

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006354.D
 Acq On : 25 Oct 2018 08:48
 Operator : SY/AP
 Sample : J5642-01RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 10:53:02 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	268296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149286	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	124523	55.98	ug/l	0.00
Spiked Amount	50.000			Recovery	=	111.96%	
35) Dibromofluoromethane		7.88	113	120749	50.82	ug/l	0.00
Spiked Amount	50.000			Recovery	=	101.64%	
50) Toluene-d8		10.33	98	434173	48.03	ug/l	0.00
Spiked Amount	50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene		12.62	95	141694	41.74	ug/l	0.00
Spiked Amount	50.000			Recovery	=	83.48%	

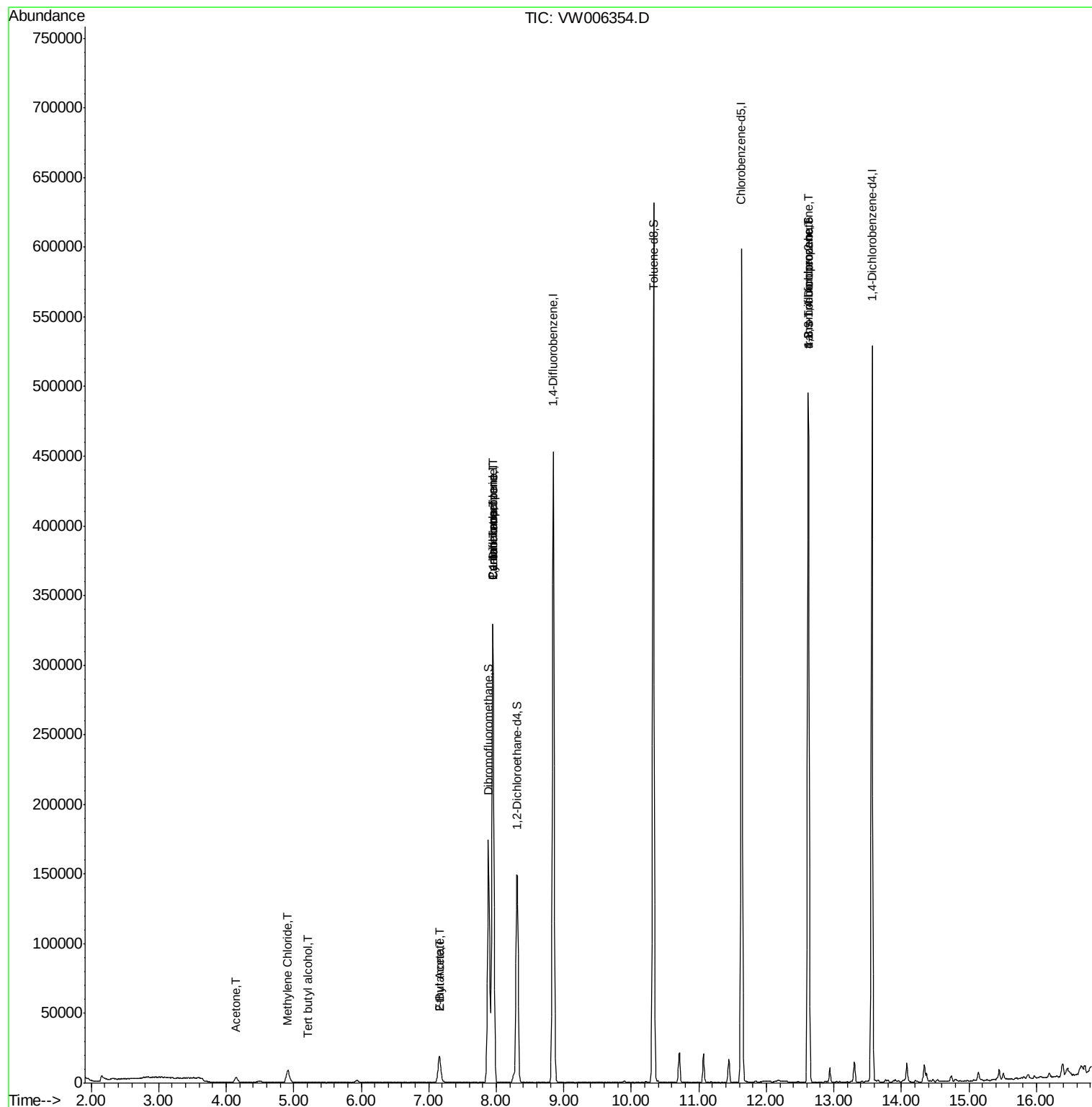
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	172	1.150	ug/l #	71
16) Acetone	4.15	43	7288	2.828	ug/l	99
20) Methylene Chloride	4.91	84	7891	1.783	ug/l	95
25) 2-Butanone	7.16	43	1591	2.648	ug/l #	78
31) Cyclohexane	7.95	56	4625	1.136	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	17155	4.629	ug/l #	48
37) Ethyl Acetate	7.16	43	1591	1.155	ug/l #	33
38) Carbon Tetrachloride	7.95	117	23900	5.883	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	72067	63.203	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72067	151.080	ug/l #	10

