

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006538.D
 Acq On : 31 Oct 2018 20:29
 Operator : SY/AP
 Sample : J5649-13
 Misc : 3.72G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 23:13:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

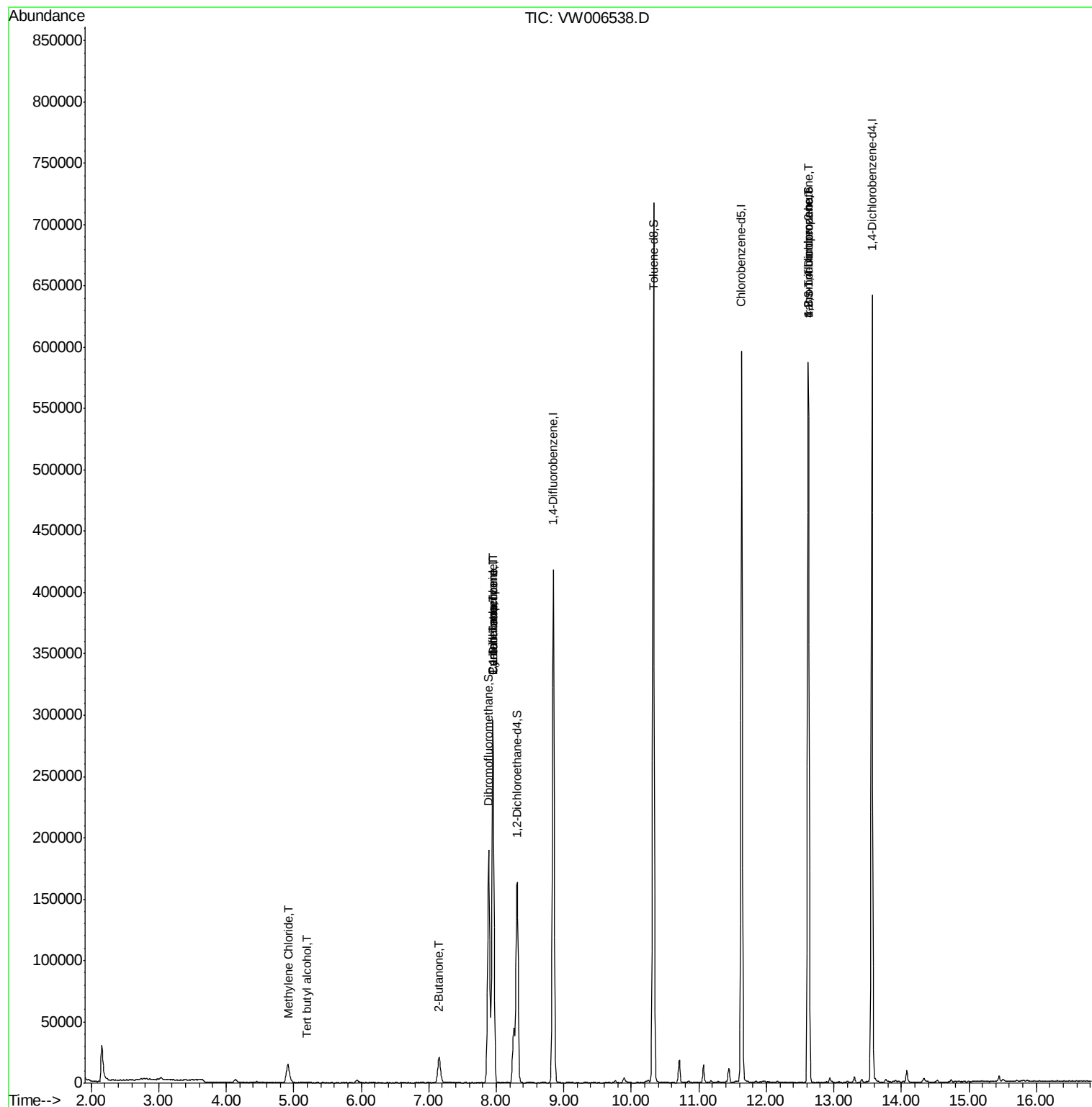
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	381339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131329	65.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.00%	
35) Dibromofluoromethane	7.88	113	133014	59.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.06%	
50) Toluene-d8	10.33	98	495267	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.54%	
62) 4-Bromofluorobenzene	12.62	95	176500	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	284	2.090	ug/l #	71
16) Acetone	4.13	43	4696	Below Cal		92
20) Methylene Chloride	4.92	84	13230	4.715	ug/l	94
25) 2-Butanone	7.15	43	1524	2.792	ug/l #	85
31) Cyclohexane	7.95	56	4037	1.092	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	15140	4.307	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21377	5.548	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	87339	61.616	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87339	147.287	ug/l #	10

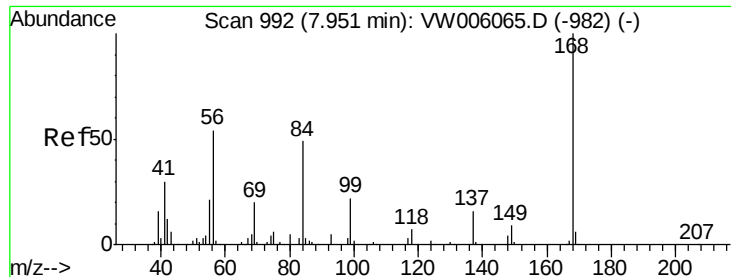
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006538.D
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MSVOA_W
ClientSampleId :

Quant Time: Oct 31 23:13:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

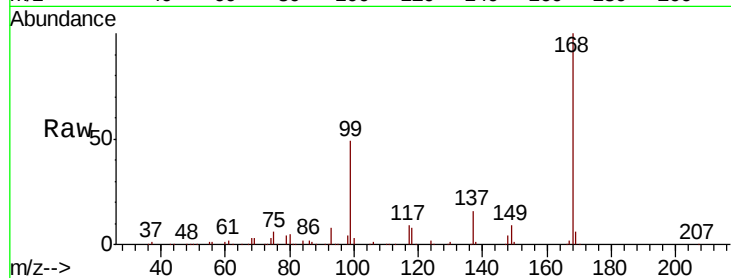
ClientSampled :

