

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006059.D
 Acq On : 12 Oct 2018 20:46
 Operator : VA/AP
 Sample : J5198-17RE
 Misc : 6.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 13 01:09:49 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	225430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110098	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.89	113	103362	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.33	98	386970	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	130993	42.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.58%	

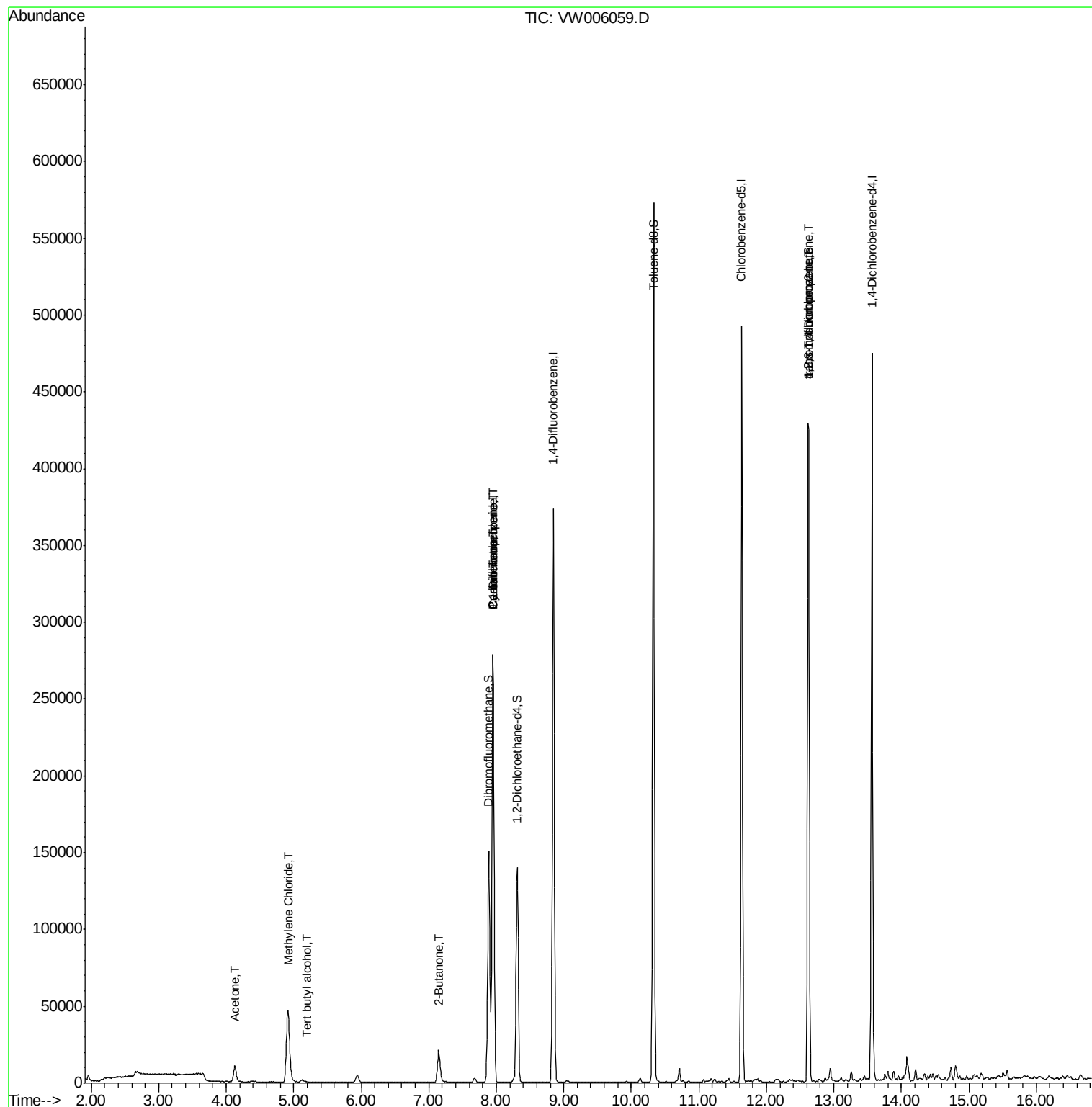
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	197	1.228	ug/l #	74
16) Acetone	4.14	43	18716	42.817	ug/l	97
20) Methylene Chloride	4.92	84	40144	18.330	ug/l	92
25) 2-Butanone	7.15	43	871	1.401	ug/l #	49
31) Cyclohexane	7.95	56	4299	1.122	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	14973	4.715	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19727	5.782	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	66843	57.545	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66843	121.483	ug/l #	11

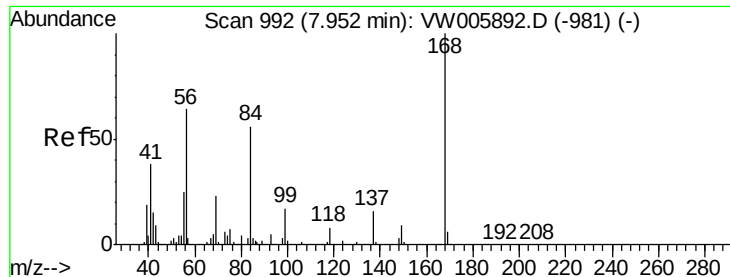
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006059.D

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Instrument :

MSVOA_W

ClientSampleId :