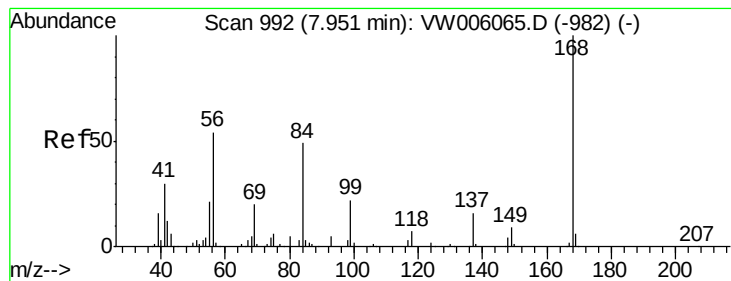
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
Data File : VW006354.D
Acq On : 25 Oct 2018 08:48
Operator : SY/AP
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MSVOA_W
ClientSampleId :

Quant Time: Oct 25 10:53:02 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: VW006354.D

Acq: 25 Oct 2018 08:48

Instrument :

MSVOA_W

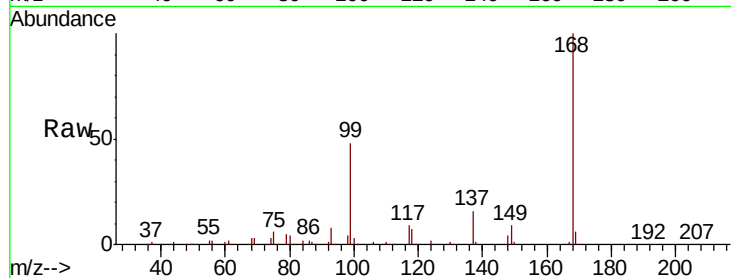
ClientSampleId :

Tot Ion:168 Resp: 268296

Ion Ratio Lower Upper

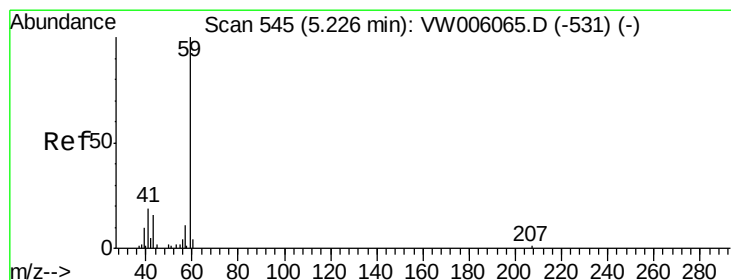
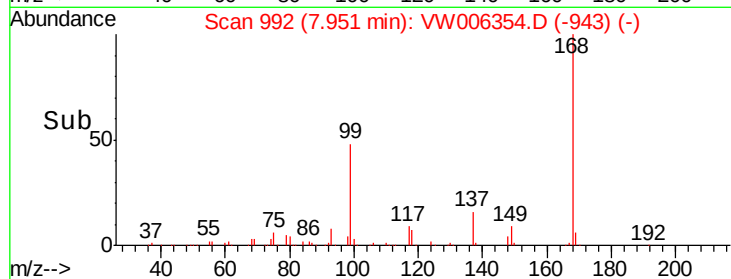
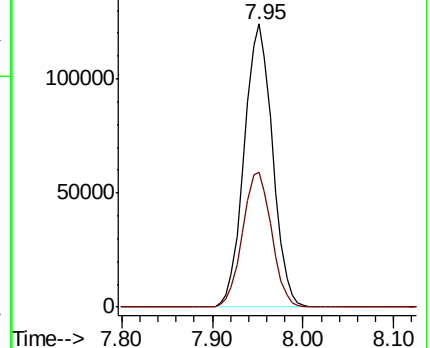
168 100

