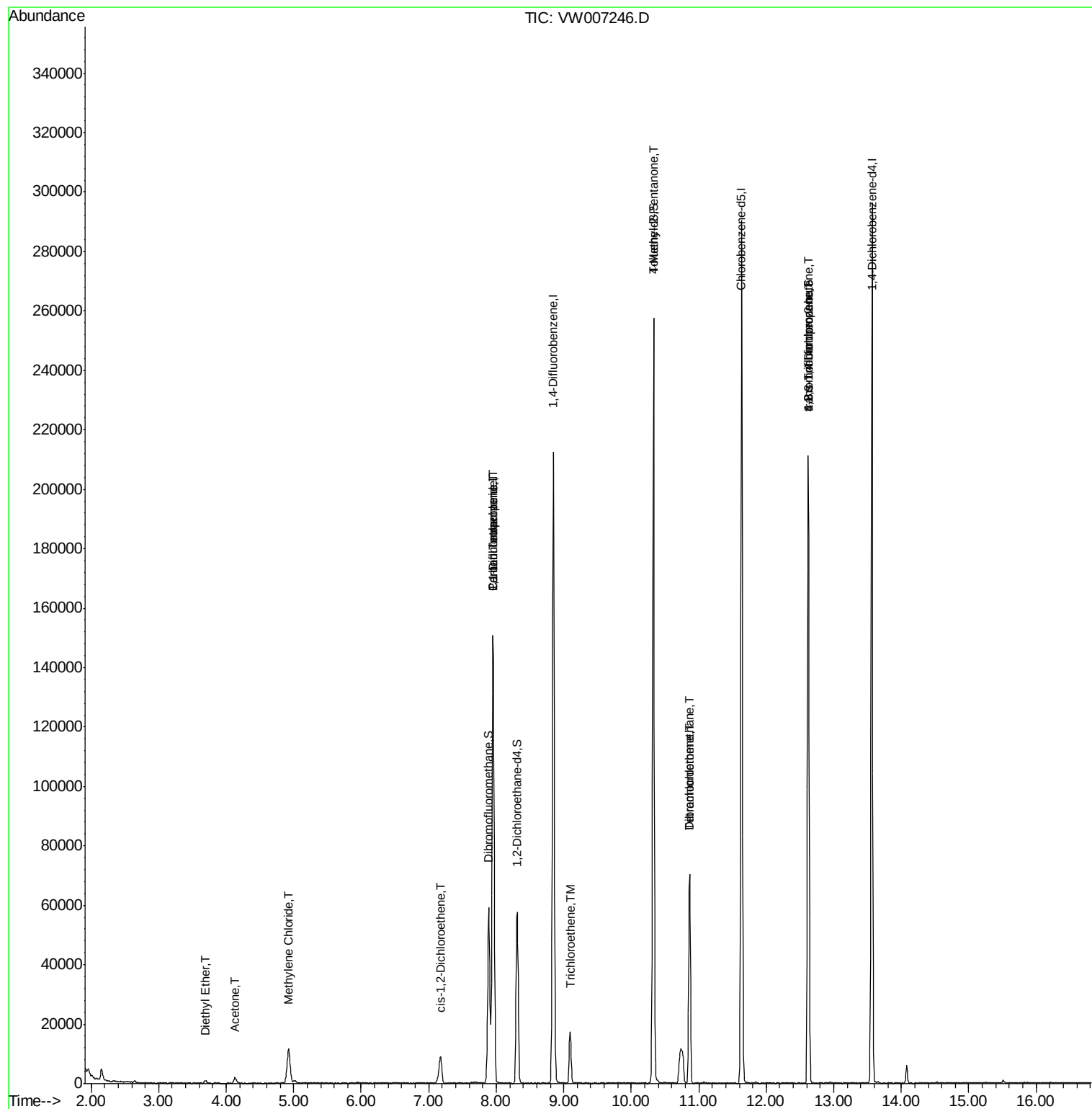
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	185684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	80598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47053	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.89	113	42824	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	
50) Toluene-d8	10.33	98	175811	37.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.08%	
62) 4-Bromofluorobenzene	12.62	95	67973	38.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.90%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.69	74	561	1.058	ug/l	94
11) Tert butyl alcohol	5.17	59	67	Below Cal	#	75
16) Acetone	4.13	43	3610	14.563	ug/l	96
20) Methylene Chloride	4.93	84	9519	2.690	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	5336	4.140	ug/l	88
36) 1,1-Dichloropropene	7.95	75	8553	4.734	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11468	6.219	ug/l #	17
44) Trichloroethene	9.09	130	6269	4.502	ug/l	91
51) 4-Methyl-2-Pentanone	10.32	43	737	1.178	ug/l #	1
60) Dibromochloromethane	10.87	129	15068	14.387	ug/l #	10
64) Tetrachloroethene	10.87	164	15657	12.983	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	34390	55.105	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34390	118.772	ug/l #	13

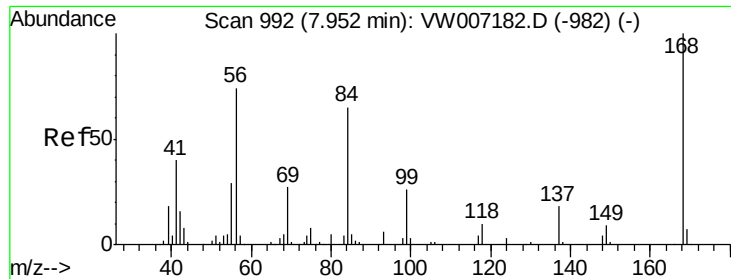
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
Data File : VW007246.D
Acq On : 05 Dec 2018 21:44
Operator : SY/AP
Sample : J6210-06RE
Misc : 5.9G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC-9(9)

Quant Time: Dec 06 06:23:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
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: VW007246.D

Acq: 05 Dec 2018 21:44

Instrument :

MSVOA_W

ClientSampleId :

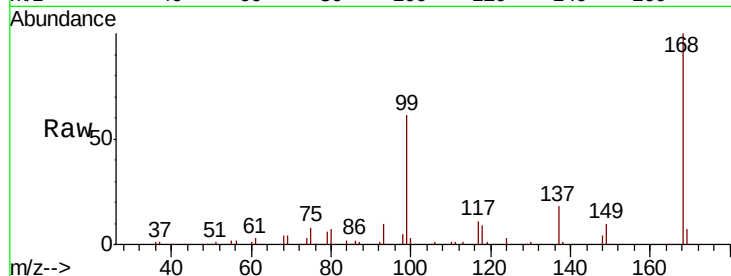
WC-9(9)

Tot Ion:168 Resp: 112471

Ion Ratio Lower Upper

168 100

99 60.6 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

60000

50000

40000

30000

20000

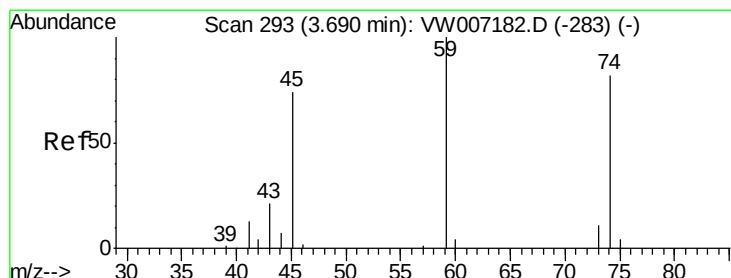
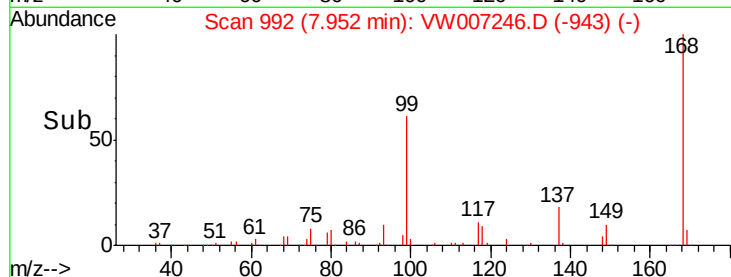
10000

