

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006054.D
 Acq On : 12 Oct 2018 18:37
 Operator : VA/AP
 Sample : J5198-17
 Misc : 6.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 13 01:09:04 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	89118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	132786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44707	51.68	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.89	113	40224	47.45	ug/l	0.00
Spiked Amount						
Recovery						
50) Toluene-d8	10.33	98	151309	46.39	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.62	95	51317	41.35	ug/l	0.00
Spiked Amount						
Recovery						

Target Compounds

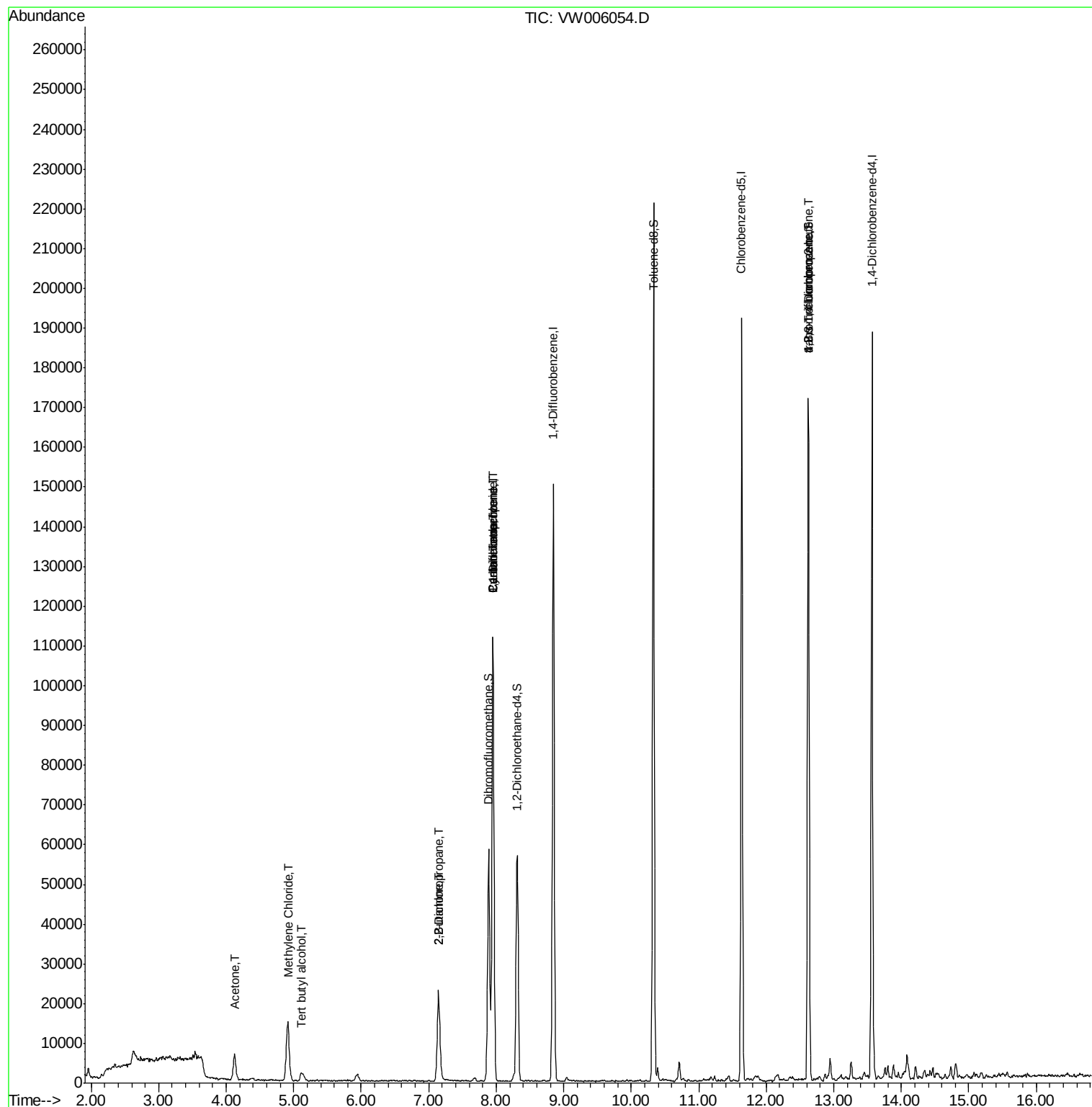
						Qvalue
11) Tert butyl alcohol	5.12	59	2126	33.531	ug/l #	74
16) Acetone	4.12	43	11356	65.716	ug/l	97
20) Methylene Chloride	4.91	84	11349	13.108	ug/l	86
25) 2-Butanone	7.14	43	1775	7.222	ug/l #	49
26) 2,2-Dichloropropane	7.15	77	1722	1.599	ug/l #	52
31) Cyclohexane	7.95	56	1755	1.159	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	6182	4.859	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8245	6.031	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	26628	57.724	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26628	121.862	ug/l #	11

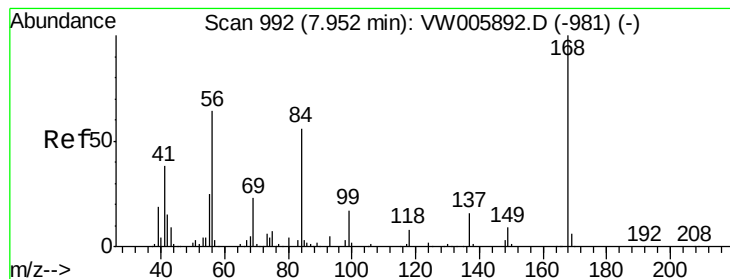
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006054.D