99 47.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.150 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006354.D

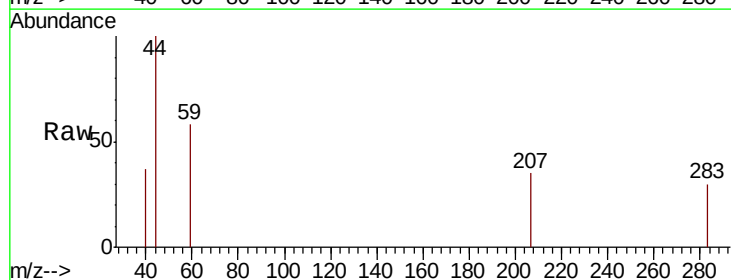
Acq: 25 Oct 2018 08:48

Tgt Ion: 59 Resp: 172

Ion Ratio Lower Upper

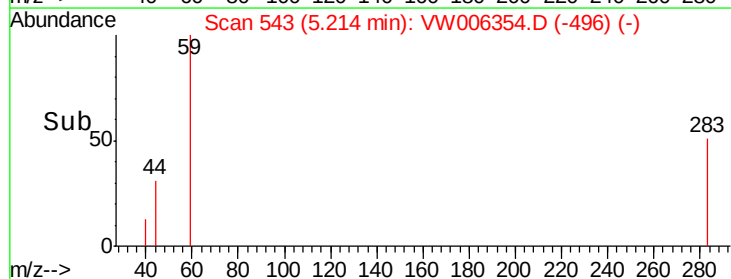
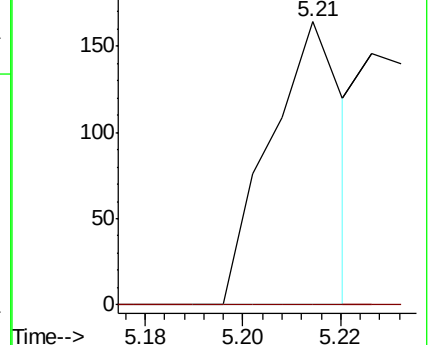
59 100

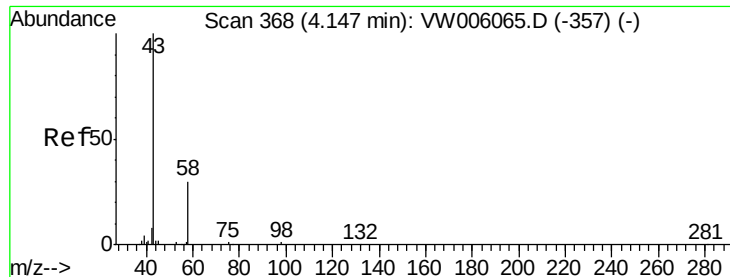
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

