

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006052.D
 Acq On : 12 Oct 2018 17:46
 Operator : VA/AP
 Sample : J5198-13
 Misc : 7.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-B

Quant Time: Oct 13 01:08:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	10502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	3105	39.78	ug/l	0.00
Spiked Amount			Recovery	=	79.56%	
35) Dibromofluoromethane	7.89	113	3122	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
50) Toluene-d8	10.33	98	12344	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.62	95	3085	31.43	ug/l	0.00
Spiked Amount			Recovery	=	62.86%	

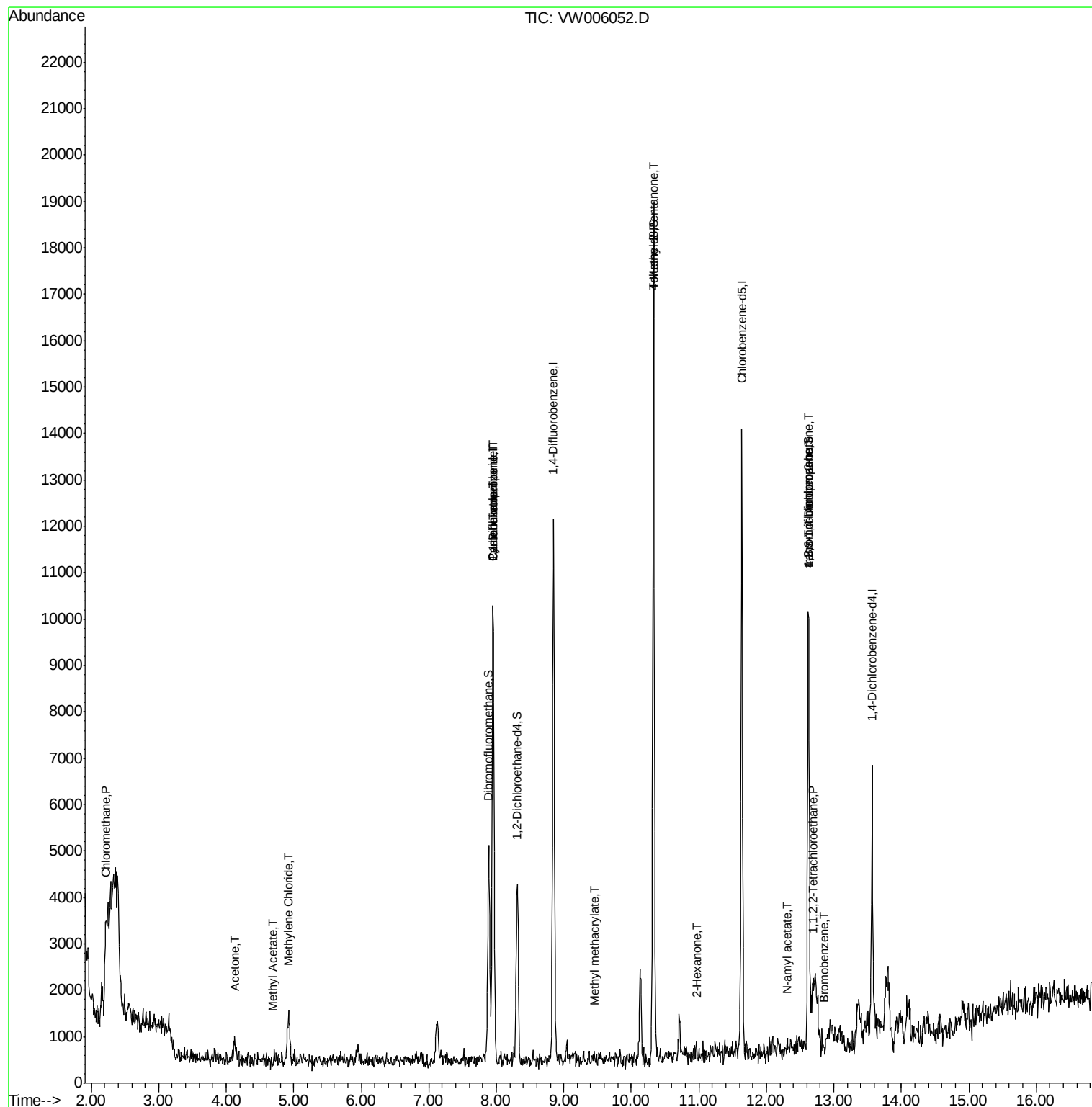
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	81	1.748	ug/l #	41
16) Acetone	4.13	43	1070	68.634	ug/l	97
18) Methyl Acetate	4.70	43	54	1.373	ug/l #	51
20) Methylene Chloride	4.93	84	764	9.781	ug/l	90
31) Cyclohexane	7.95	56	213	1.559	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	590	5.863	ug/l #	40
38) Carbon Tetrachloride	7.95	117	705	6.521	ug/l #	11
48) Methyl methacrylate	9.45	41	76	1.792	ug/l #	12
51) 4-Methyl-2-Pentanone	10.33	43	203	4.683	ug/l	93
59) 2-Hexanone	10.98	43	50	1.609	ug/l #	26
74) N-amyl acetate	12.30	43	90	2.873	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.70	83	334	15.450	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	1533	95.025	ug/l #	100
77) Bromobenzene	12.87	156	47	1.504	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	1533	200.609	ug/l #	11

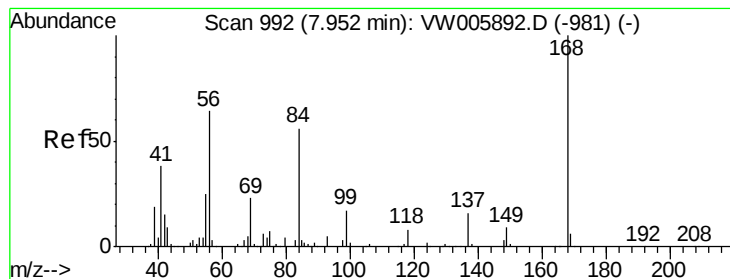
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
Data File : VW006052.D
Acq On : 12 Oct 2018 17:46
Operator : VA/AP
Sample : J5198-13
Misc : 7.01G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
CL-02-101218-B

Quant Time: Oct 13 01:08:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

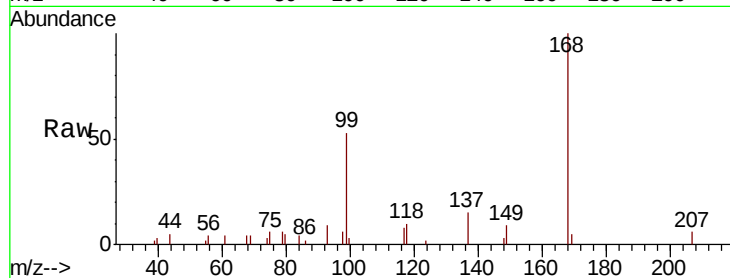
CL-02-101218-B

Tgt Ion:168 Resp: 8040

Ion Ratio Lower Upper

168 100

99 53.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

4000

3000

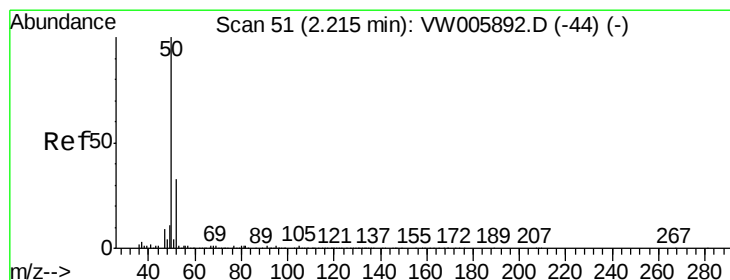
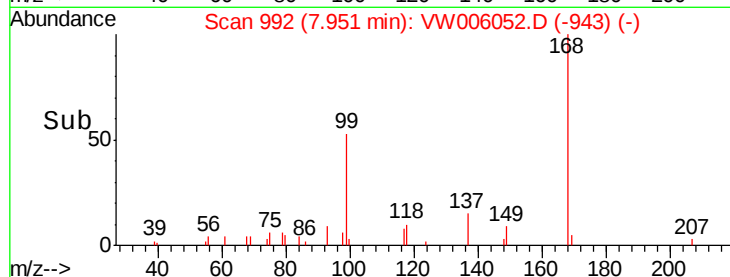
2000