Acq: 12 Oct 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

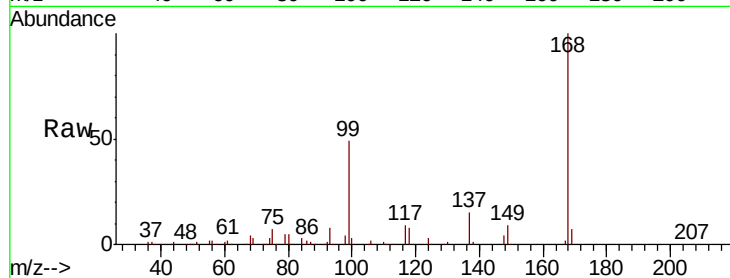
CL-02-101218-D

Tgt Ion:168 Resp: 89118

Ion Ratio Lower Upper

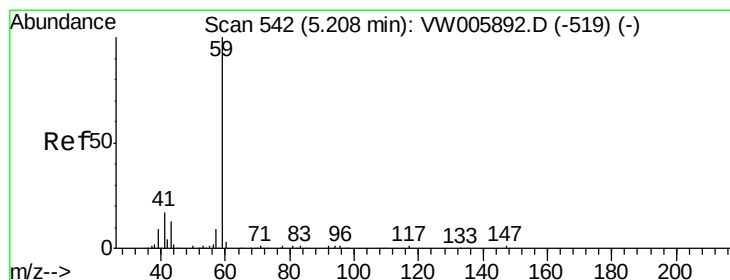
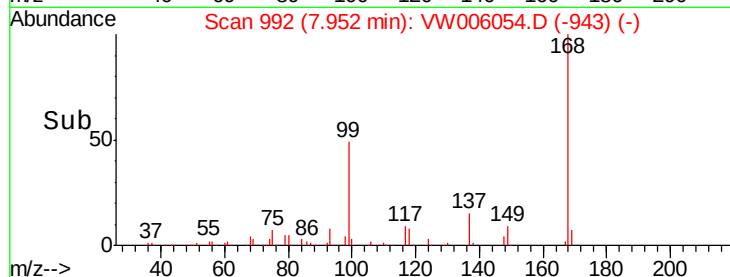
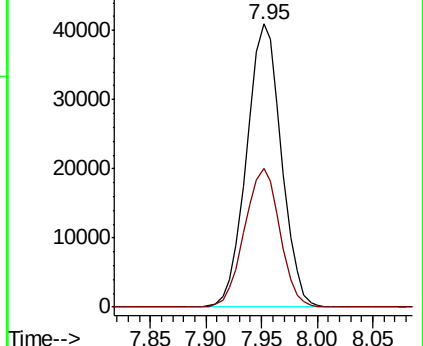
168 100

99 48.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 33.531 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.09 min

Lab File: VW006054.D

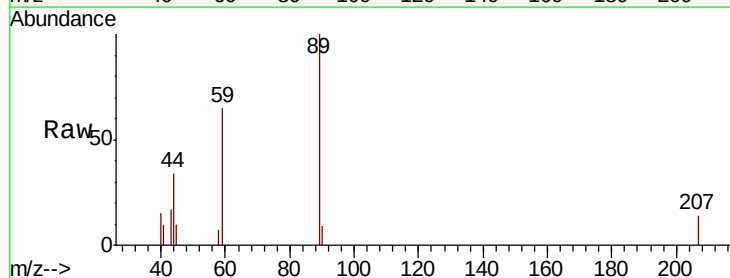
Acq: 12 Oct 2018 18:37

Tgt Ion: 59 Resp: 2126

Ion Ratio Lower Upper

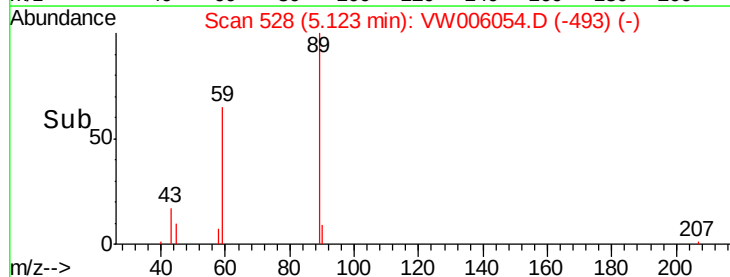
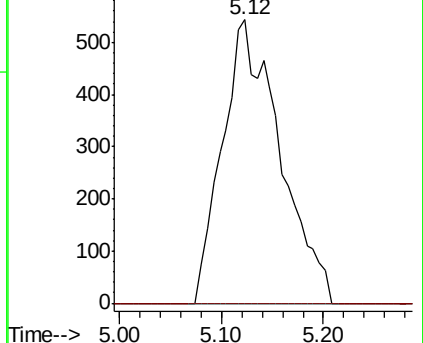
59 100

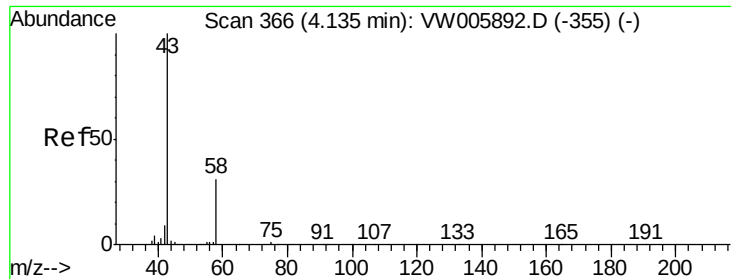
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

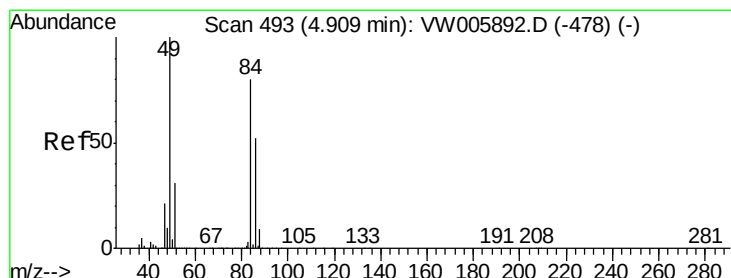
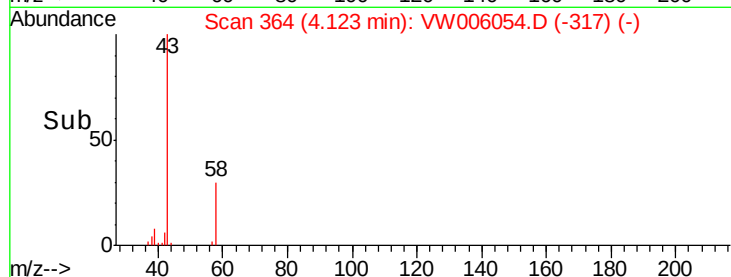
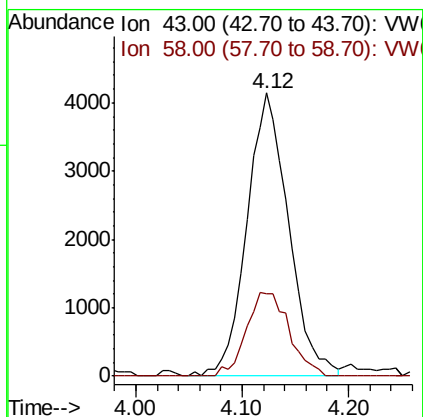
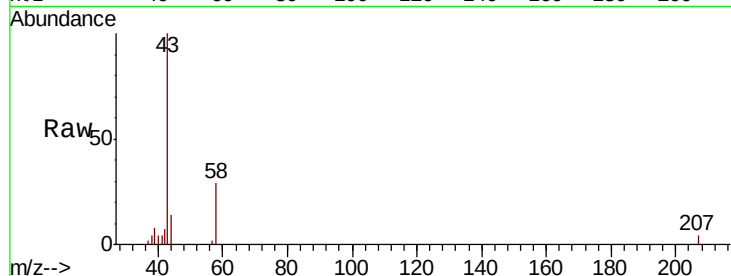