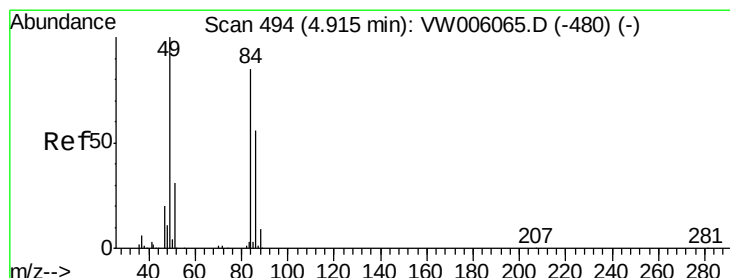
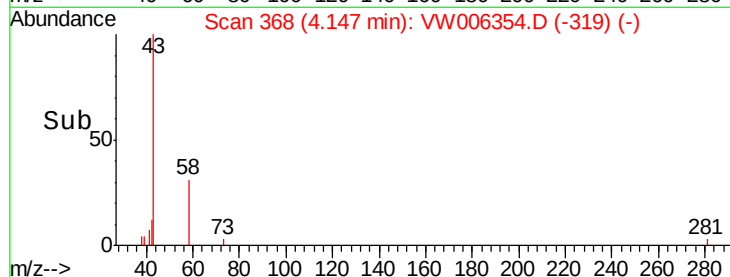
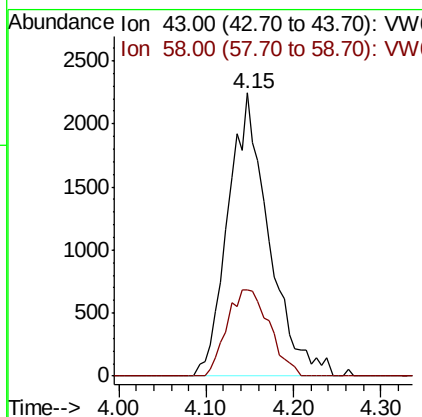
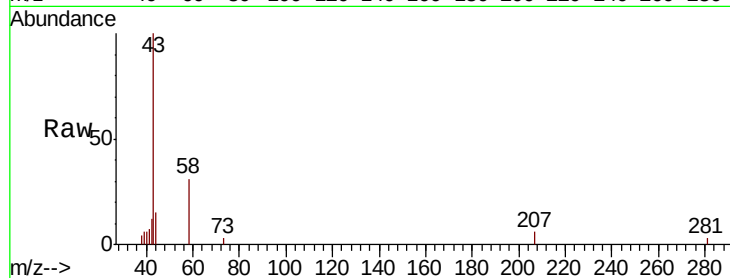




#16
Acetone
Concen: 2.828 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006354.D
Acq: 25 Oct 2018 08:48

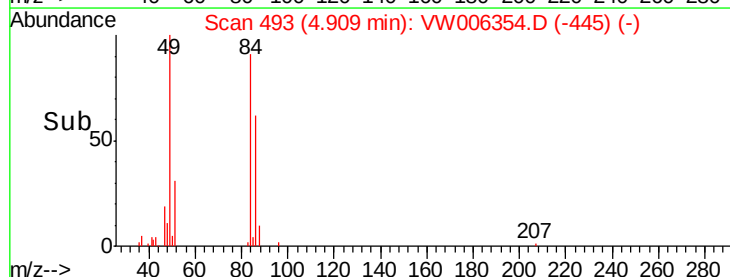
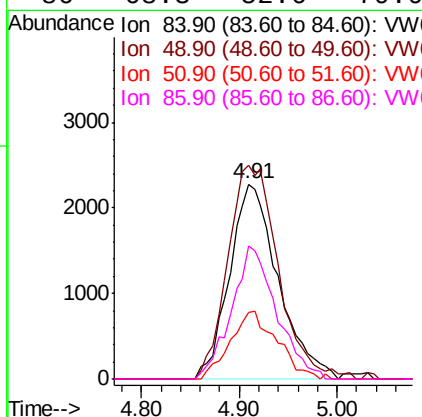
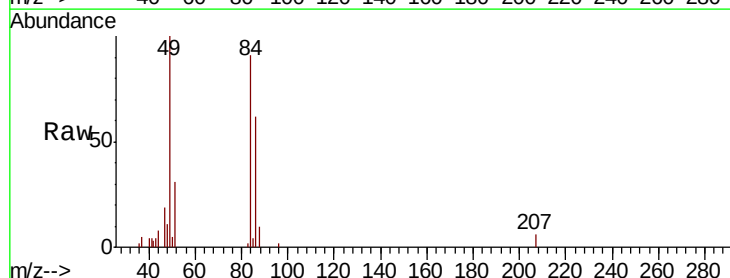
Instrument :
MSVOA_W
ClientSampled :