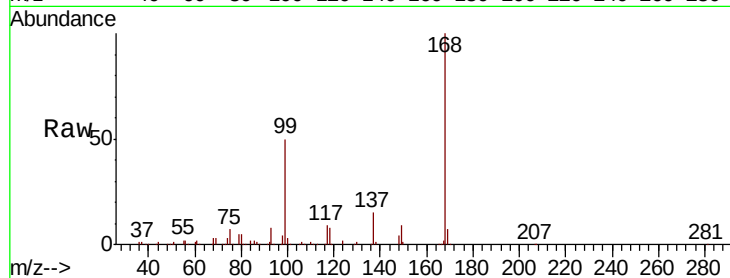
CL-02-101218-D

Tgt Ion:168 Resp: 225430

Ion Ratio Lower Upper

168 100

99 50.4 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

100000

80000

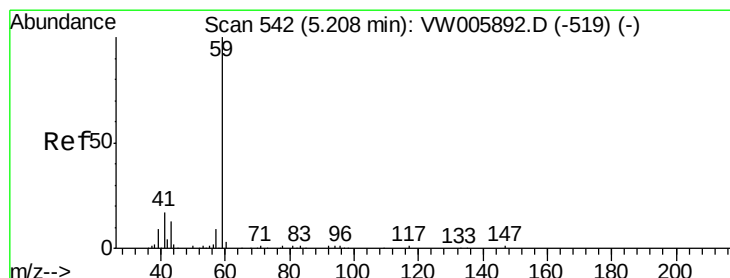
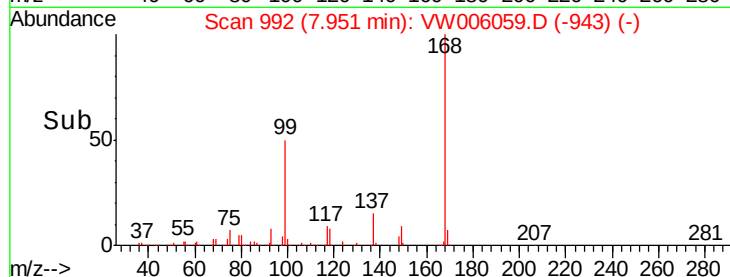
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.228 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.02 min

Lab File: VW006059.D

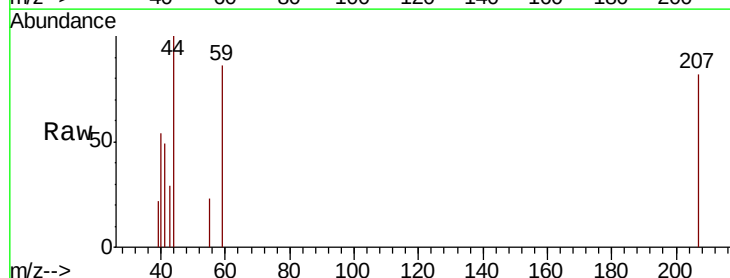
Acq: 12 Oct 2018 20:46

Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

200

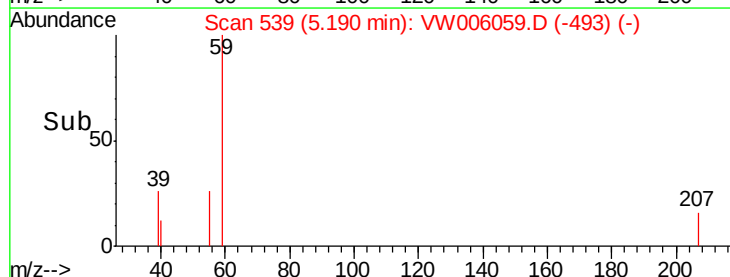
150

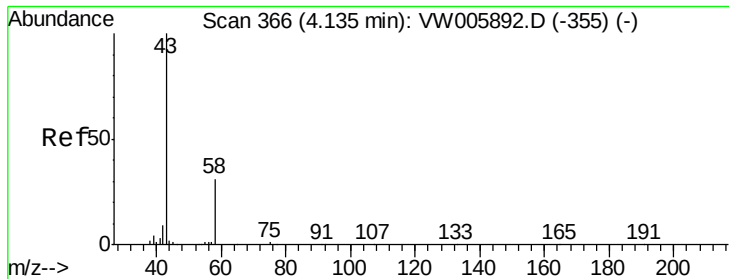
100

50

0

Time--> 5.16 5.18 5.20 5.22

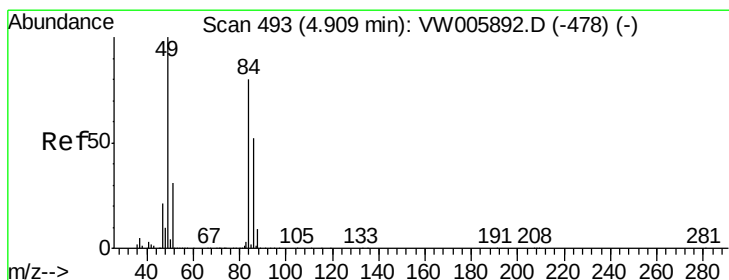
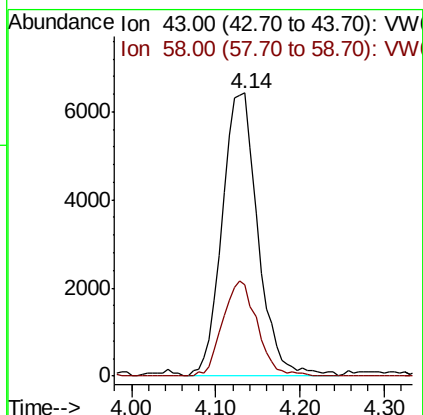
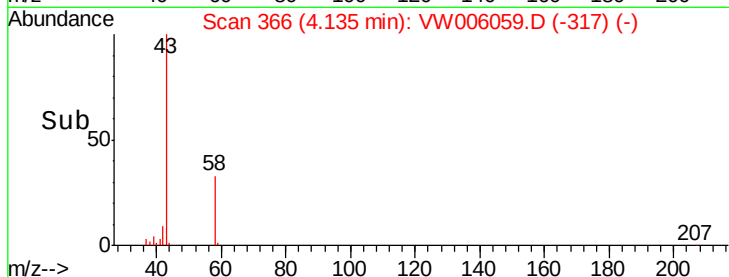
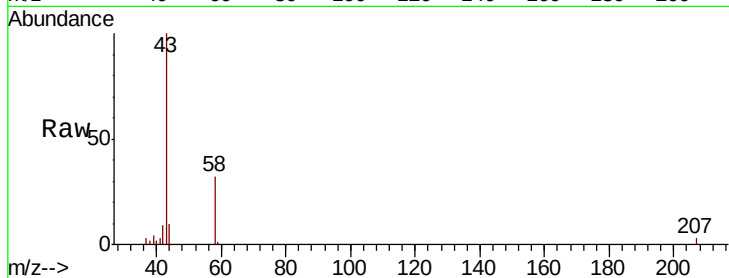