#16
Acetone
Concen: 65.716 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW006054.D
Acq: 12 Oct 2018 18:37

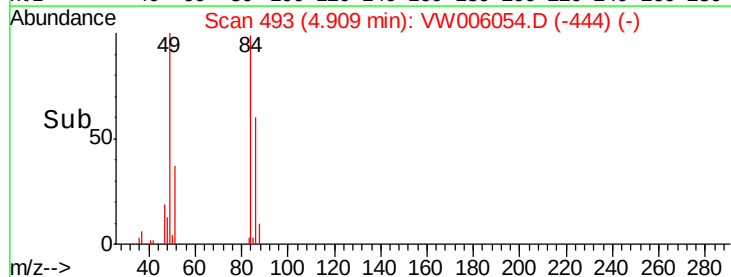
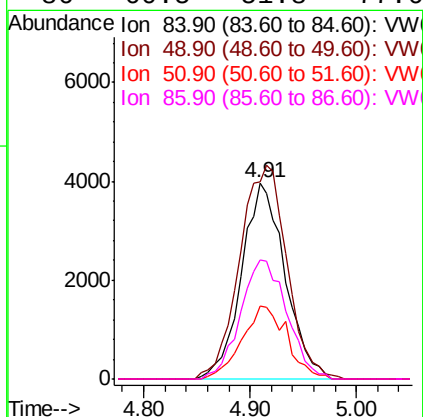
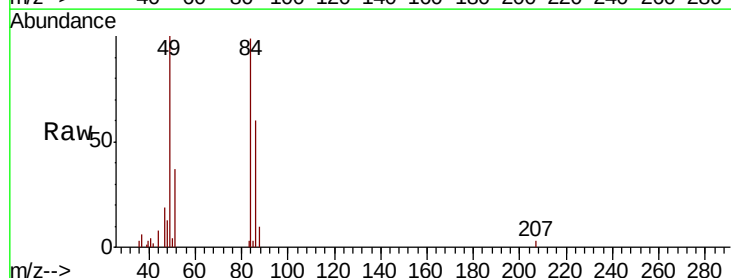
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-D

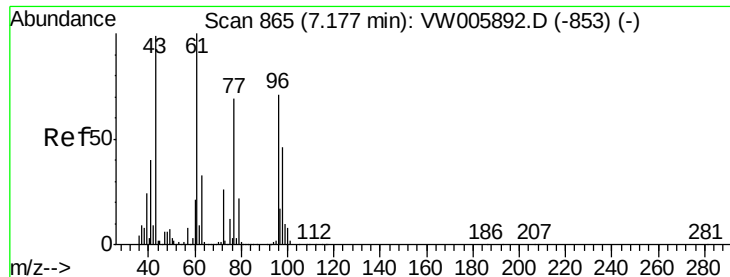
Tgt Ion: 43 Resp: 11356
Ion Ratio Lower Upper
43 100
58 29.2 24.7 37.1



#20
Methylene Chloride
Concen: 13.108 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW006054.D
Acq: 12 Oct 2018 18:37

Tgt Ion: 84 Resp: 11349
Ion Ratio Lower Upper
84 100
49 100.6 99.9 149.9
51 37.0 31.1 46.7
86 60.5 51.8 77.6





#25

2-Butanone

Concen: 7.222 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW006054.D

Acq: 12 Oct 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

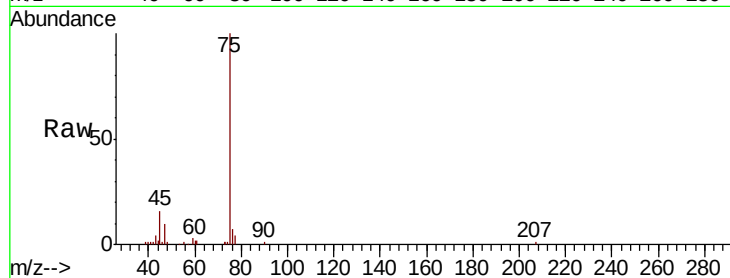
CL-02-101218-D

Tgt Ion: 43 Resp: 1775

Ion Ratio Lower Upper

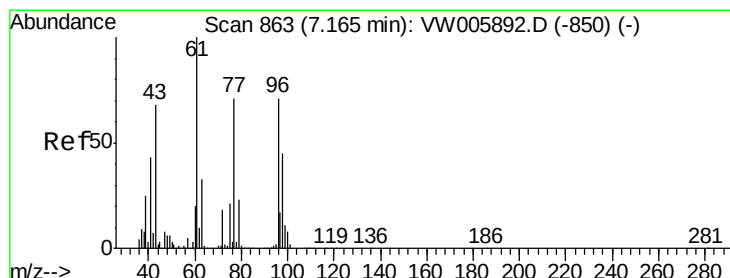
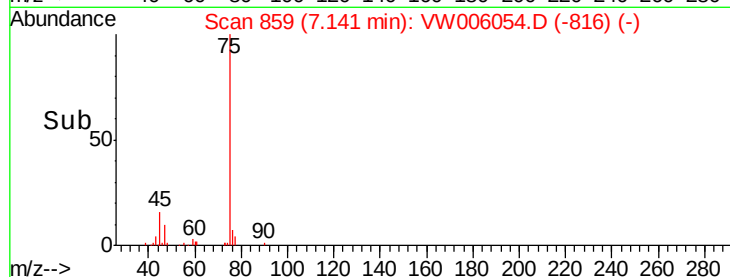
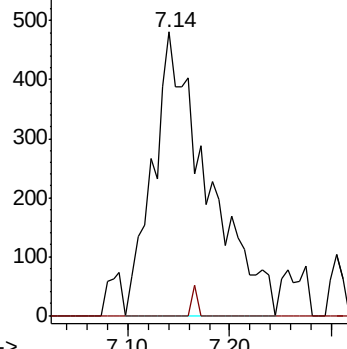
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.599 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW006054.D

