

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006057.D
 Acq On : 12 Oct 2018 19:54
 Operator : VA/AP
 Sample : J5198-13RE
 Misc : 7.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 13 01:09:32 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	198426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	287549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107832	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	99685	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.89	113	99998	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
50) Toluene-d8	10.33	98	374302	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	121886	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	

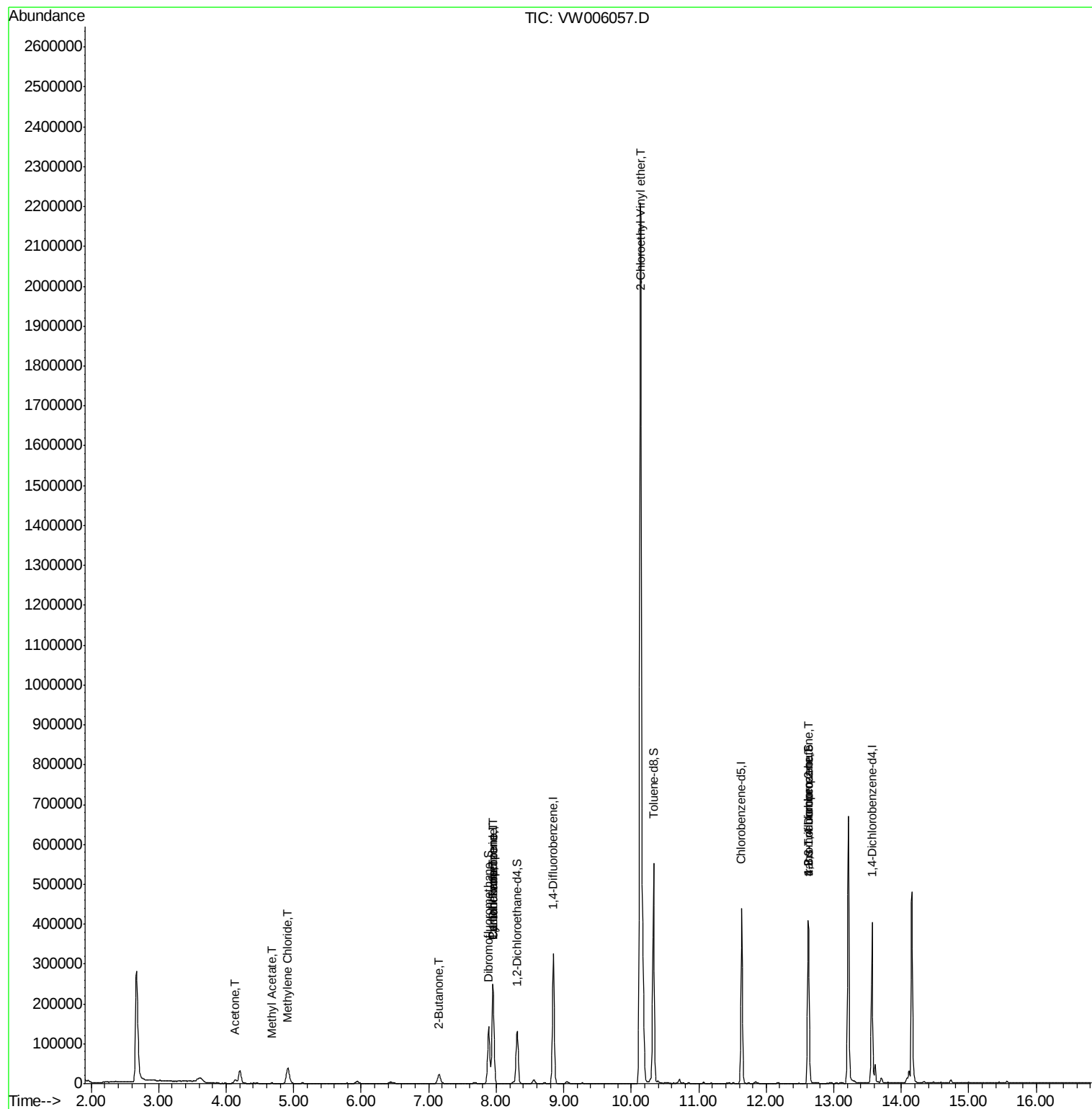
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	17023	44.243	ug/l	100
18) Methyl Acetate	4.68	43	1608	1.656	ug/l #	87
20) Methylene Chloride	4.91	84	32264	16.737	ug/l	96
25) 2-Butanone	7.15	43	1184	2.164	ug/l #	49
31) Cyclohexane	7.95	56	3938	1.168	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	13461	4.886	ug/l #	48
38) Carbon Tetrachloride	7.95	117	17635	5.957	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.13	63	9170	11.636	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	61603	63.954	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61603	135.014	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: VW006057.D

Acq: 12 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

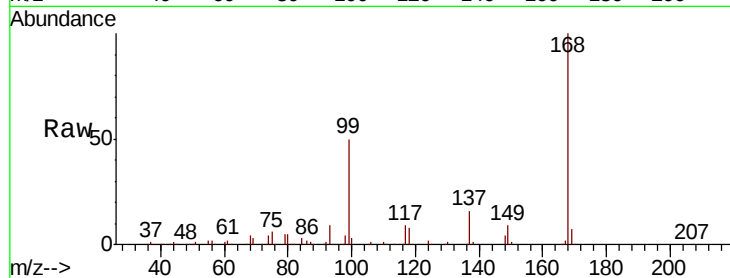
CL-02-101218-B

Tgt Ion:168 Resp: 198426

Ion Ratio Lower Upper

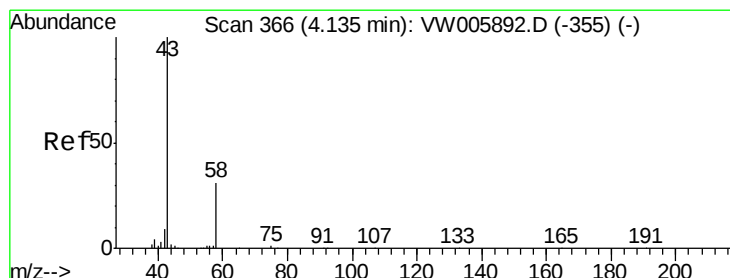
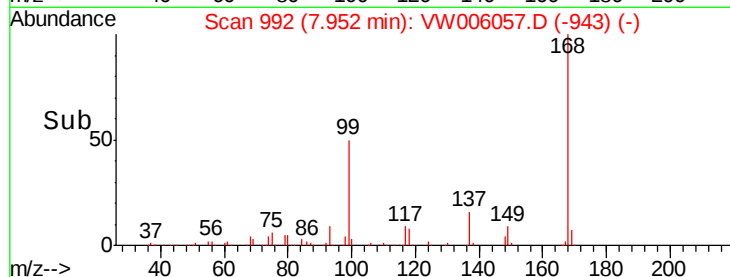
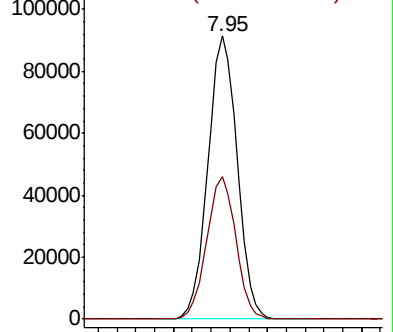
168 100

