

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007215.D
 Acq On : 05 Dec 2018 05:16
 Operator : SY/AP
 Sample : J6210-01
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1(5)

Quant Time: Dec 05 07:27:02 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

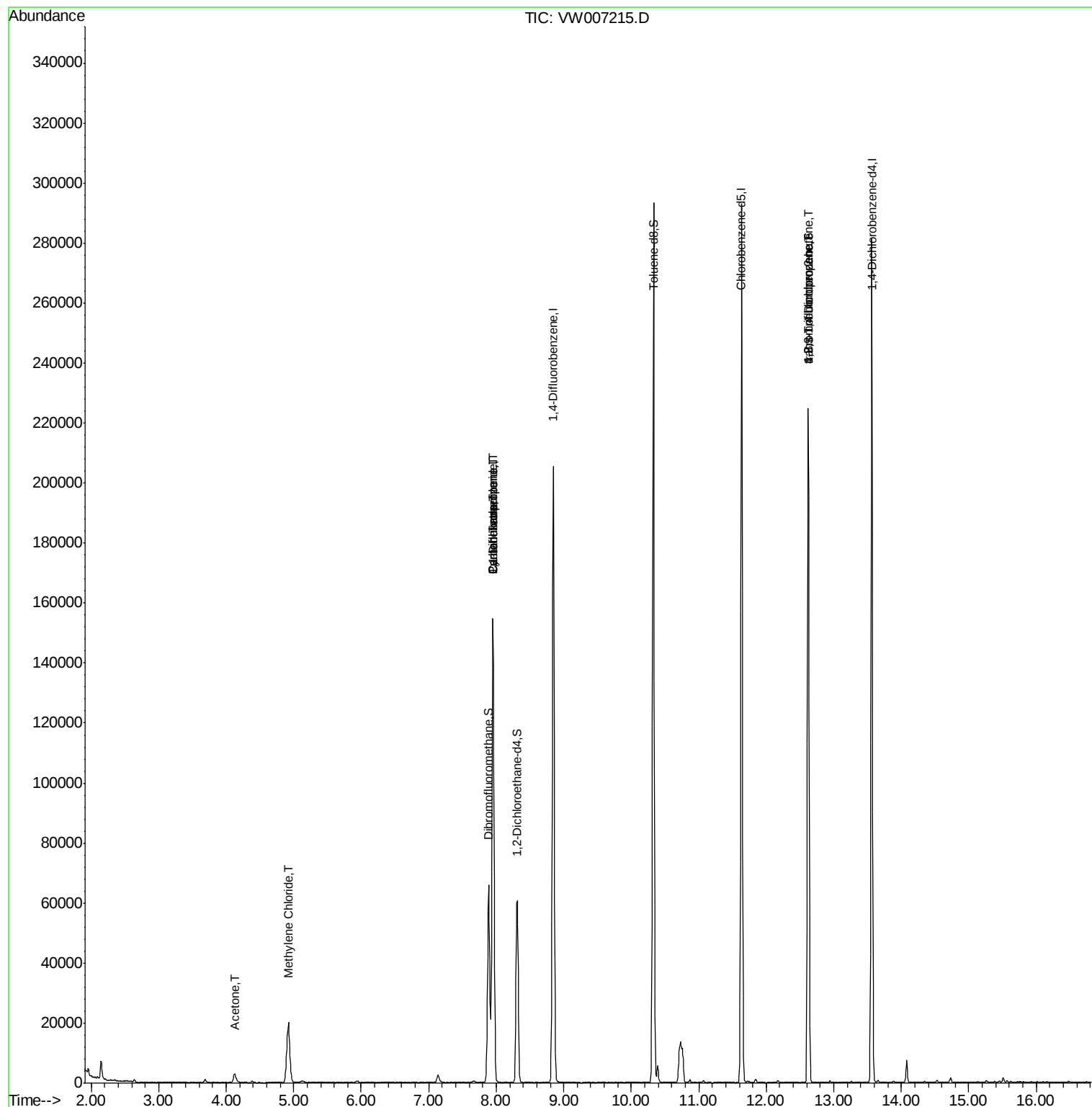
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50905	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	7.88	113	49090	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	10.33	98	201738	43.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.20%	
62) 4-Bromofluorobenzene	12.62	95	73676	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.11	59	205	Below Cal	#	75
16) Acetone	4.12	43	5711	22.676	ug/l	92
20) Methylene Chloride	4.92	84	16224	8.459	ug/l	95
31) Cyclohexane	7.95	56	2249	1.065	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	8919	4.939	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11721	6.359	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	36384	32.419	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36384	135.610	ug/l #	13

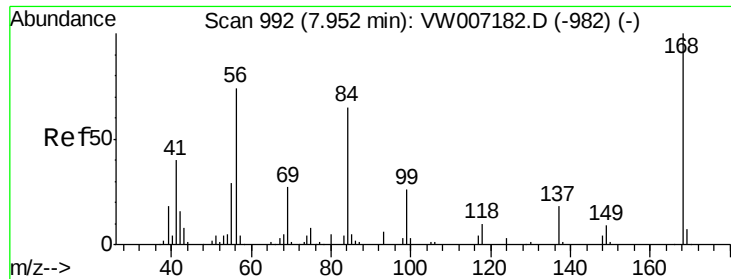
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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Misc : 6.51G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC-1(5)

Quant Time: Dec 05 07:27:02 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: VW007215.D

Acq: 05 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampled :

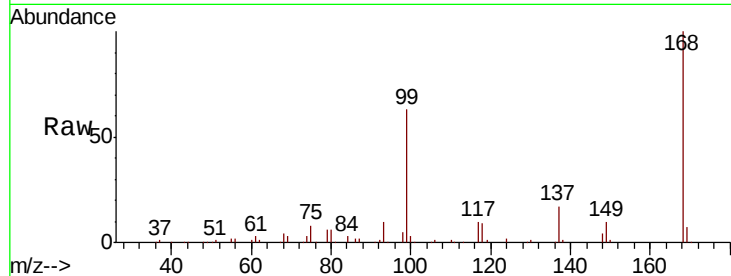
WC-1(5)

Tot Ion:168 Resp: 114265

Ion Ratio Lower Upper

168 100

99 62.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

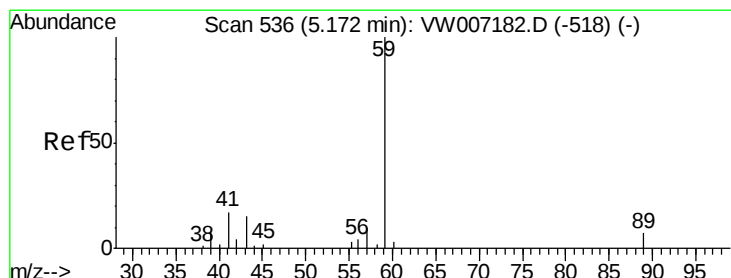
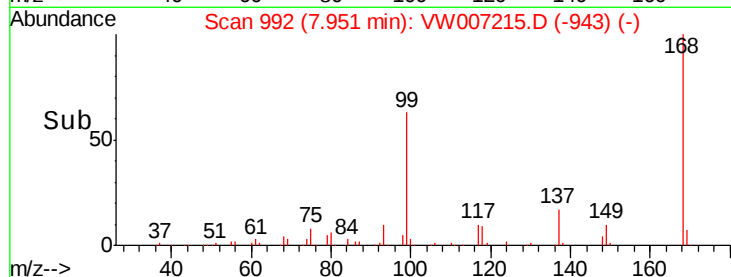
20000

10000

0

7.80 7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.11 min Scan# 526

Delta R.T. -0.06 min

Lab File: VW007215.D

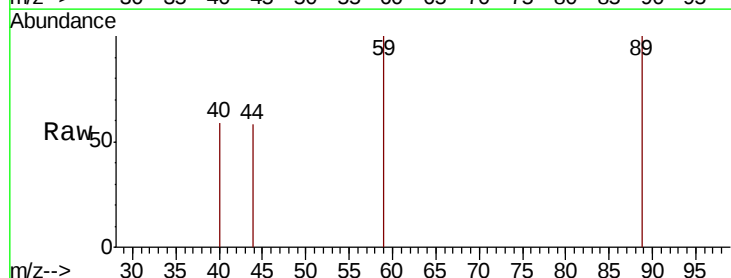
Acq: 05 Dec 2018 05:16

Tgt Ion: 59 Resp: 205

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

250

200

150

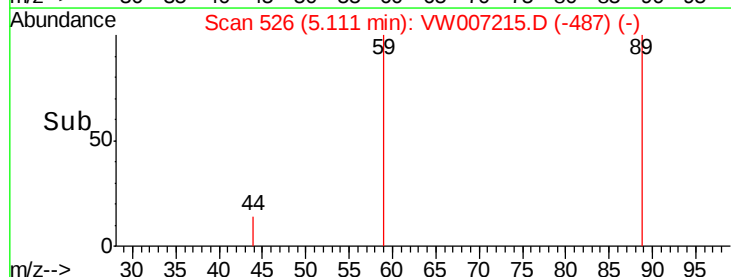
100

50

0

5.08 5.10 5.12

Time-->





#16

Acetone

Concen: 22.676 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007215.D

Acq: 05 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampled :

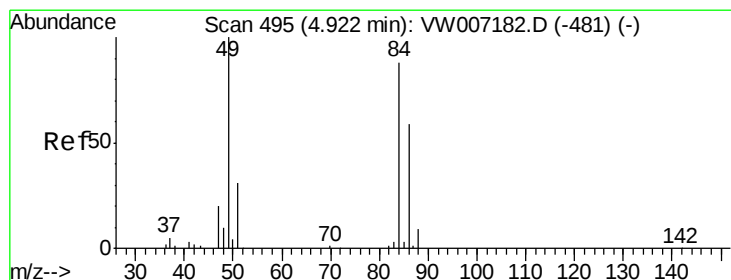
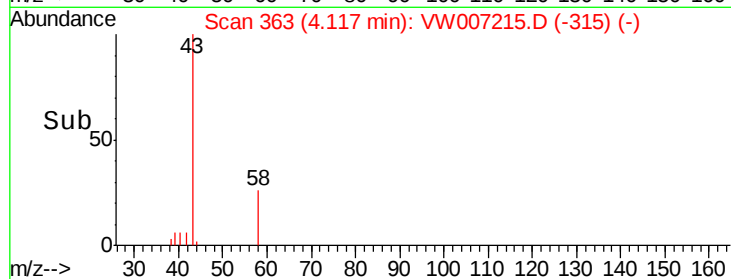
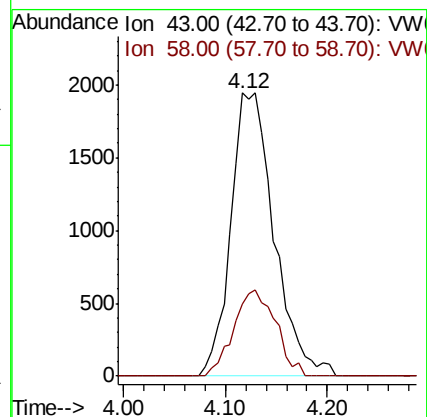
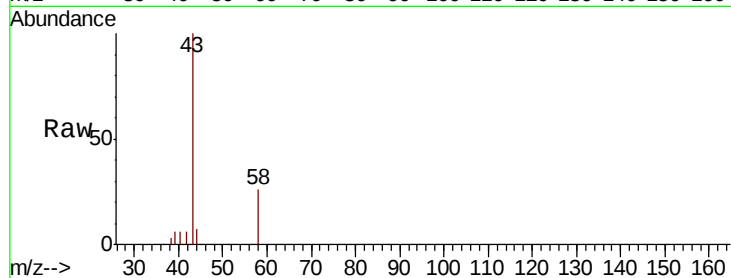
WC-1(5)