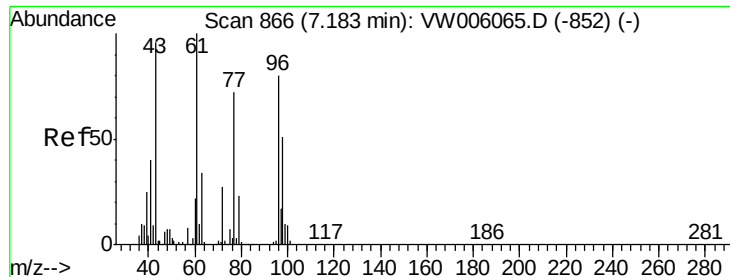
Tot Ion: 43 Resp: 7288
Ion Ratio Lower Upper
43 100
58 30.7 24.0 36.0



#20
Methylene Chloride
Concen: 1.783 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006354.D
Acq: 25 Oct 2018 08:48

Tgt Ion: 84 Resp: 7891
Ion Ratio Lower Upper
84 100
49 109.4 93.6 140.4
51 34.0 29.0 43.4
86 68.3 52.6 79.0





#25

2-Butanone

Concen: 2.648 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006354.D

Acq: 25 Oct 2018 08:48

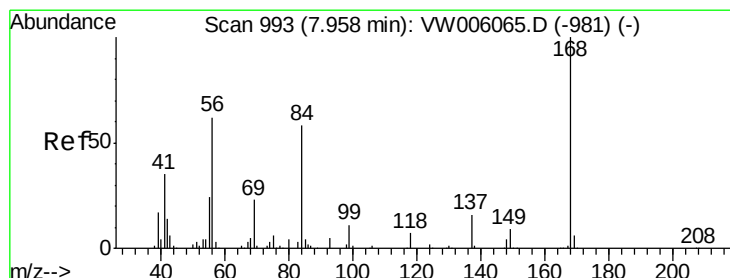
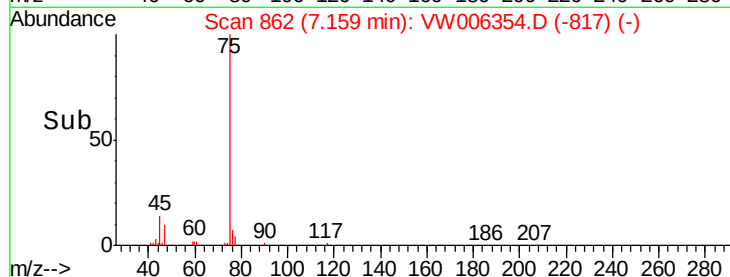
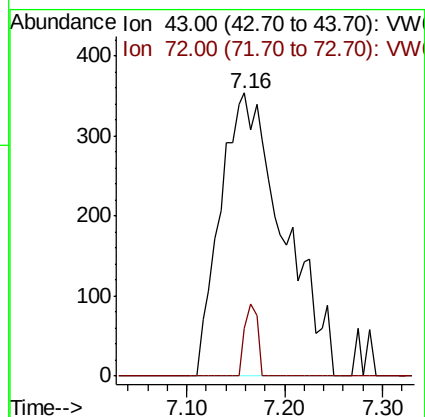
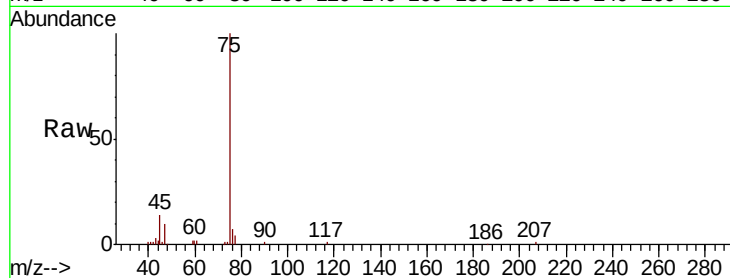
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