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



#16

Acetone

Concen: 44.243 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006057.D

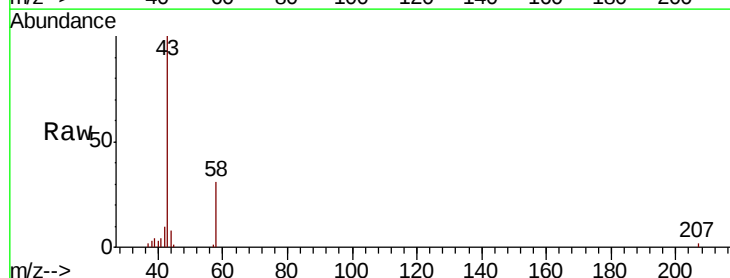
Acq: 12 Oct 2018 19:54

Tgt Ion: 43 Resp: 17023

Ion Ratio Lower Upper

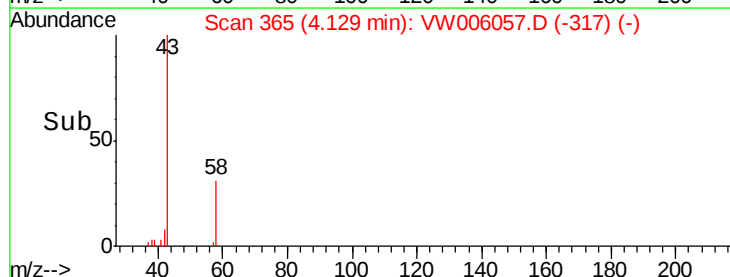
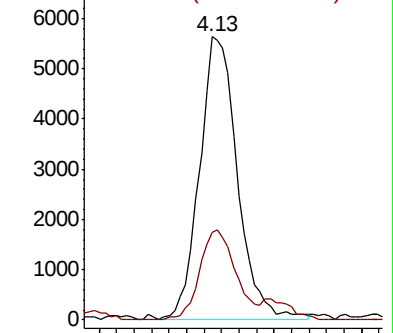
43 100

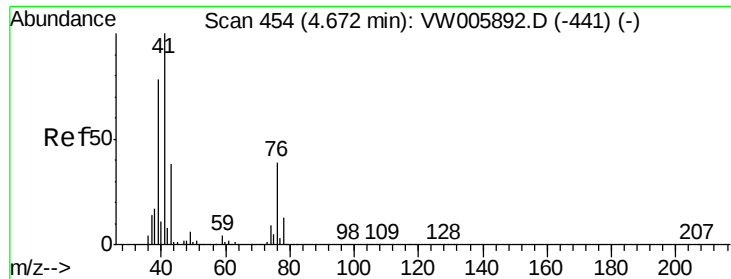
58 30.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

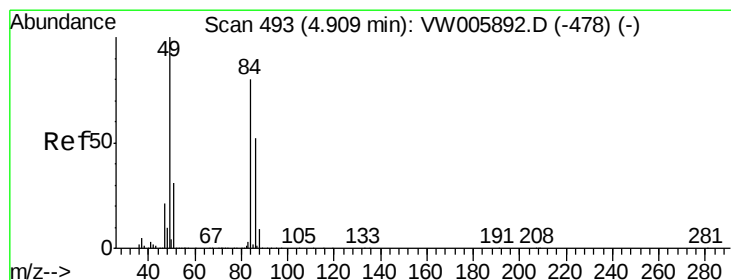
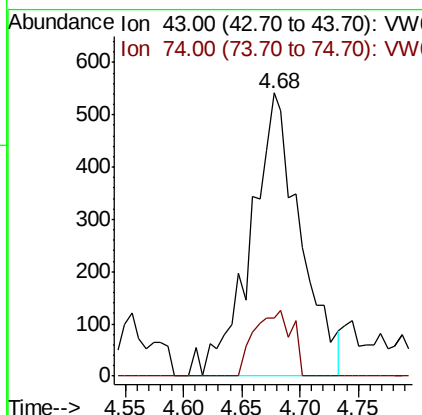
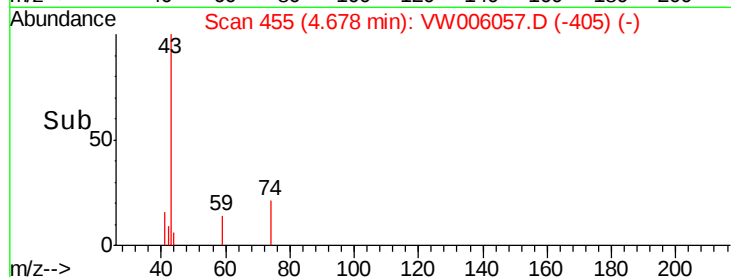
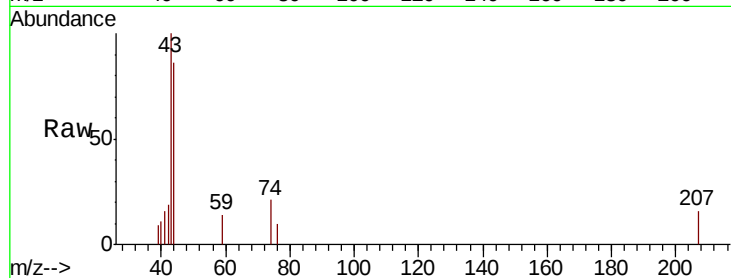




#18
Methyl Acetate
Concen: 1.656 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW006057.D
Acq: 12 Oct 2018 19:54