0

Time-->

7.90

8.00



#8

Diethyl Ether

Concen: 1.058 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007246.D

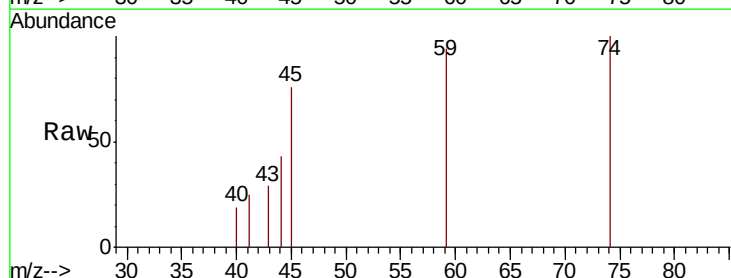
Acq: 05 Dec 2018 21:44

Tgt Ion: 74 Resp: 561

Ion Ratio Lower Upper

74 100

45 100.4 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

300

250

200

150

100

50

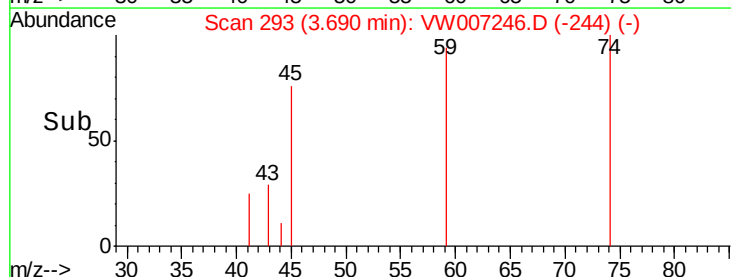
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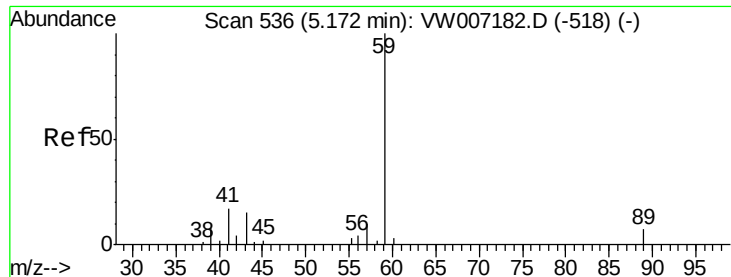
Time-->

3.65

3.70

3.75



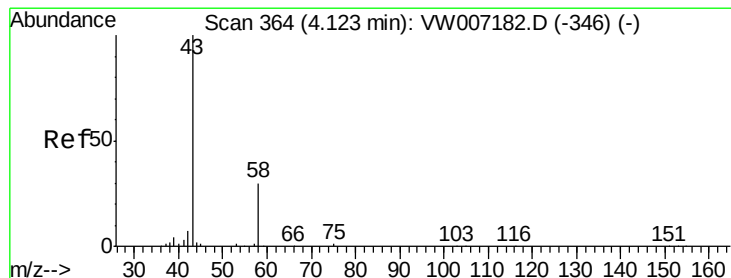
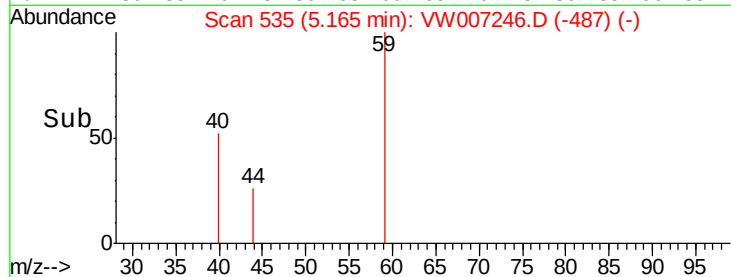
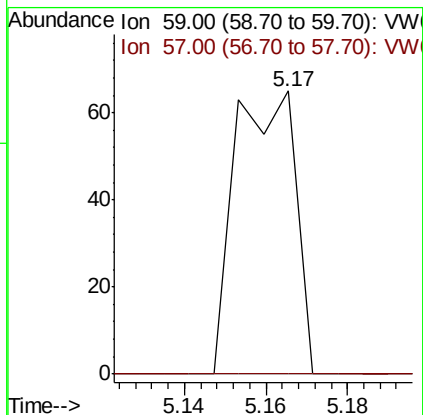
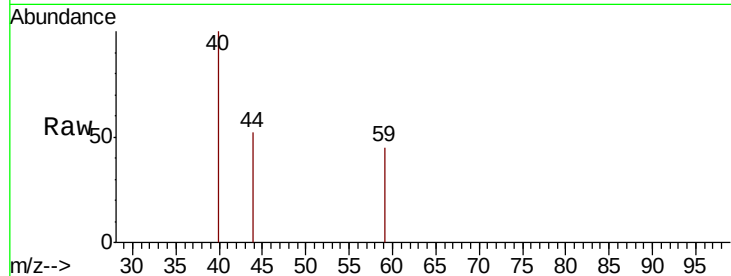


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007246.D
 Acq: 05 Dec 2018 21:44

Instrument :
 MSVOA_W
 ClientSampled :
 WC-9(9)

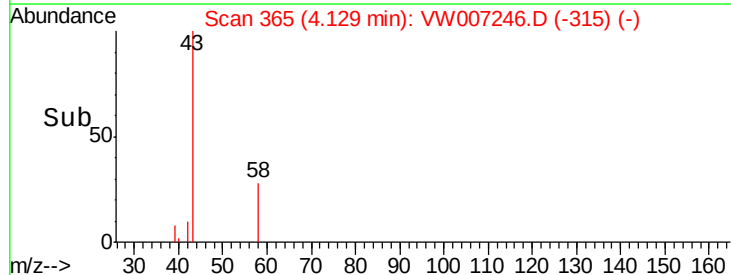
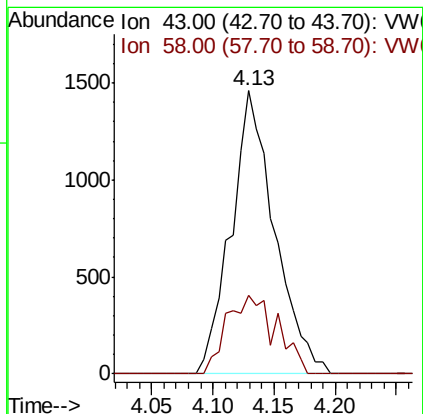
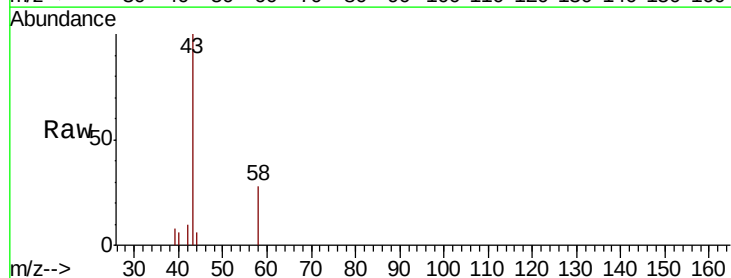
Tot Ion: 59 Resp: 67
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