Tot Ion:168 Resp: 243691

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

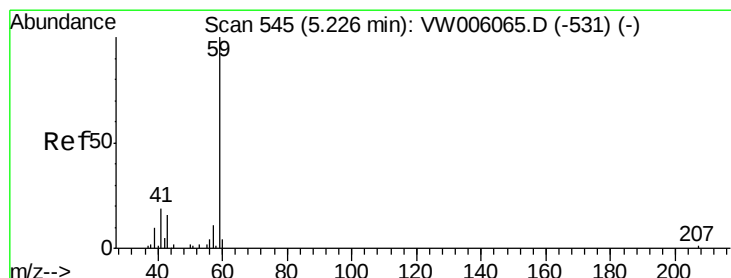
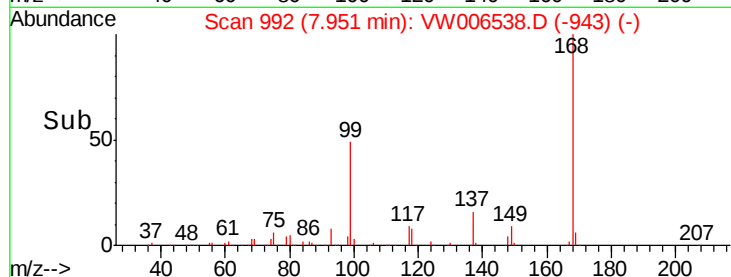
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.090 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.04 min

Lab File: VW006538.D

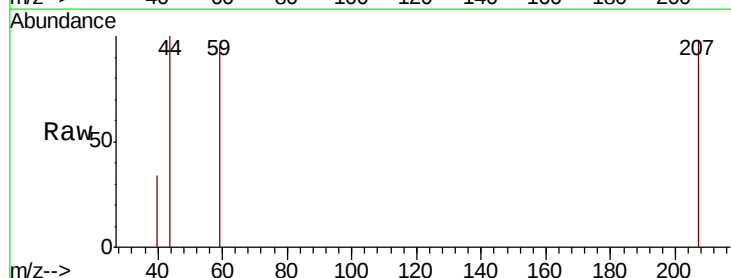
Acq: 31 Oct 2018 20:29

Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

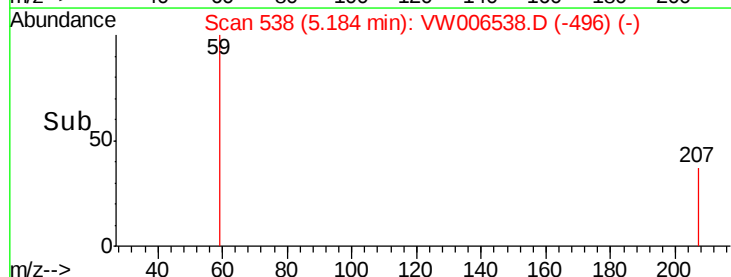
150

100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

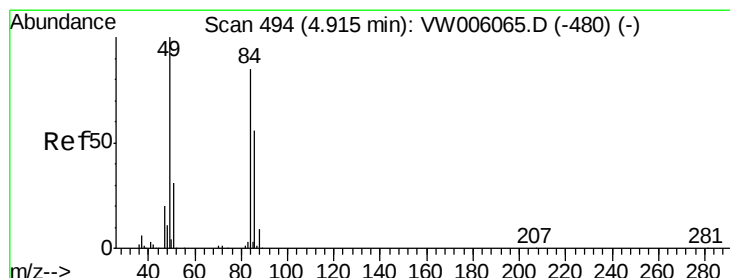
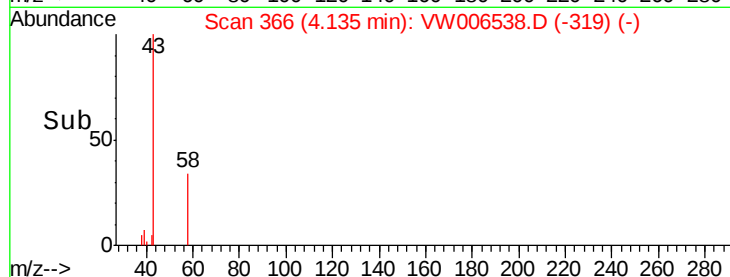
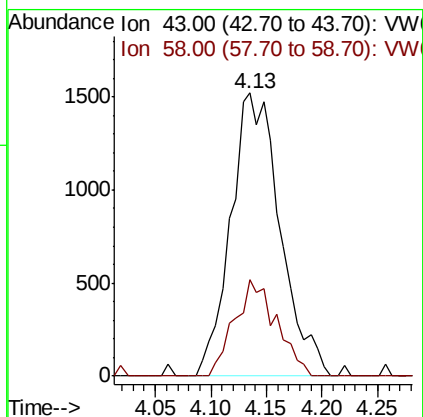
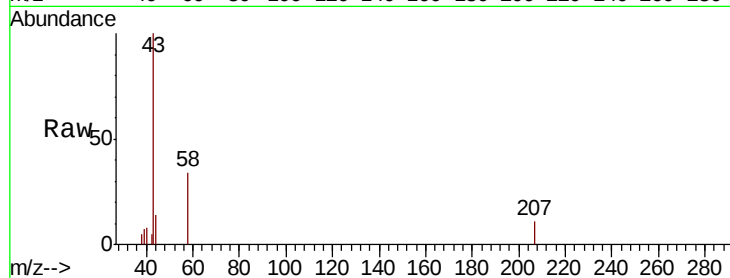
ClientSampleId :