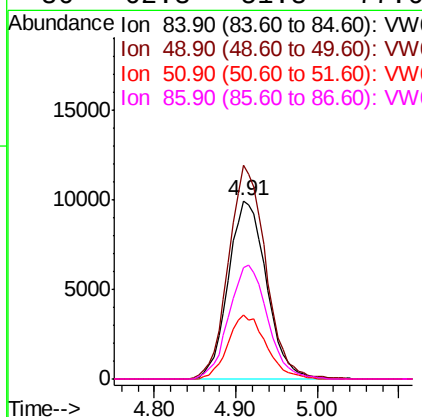
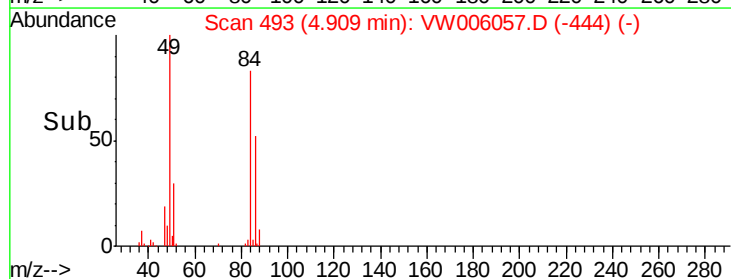
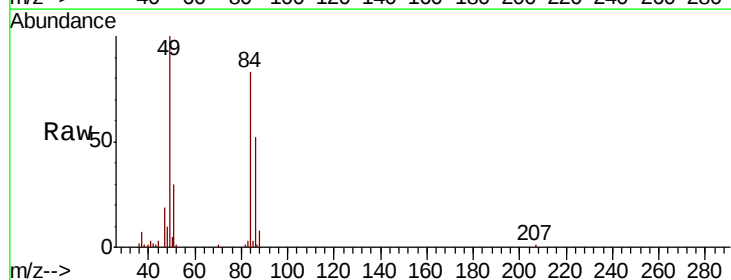
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-B

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
74 17.7 19.2 28.8#



#20
Methylene Chloride
Concen: 16.737 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006057.D
Acq: 12 Oct 2018 19:54

Tgt Ion: 84 Resp: 32264
Ion Ratio Lower Upper
84 100
49 120.0 99.9 149.9
51 35.7 31.1 46.7
86 62.3 51.8 77.6

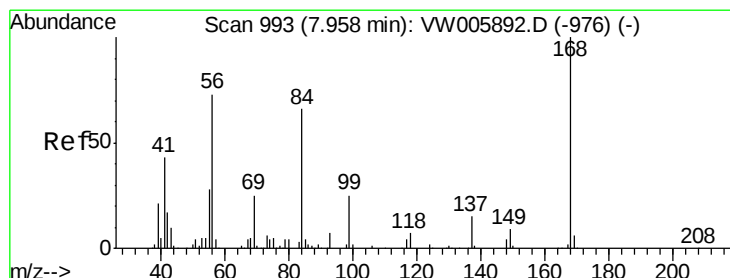
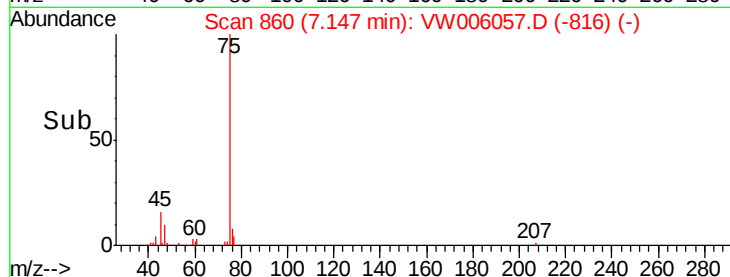
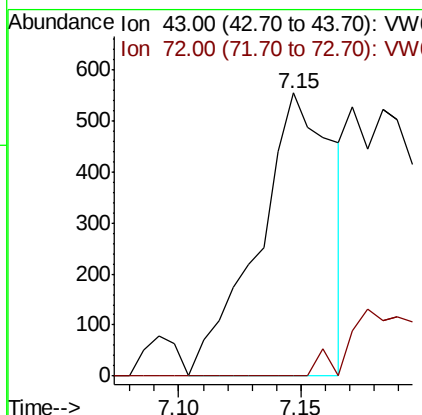
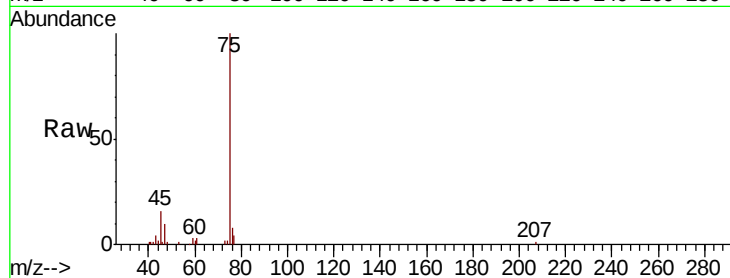




#25
2-Butanone
Concen: 2.164 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW006057.D
Acq: 12 Oct 2018 19:54

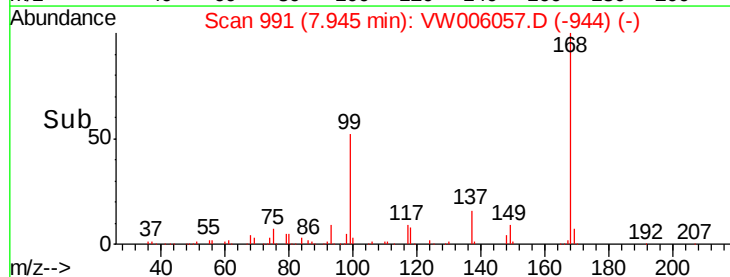
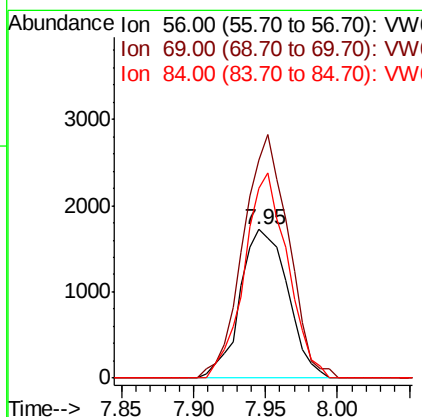
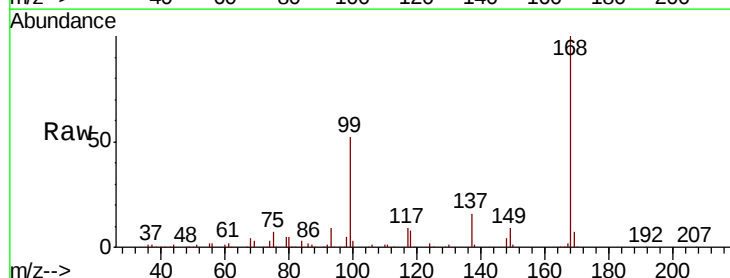
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ClientSampleId :
CL-02-101218-B