Tot Ion: 43 Resp: 5711

Ion Ratio Lower Upper

43 100

58 25.7 23.8 35.8



#20

Methylene Chloride

Concen: 8.459 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007215.D

Acq: 05 Dec 2018 05:16

Tgt Ion: 84 Resp: 16224

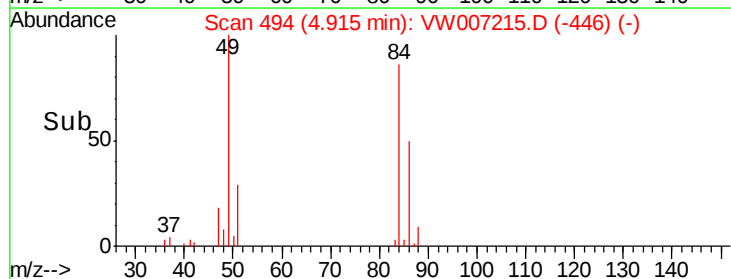
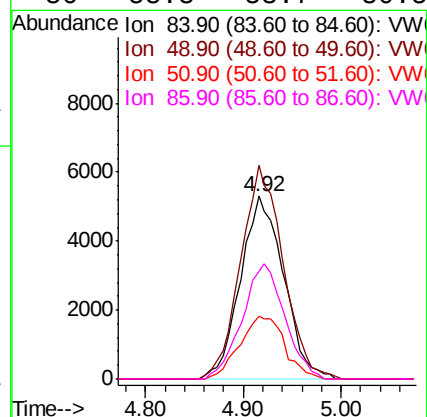
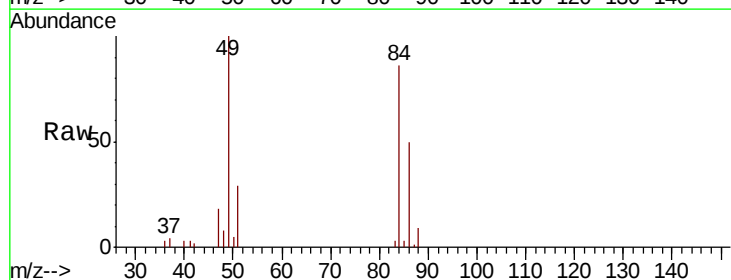
Ion Ratio Lower Upper

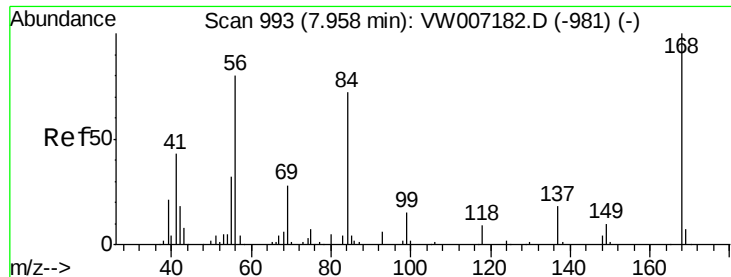
84 100

49 116.9 90.6 135.8

51 34.0 27.6 41.4

86 58.8 53.7 80.5

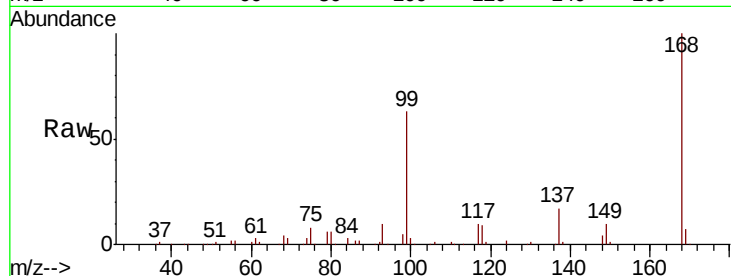




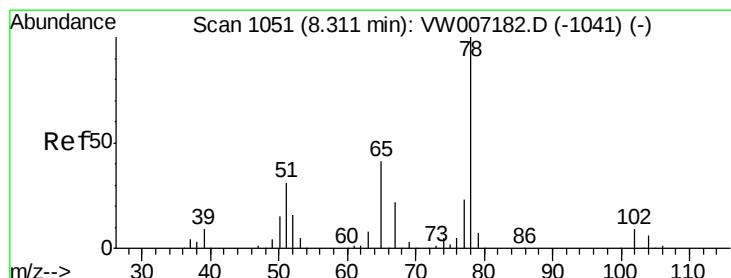
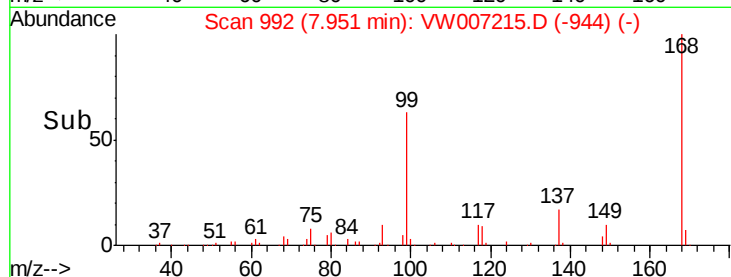
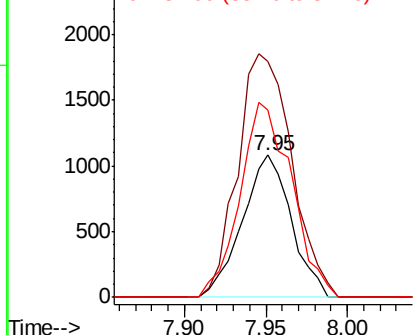
#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleID :
WC-1(5)