1000

0

7.90 7.95 8.00

Time-->



#3

Chloromethane

Concen: 1.748 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006052.D

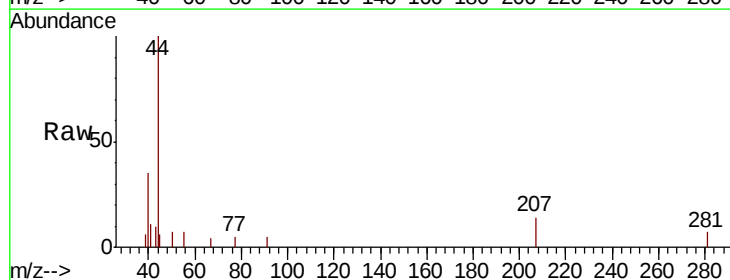
Acq: 12 Oct 2018 17:46

Tgt Ion: 50 Resp: 81

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

100

80

60

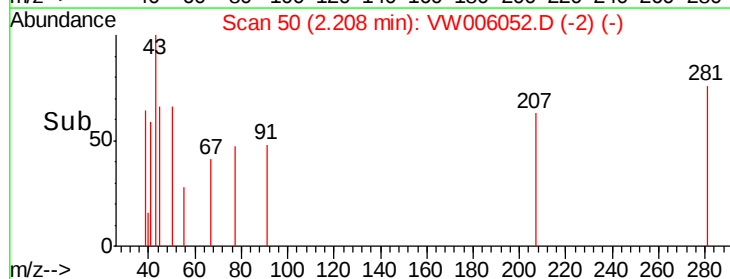
40

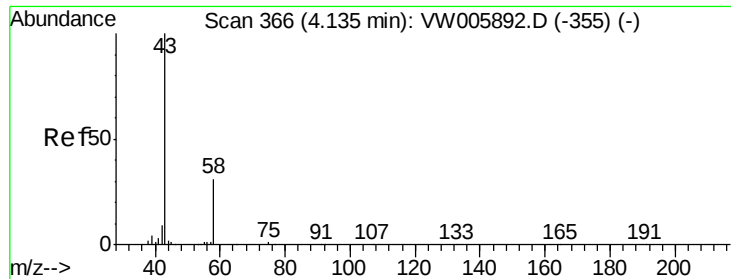
20

0

2.18 2.20 2.22 2.24

Time-->





#16

Acetone

Concen: 68.634 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

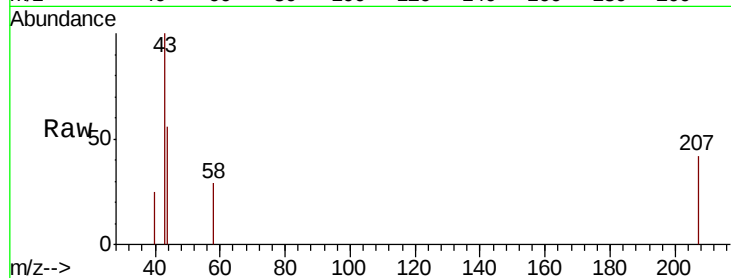
CL-02-101218-B

Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

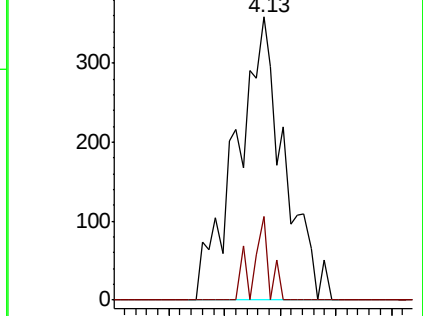
43 100

58 29.3 24.7 37.1

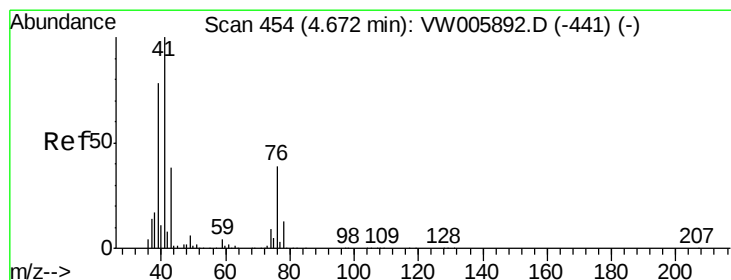
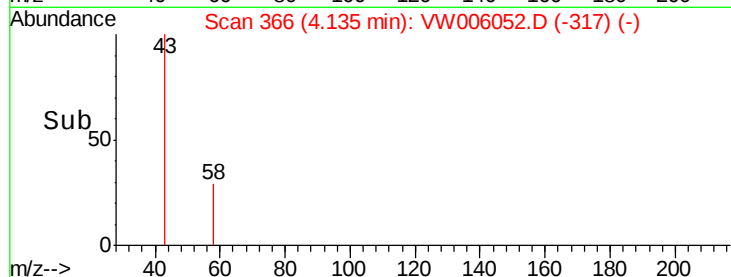


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#18

Methyl Acetate

Concen: 1.373 ug/l

RT: 4.70 min Scan# 458

Delta R.T. 0.02 min

Lab File: VW006052.D

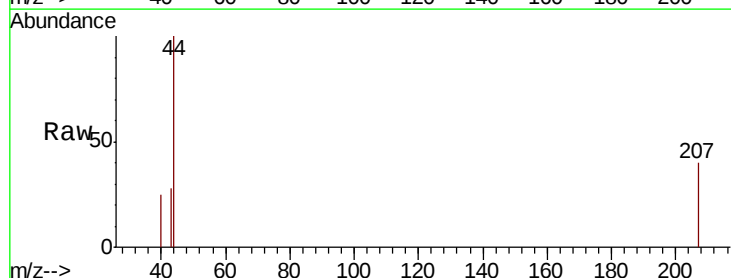
Acq: 12 Oct 2018 17:46

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

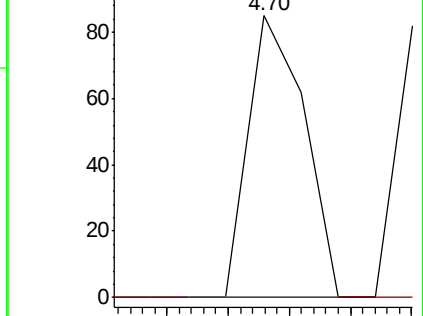
43 100

74 0.0 19.2 28.8#

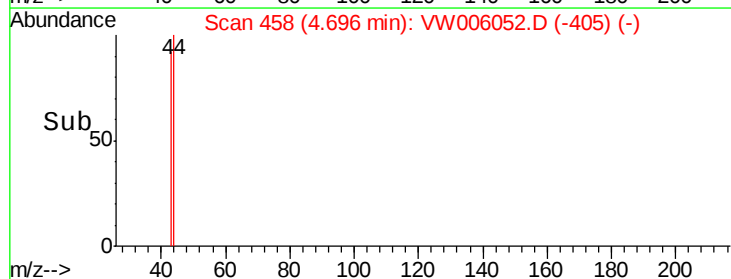


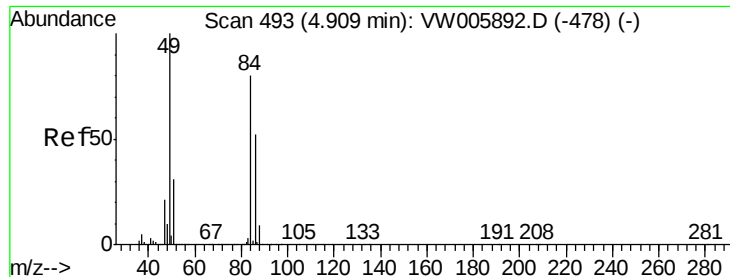
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->