#16
Acetone
Concen: 42.817 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW006059.D
Acq: 12 Oct 2018 20:46

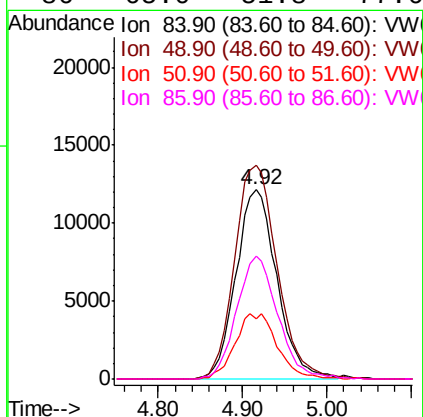
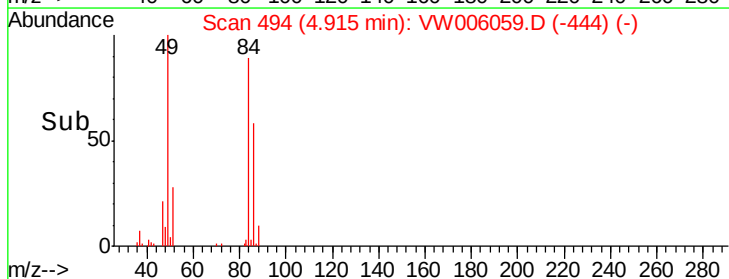
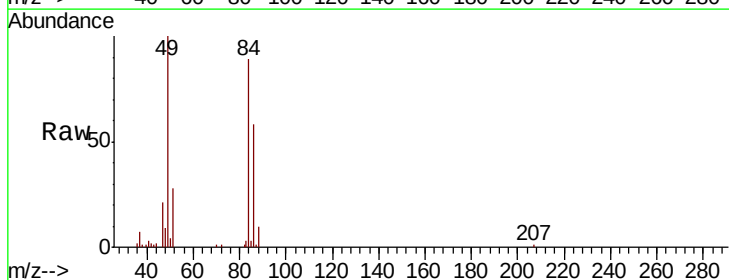
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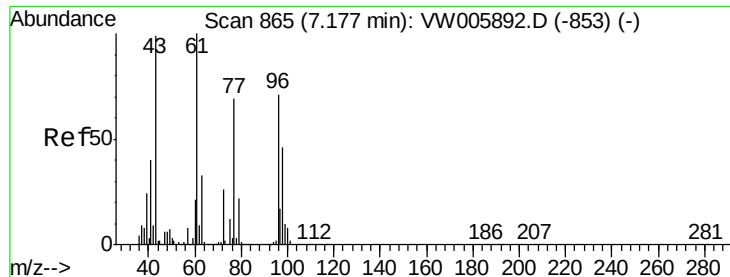
Tgt Ion: 43 Resp: 18716
Ion Ratio Lower Upper
43 100
58 32.4 24.7 37.1



#20
Methylene Chloride
Concen: 18.330 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006059.D
Acq: 12 Oct 2018 20:46

Tgt Ion: 84 Resp: 40144
Ion Ratio Lower Upper
84 100
49 112.9 99.9 149.9
51 31.8 31.1 46.7
86 65.0 51.8 77.6





#25

2-Butanone

Concen: 1.401 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW006059.D

Acq: 12 Oct 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

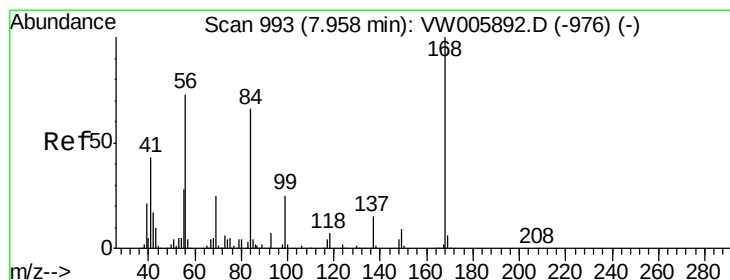
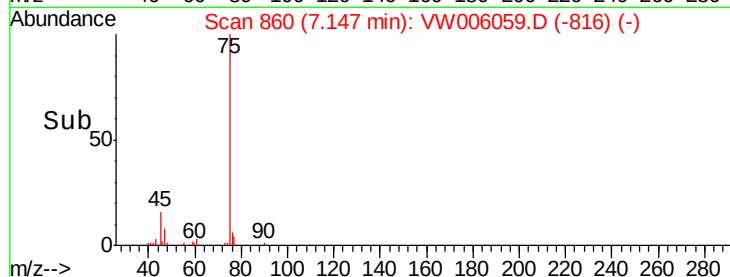
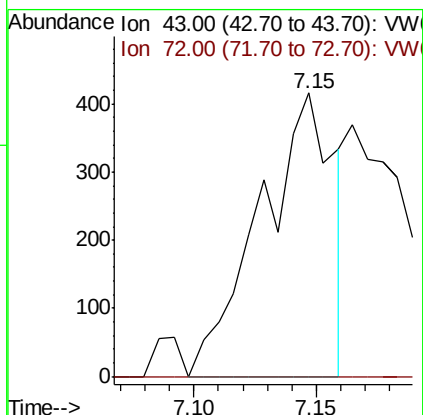
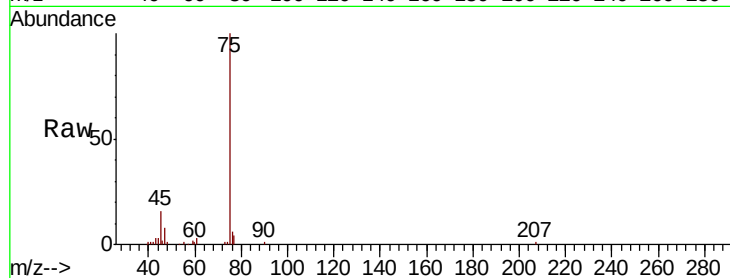
CL-02-101218-D

Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006059.D

Acq: 12 Oct 2018 20:46

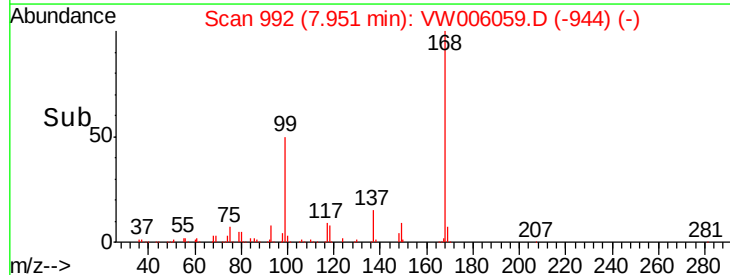
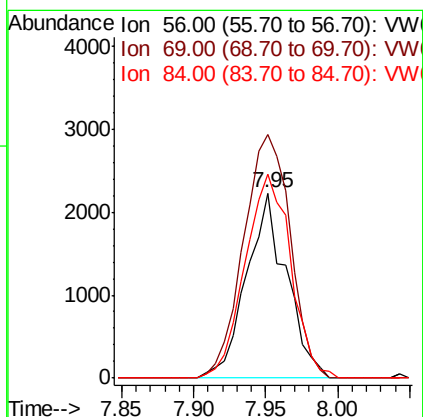
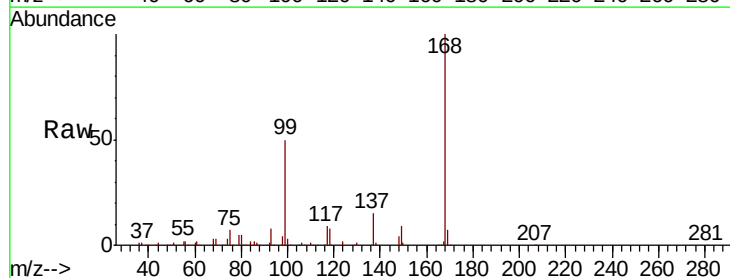
Tgt Ion: 56 Resp: 4299

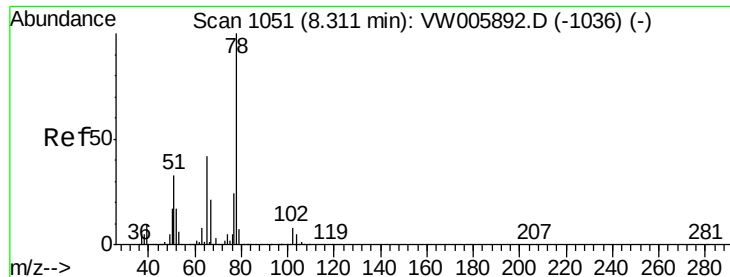
Ion Ratio Lower Upper

56 100

69 131.4 27.9 41.9#

84 110.3 72.3 108.5#

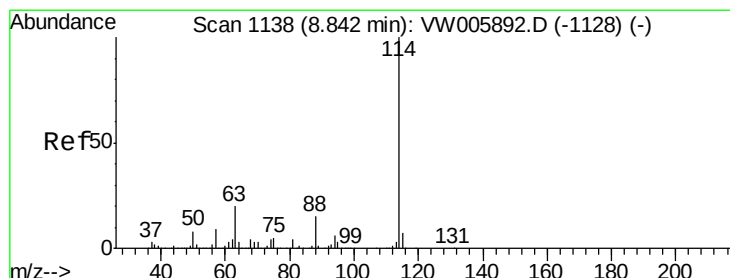
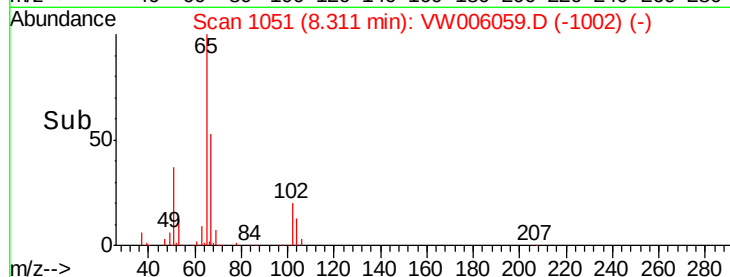
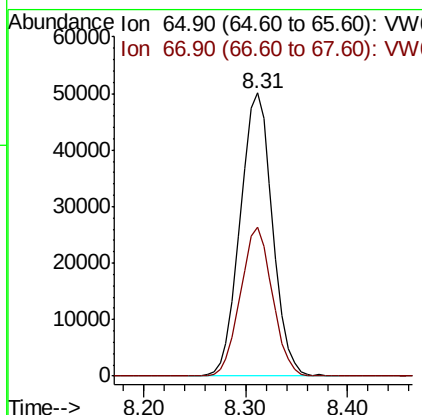
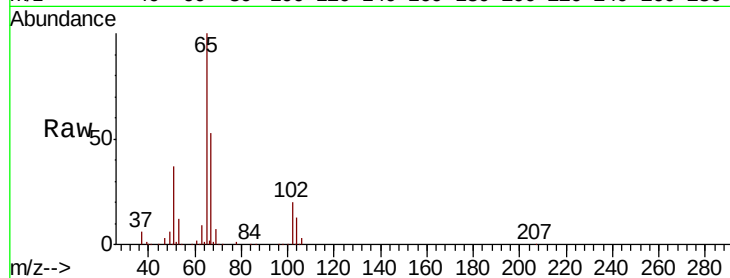




#33
 1,2-Dichloroethane-d4
 Concen: 50.309 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006059.D
 Acq: 12 Oct 2018 20:46