Tot Ion: 43 Resp: 4696

Ion Ratio Lower Upper

43 100

58 34.2 24.0 36.0



#20

Methylene Chloride

Concen: 4.715 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Tgt Ion: 84 Resp: 13230

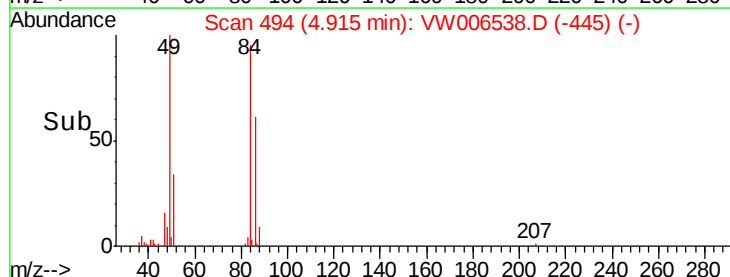
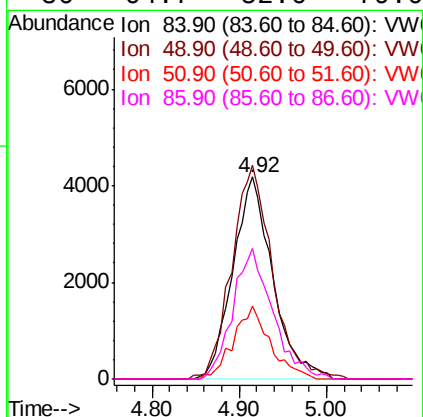
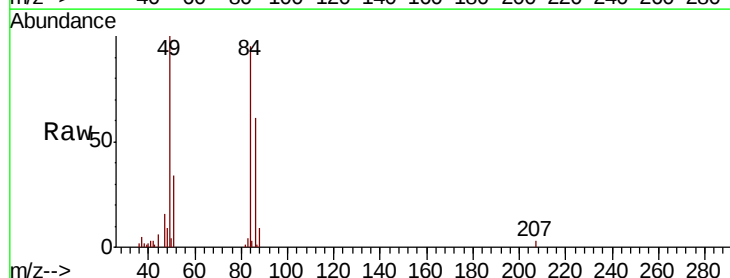
Ion Ratio Lower Upper

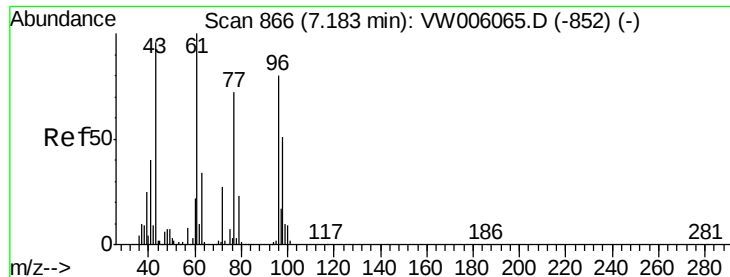
84 100

49 105.8 93.6 140.4

51 36.2 29.0 43.4

86 64.7 52.6 79.0





#25

2-Butanone

Concen: 2.792 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

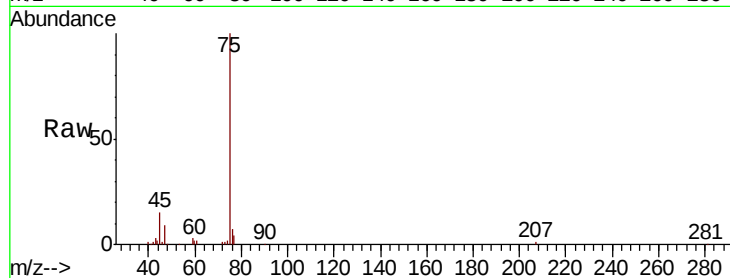
ClientSampleId :

Tot Ion: 43 Resp: 1524

Ion Ratio Lower Upper

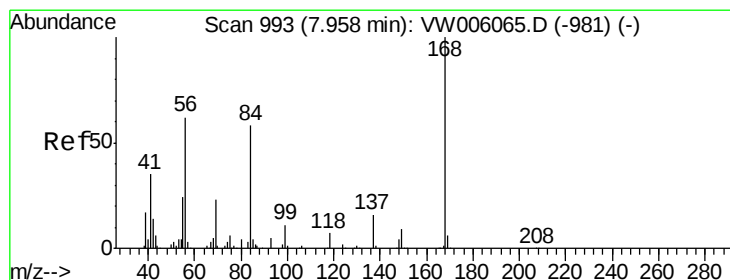
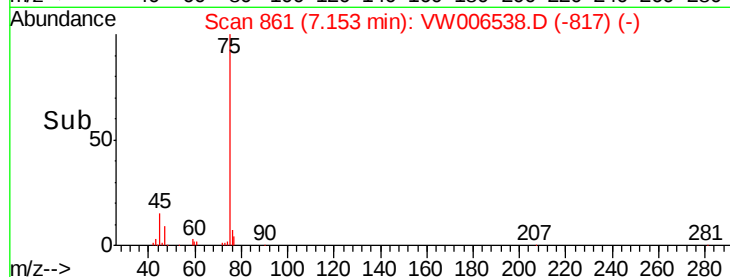
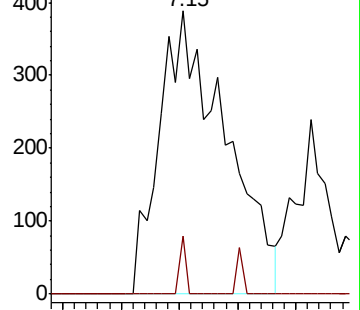
43 100

72 20.6 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.092 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