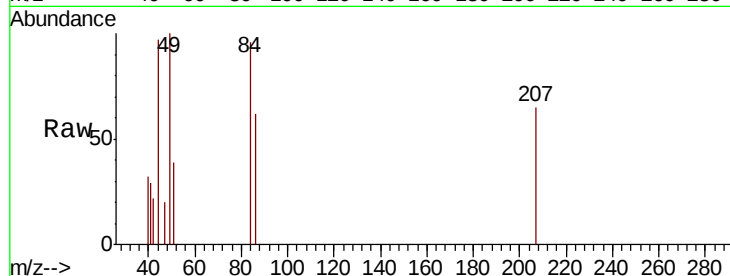




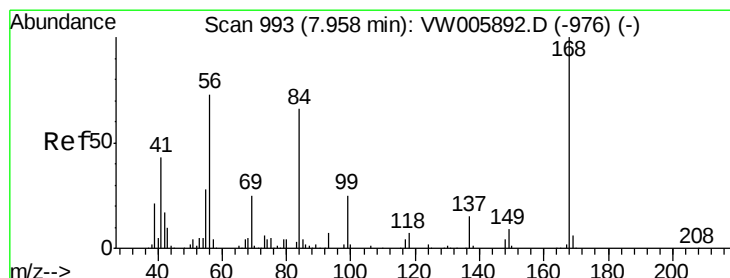
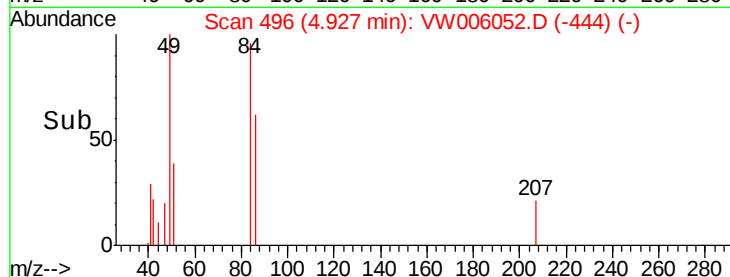
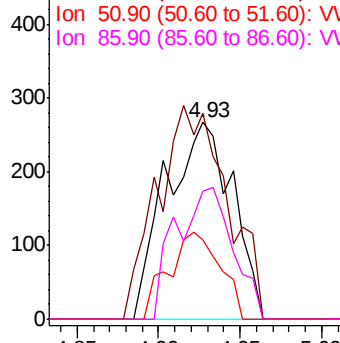
#20
Methylene Chloride
Concen: 9.781 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-B

Tgt Ion:	84	Resp:	764
Ion	Ratio	Lower	Upper
84	100		
49	104.5	99.9	149.9
51	40.4	31.1	46.7
86	64.8	51.8	77.6

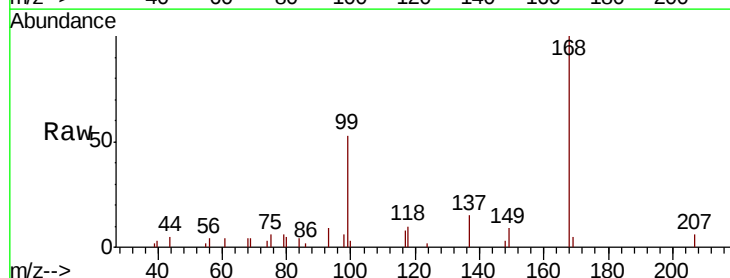


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

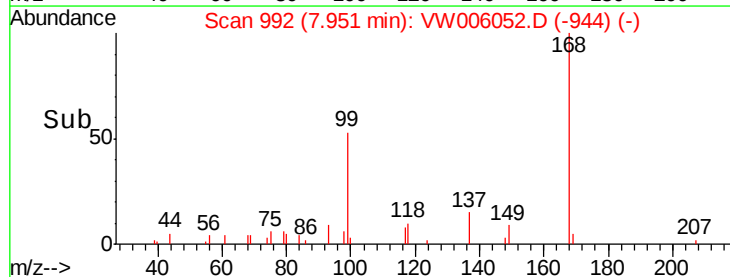
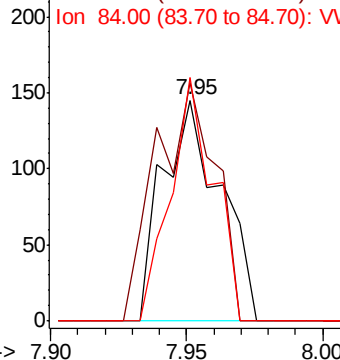


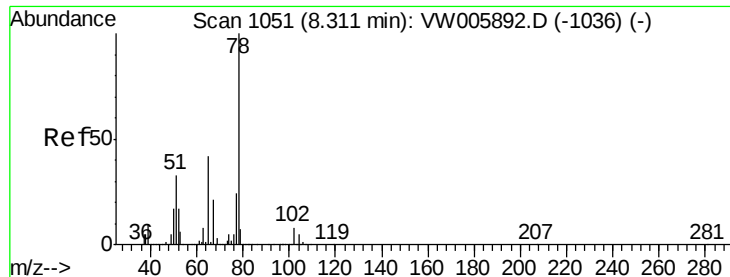
#31
Cyclohexane
Concen: 1.559 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

Tgt Ion:	56	Resp:	213
Ion	Ratio	Lower	Upper
56	100		
69	108.3	27.9	41.9#
84	110.3	72.3	108.5#



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

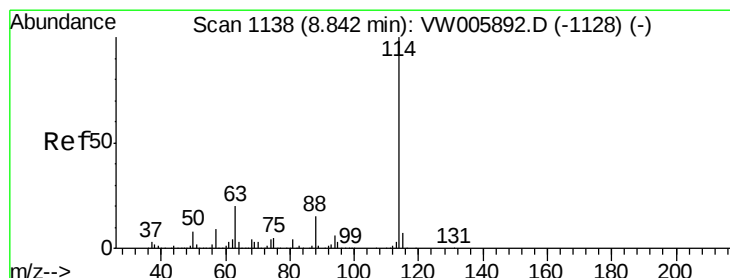
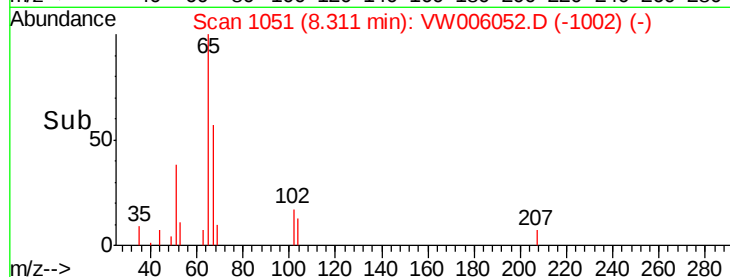
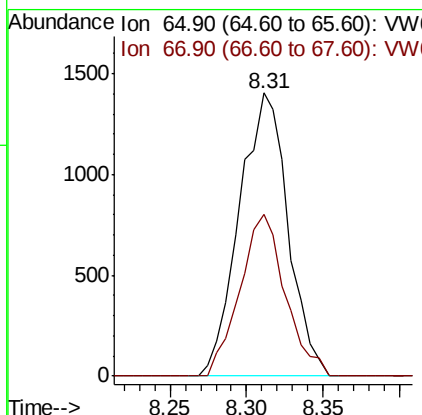
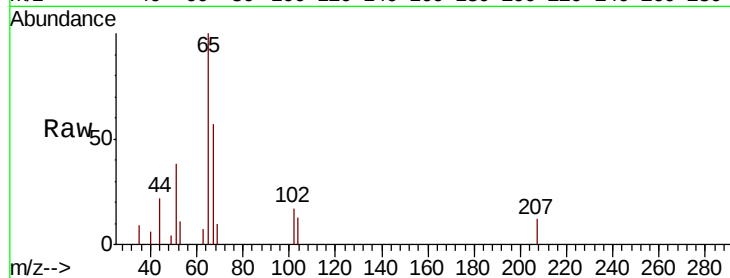




#33
 1,2-Dichloroethane-d4
 Concen: 39.782 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006052.D
 Acq: 12 Oct 2018 17:46