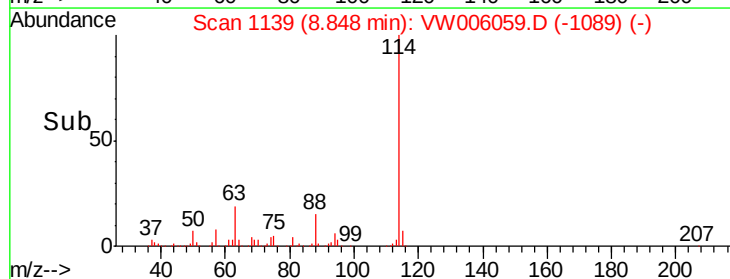
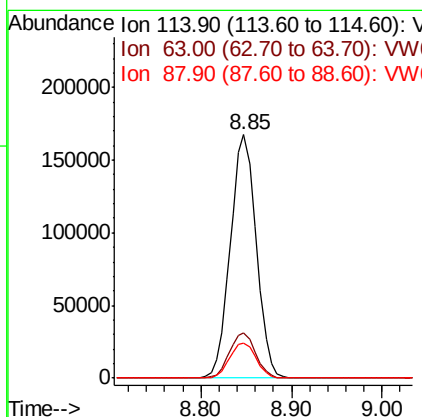
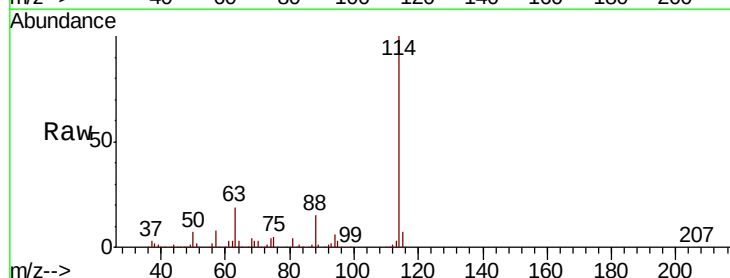
Instrument :
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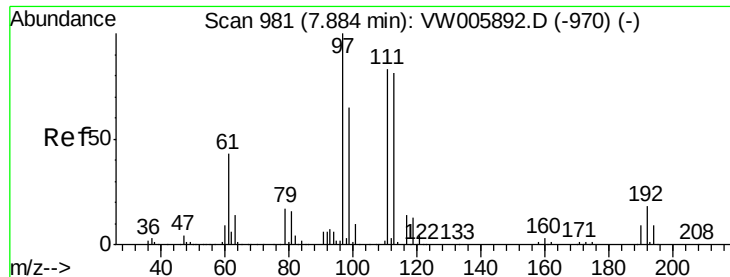
Tgt Ion: 65 Resp: 110098
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006059.D
 Acq: 12 Oct 2018 20:46

Tgt Ion: 114 Resp: 331439
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.6 0.0 30.8

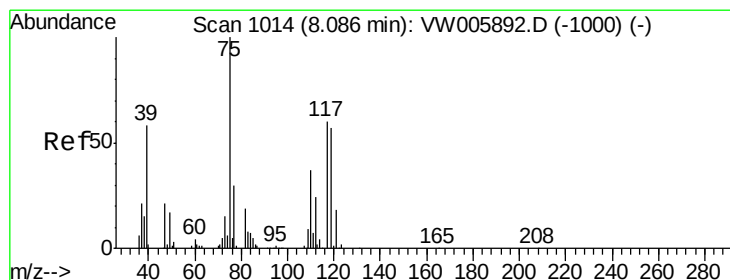
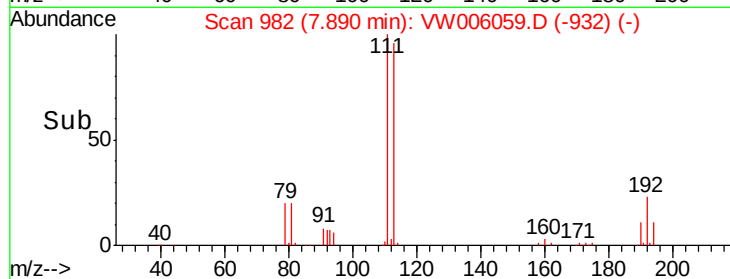
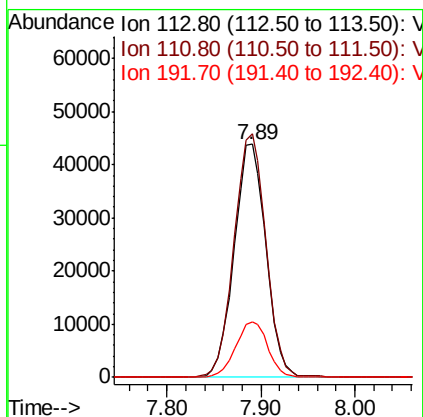
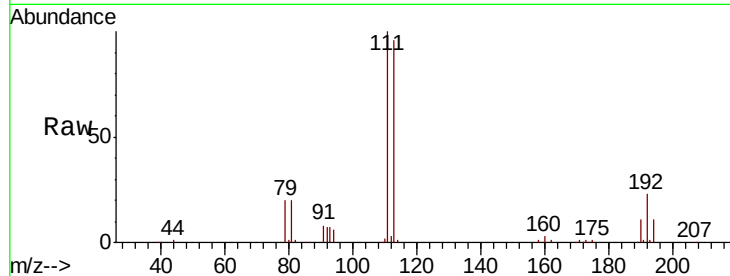




#35
 Dibromofluoromethane
 Concen: 48.846 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006059.D
 Acq: 12 Oct 2018 20:46

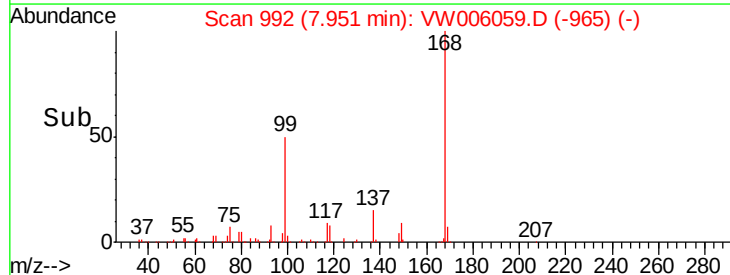
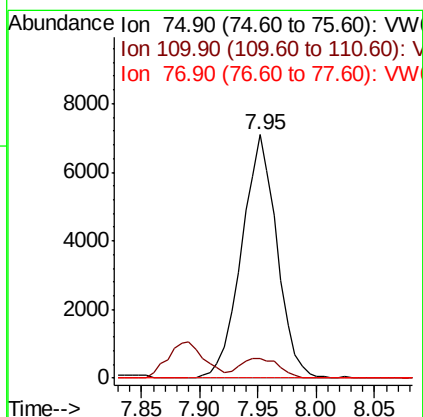
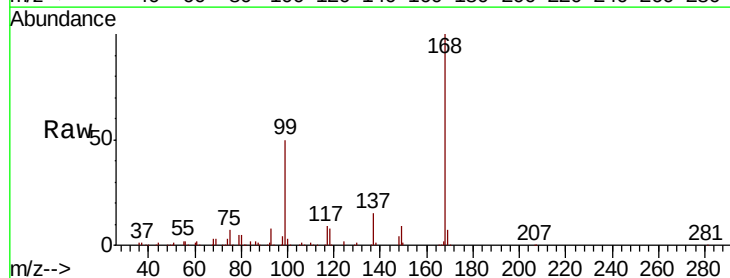
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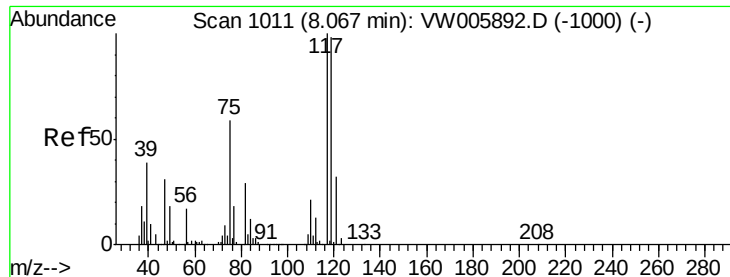
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.0	123.0
192	23.8	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006059.D
 Acq: 12 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.6	56.0#
77	0.0	24.7	37.1#