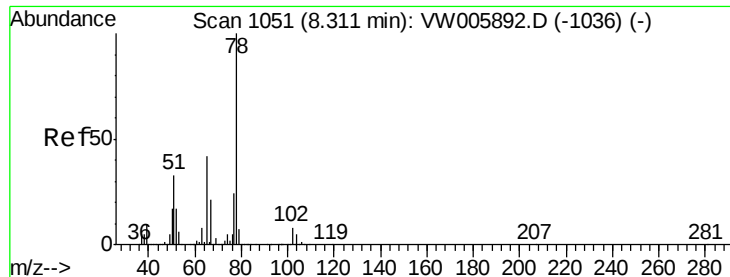
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006057.D
Acq: 12 Oct 2018 19:54

Tgt Ion: 56 Resp: 3938
Ion Ratio Lower Upper
56 100
69 146.8 27.9 41.9#
84 127.9 72.3 108.5#

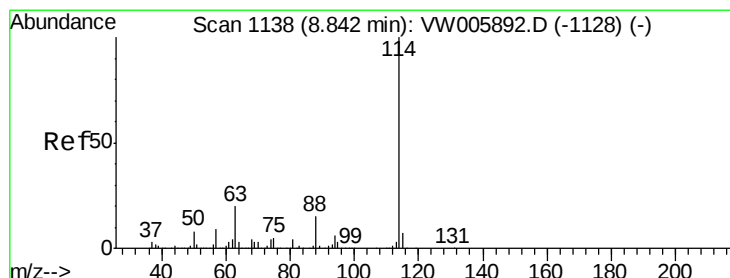
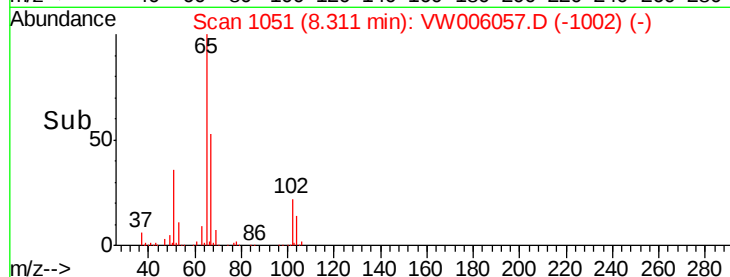
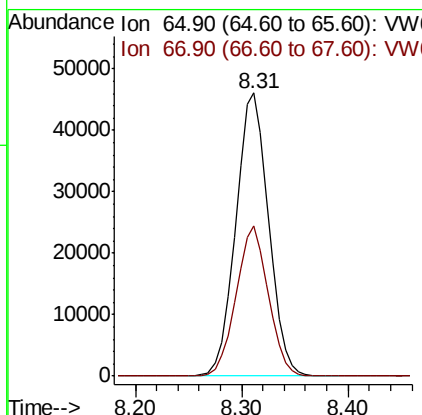
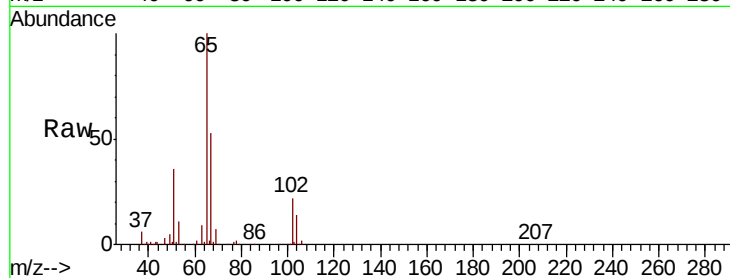




#33
 1,2-Dichloroethane-d4
 Concen: 51.750 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006057.D
 Acq: 12 Oct 2018 19:54

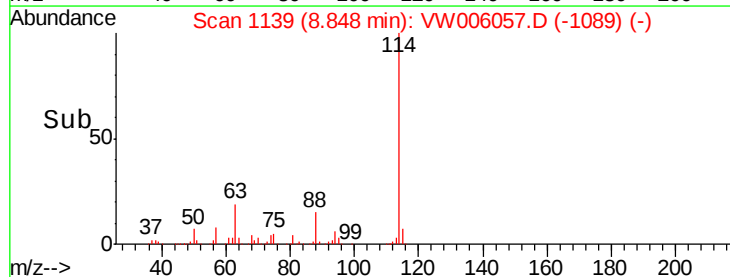
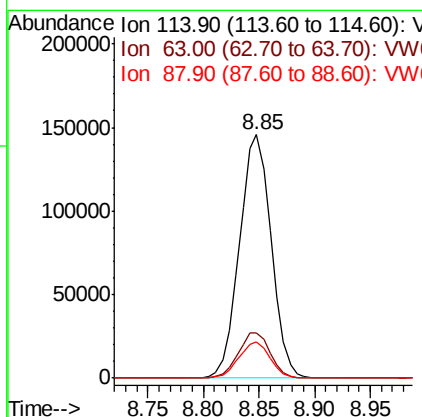
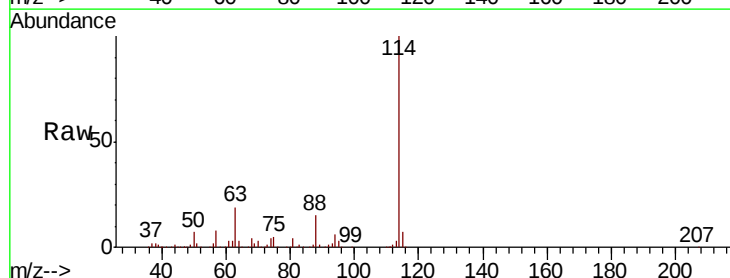
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-B