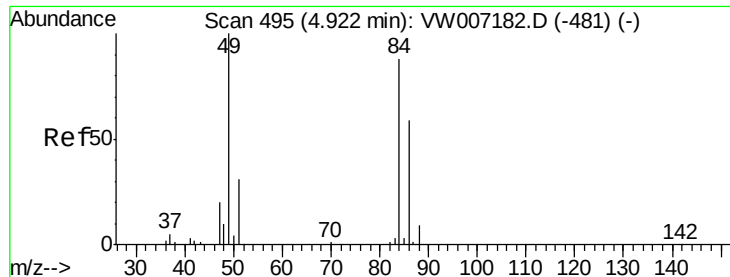


#16

Acetone
 Concen: 14.563 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007246.D
 Acq: 05 Dec 2018 21:44

Tgt Ion: 43 Resp: 3610
 Ion Ratio Lower Upper
 43 100
 58 27.8 23.8 35.8

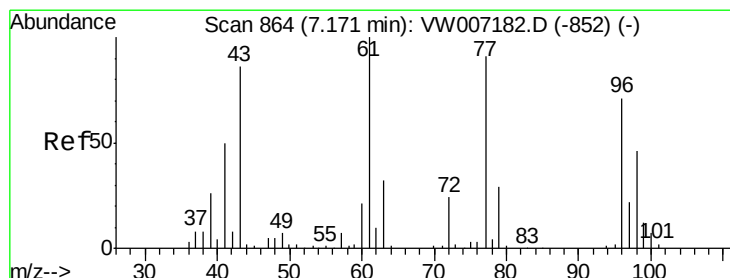
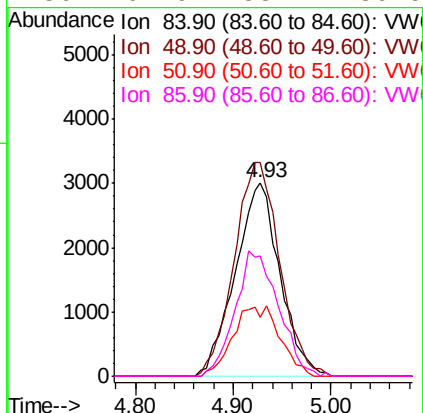
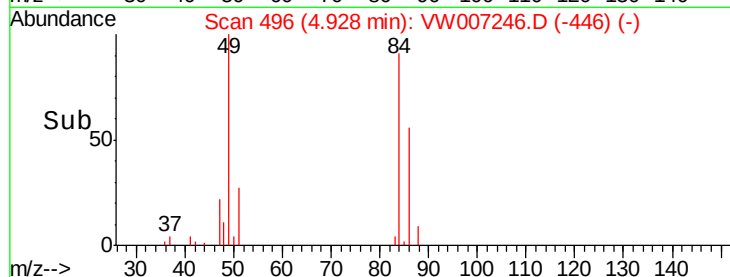
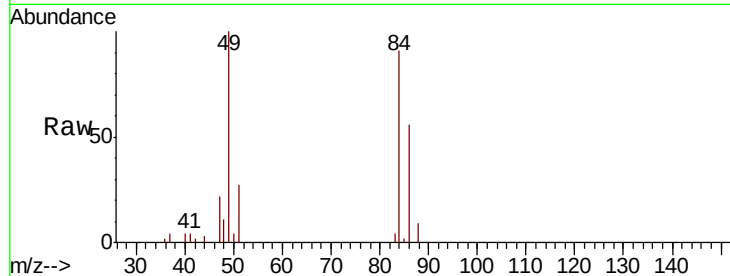




#20
Methylene Chloride
Concen: 2.690 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

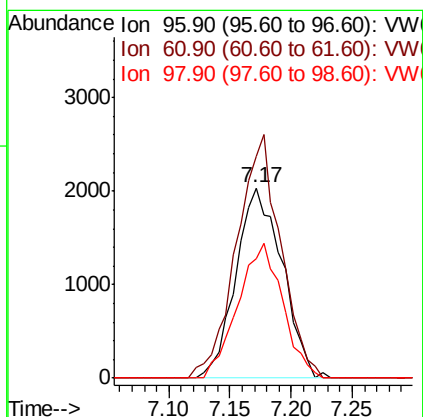
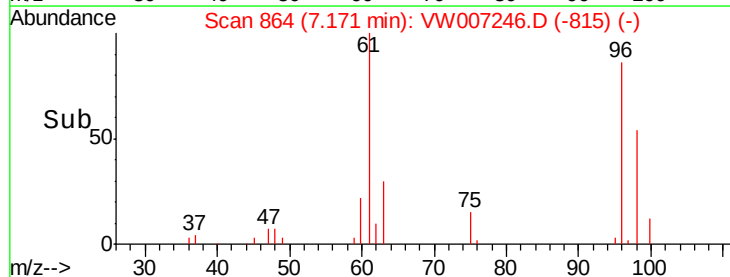
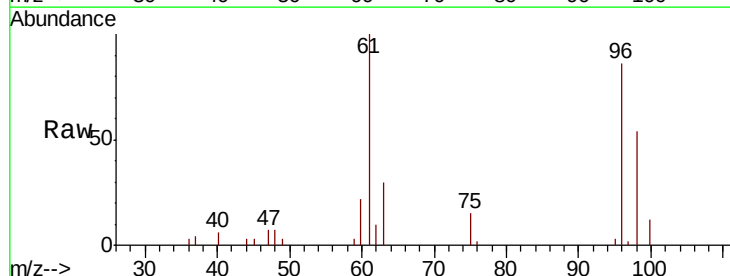
Instrument :
MSVOA_W
ClientSampled :
WC-9(9)

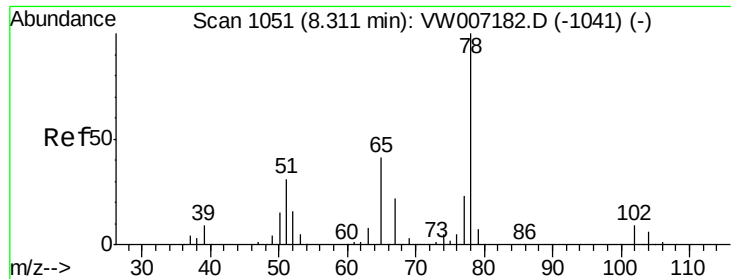
Tot Ion: 84 Resp: 9519
Ion Ratio Lower Upper
84 100
49 110.0 90.6 135.8
51 30.2 27.6 41.4
86 61.9 53.7 80.5



#27
cis-1,2-Dichloroethene
Concen: 4.140 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

Tgt Ion: 96 Resp: 5336
Ion Ratio Lower Upper
96 100
61 122.2 0.0 282.4
98 68.5 0.0 129.8