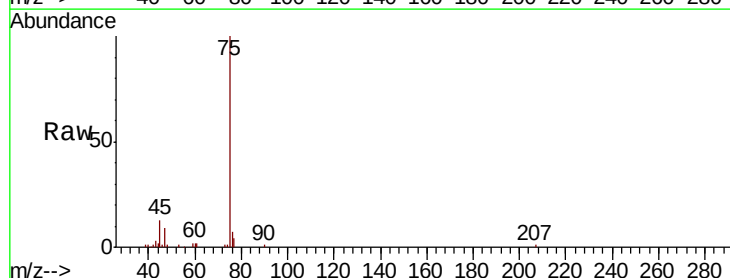
Acq: 12 Oct 2018 18:37

Tgt Ion: 77 Resp: 1722

Ion Ratio Lower Upper

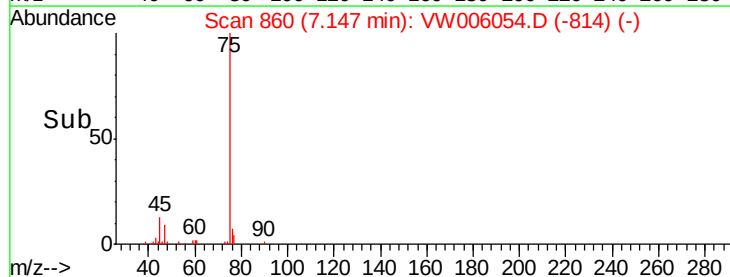
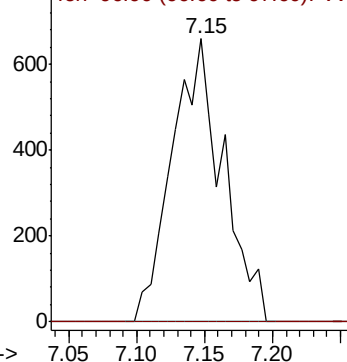
77 100

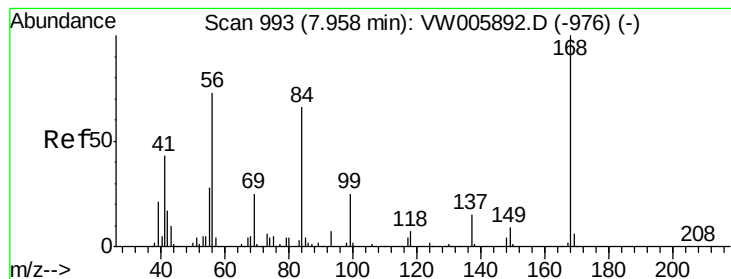
97 0.0 11.9 35.7#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006054.D

Acq: 12 Oct 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-D

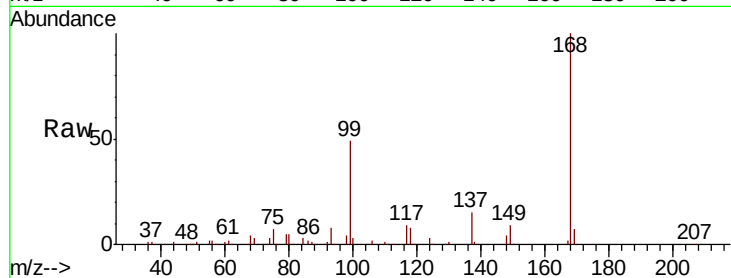
Tgt Ion: 56 Resp: 1755

Ion Ratio Lower Upper

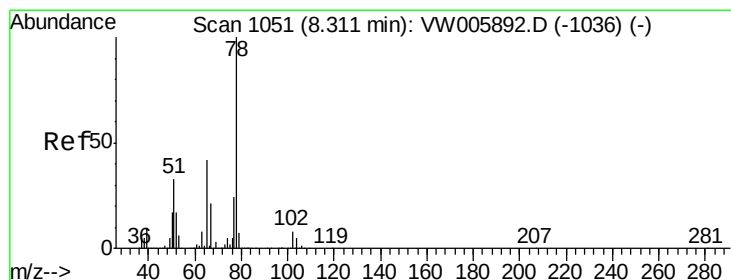
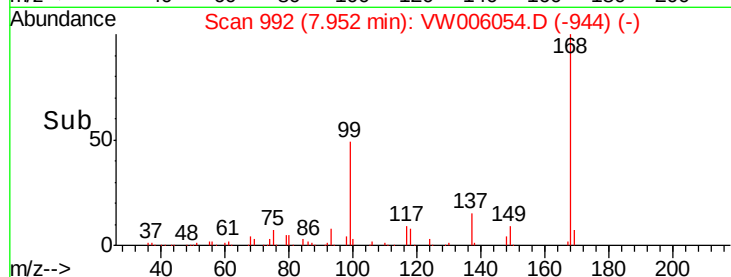
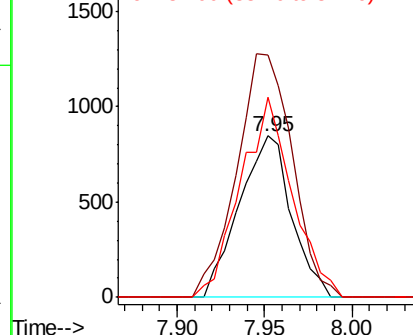
56 100

69 150.6 27.9 41.9#

84 124.5 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: 51.676 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006054.D

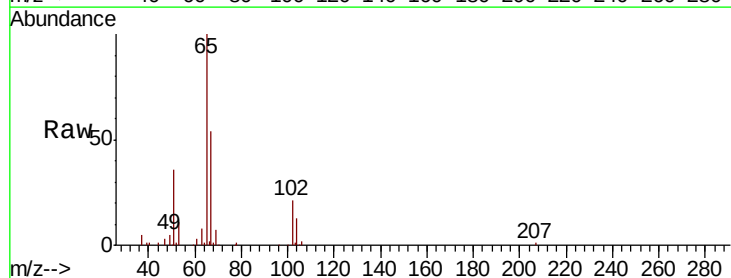
Acq: 12 Oct 2018 18:37

Tgt Ion: 65 Resp: 44707

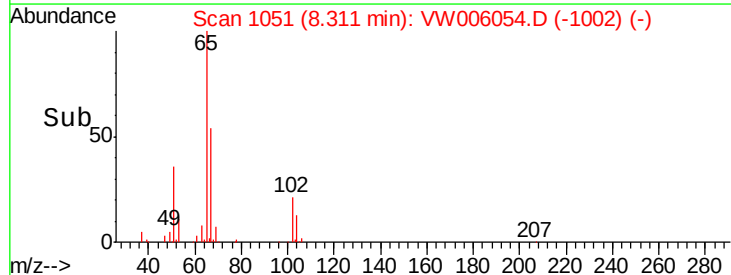
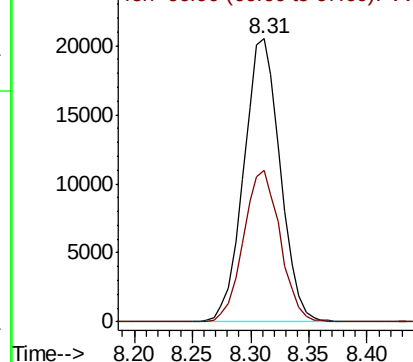
Ion Ratio Lower Upper