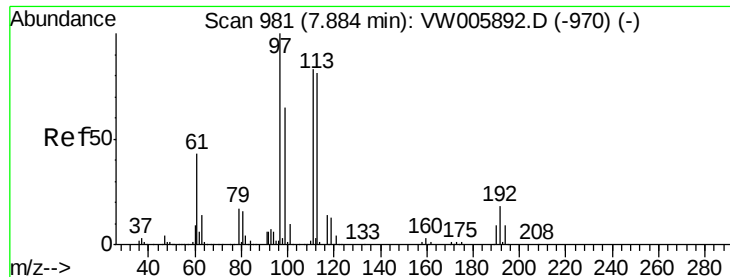
Tgt Ion: 65 Resp: 99685
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006057.D
 Acq: 12 Oct 2018 19:54

Tgt Ion: 114 Resp: 287549
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.469 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006057.D

Acq: 12 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-B

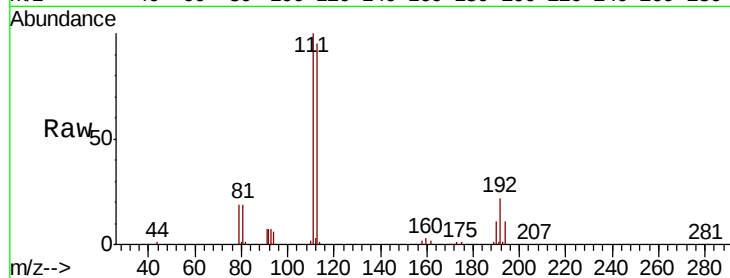
Tgt Ion:113 Resp: 99998

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

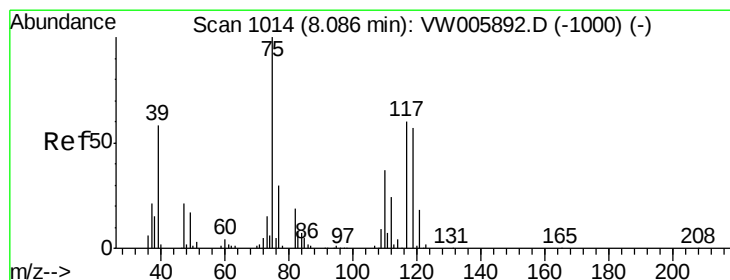
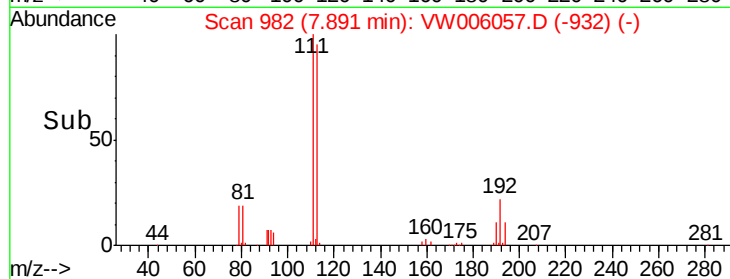
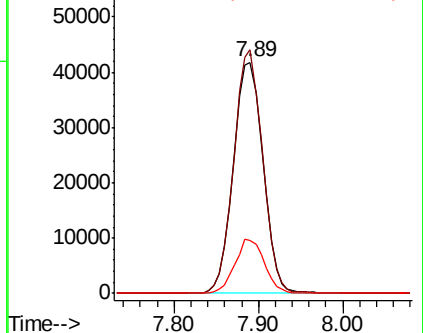
192 23.0 18.3 27.5



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: 4.886 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006057.D

Acq: 12 Oct 2018 19:54

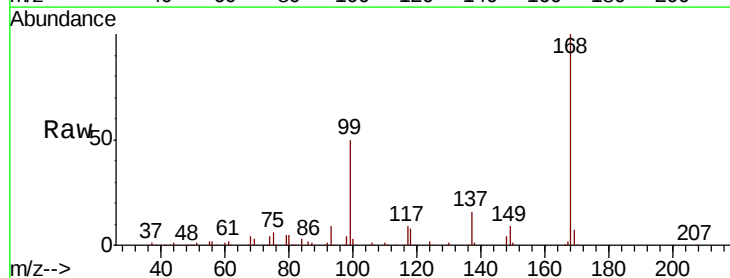
Tgt Ion: 75 Resp: 13461

Ion Ratio Lower Upper

75 100

110 8.4 18.6 56.0#

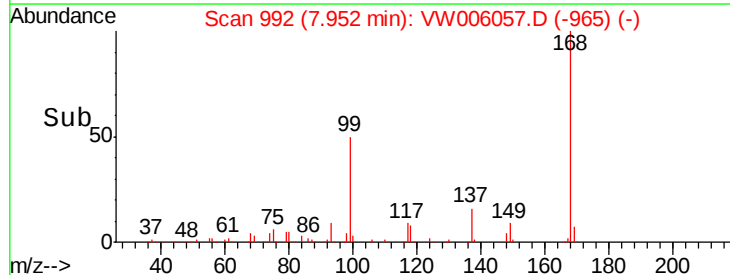
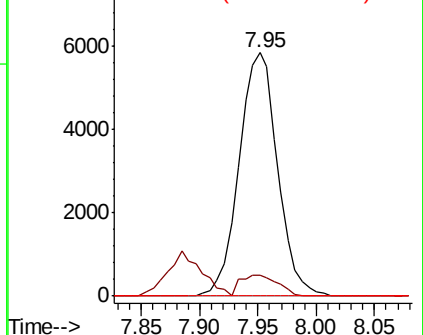
77 0.0 24.7 37.1#

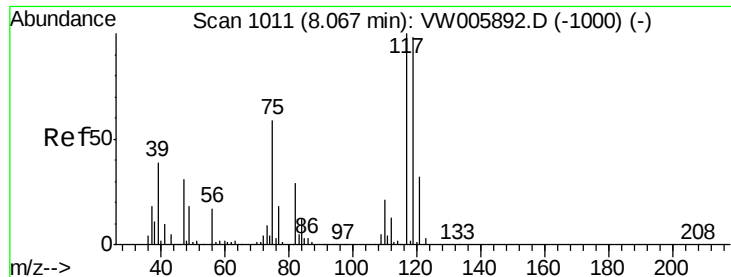


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.957 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006057.D