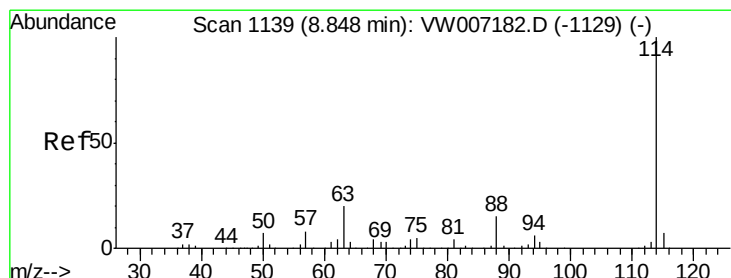
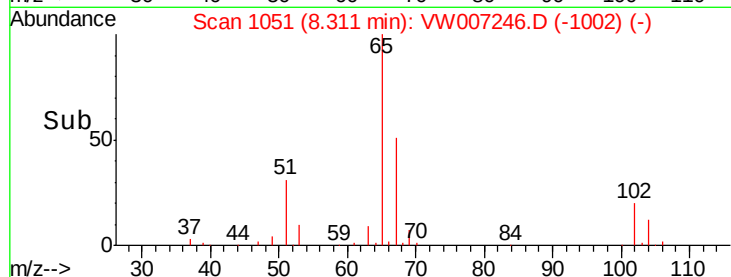
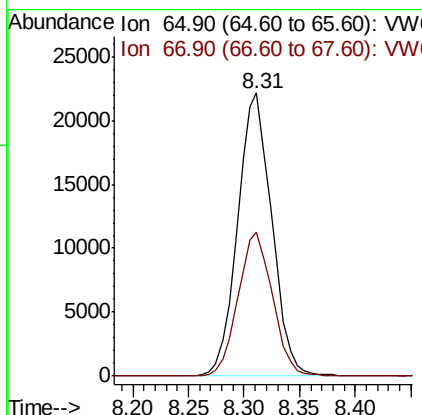
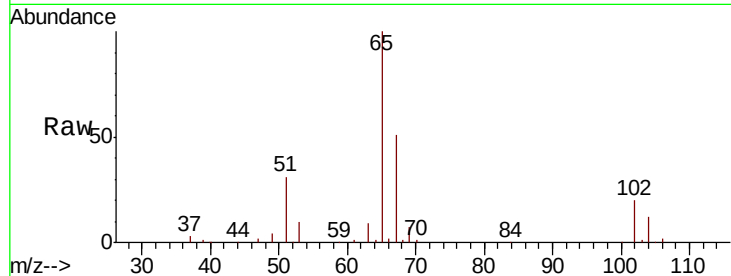




#33
 1,2-Dichloroethane-d4
 Concen: 44.934 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007246.D
 Acq: 05 Dec 2018 21:44

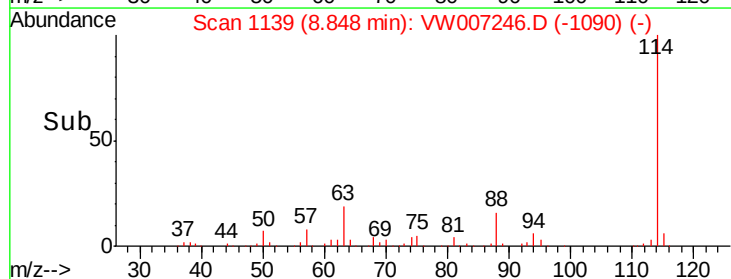
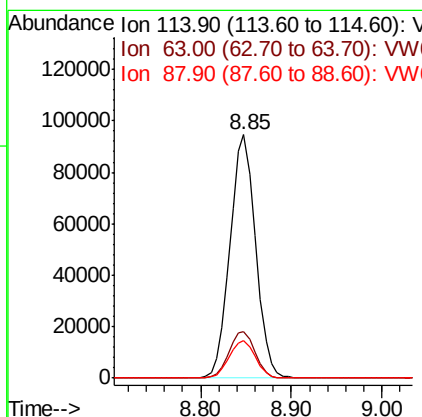
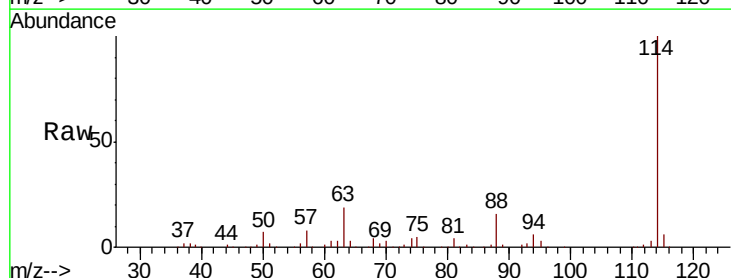
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-9(9)

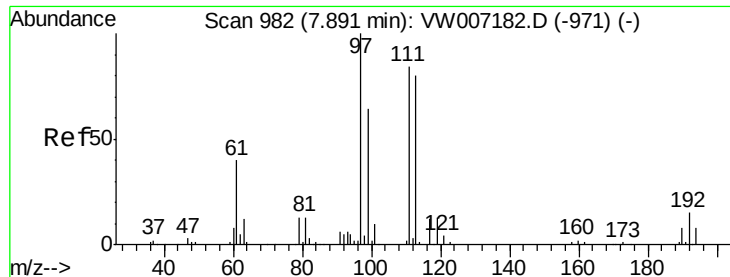
Tot Ion: 65 Resp: 47053
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007246.D
 Acq: 05 Dec 2018 21:44

Tgt Ion: 114 Resp: 185684
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 40.278 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007246.D

Acq: 05 Dec 2018 21:44

Instrument :

MSVOA_W

ClientSampleId :

WC-9(9)

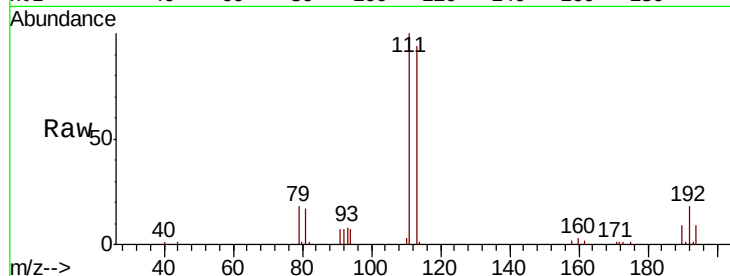
Tot Ion:113 Resp: 42824

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

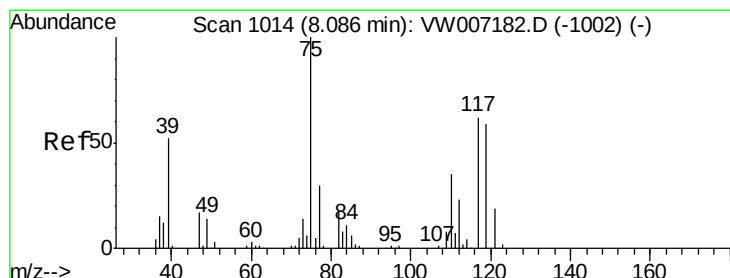
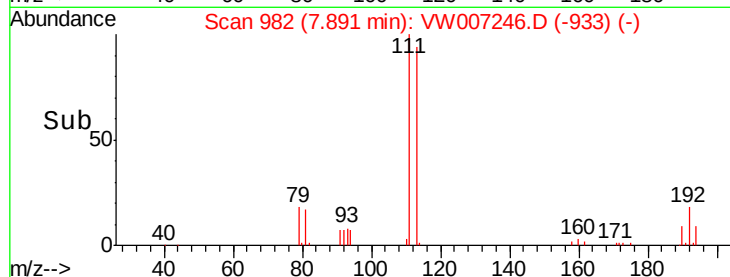
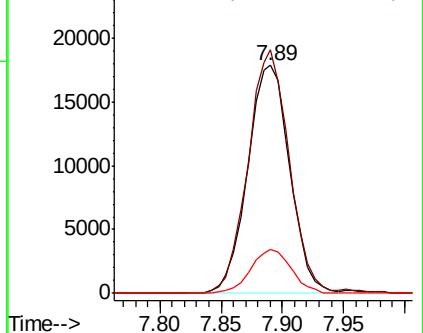
192 18.6 14.4 21.6



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: 4.734 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007246.D