Tot Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 166.0 28.2 42.2#
84 131.6 72.1 108.1#

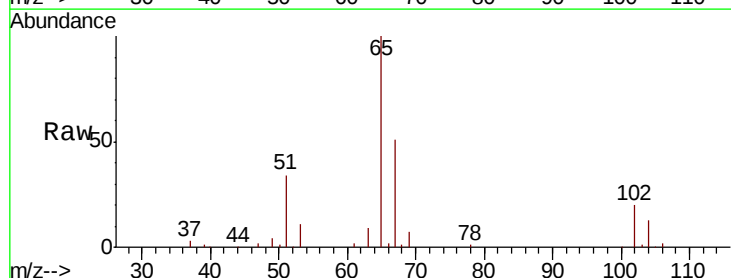


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

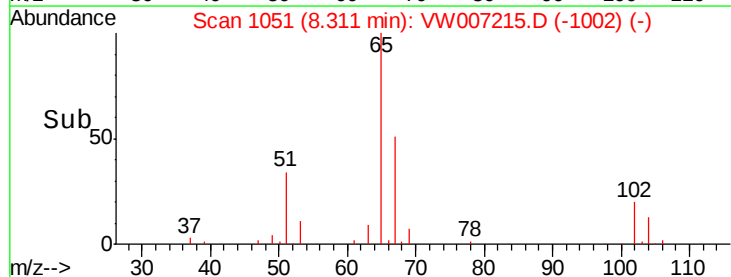
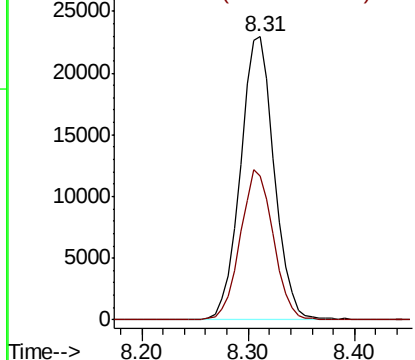


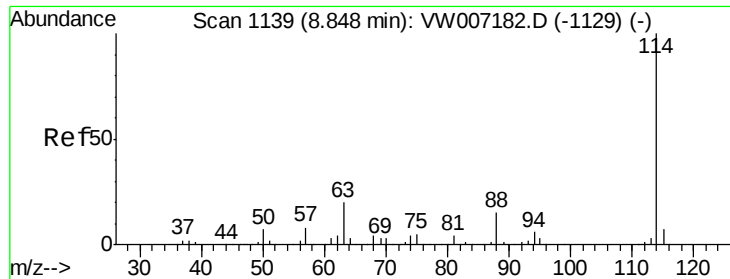
#33
1,2-Dichloroethane-d4
Concen: 47.850 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

Tgt Ion: 65 Resp: 50905
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4



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

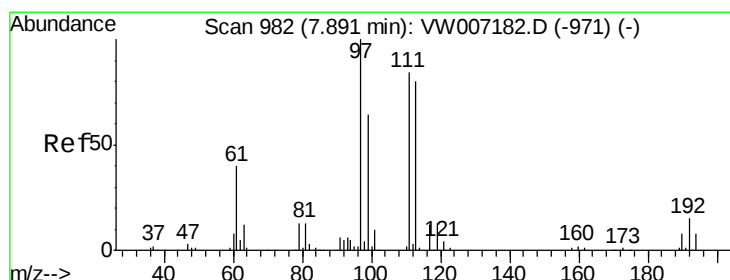
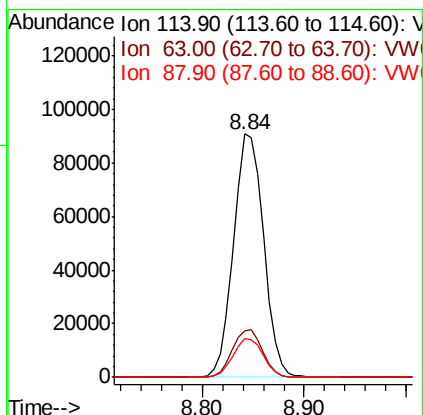
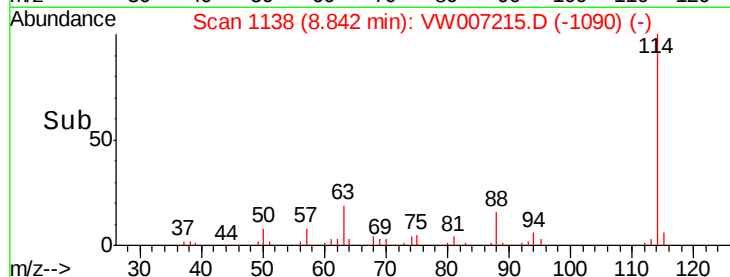
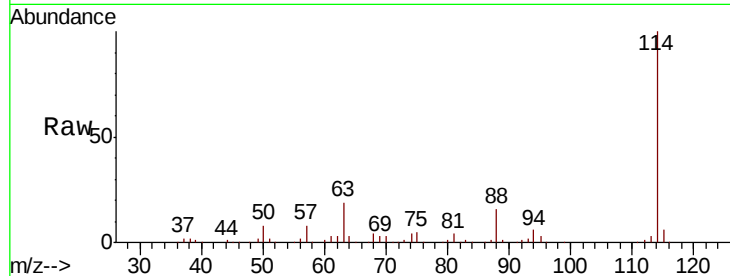