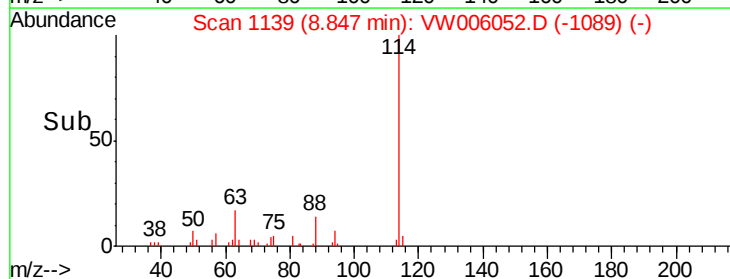
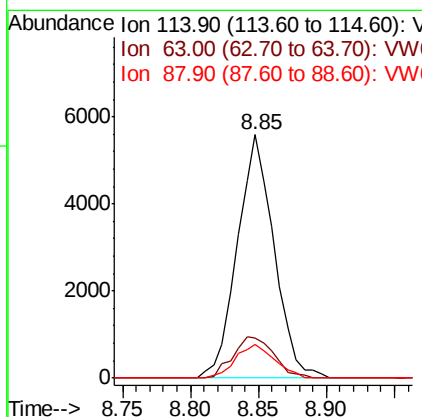
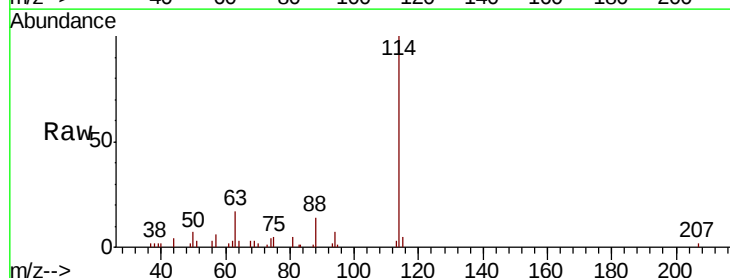
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-B

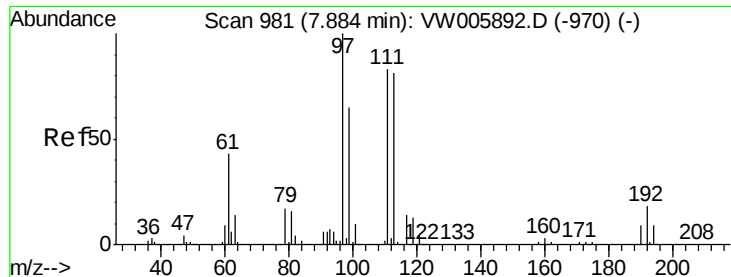
Tgt Ion: 65 Resp: 3105
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006052.D
 Acq: 12 Oct 2018 17:46

Tgt Ion: 114 Resp: 10502
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 39.2
 88 13.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.562 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-B

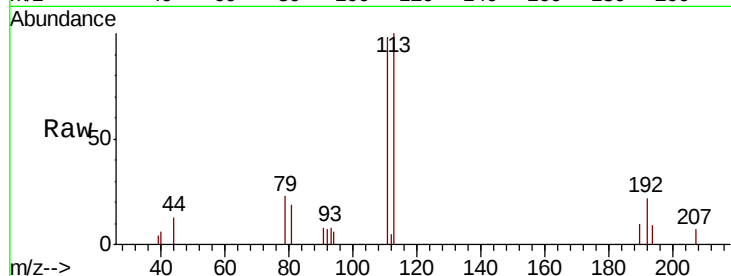
Tgt Ion:113 Resp: 3122

Ion Ratio Lower Upper

113 100

111 106.8 82.0 123.0

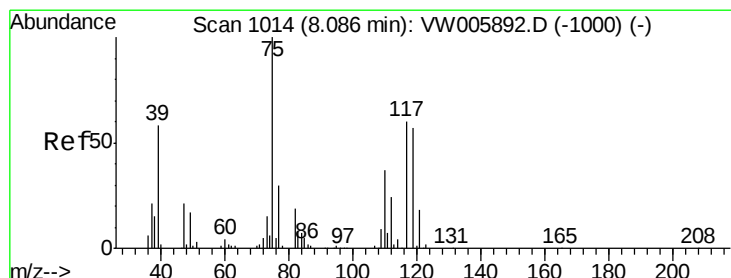
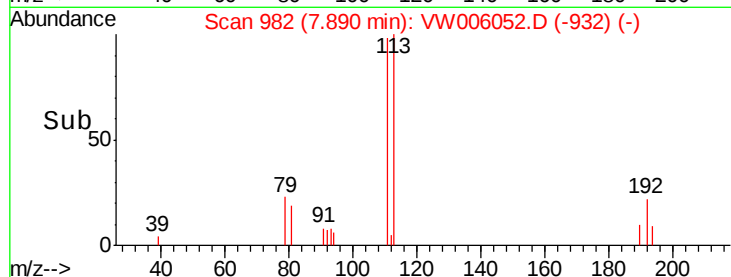
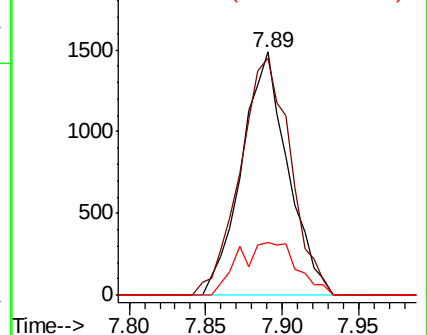
192 27.6 18.3 27.5#



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: 5.863 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

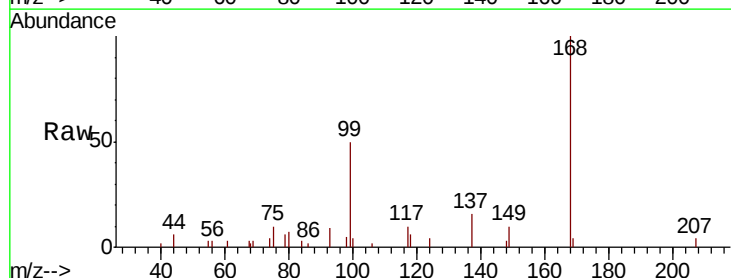
Tgt Ion: 75 Resp: 590

Ion Ratio Lower Upper

75 100

110 0.0 18.6 56.0#

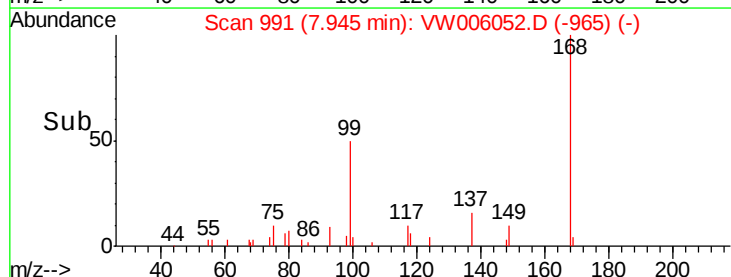
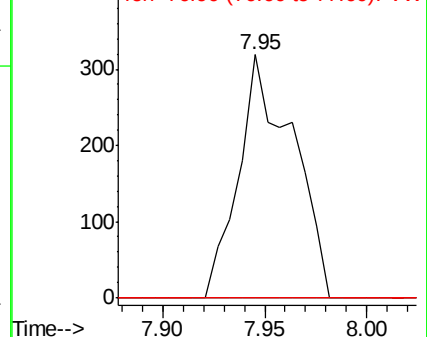
77 0.0 24.7 37.1#