Acq: 05 Dec 2018 21:44

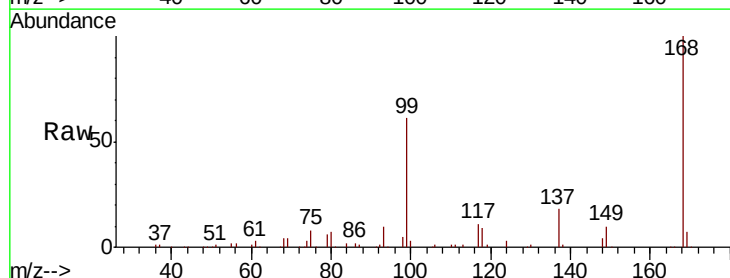
Tgt Ion: 75 Resp: 8553

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.9#

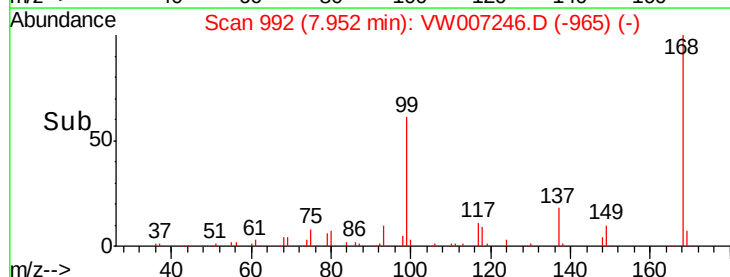
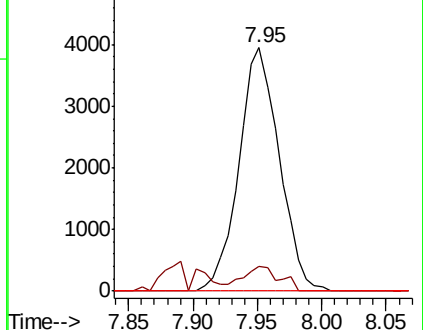
77 0.0 24.9 37.3#

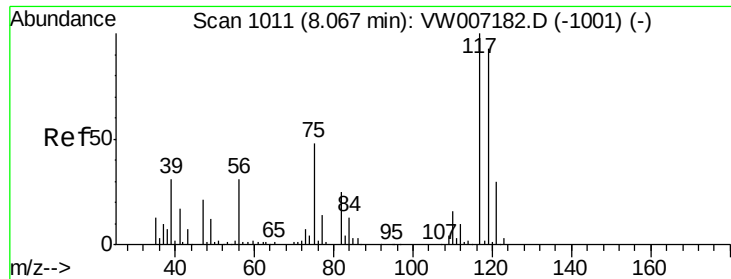


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

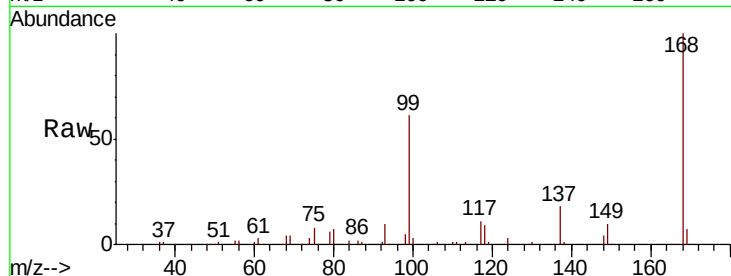




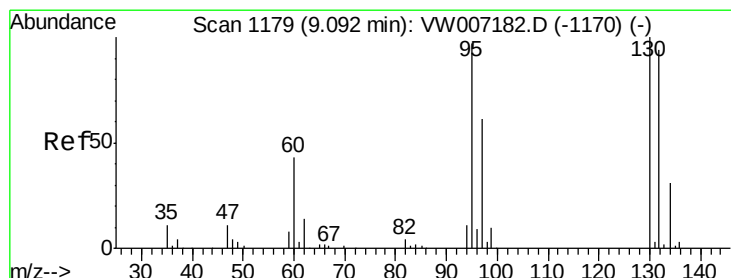
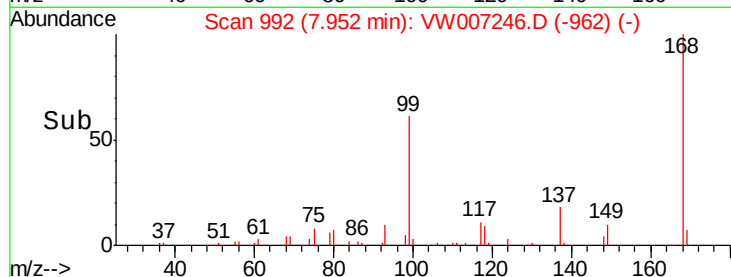
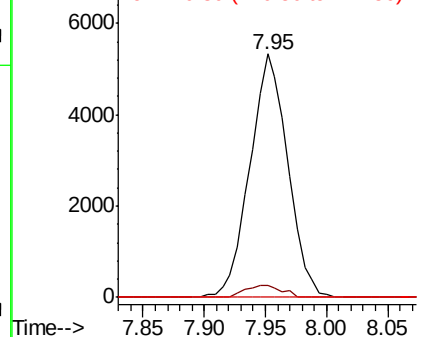
#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

Instrument :
MSVOA_W
ClientSampleId :
WC-9(9)

Tot Ion:117 Resp: 11468
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 23.9 35.9#

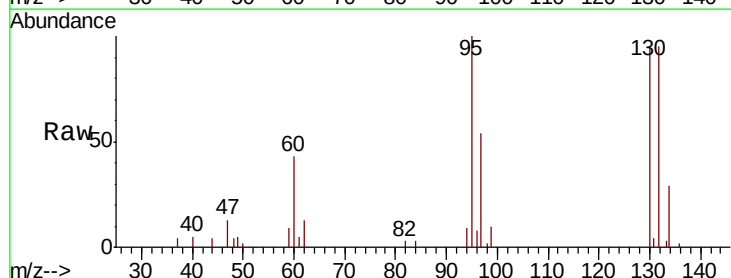


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

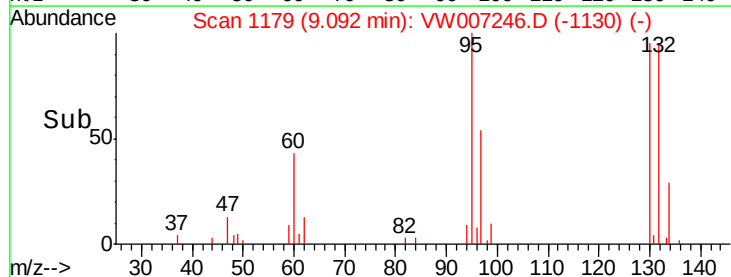
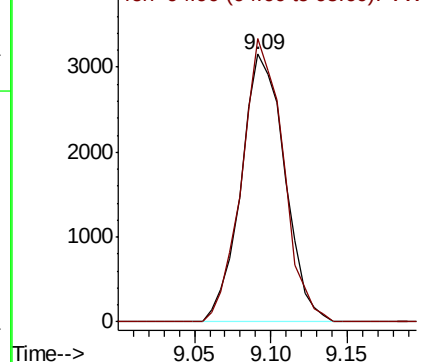


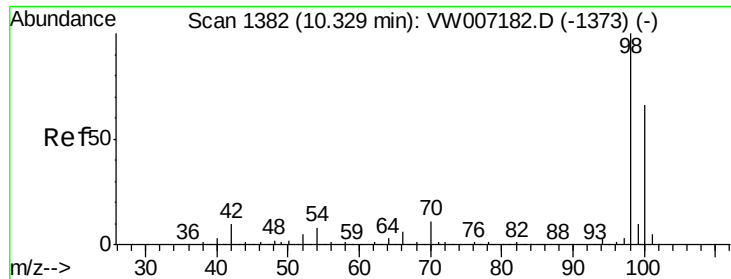
#44
Trichloroethene
Concen: 4.502 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