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

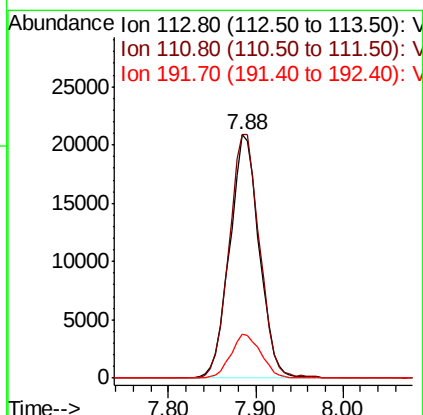
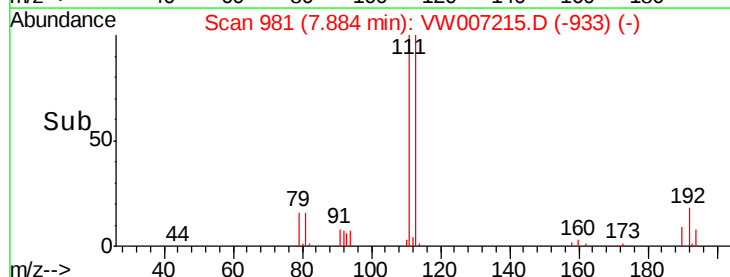
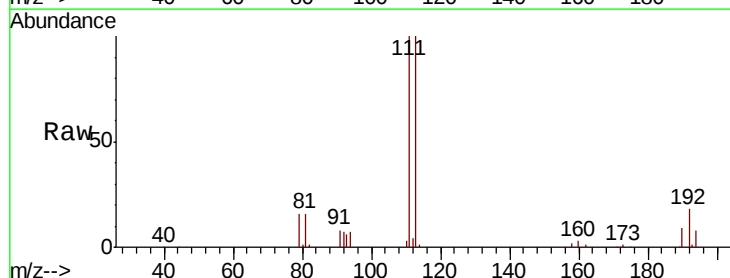
Instrument :
MSVOA_W
ClientSampleId :
WC-1(5)

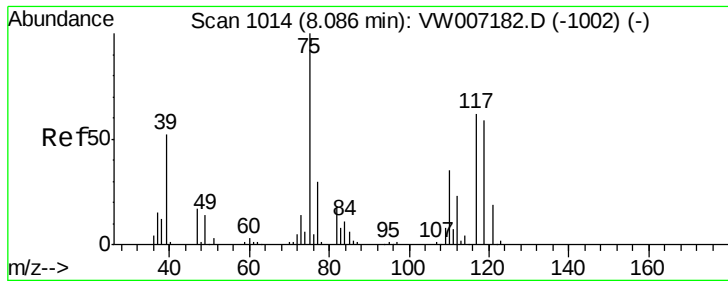
Tot Ion:114 Resp: 185590
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.2
88 15.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 46.194 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

Tgt Ion:113 Resp: 49090
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.2 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007215.D

Acq: 05 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

WC-1(5)

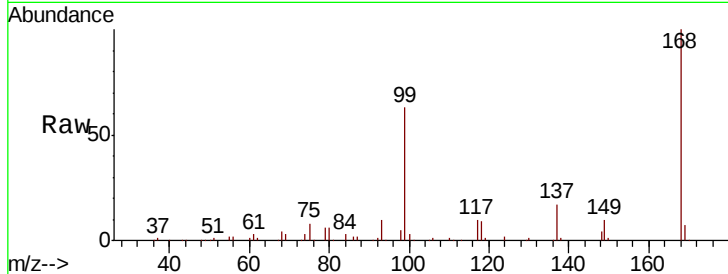
Tot Ion: 75 Resp: 8919

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.9#

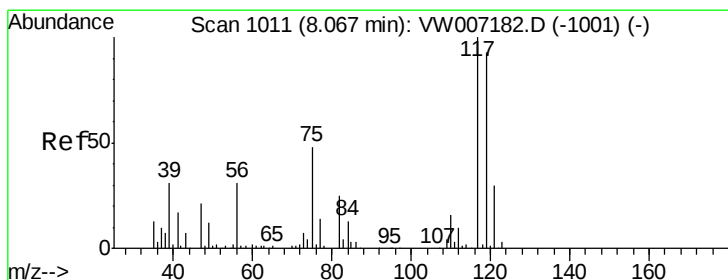
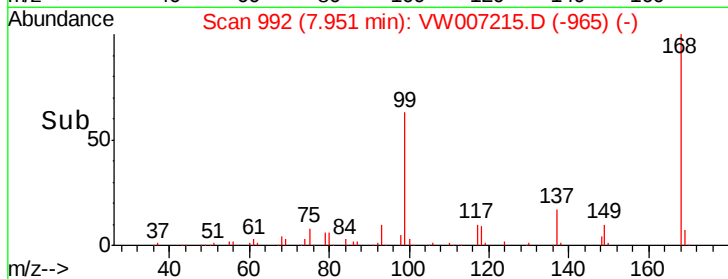
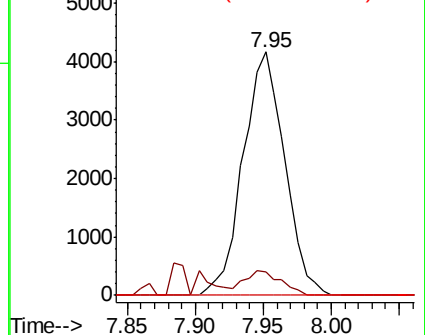
77 0.0 24.9 37.3#