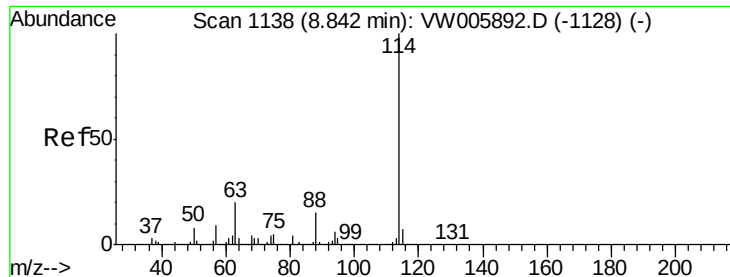
65 100

67 53.9 0.0 104.6



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

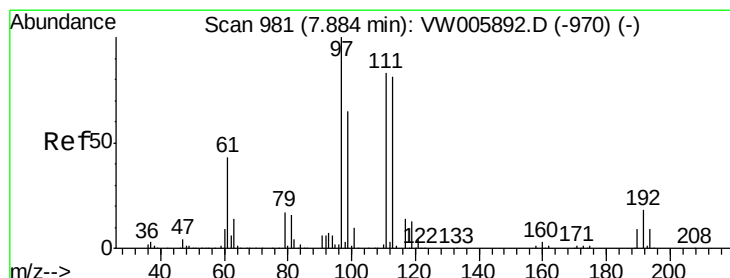
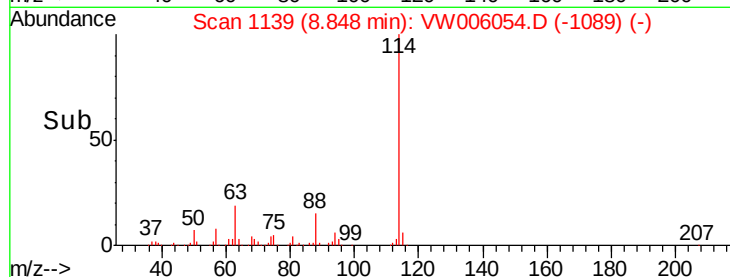
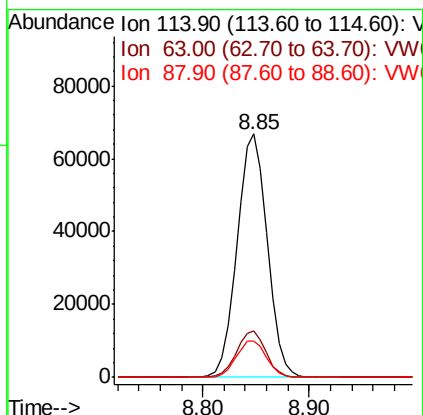
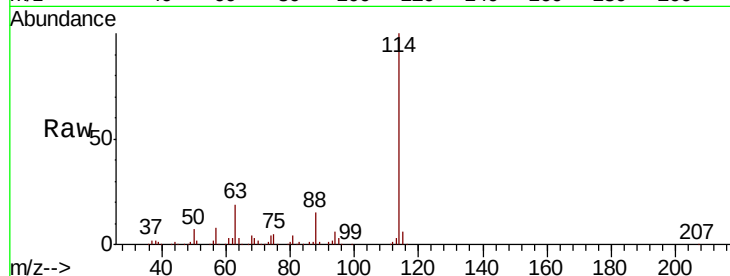




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006054.D
 Acq: 12 Oct 2018 18:37

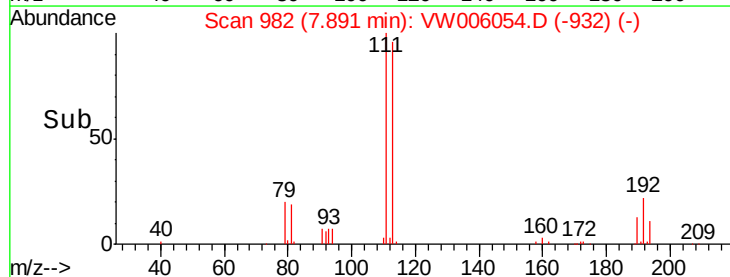
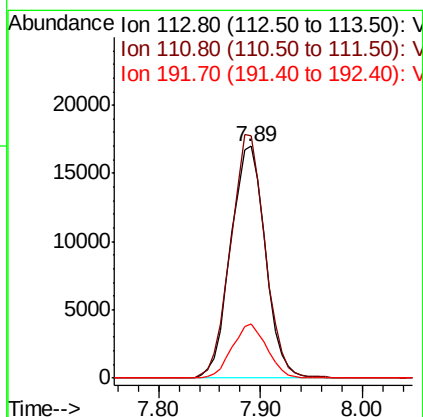
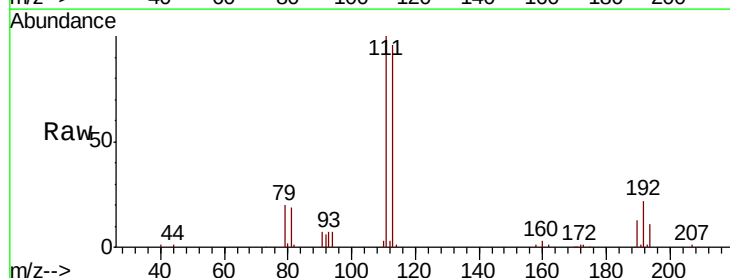
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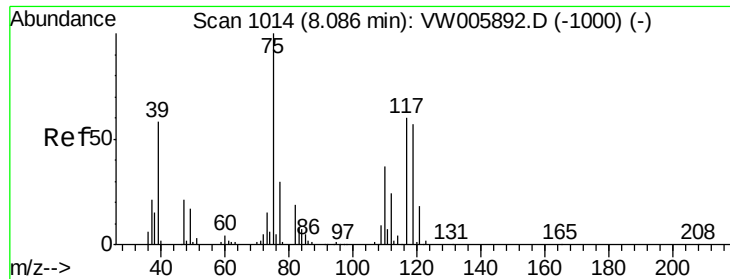
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.2
88	15.0	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 47.446 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006054.D
 Acq: 12 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.1	18.3	27.5