Tgt Ion:130 Resp: 6269
Ion Ratio Lower Upper
130 100
95 105.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 37.539 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007246.D

Acq: 05 Dec 2018 21:44

Instrument :

MSVOA_W

ClientSampled :

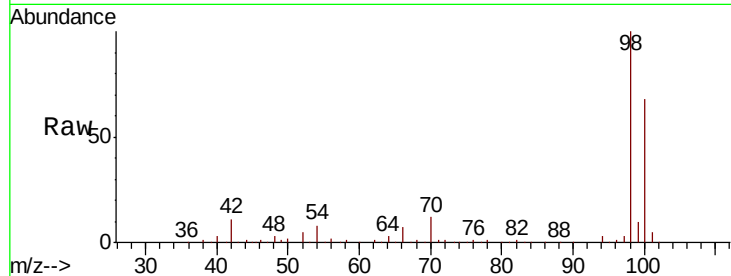
WC-9(9)

Tot Ion: 98 Resp: 175811

Ion Ratio Lower Upper

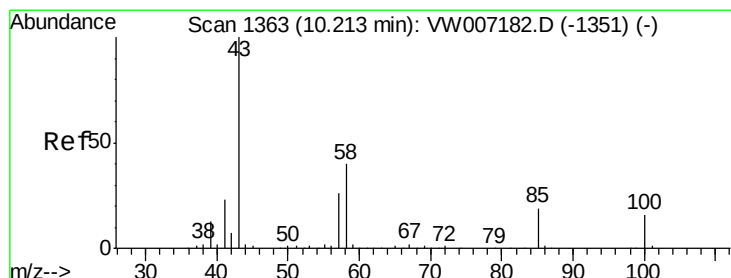
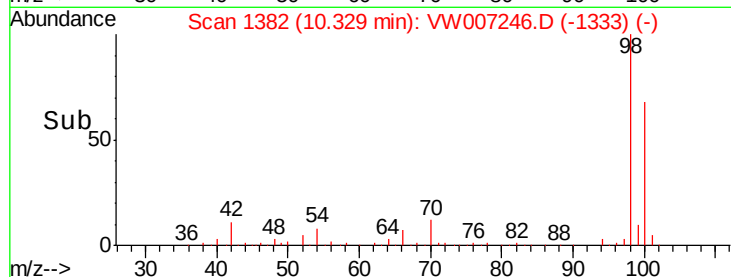
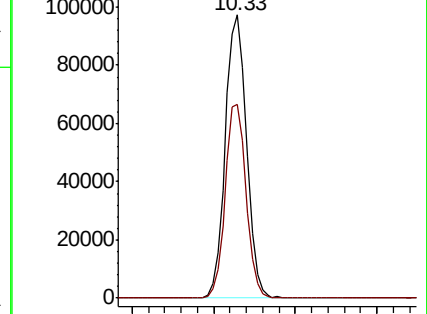
98 100

100 67.2 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: 1.178 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007246.D

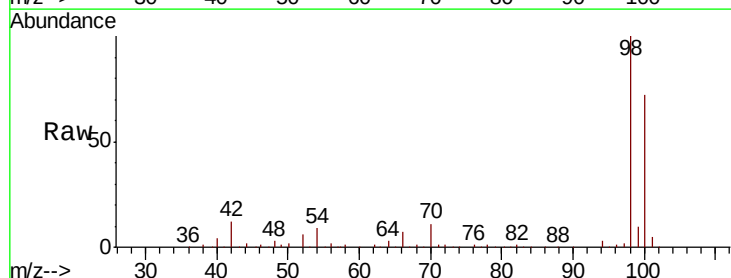
Acq: 05 Dec 2018 21:44

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

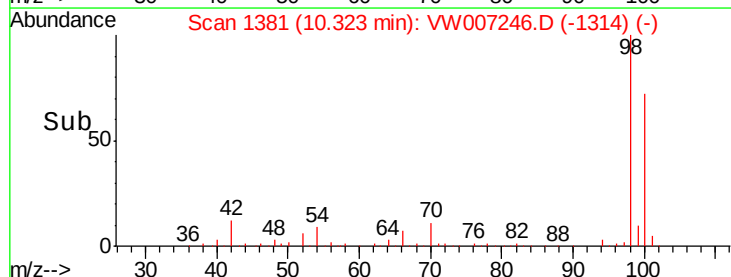
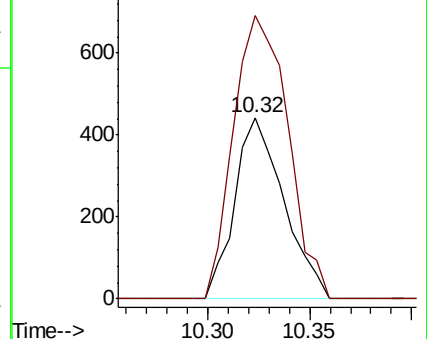
43 100

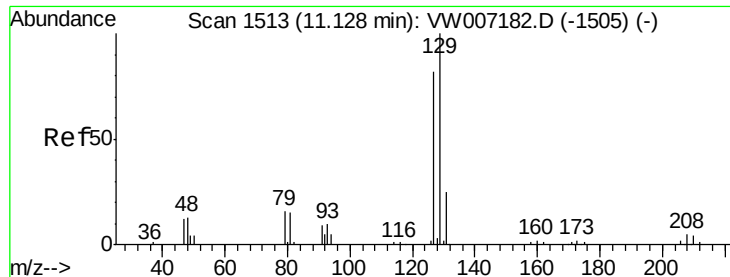
58 173.9 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

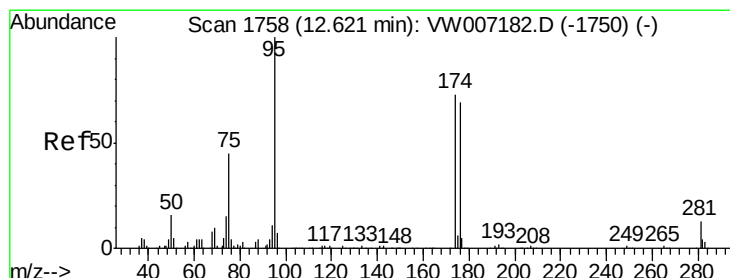
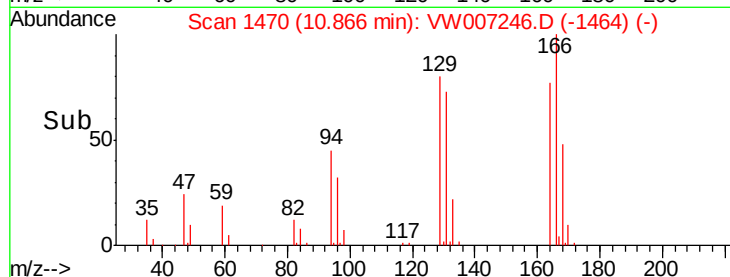
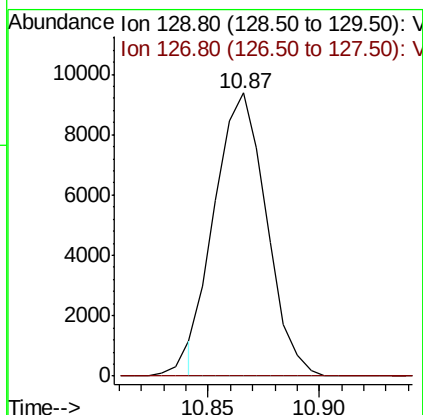
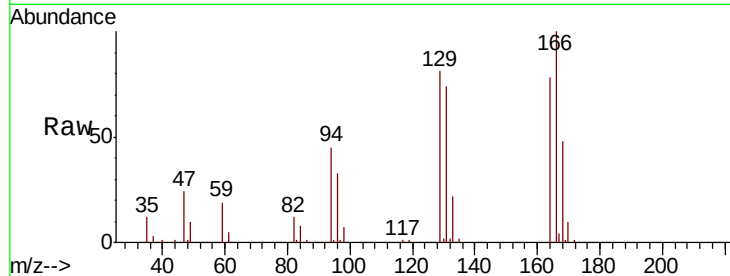