Acq: 12 Oct 2018 19:54

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CL-02-101218-B

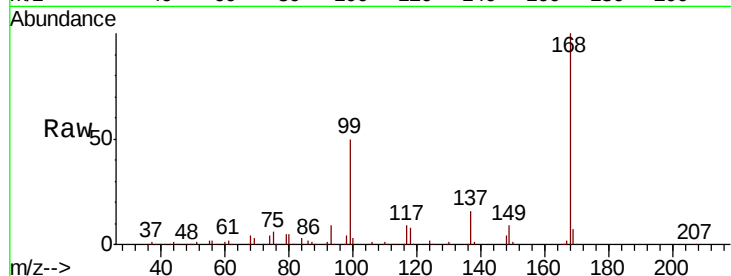
Tgt Ion:117 Resp: 17635

Ion Ratio Lower Upper

117 100

119 4.5 78.6 117.8#

121 0.0 25.3 37.9#

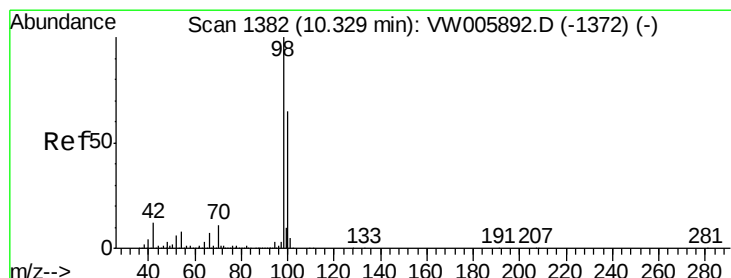
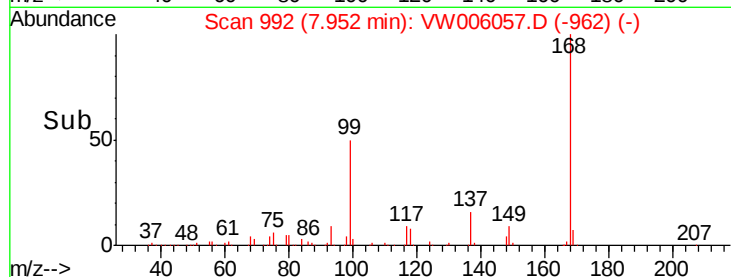
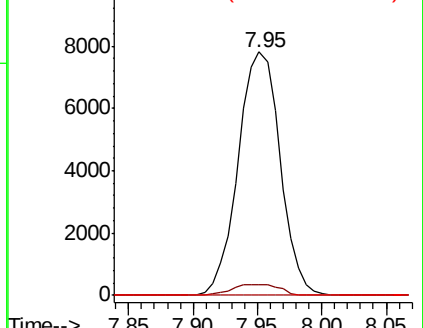


Abundance

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



#50

Toluene-d8

Concen: 52.992 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006057.D

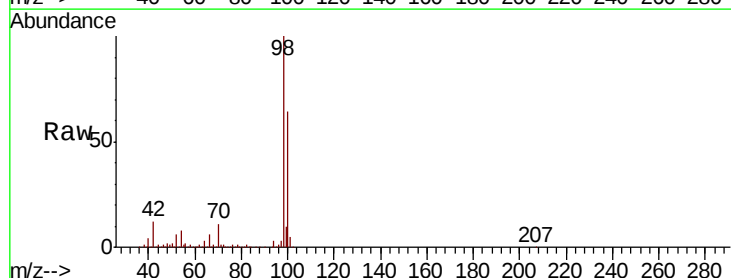
Acq: 12 Oct 2018 19:54

Tgt Ion: 98 Resp: 374302

Ion Ratio Lower Upper

98 100

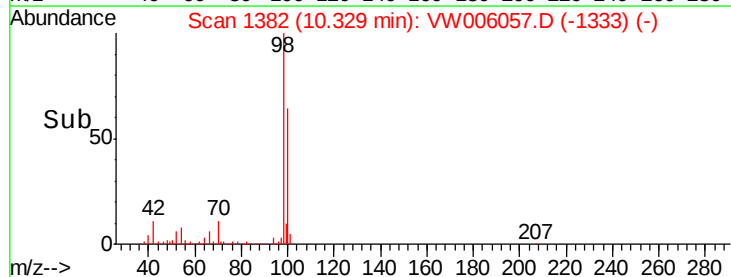
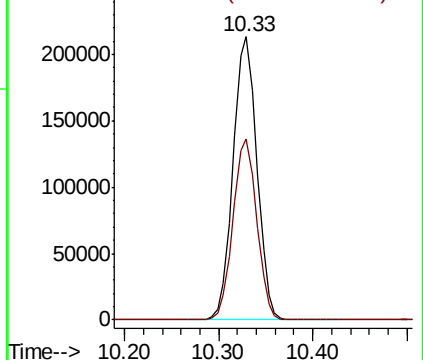
100 63.8 51.9 77.9