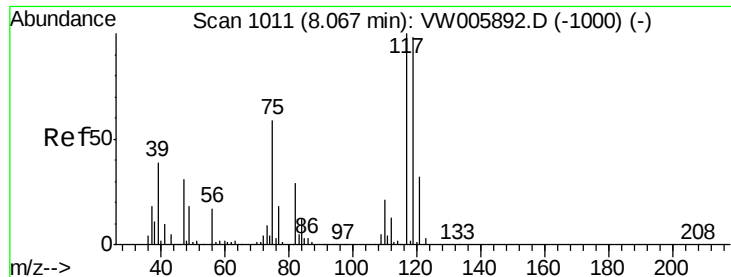


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-B

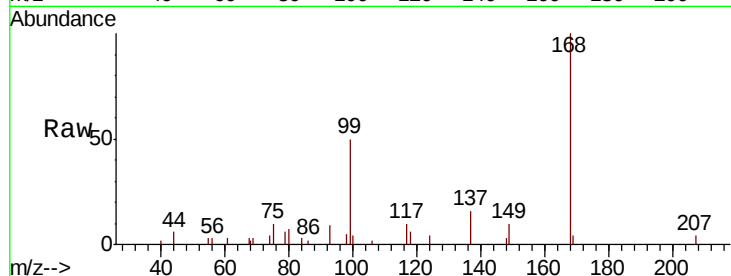
Tgt Ion:117 Resp: 705

Ion Ratio Lower Upper

117 100

119 0.0 78.6 117.8#

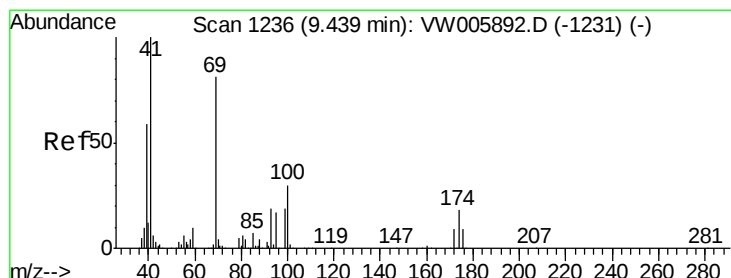
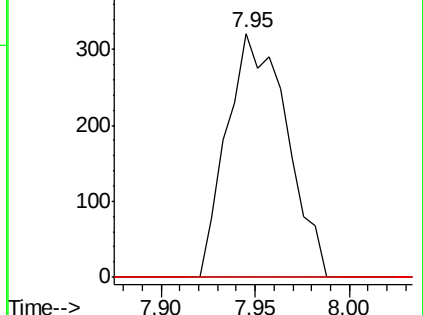
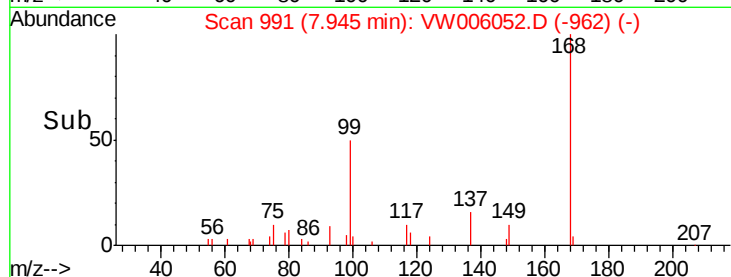
121 0.0 25.3 37.9#



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



#48

Methyl methacrylate

Concen: 1.792 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

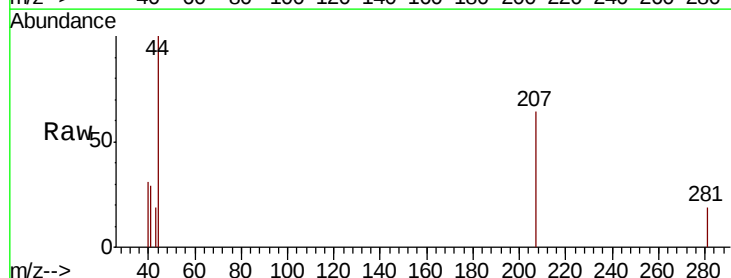
Tgt Ion: 41 Resp: 76

Ion Ratio Lower Upper

41 100

69 0.0 68.7 103.1#

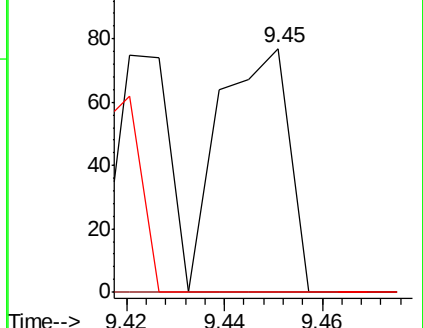
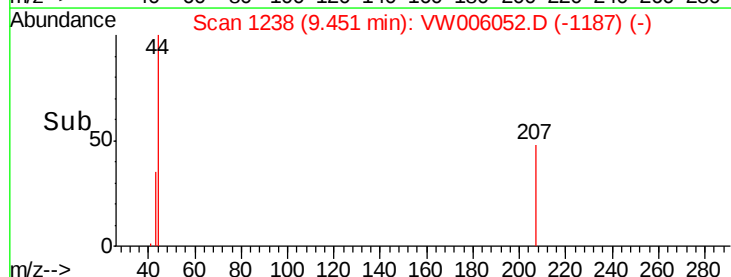
39 0.0 50.0 75.0#

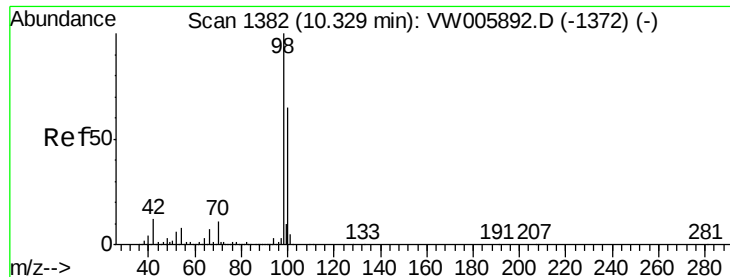


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 47.850 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

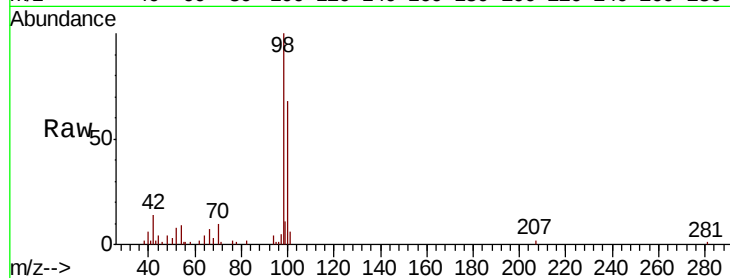
CL-02-101218-B

Tgt Ion: 98 Resp: 12344

Ion Ratio Lower Upper

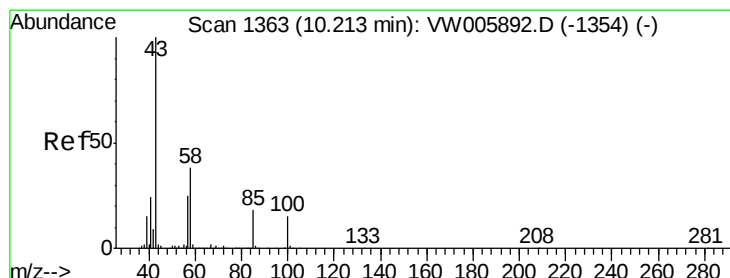
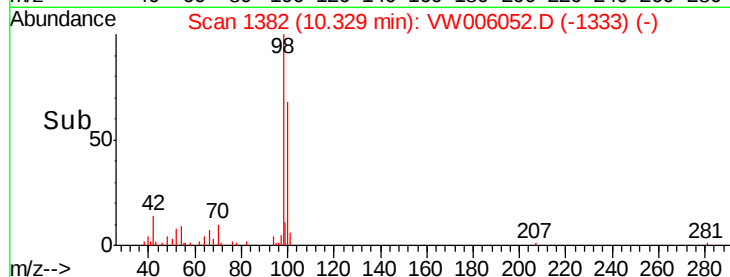
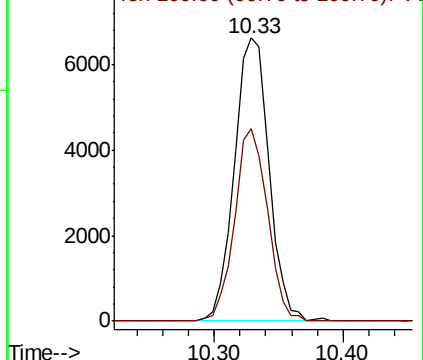
98 100

100 64.5 51.9 77.9



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: 4.683 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006052.D