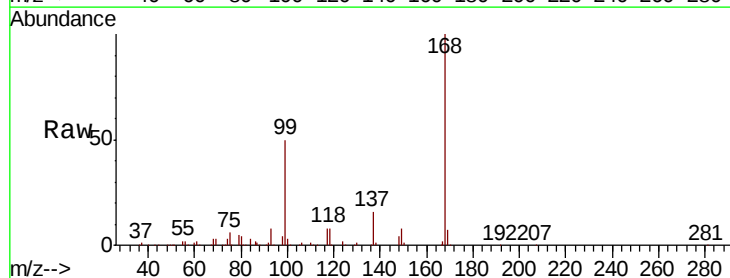
Tgt Ion: 56 Resp: 4037

Ion Ratio Lower Upper

56 100

69 159.1 29.4 44.0#

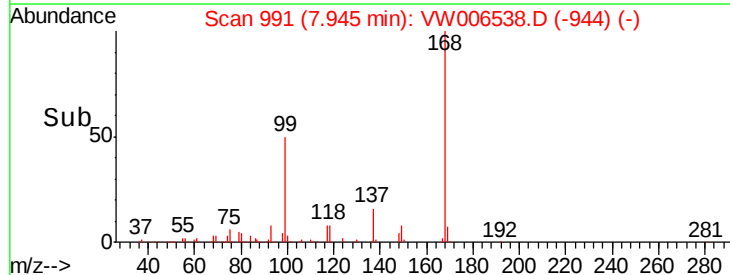
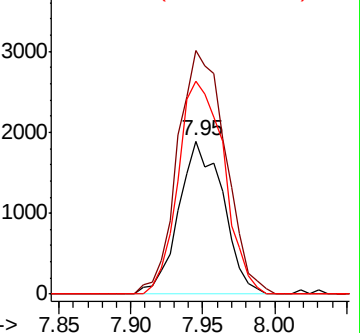
84 139.2 74.0 111.0#

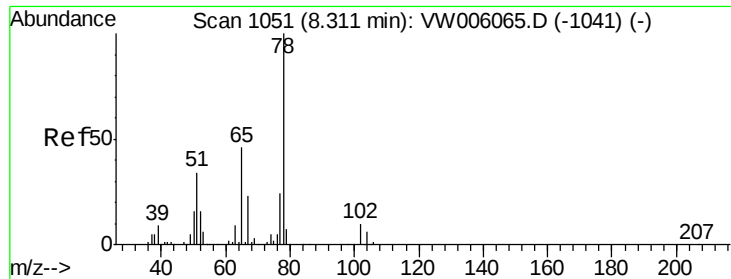


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

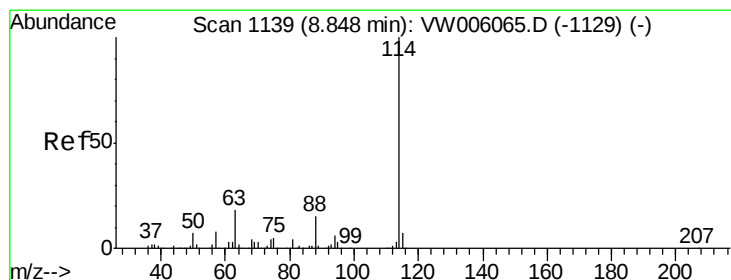
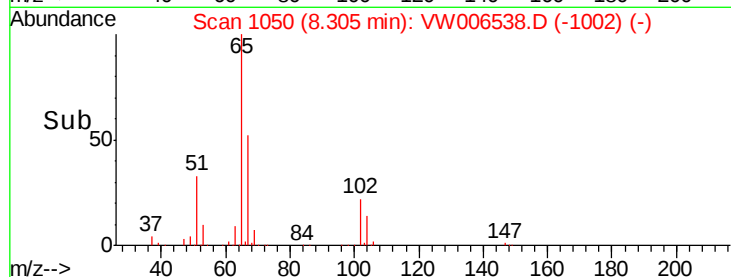
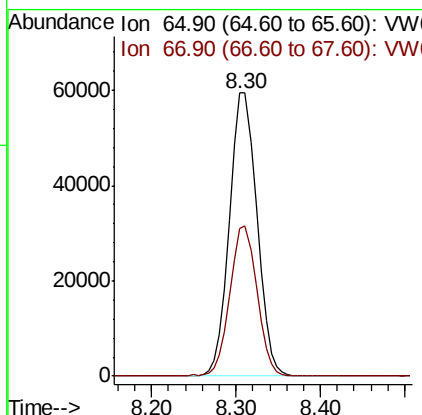
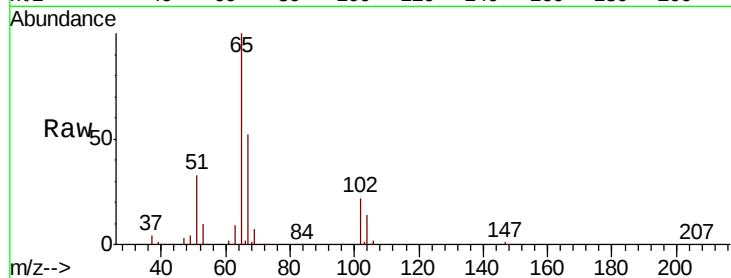




#33
 1,2-Dichloroethane-d4
 Concen: 65.004 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006538.D
 Acq: 31 Oct 2018 20:29