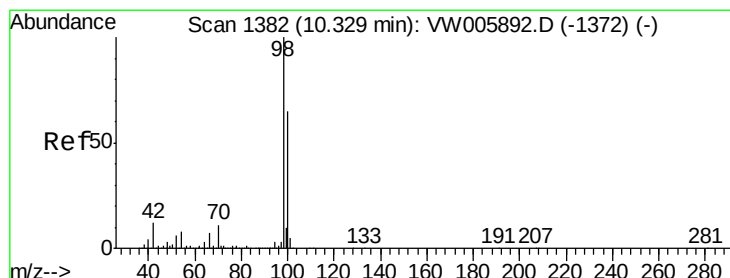
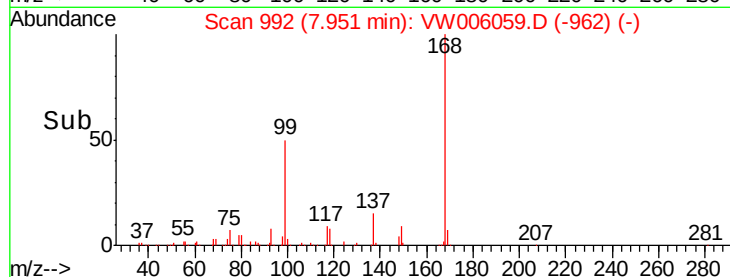
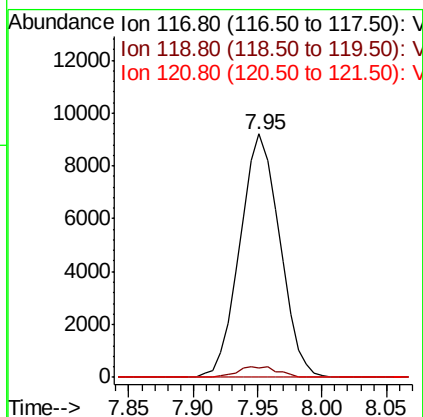
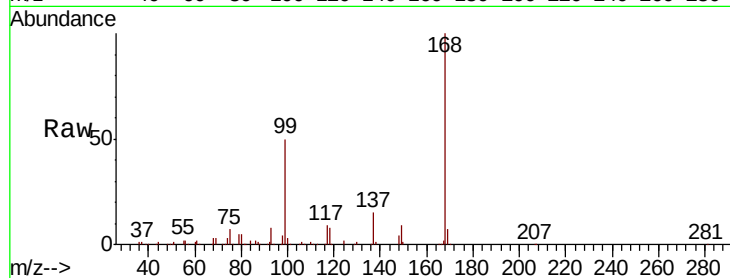




#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006059.D
Acq: 12 Oct 2018 20:46

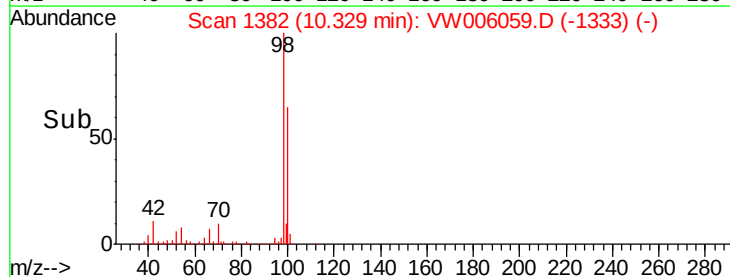
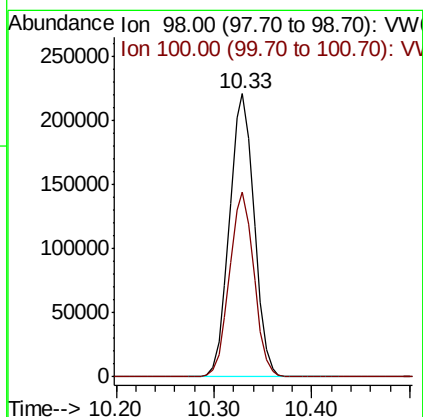
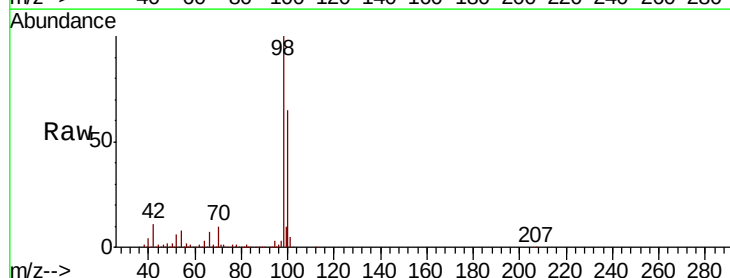
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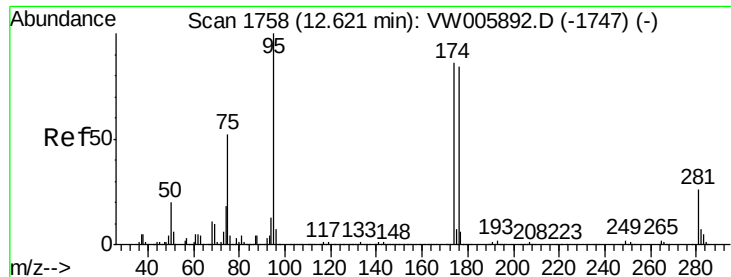
Tgt Ion: 117 Resp: 19727
Ion Ratio Lower Upper
117 100
119 4.0 78.6 117.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.530 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006059.D
Acq: 12 Oct 2018 20:46