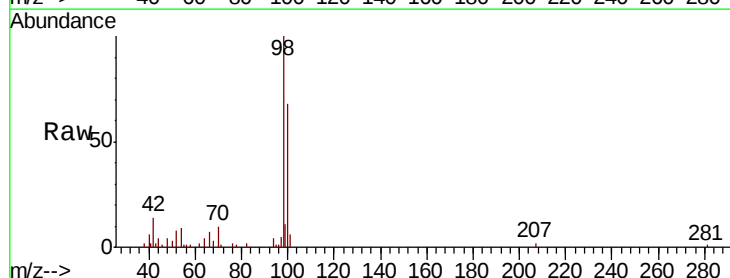
Acq: 12 Oct 2018 17:46

Tgt Ion: 43 Resp: 203

Ion Ratio Lower Upper

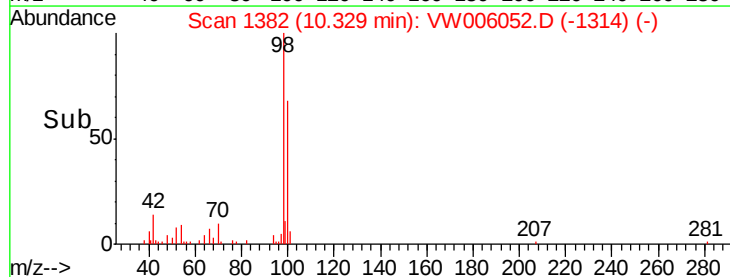
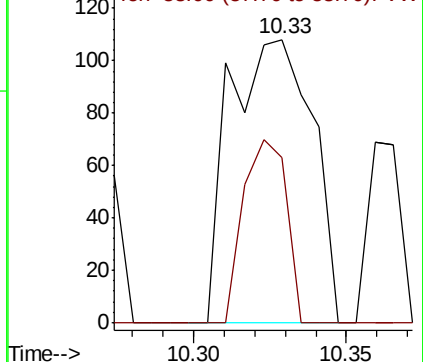
43 100

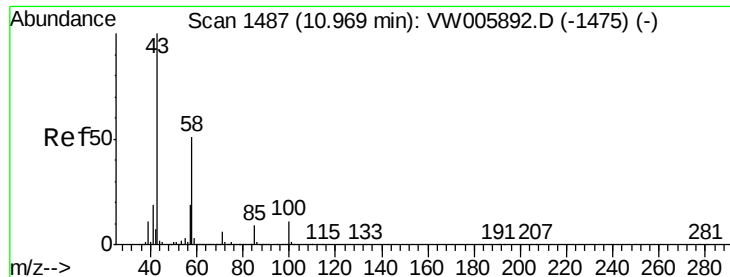
58 33.5 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

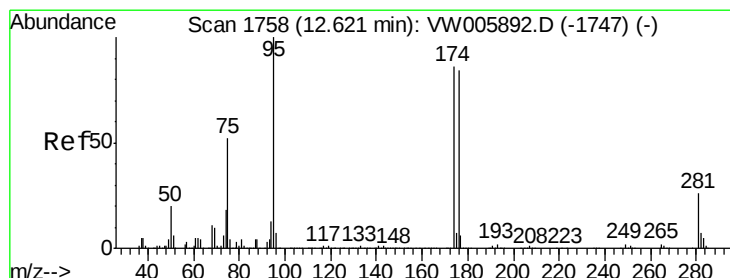
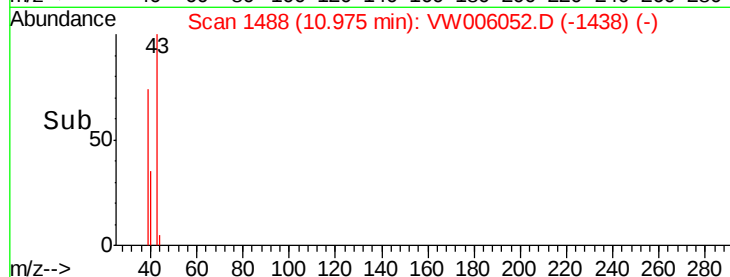
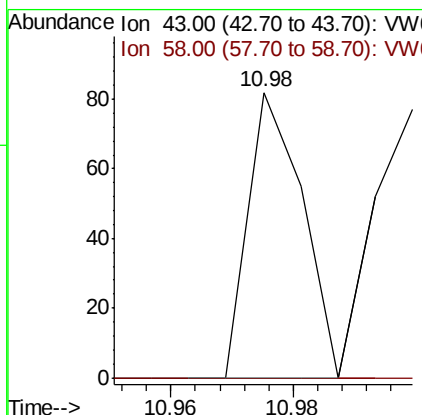
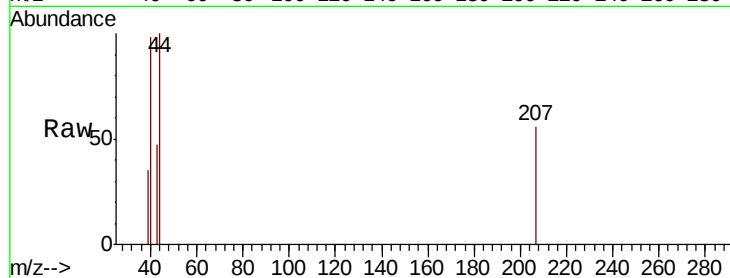




#59
2-Hexanone
Concen: 1.609 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

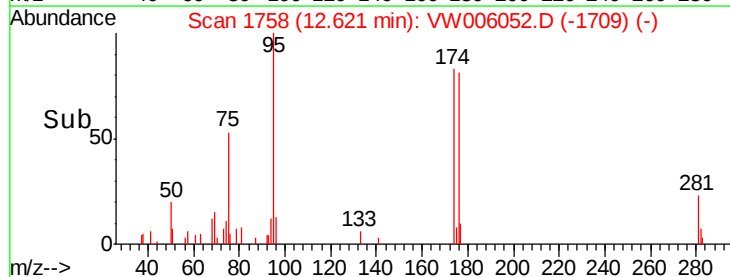
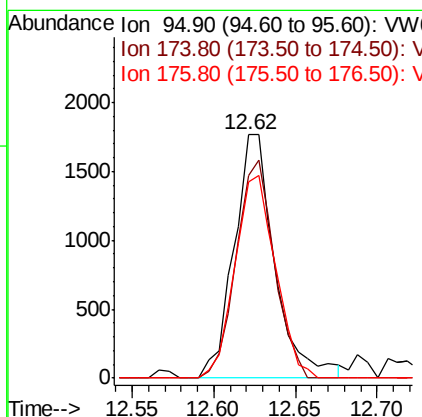
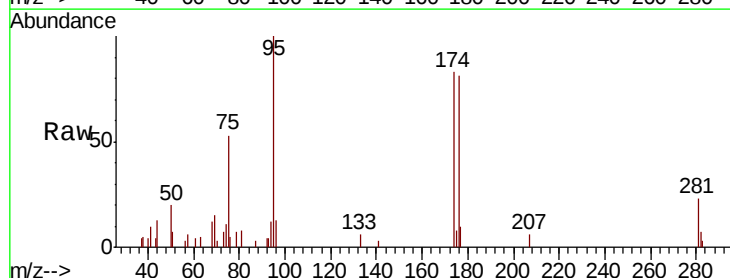
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-B

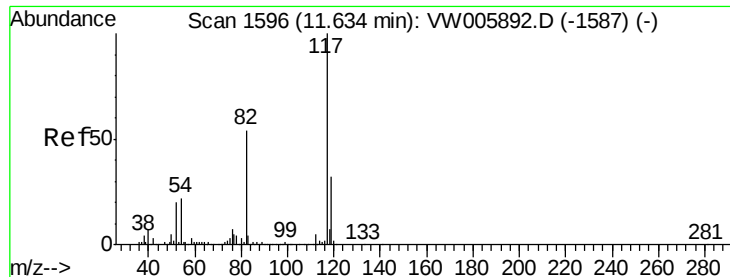
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 25.7 77.1#



#62
4-Bromofluorobenzene
Concen: 31.432 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

Tgt Ion: 95 Resp: 3085
Ion Ratio Lower Upper
95 100
174 83.5 0.0 176.4
176 82.3 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-B