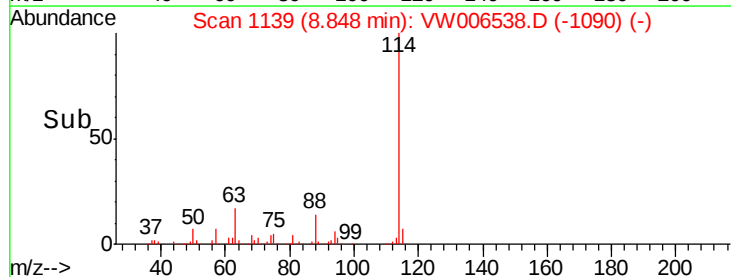
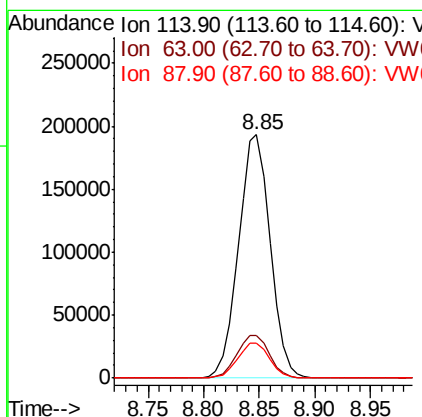
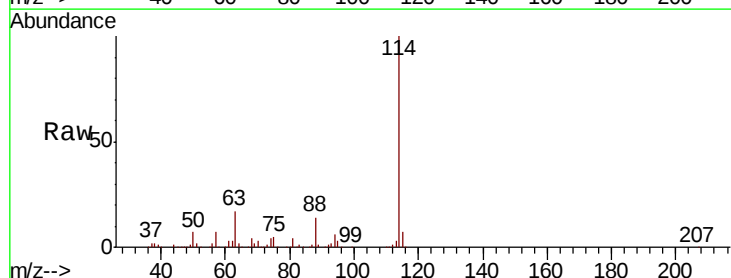
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 65 Resp: 131329
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006538.D
 Acq: 31 Oct 2018 20:29

Tgt Ion: 114 Resp: 381339
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 59.030 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :

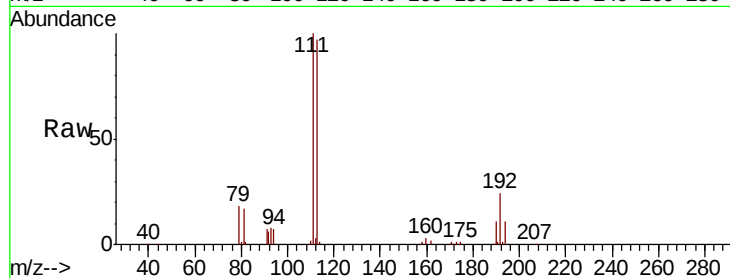
Tot Ion:113 Resp: 133014

Ion Ratio Lower Upper

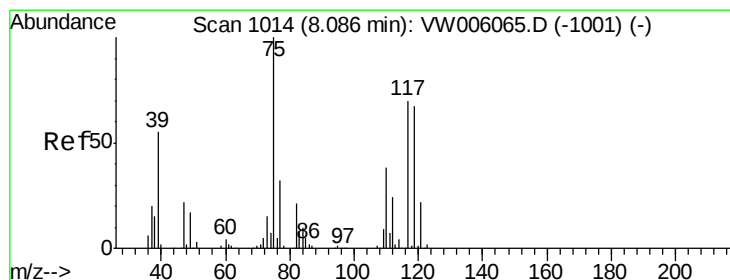
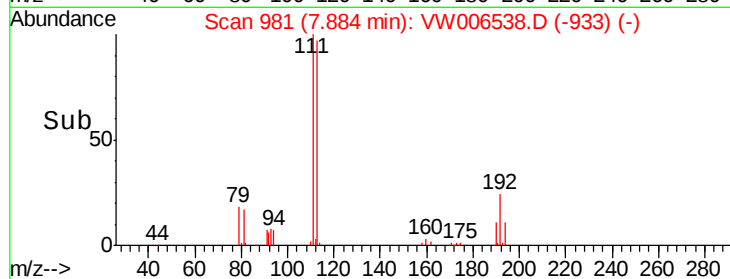
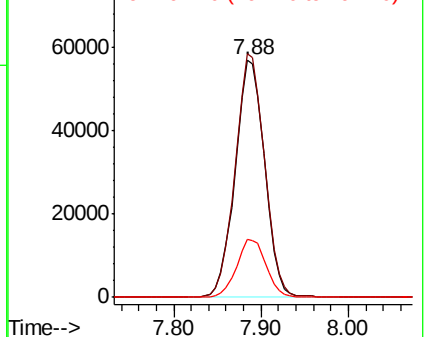
113 100

111 102.2 81.4 122.0

192 24.3 18.7 28.1



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: 4.307 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

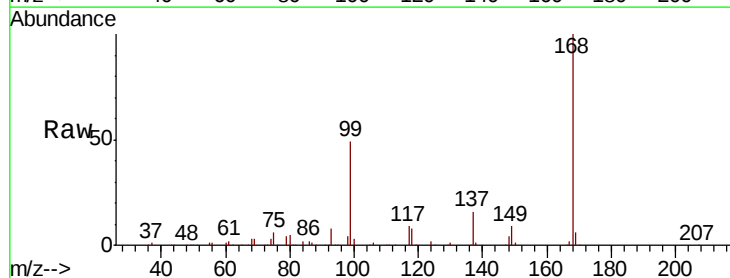
Tgt Ion: 75 Resp: 15140

Ion Ratio Lower Upper

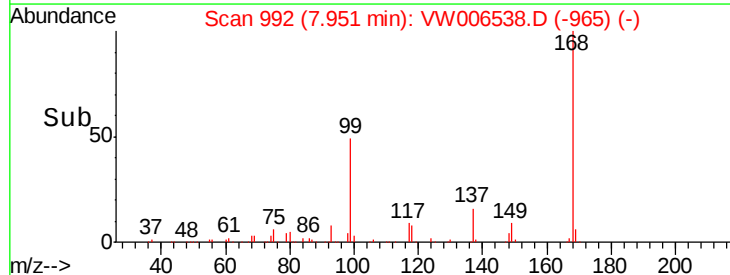
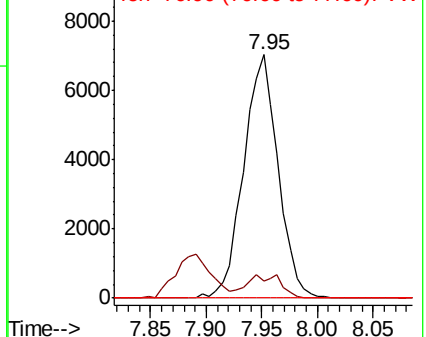
75 100