#60
Dibromochloromethane
Concen: 14.387 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

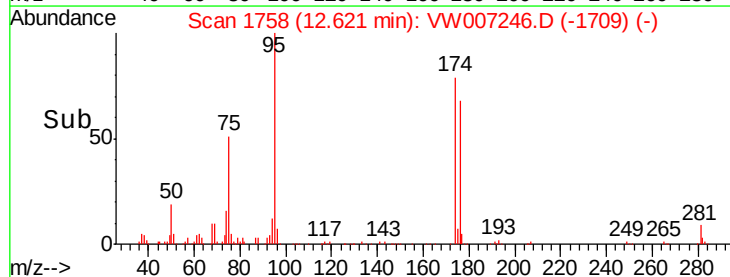
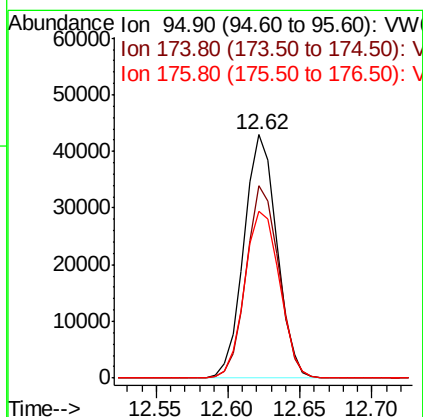
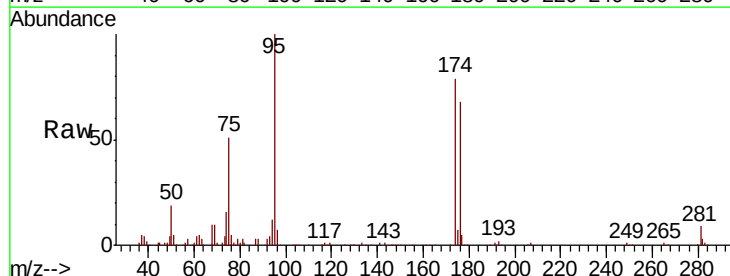
Instrument :
MSVOA_W
ClientSampled :
WC-9(9)

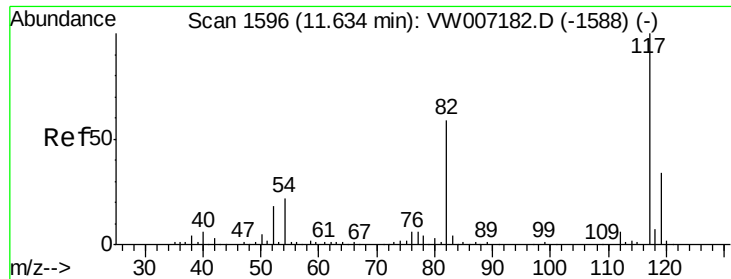
Tot Ion:129 Resp: 15068
Ion Ratio Lower Upper
129 100
127 0.0 39.8 119.4#



#62
4-Bromofluorobenzene
Concen: 38.452 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

Tgt Ion: 95 Resp: 67973
Ion Ratio Lower Upper
95 100
174 78.1 0.0 148.0
176 72.7 0.0 139.4

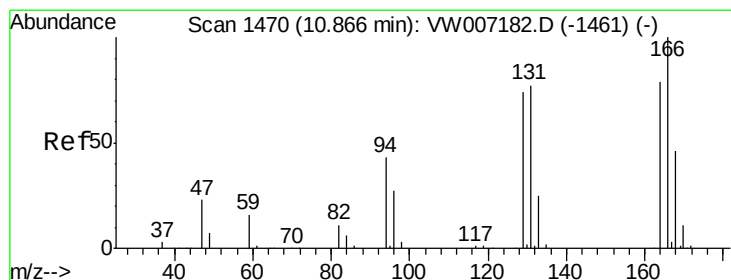
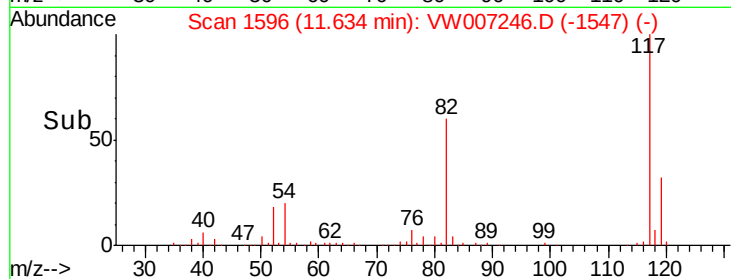
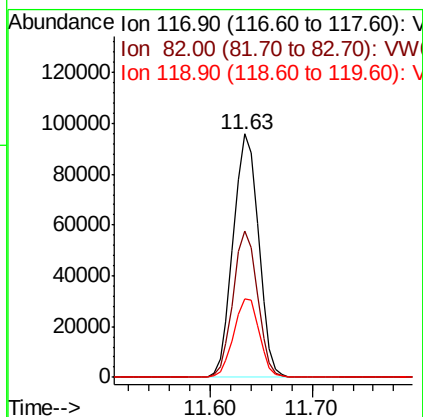
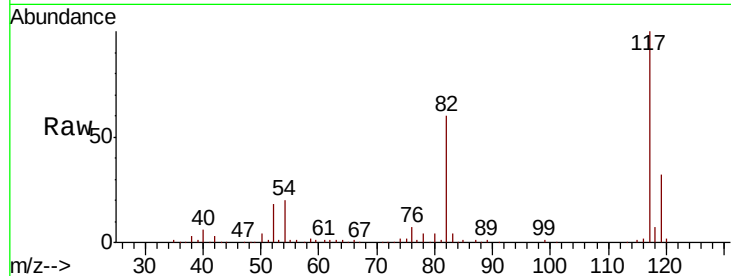




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

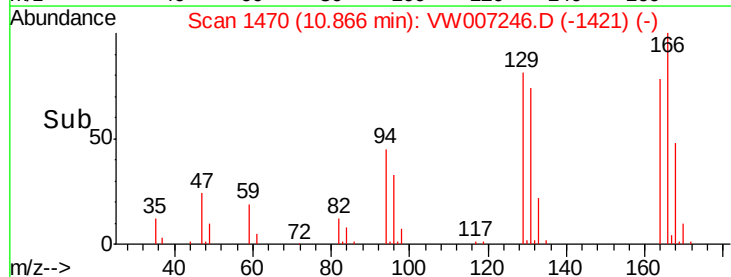
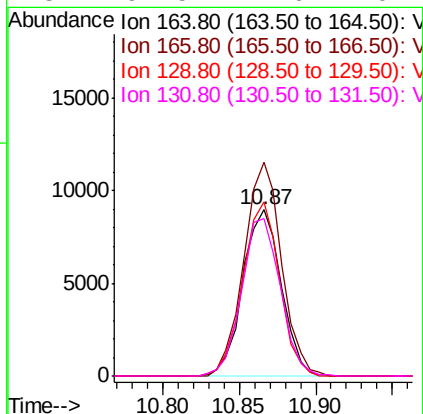
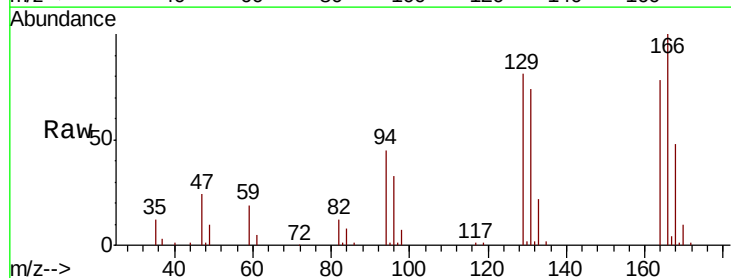
Instrument :
MSVOA_W
ClientSampleId :
WC-9(9)