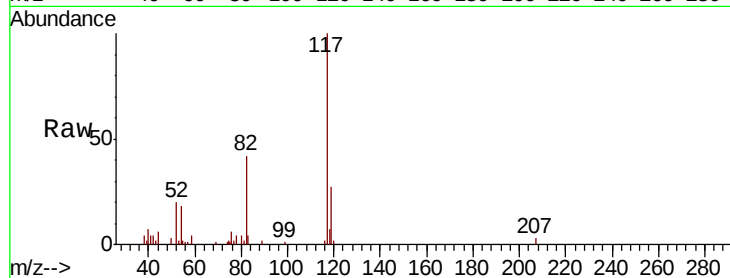
Tgt Ion:117 Resp: 7872

Ion Ratio Lower Upper

117 100

82 42.0 43.5 65.3#

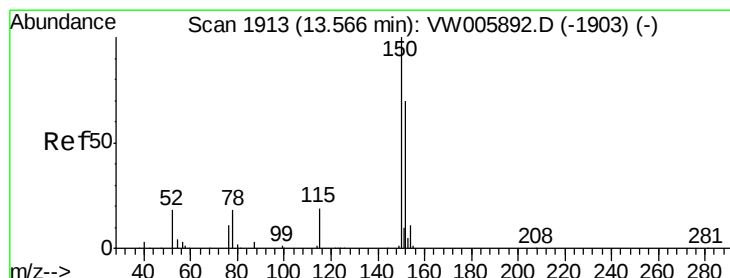
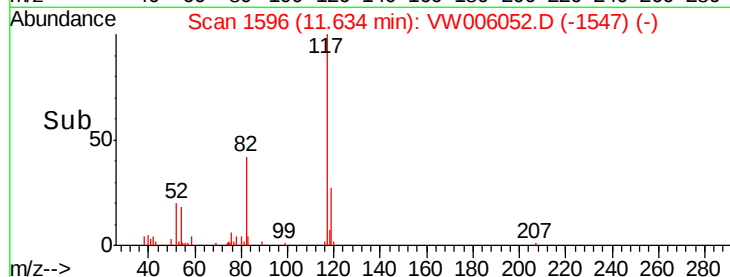
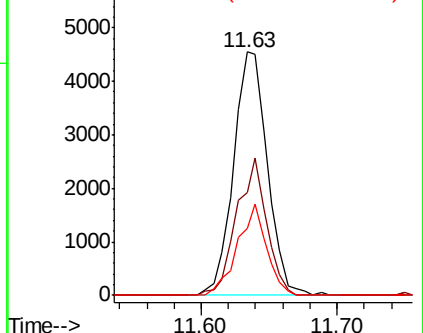
119 27.4 25.4 38.2



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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

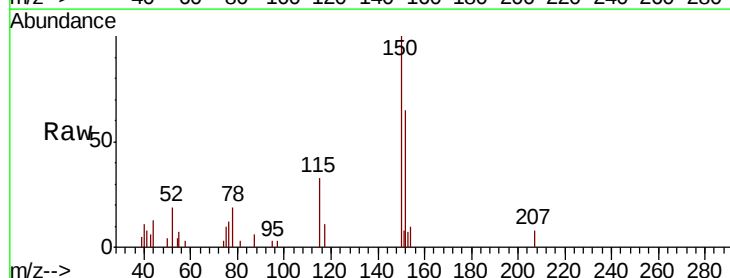
Tgt Ion:152 Resp: 1806

Ion Ratio Lower Upper

152 100

115 53.8 28.3 85.0

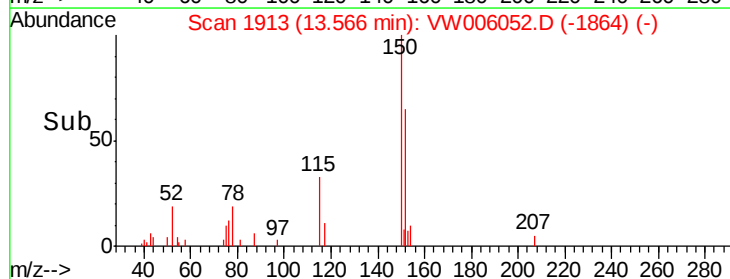
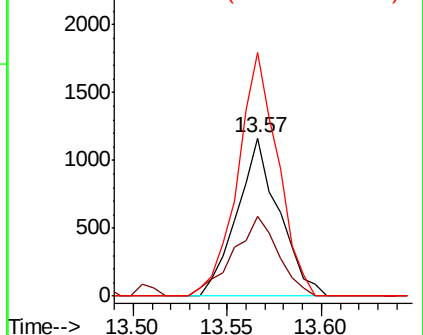
150 146.5 0.0 349.2

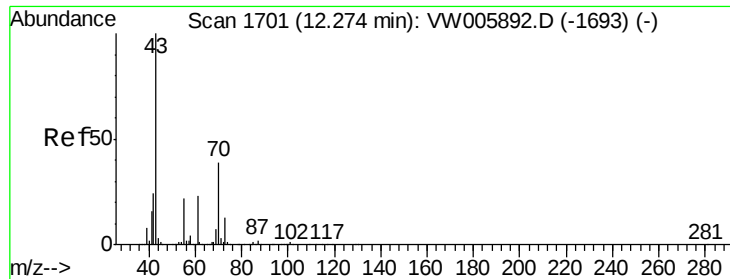


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

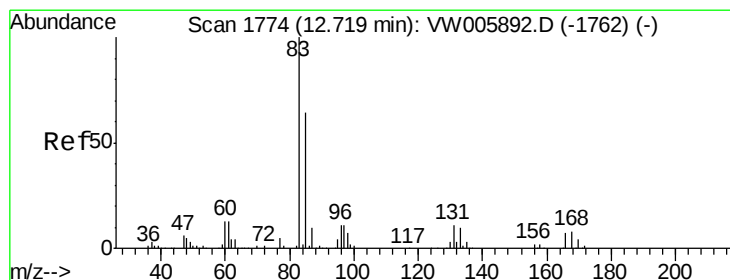
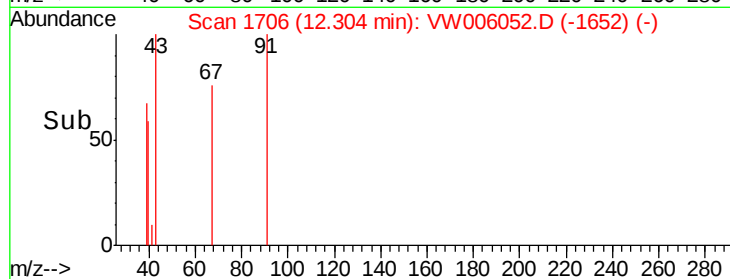
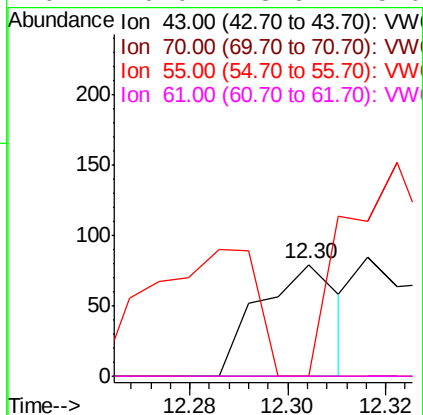
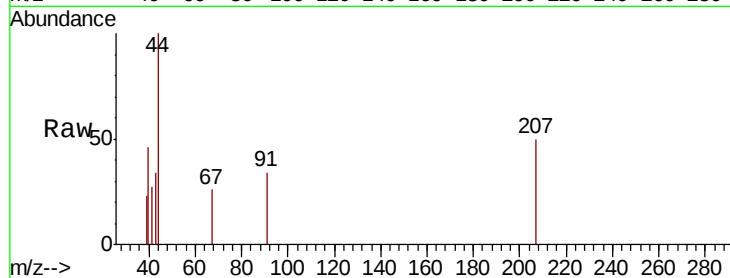




#74
N-ethyl acetate
Concen: 2.873 ug/l
RT: 12.30 min Scan# 1706
Delta R.T. 0.03 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