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: 6.359 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007215.D

Acq: 05 Dec 2018 05:16

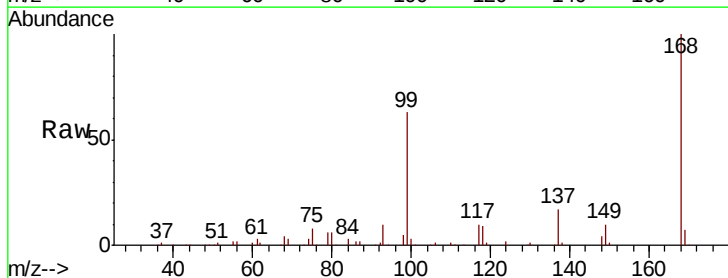
Tgt Ion: 117 Resp: 11721

Ion Ratio Lower Upper

117 100

119 4.8 74.1 111.1#

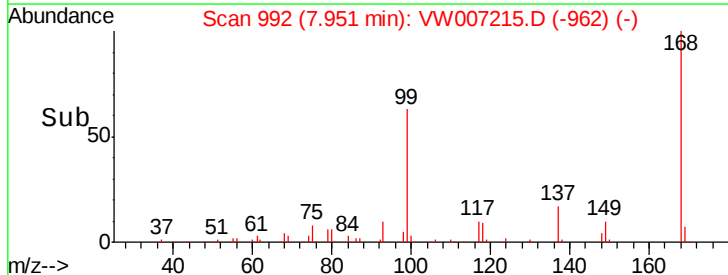
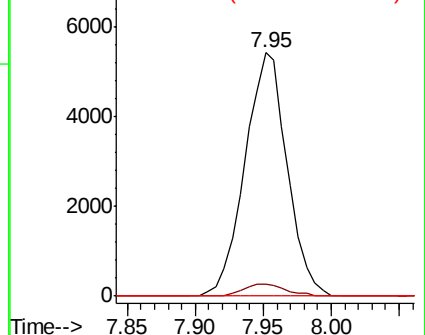
121 0.0 23.9 35.9#

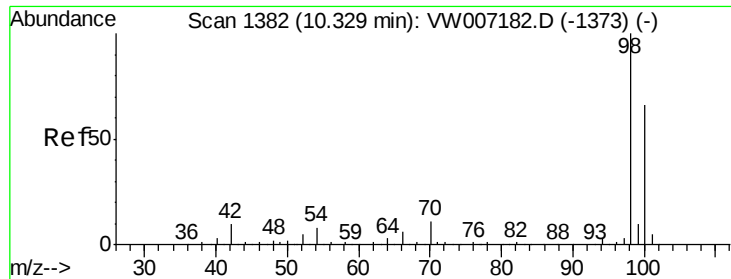


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

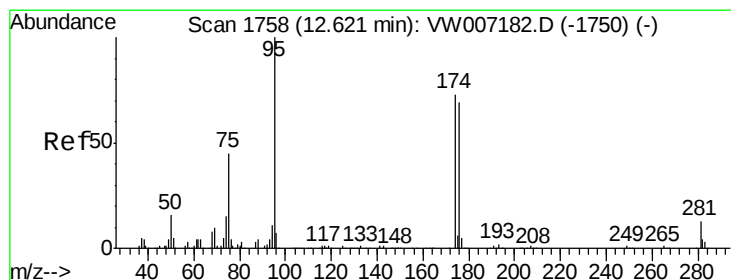
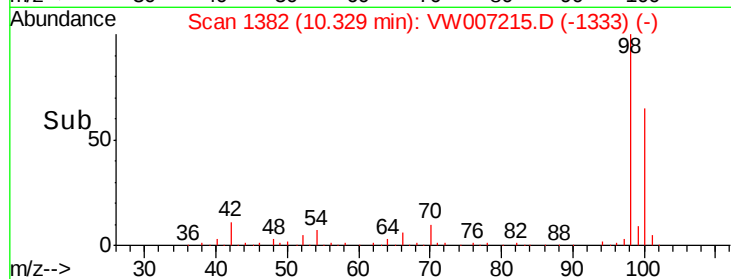
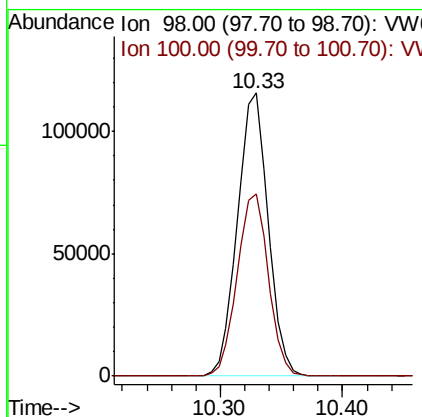
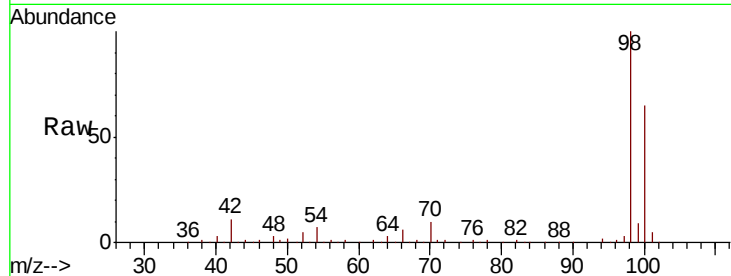