72 16.7 22.8 34.2#



#31

Cyclohexane

Concen: 1.136 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006354.D

Acq: 25 Oct 2018 08:48

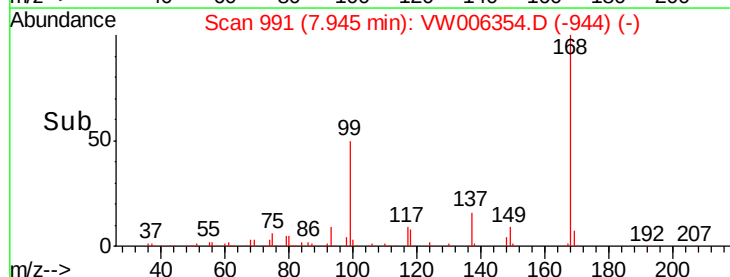
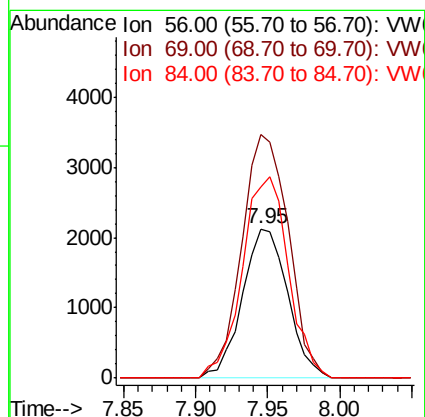
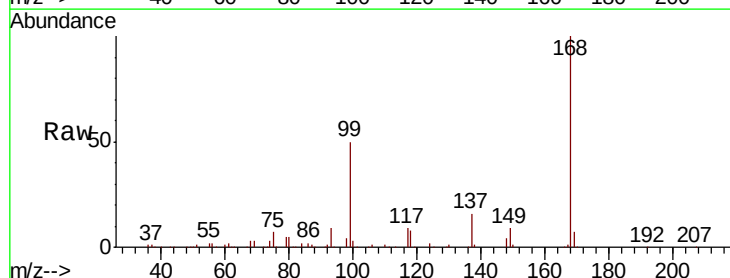
Tgt Ion: 56 Resp: 4625

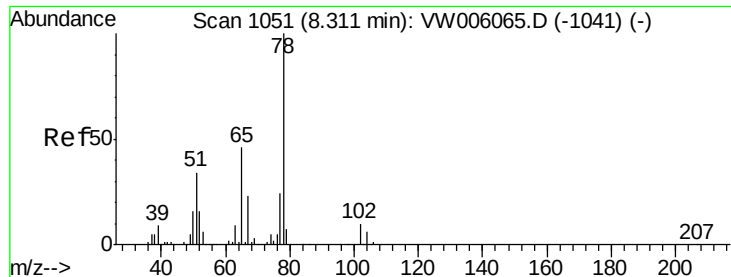
Ion Ratio Lower Upper

56 100

69 163.1 29.4 44.0#

84 128.2 74.0 111.0#

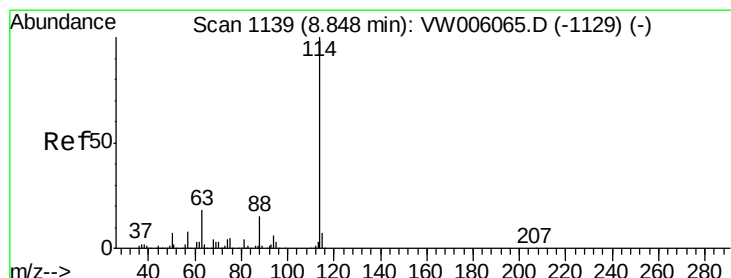
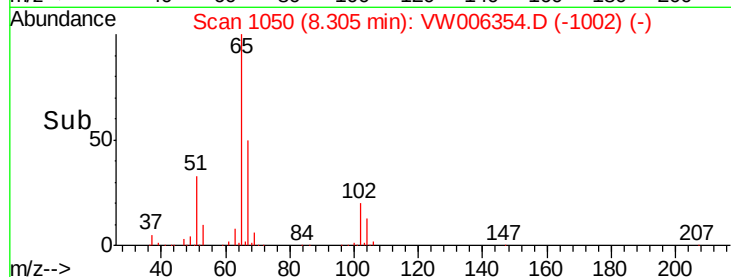
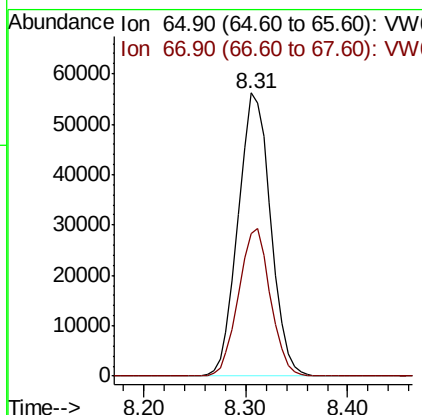
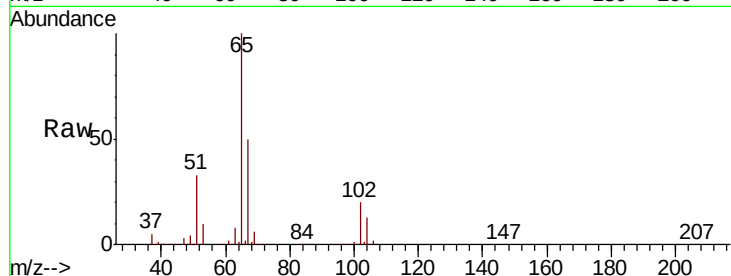