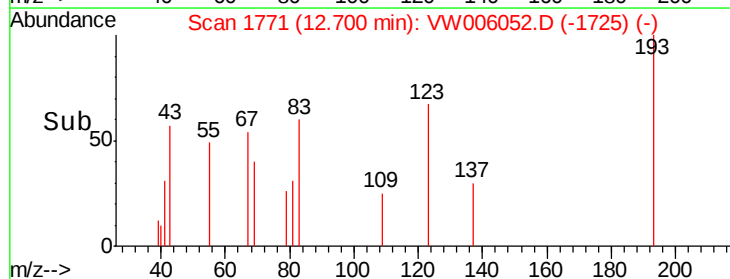
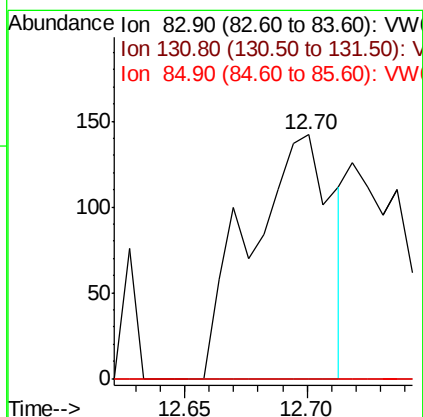
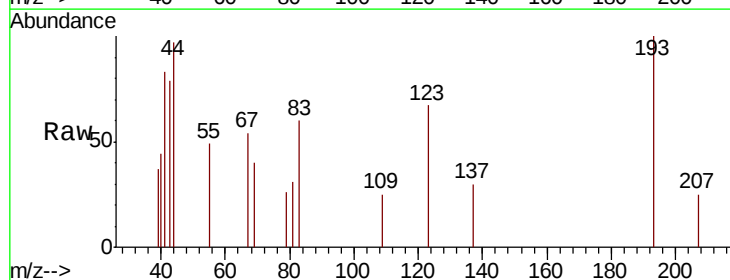
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-B

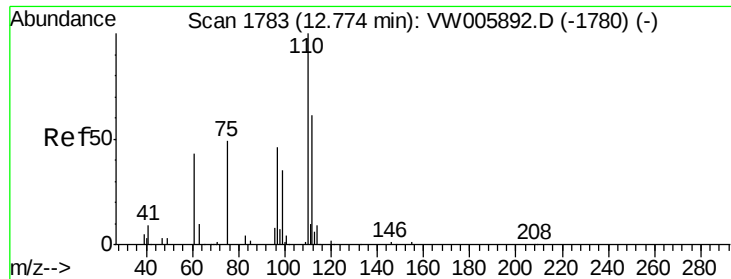
Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
70 0.0 31.6 47.4#
55 271.1 17.9 26.9#
61 0.0 18.6 28.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 15.450 ug/l
RT: 12.70 min Scan# 1771
Delta R.T. -0.02 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

Tgt Ion: 83 Resp: 334
Ion Ratio Lower Upper
83 100
131 0.0 5.8 17.3#
85 0.0 32.4 97.0#

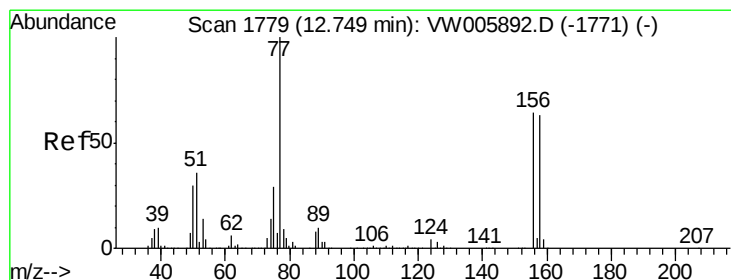
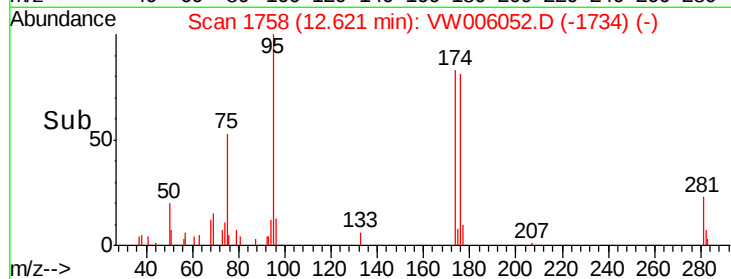
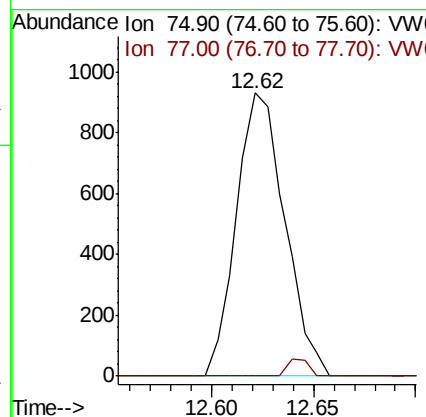
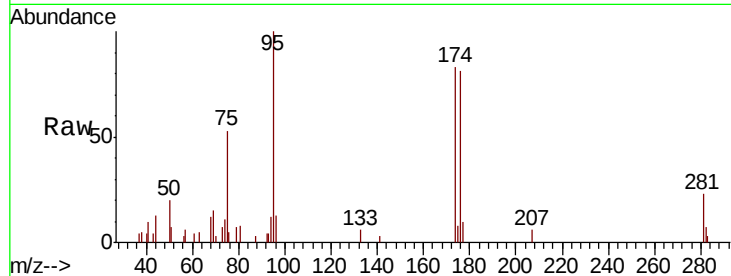




#76
 1,2,3-Trichloropropane
 Concen: 95.025 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006052.D
 Acq: 12 Oct 2018 17:46

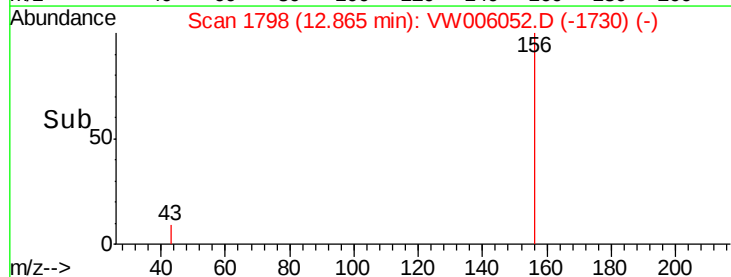
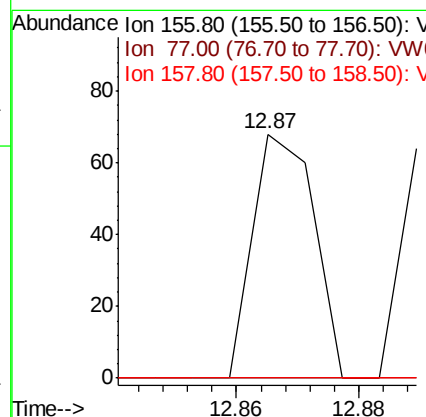
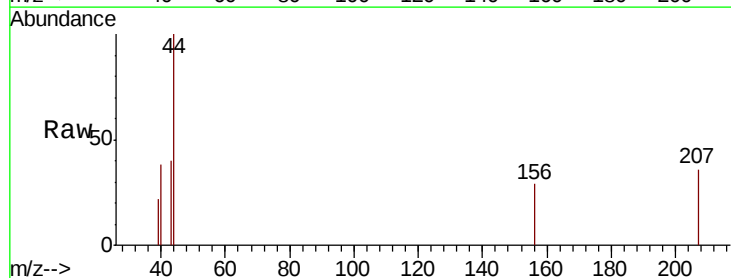
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-B

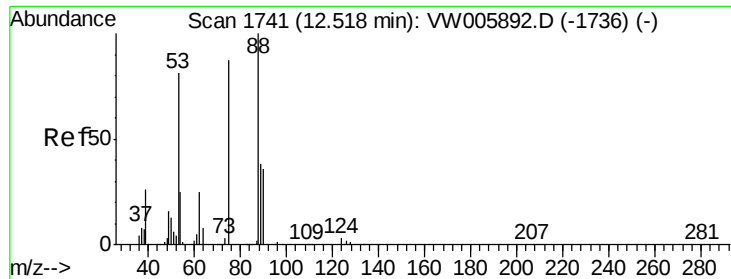
Tgt Ion: 75 Resp: 1533
 Ion Ratio Lower Upper
 75 100
 77 2.6 0.0 0.0#



#77
 Bromobenzene
 Concen: 1.504 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. 0.12 min
 Lab File: VW006052.D
 Acq: 12 Oct 2018 17:46

Tgt Ion: 156 Resp: 47
 Ion Ratio Lower Upper
 156 100
 77 0.0 85.8 257.4#
 158 0.0 49.1 147.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 200.609 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-B

Tgt Ion: 75 Resp: 1533

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