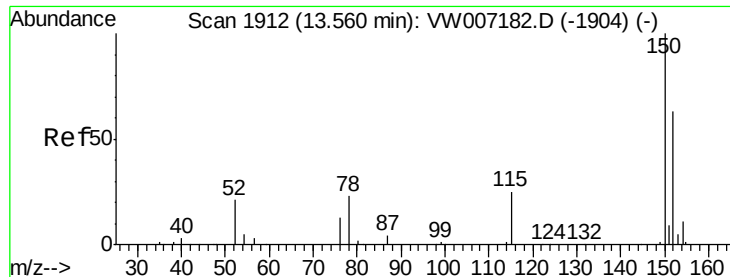
Tot Ion:117 Resp: 165056
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.2 26.8 40.2



#64
Tetrachloroethene
Concen: 12.983 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007246.D
Acq: 05 Dec 2018 21:44

Tgt Ion:164 Resp: 15657
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.4
129 104.6 74.6 111.8
131 94.5 77.6 116.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007246.D

Acq: 05 Dec 2018 21:44

Instrument :

MSVOA_W

ClientSampleId :

WC-9(9)

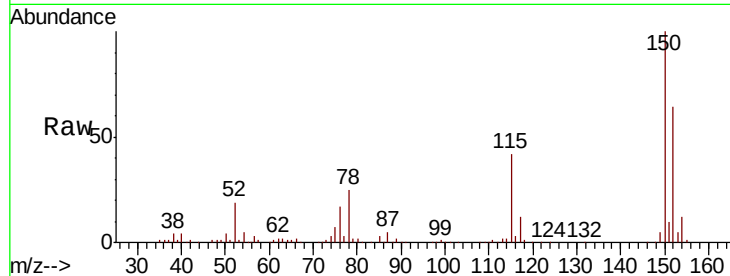
Tot Ion:152 Resp: 80598

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

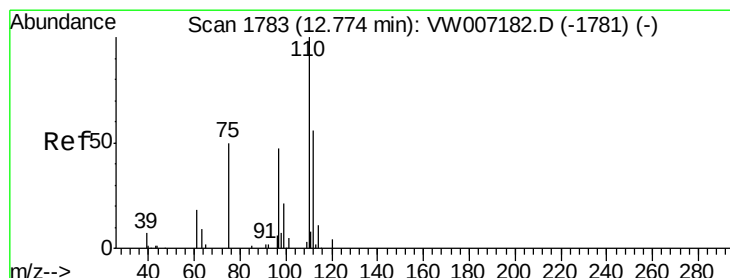
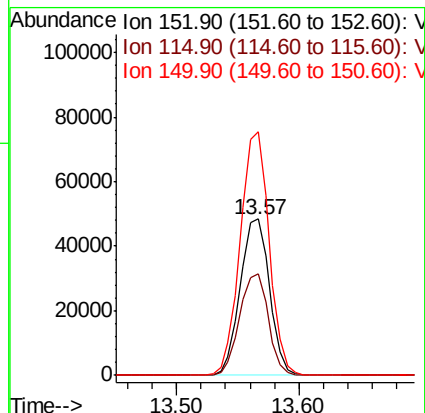
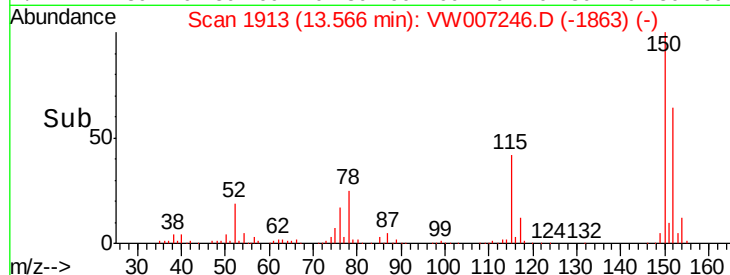
150 153.6 0.0 358.0



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: 55.105 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007246.D

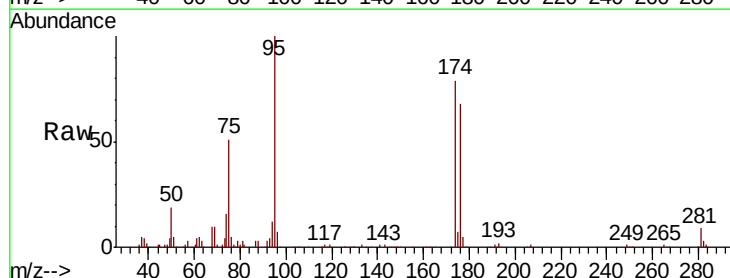
Acq: 05 Dec 2018 21:44

Tgt Ion: 75 Resp: 34390

Ion Ratio Lower Upper

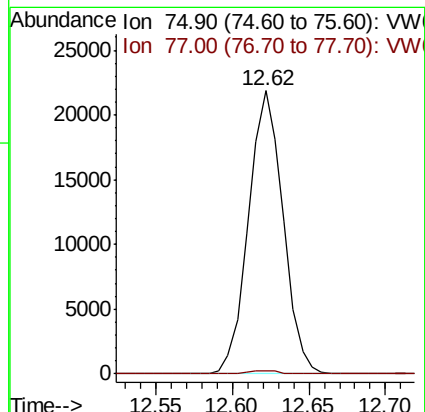
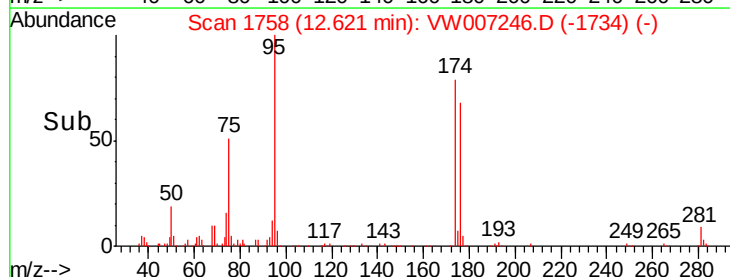
75 100

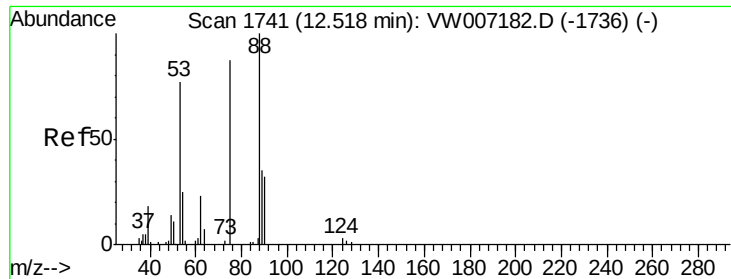
77 0.9 0.0 0.0#



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: 118.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007246.D

Acq: 05 Dec 2018 21:44

Instrument :

MSVOA_W

ClientSampleId :

WC-9(9)

Tot Ion: 75 Resp: 34390

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