#50
Toluene-d8
Concen: 43.096 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

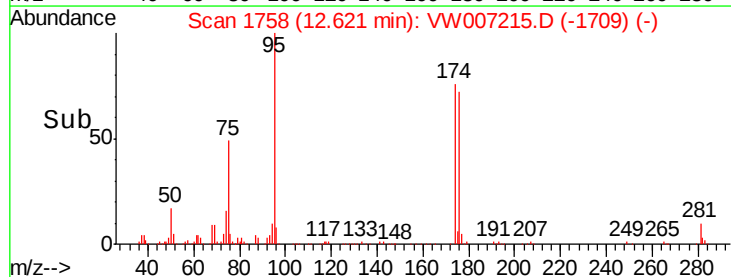
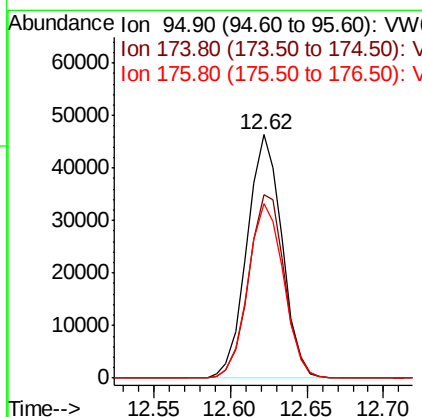
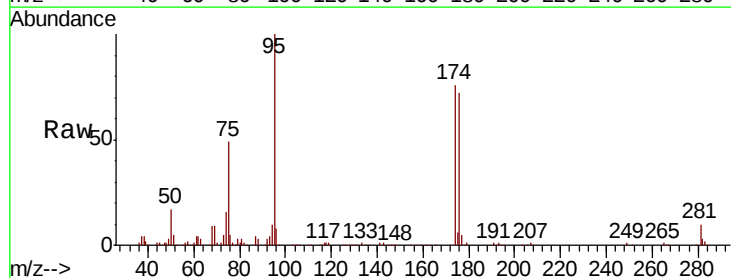
Instrument :
MSVOA_W
ClientSampled :
WC-1(5)

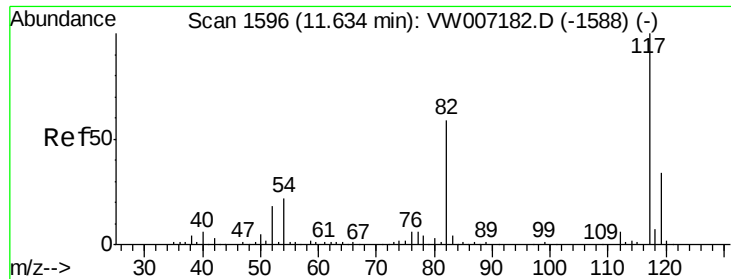
Tot Ion: 98 Resp: 201738
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 41.699 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

Tgt Ion: 95 Resp: 73676
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.0
176 73.5 0.0 139.4

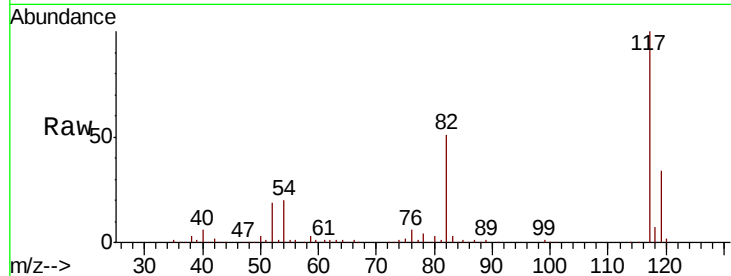




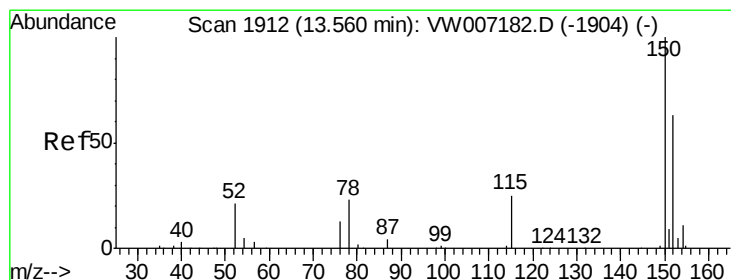
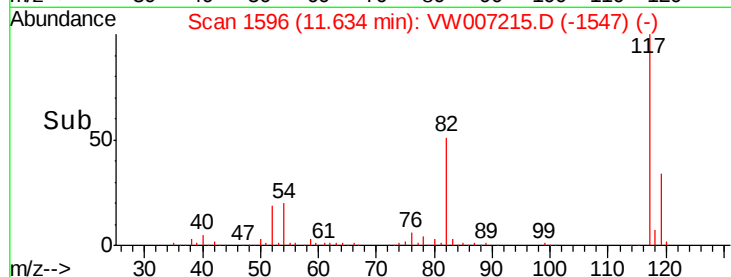
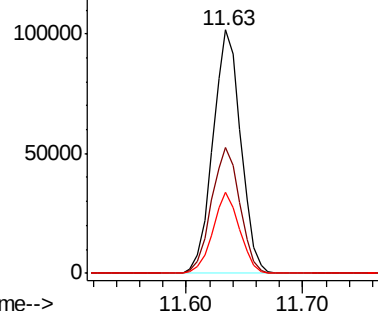
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
WC-1(5)