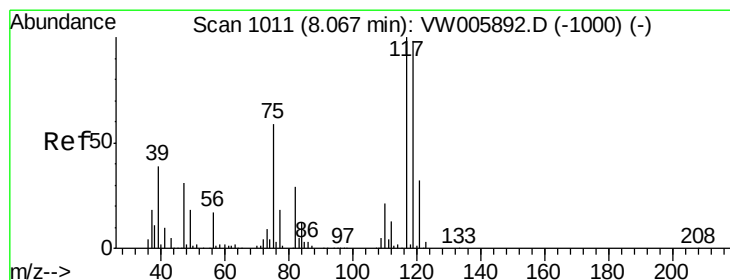
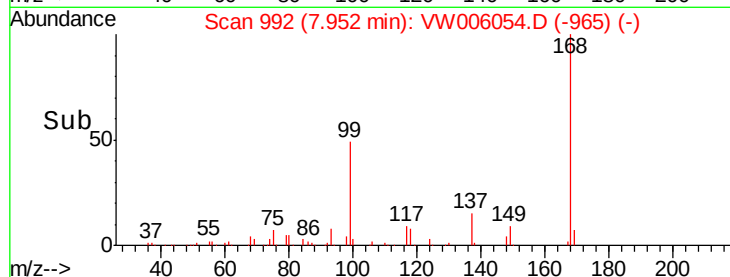
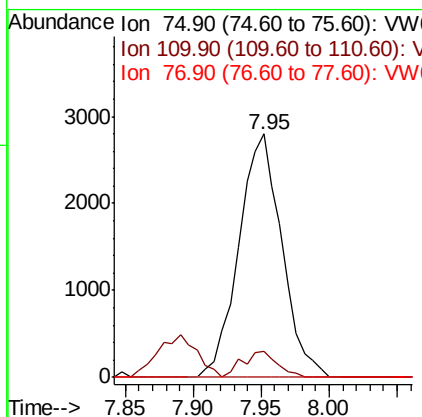
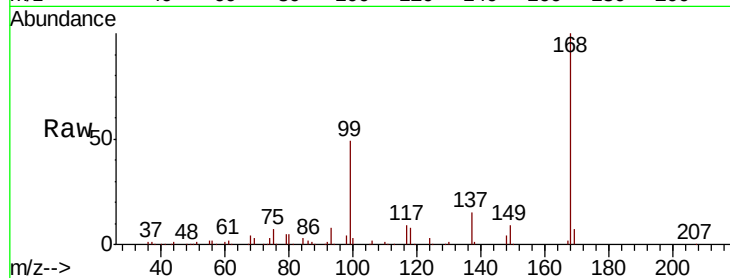




#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006054.D
 Acq: 12 Oct 2018 18:37

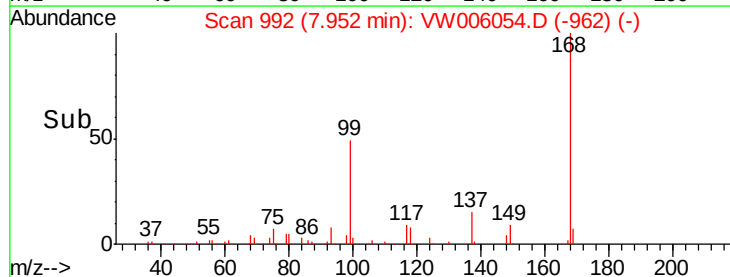
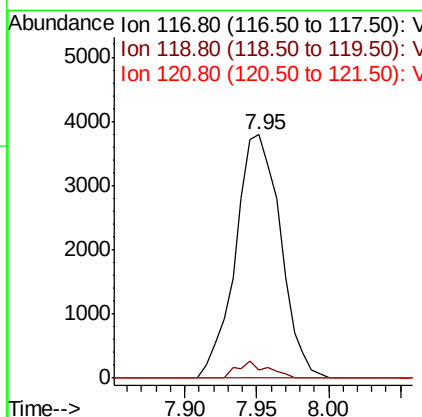
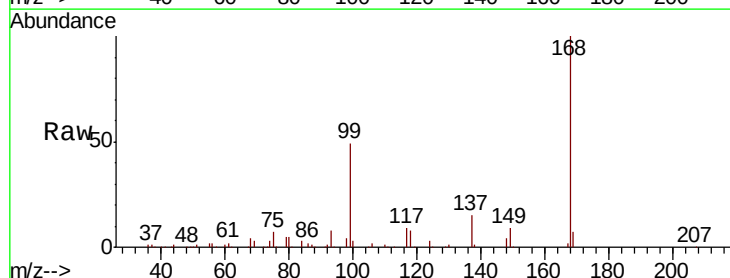
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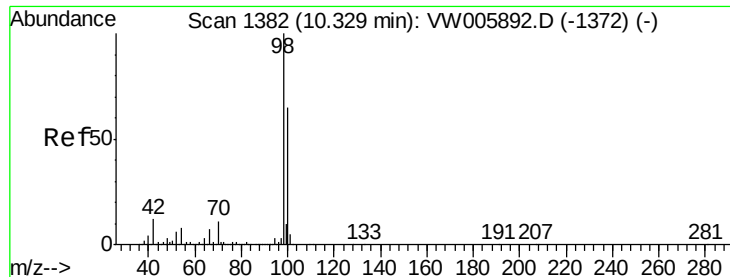
Tgt Ion: 75 Resp: 6182
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.031 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006054.D
 Acq: 12 Oct 2018 18:37

Tgt Ion: 117 Resp: 8245
 Ion Ratio Lower Upper
 117 100
 119 3.4 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 46.388 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006054.D

Acq: 12 Oct 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

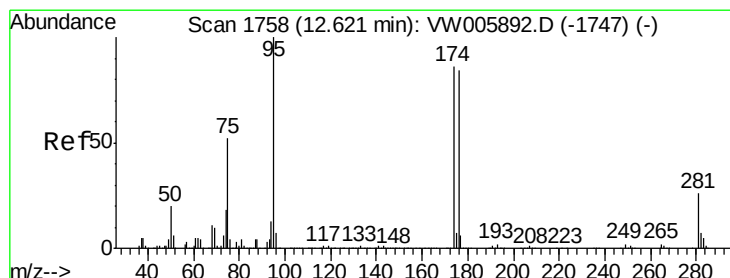
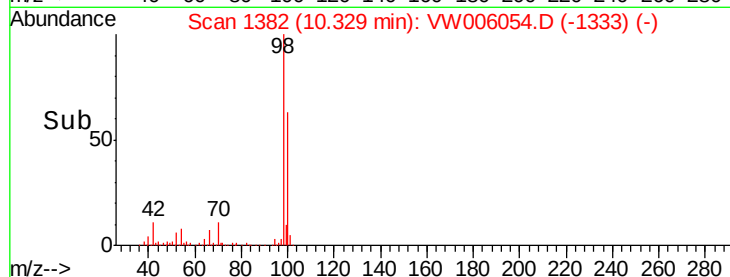
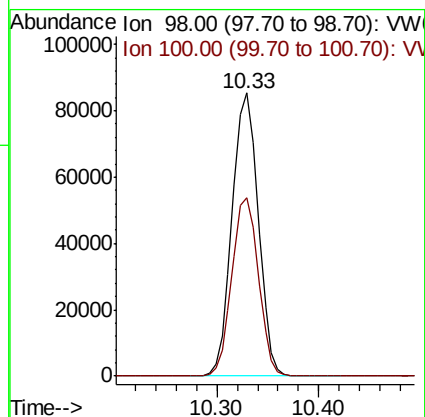
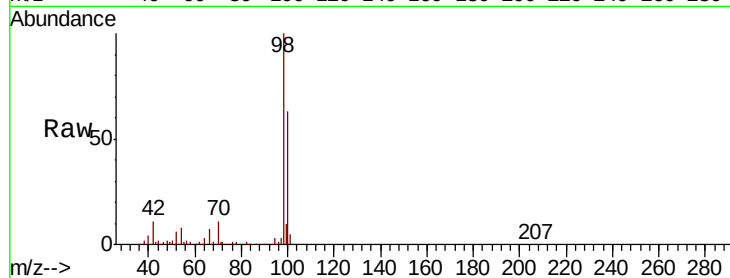
CL-02-101218-D