Tgt Ion: 98 Resp: 386970
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 42.289 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006059.D

Acq: 12 Oct 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-D

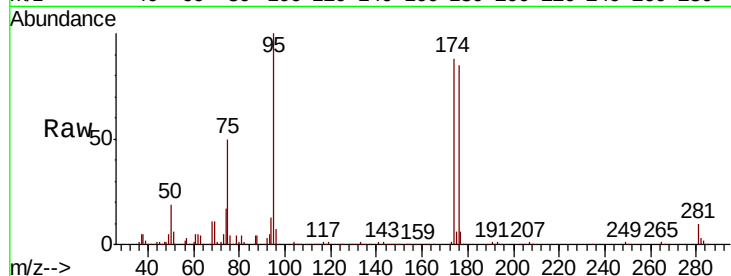
Tgt Ion: 95 Resp: 130993

Ion Ratio Lower Upper

95 100

174 94.4 0.0 176.4

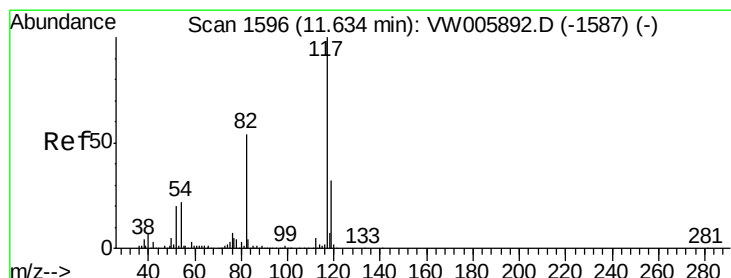
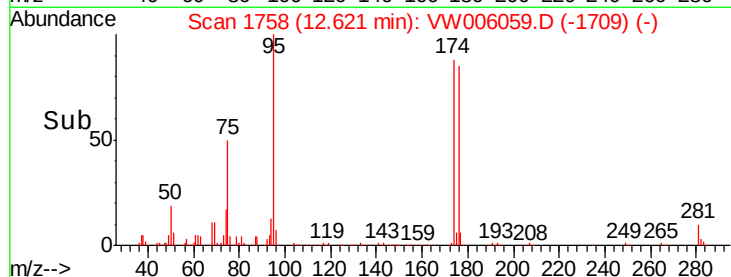
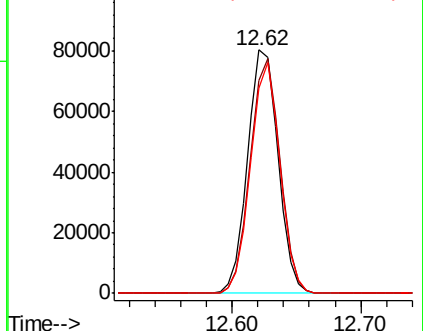
176 91.3 0.0 173.0



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: VW006059.D

Acq: 12 Oct 2018 20:46

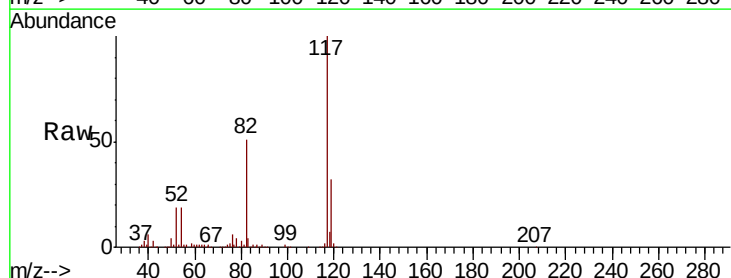
Tgt Ion: 117 Resp: 286920

Ion Ratio Lower Upper

117 100

82 50.8 43.5 65.3

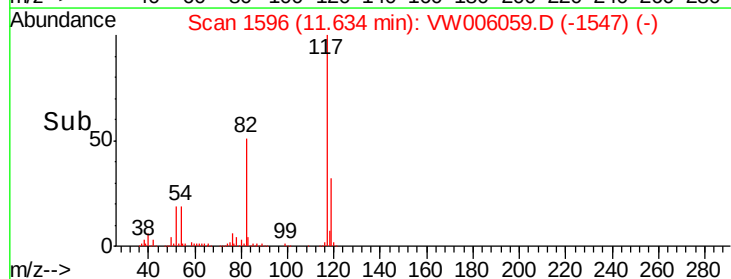
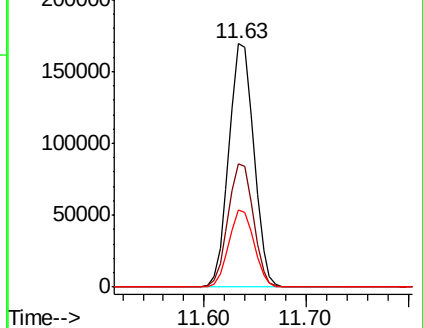
119 31.8 25.4 38.2