Tot Ion:117 Resp: 169682
Ion Ratio Lower Upper
117 100
82 51.5 47.4 71.2
119 33.5 26.8 40.2

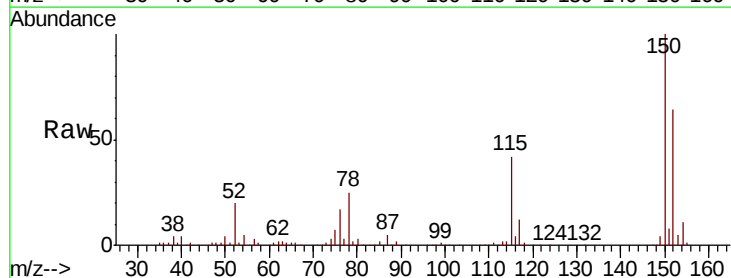


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

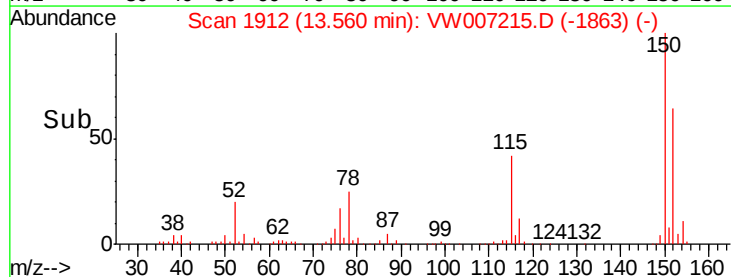
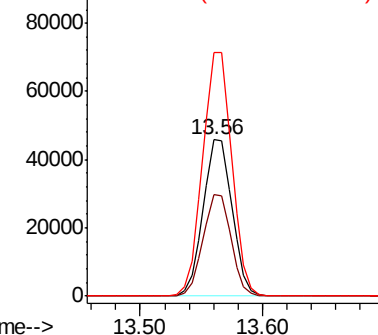


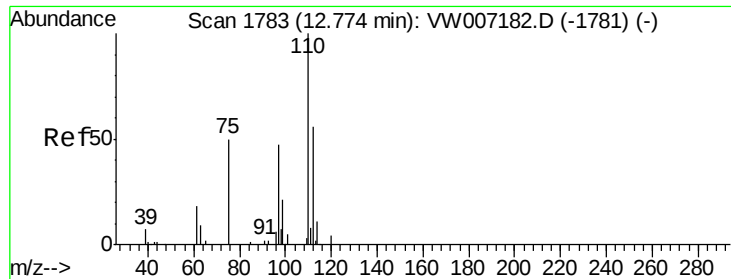
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007215.D
Acq: 05 Dec 2018 05:16

Tgt Ion:152 Resp: 74683
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 157.4 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: 32.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007215.D

Acq: 05 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampled :

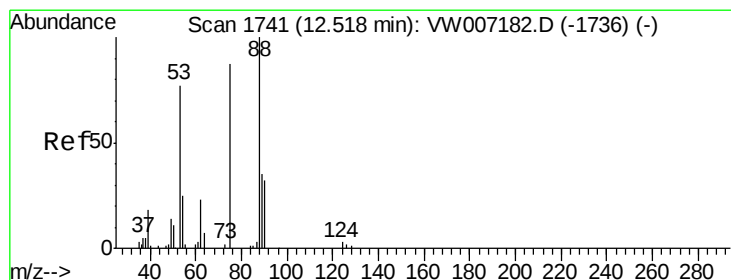
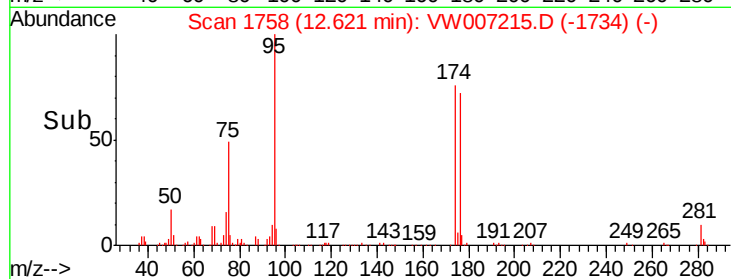
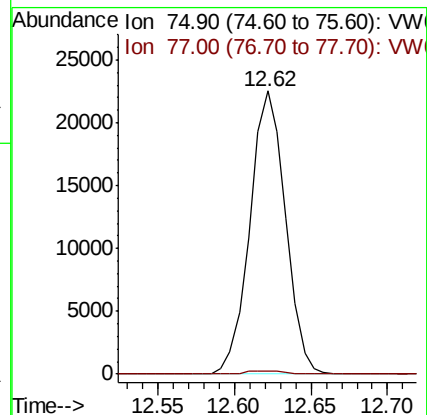
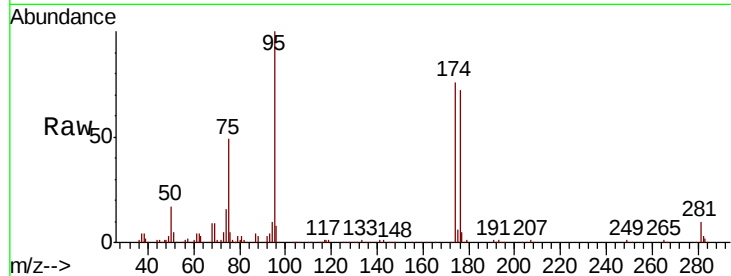
WC-1(5)

Tot Ion: 75 Resp: 36384

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.610 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007215.D

Acq: 05 Dec 2018 05:16

Tgt Ion: 75 Resp: 36384

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.1 36.4 54.6#