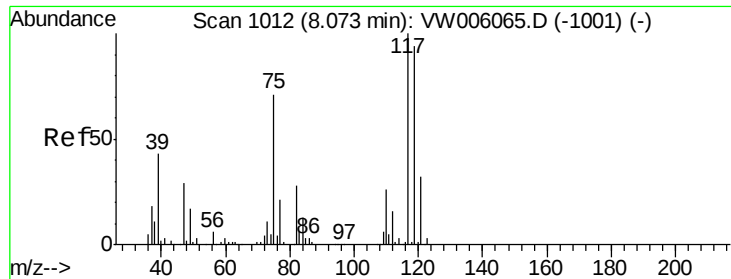
110 9.7 19.1 57.1#

77 0.0 25.0 37.4#



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

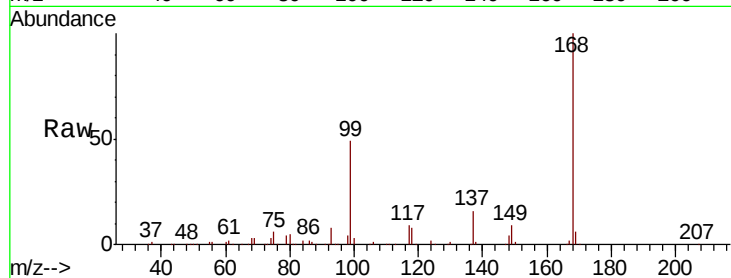




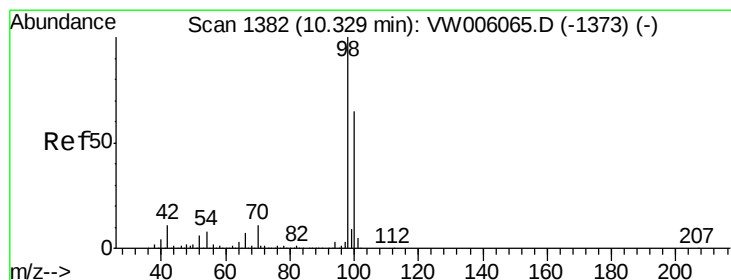
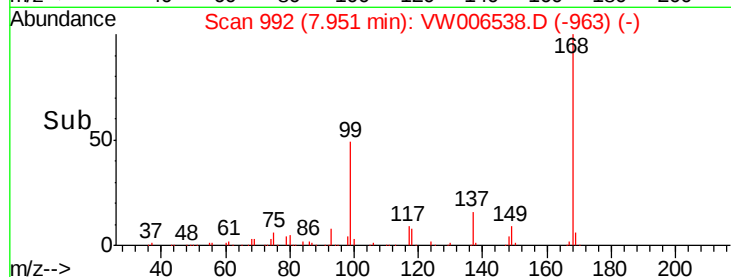
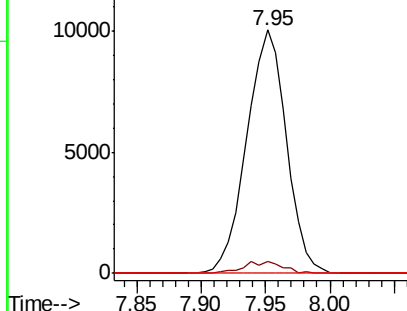
#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006538.D
Acq: 31 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 21377
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 25.3 37.9#

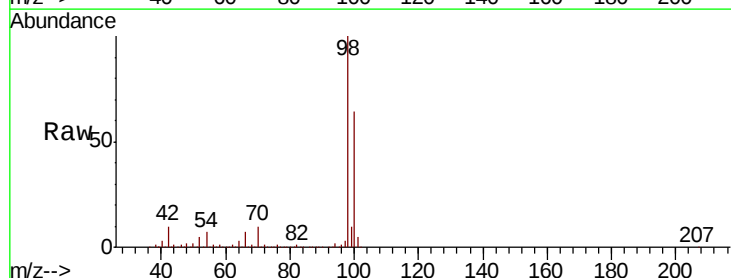


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

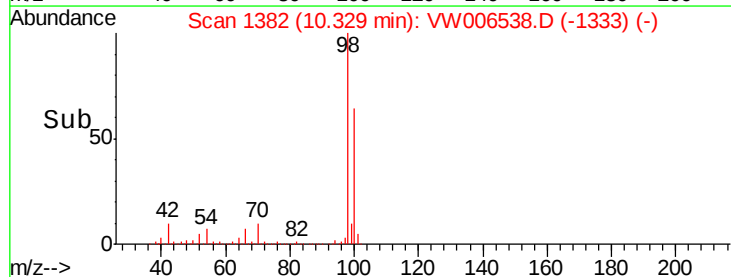
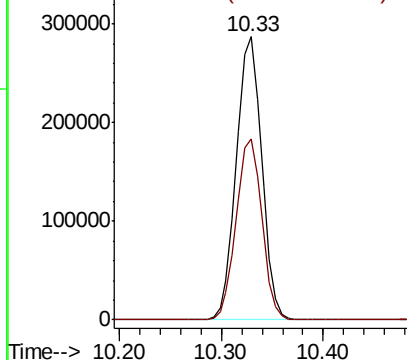


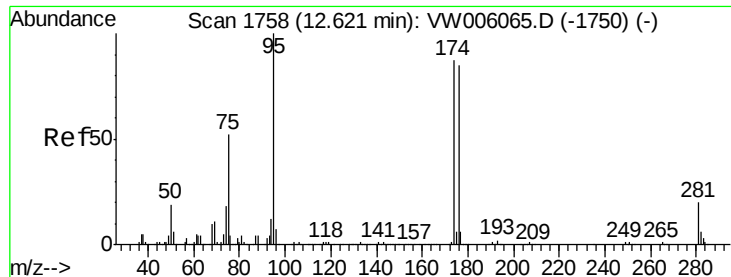
#50
Toluene-d8
Concen: 57.772 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006538.D
Acq: 31 Oct 2018 20:29