Tgt Ion: 98 Resp: 151309

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.352 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006054.D

Acq: 12 Oct 2018 18:37

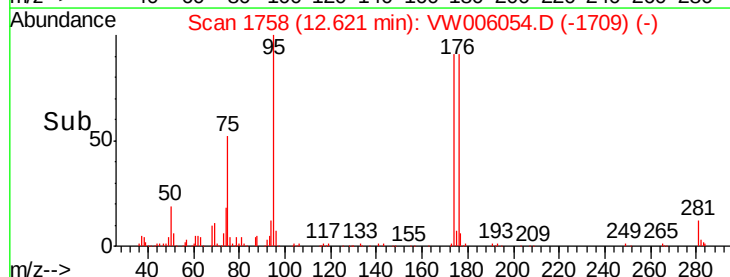
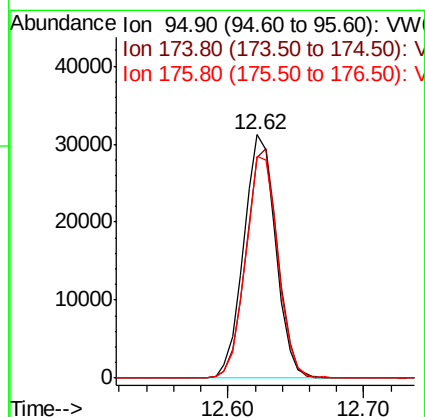
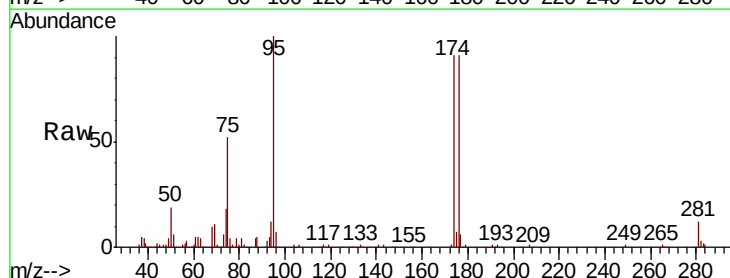
Tgt Ion: 95 Resp: 51317

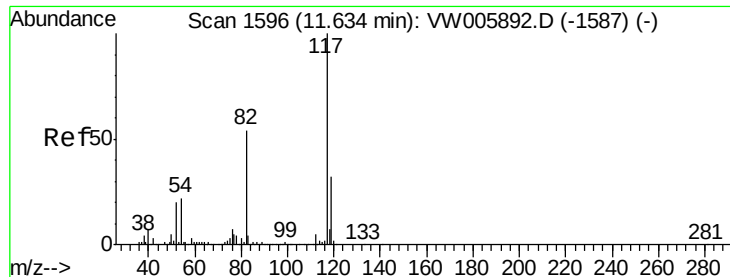
Ion Ratio Lower Upper

95 100

174 94.1 0.0 176.4

176 91.9 0.0 173.0

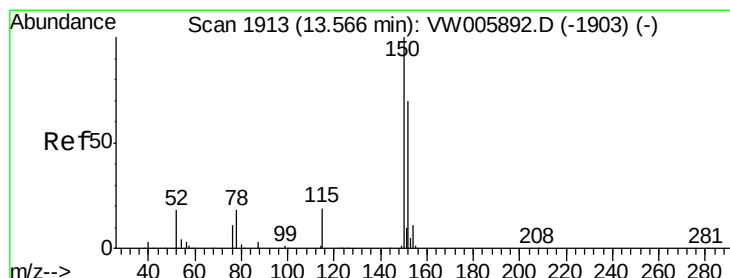
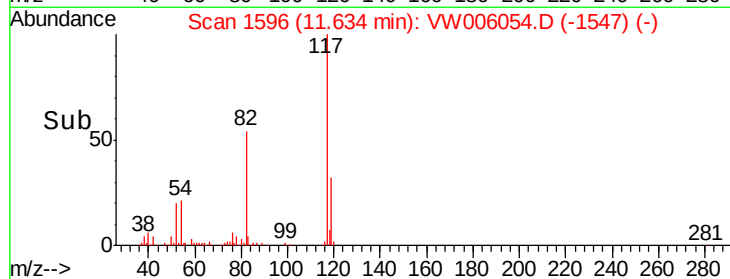
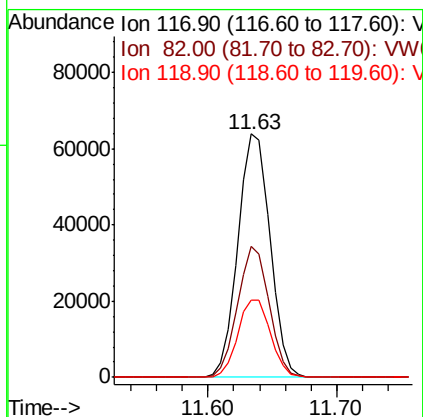
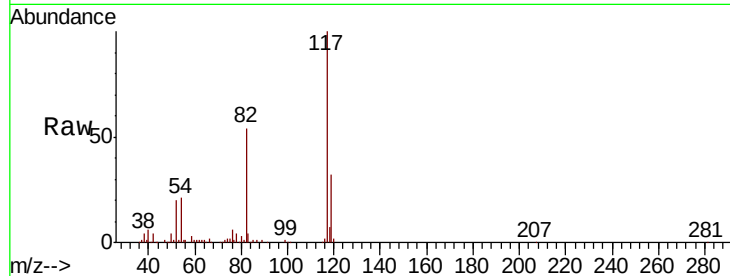