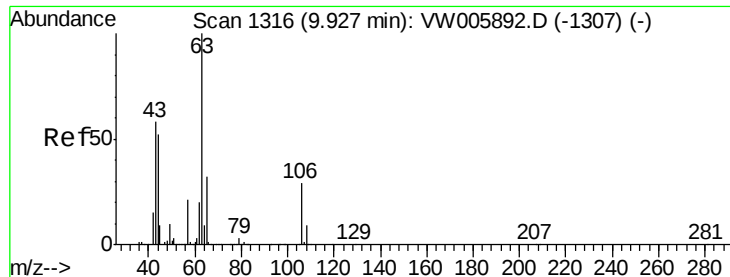


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

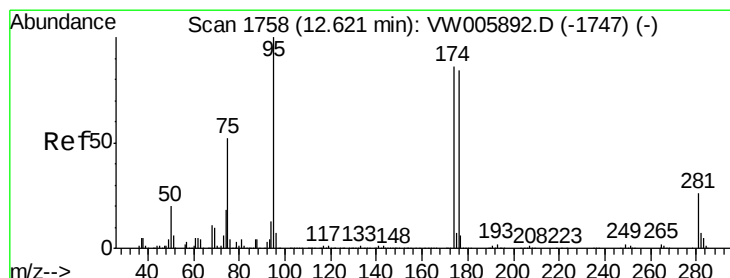
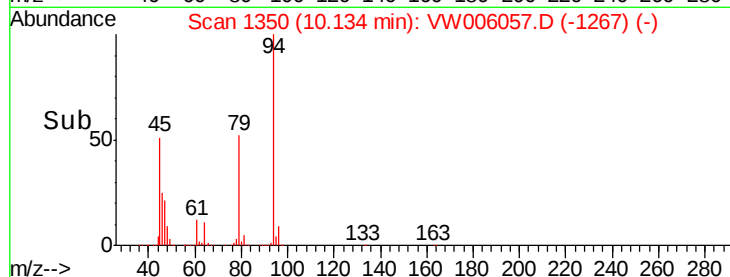
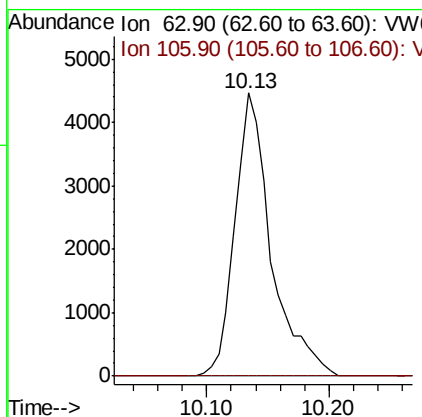
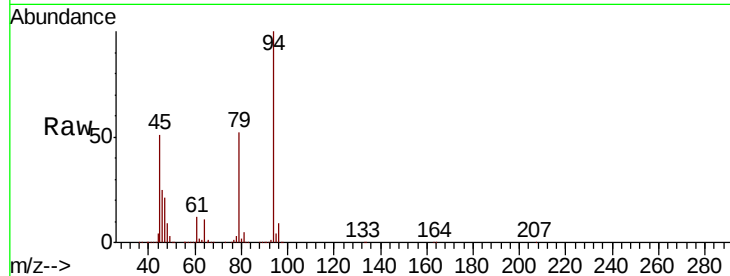




#58
 2-Chloroethyl Vinyl ether
 Concen: 11.636 ug/l
 RT: 10.13 min Scan# 1350
 Delta R.T. 0.21 min
 Lab File: VW006057.D
 Acq: 12 Oct 2018 19:54

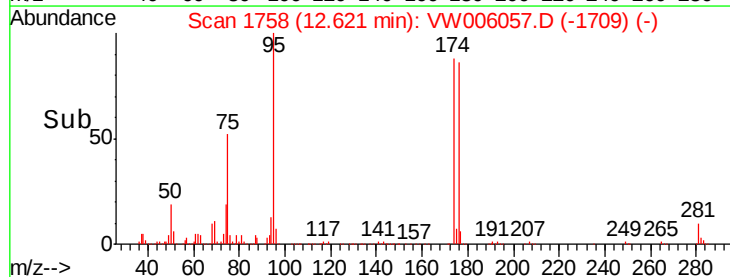
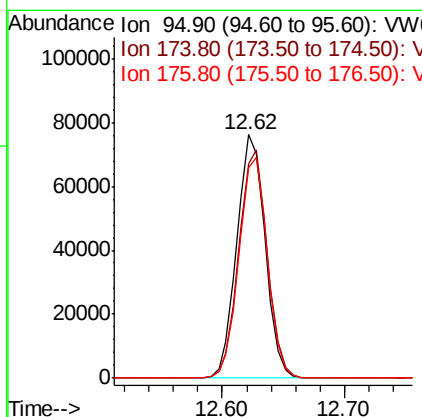
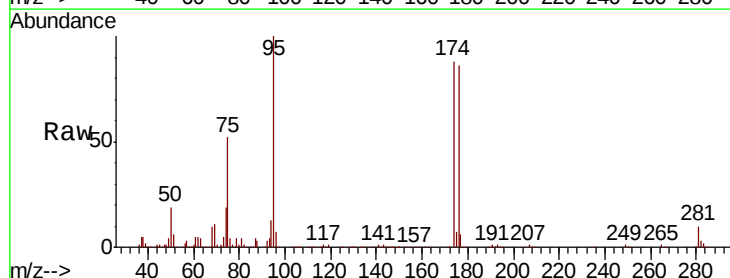
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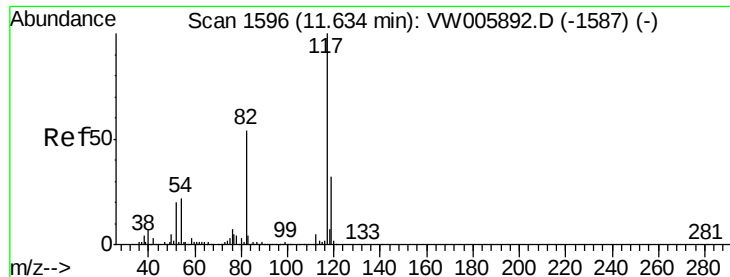
Tgt Ion: 63 Resp: 9170
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.6 35.4#



#62
 4-Bromofluorobenzene
 Concen: 45.355 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006057.D
 Acq: 12 Oct 2018 19:54

Tgt Ion: 95 Resp: 121886
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 176.4
 176 90.9 0.0 173.0

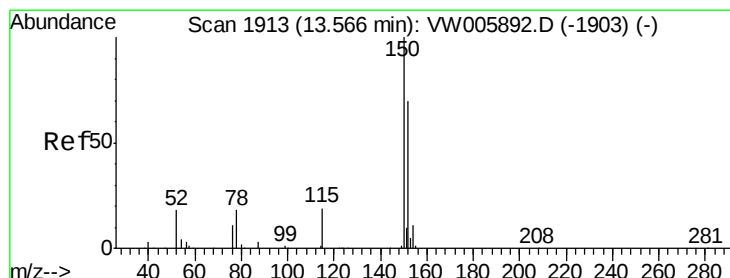
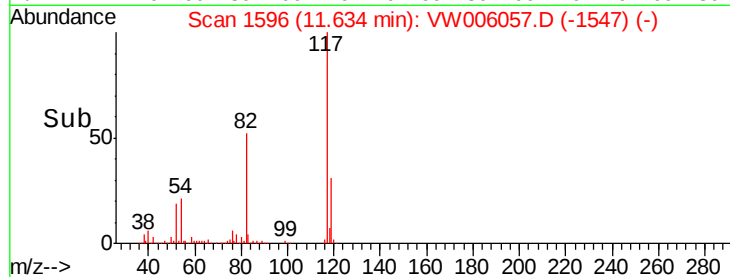
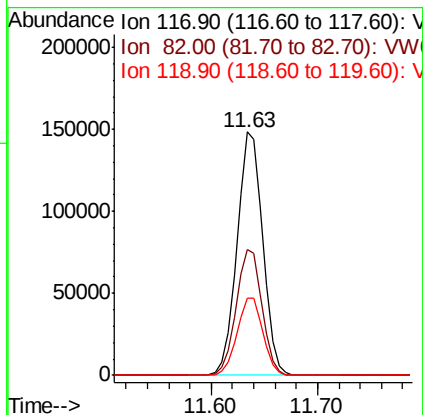
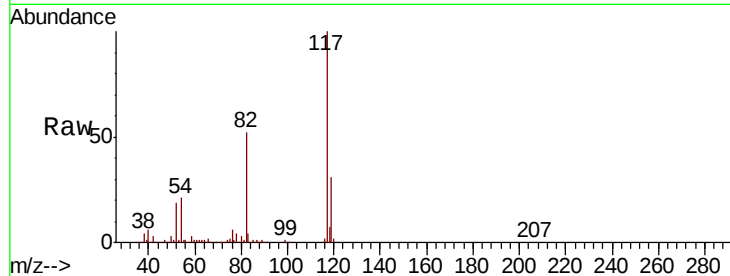