Tgt Ion: 98 Resp: 495267
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampled :

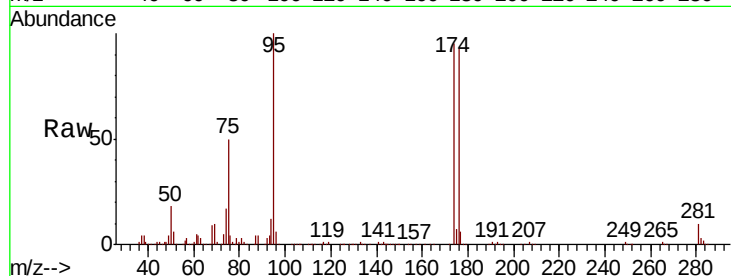
Tot Ion: 95 Resp: 176500

Ion Ratio Lower Upper

95 100

174 97.9 0.0 186.0

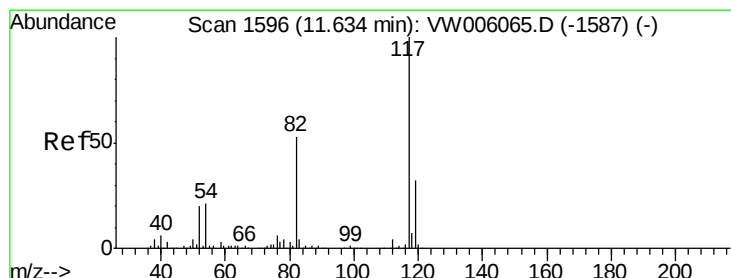
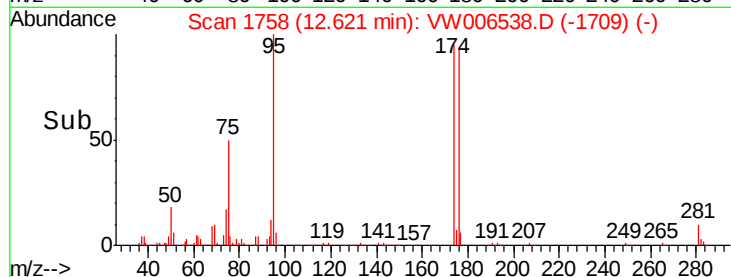
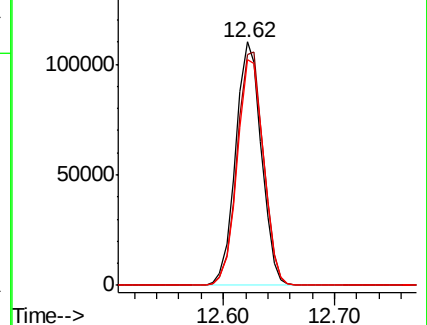
176 94.6 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

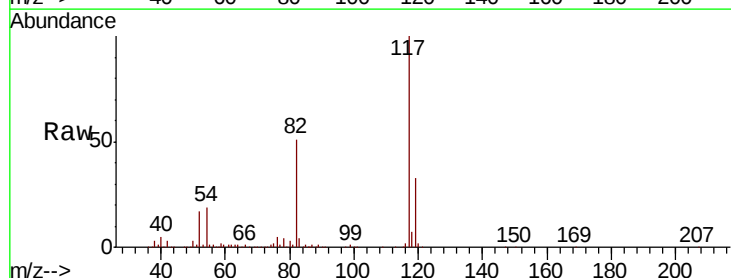
Tgt Ion: 117 Resp: 349908

Ion Ratio Lower Upper

117 100

82 50.9 42.1 63.1

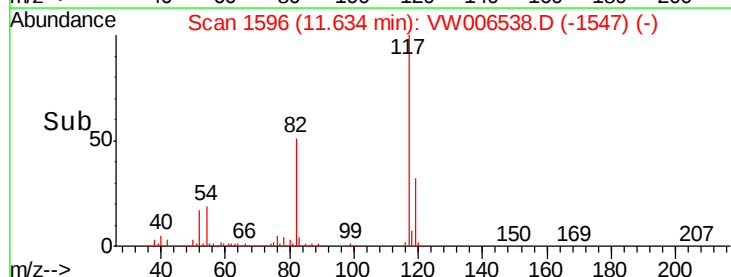
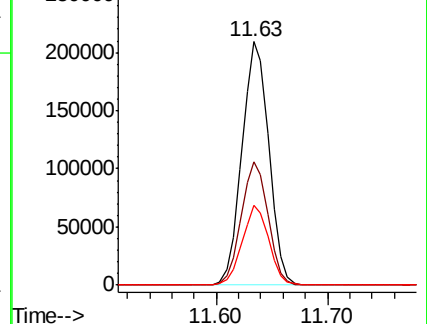
119 32.4 25.8 38.6