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006054.D
Acq: 12 Oct 2018 18:37

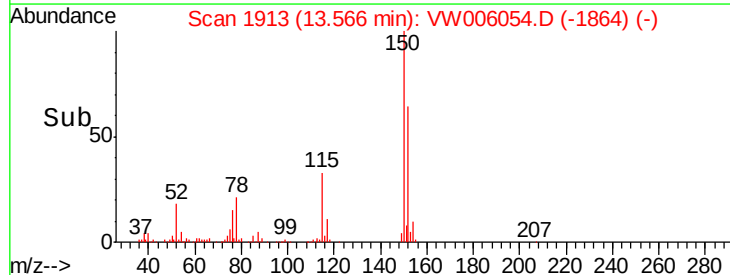
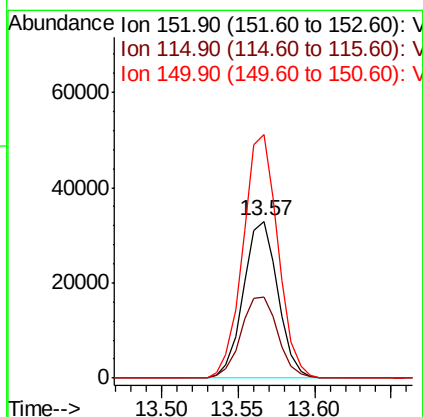
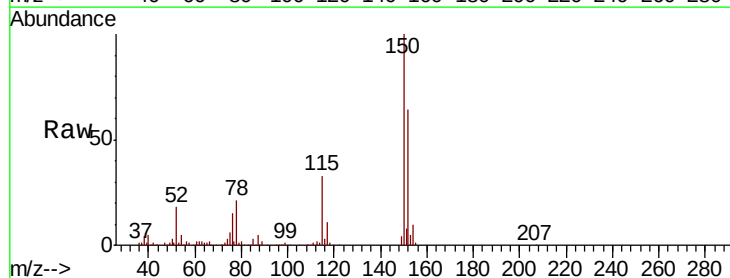
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-D

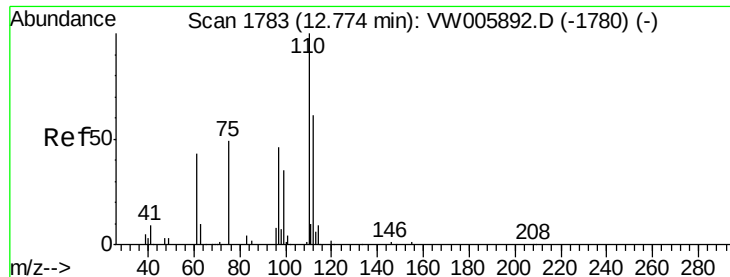
Tgt Ion:117 Resp: 110478
Ion Ratio Lower Upper
117 100
82 53.8 43.5 65.3
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006054.D
Acq: 12 Oct 2018 18:37

Tgt Ion:152 Resp: 51641
Ion Ratio Lower Upper
152 100
115 55.1 28.3 85.0
150 156.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 57.724 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006054.D

Acq: 12 Oct 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

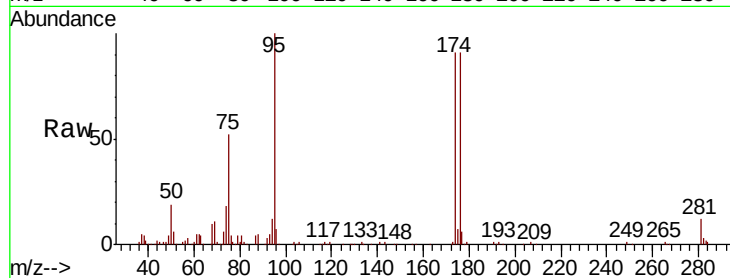
CL-02-101218-D

Tgt Ion: 75 Resp: 26628

Ion Ratio Lower Upper

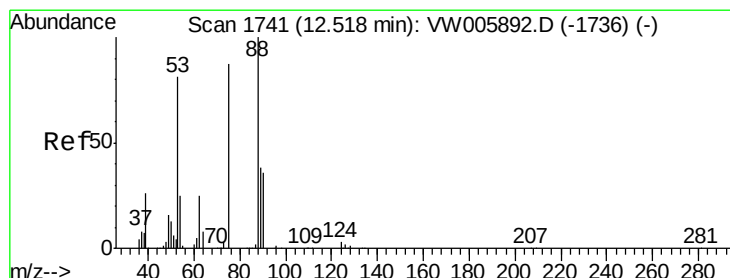
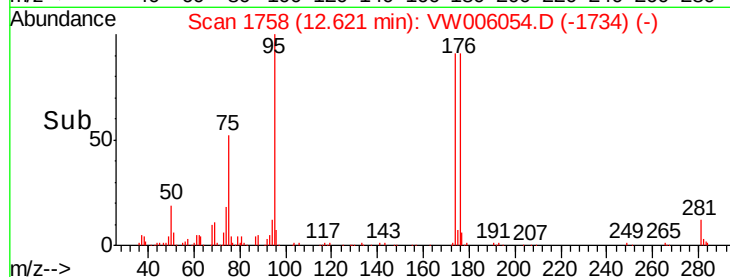
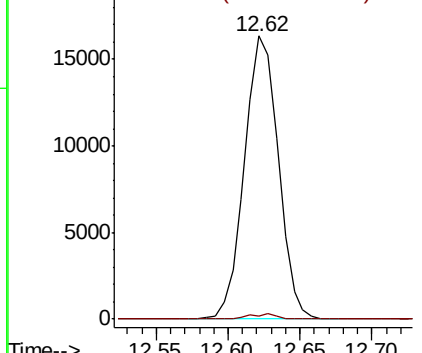
75 100

77 1.7 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: 121.862 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006054.D

Acq: 12 Oct 2018 18:37

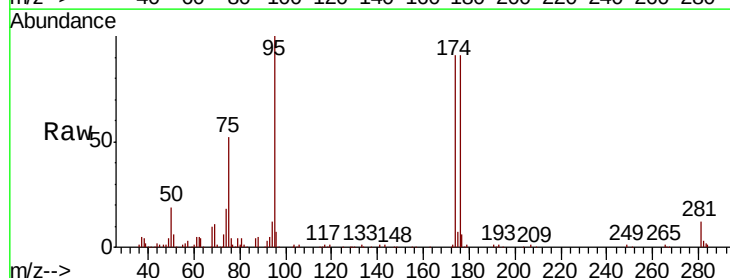
Tgt Ion: 75 Resp: 26628

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