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006057.D
Acq: 12 Oct 2018 19:54

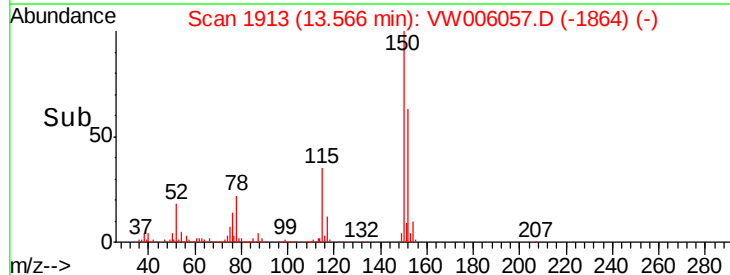
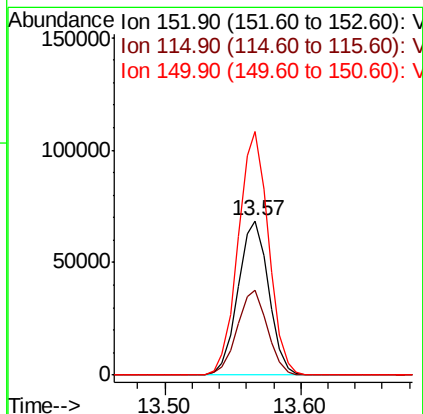
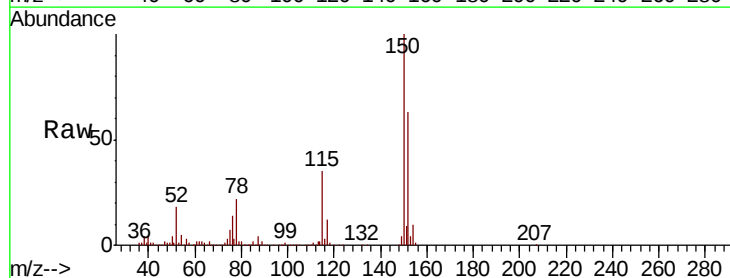
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-B

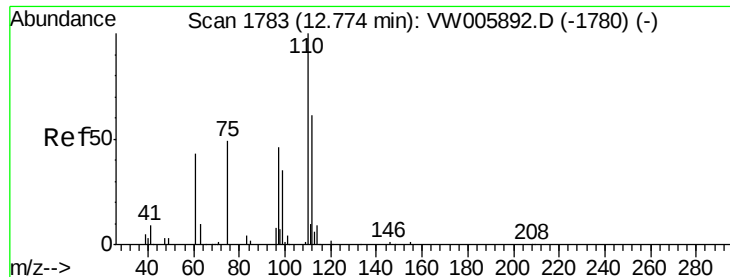
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.5	65.3
119	31.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006057.D
Acq: 12 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.3	85.0
150	155.7	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 63.954 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006057.D

Acq: 12 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

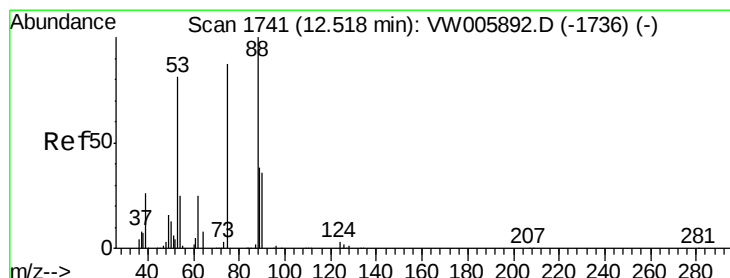
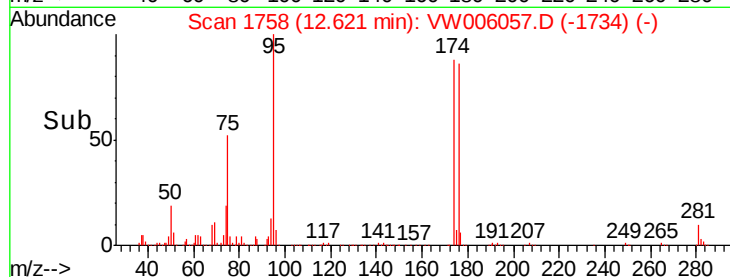
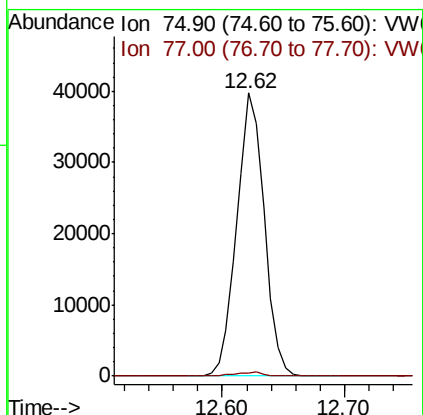
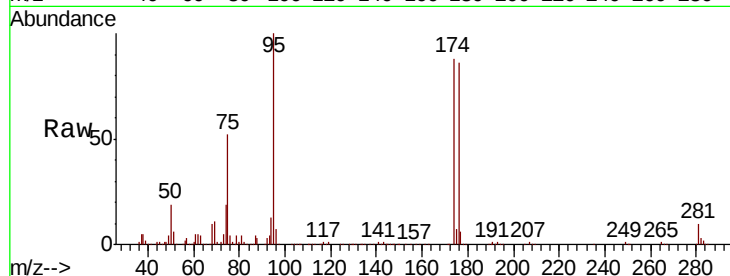
CL-02-101218-B

Tgt Ion: 75 Resp: 61603

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.014 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006057.D

Acq: 12 Oct 2018 19:54

Tgt Ion: 75 Resp: 61603

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