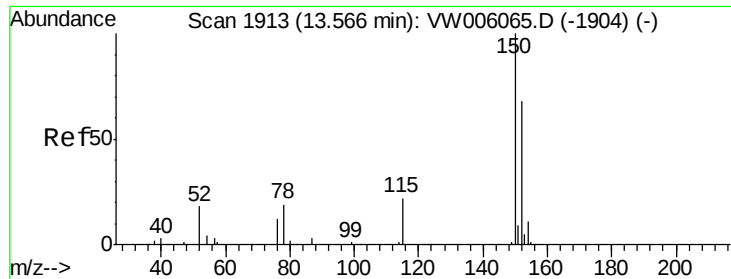


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



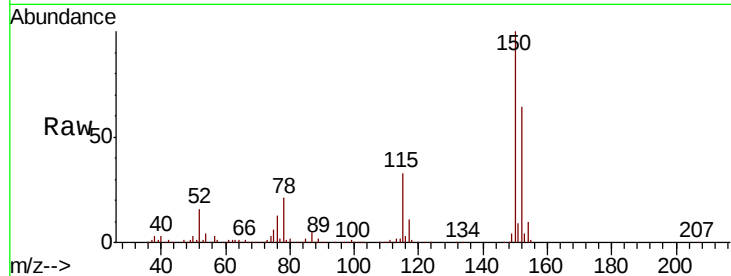


#72

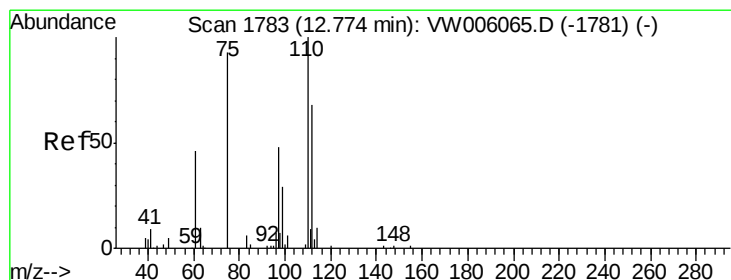
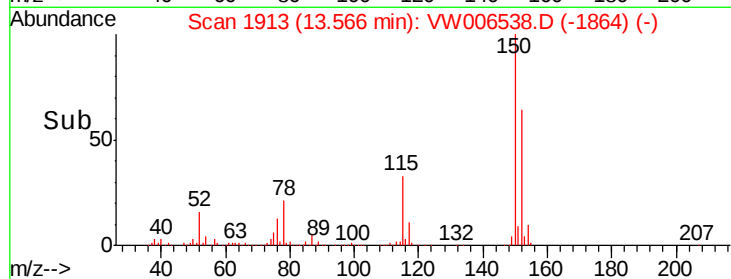
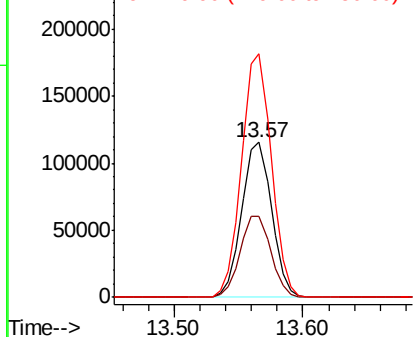
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006538.D
Acq: 31 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 185580
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.3
150 156.5 0.0 349.2



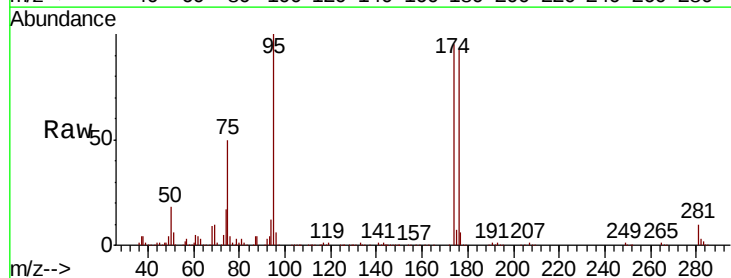
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



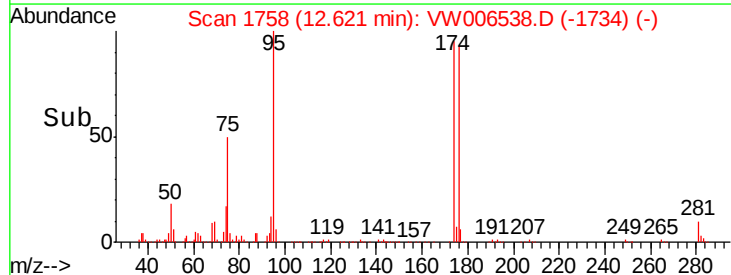
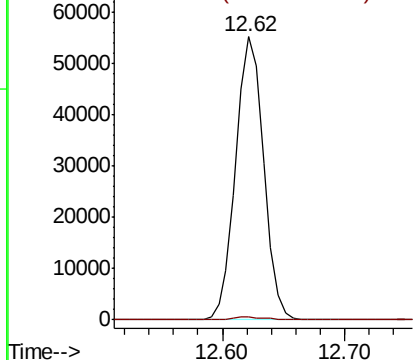
#76

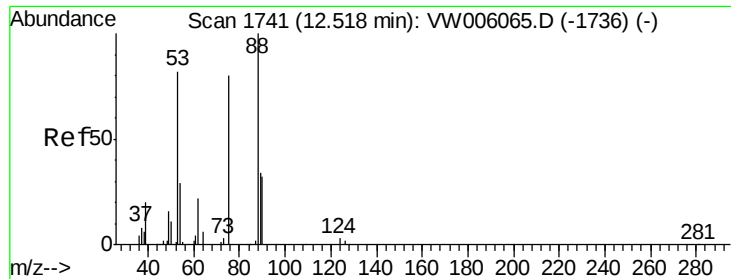
1,2,3-Trichloropropane
Concen: 61.616 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006538.D
Acq: 31 Oct 2018 20:29

Tgt Ion: 75 Resp: 87339
Ion Ratio Lower Upper
75 100
77 1.1 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: 147.287 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

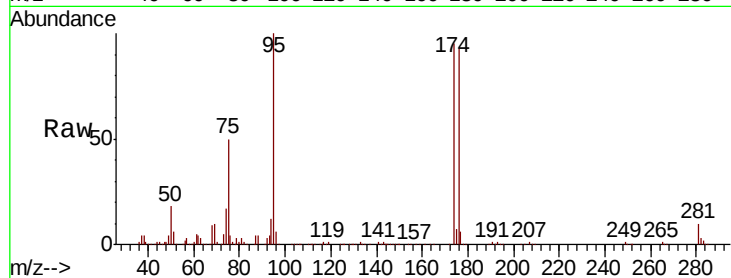
Tot Ion: 75 Resp: 87339

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