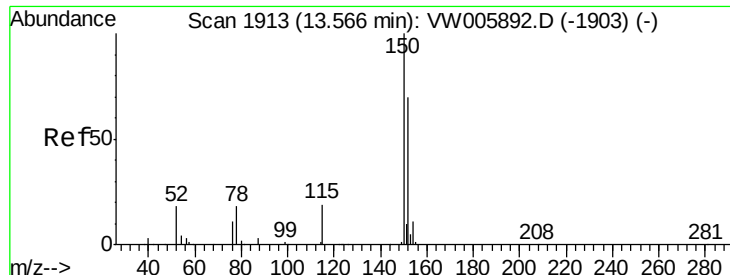


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



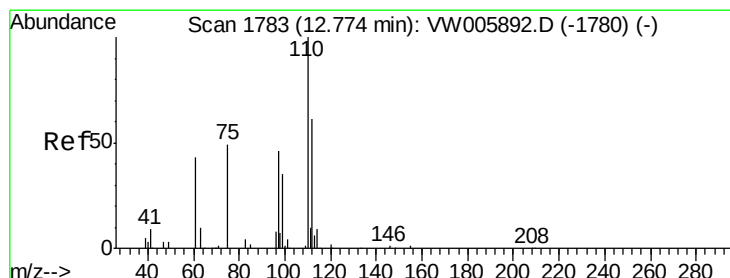
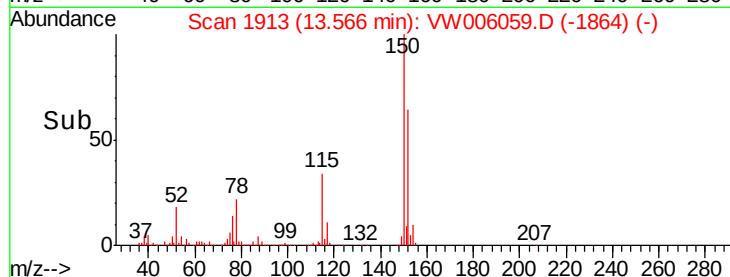
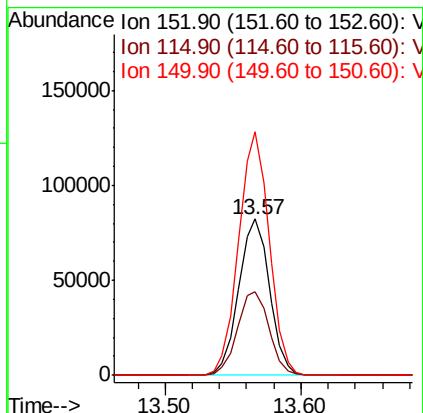
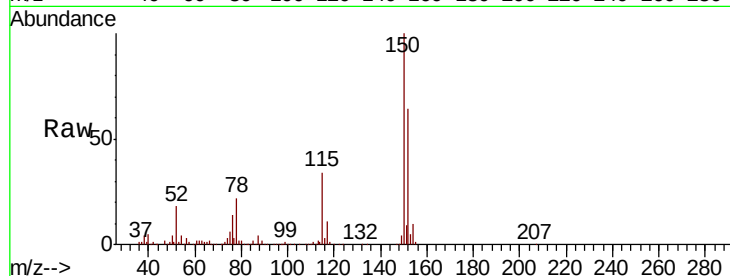


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006059.D
Acq: 12 Oct 2018 20:46

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

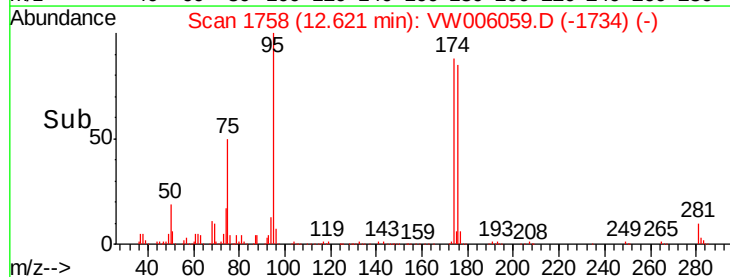
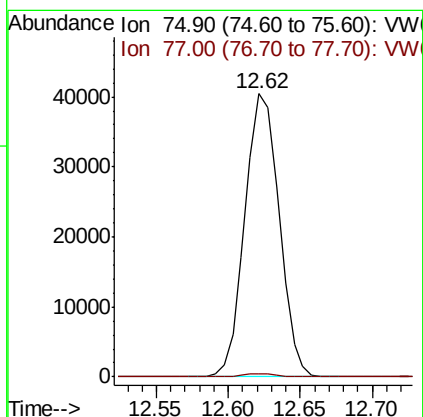
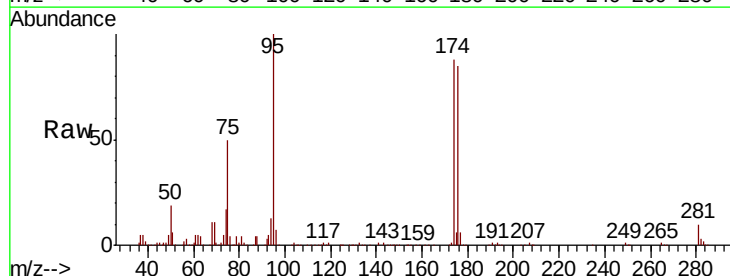
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.3	85.0
150	154.2	0.0	349.2

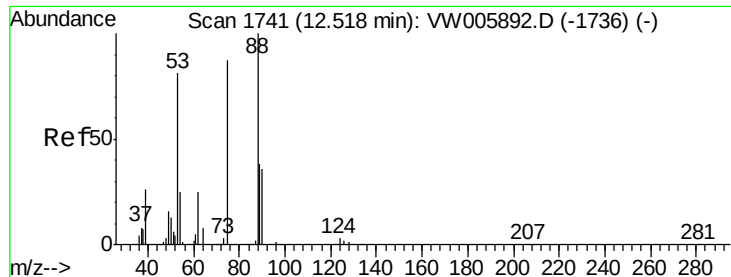


#76

1,2,3-Trichloropropane
Concen: 57.545 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006059.D
Acq: 12 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 121.483 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006059.D

Acq: 12 Oct 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-D

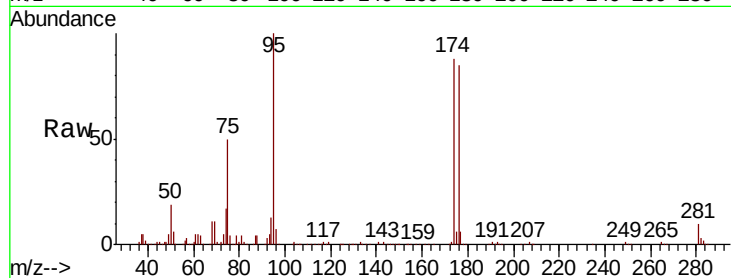
Tgt Ion: 75 Resp: 66843

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#



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