#33
 1,2-Dichloroethane-d4
 Concen: 55.982 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006354.D
 Acq: 25 Oct 2018 08:48

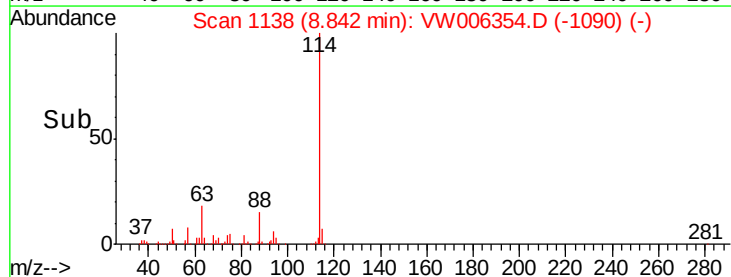
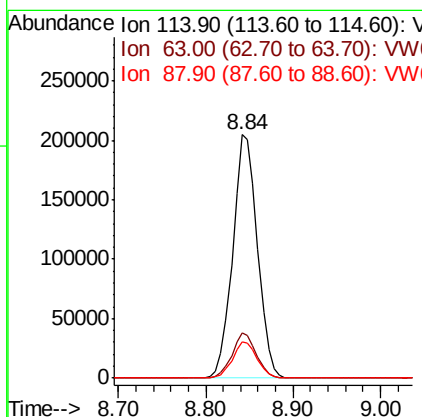
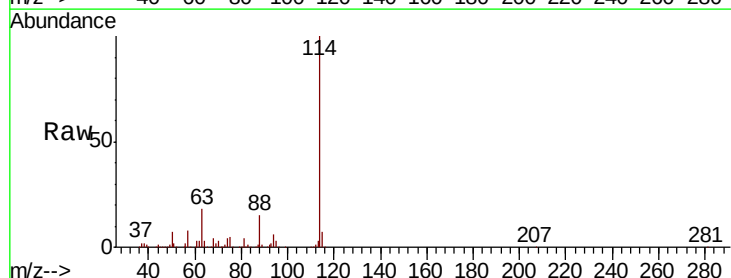
Instrument :
 MSVOA_W
 ClientSampleId :

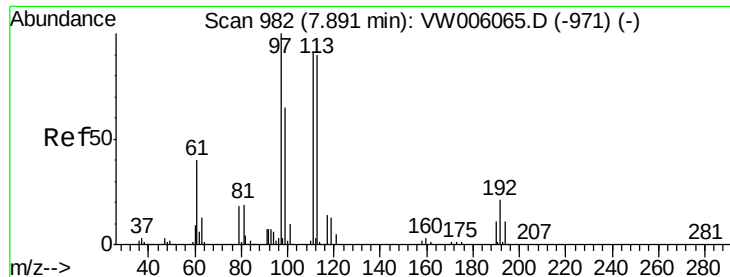
Tot Ion: 65 Resp: 124523
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006354.D
 Acq: 25 Oct 2018 08:48

Tgt Ion: 114 Resp: 402095
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0

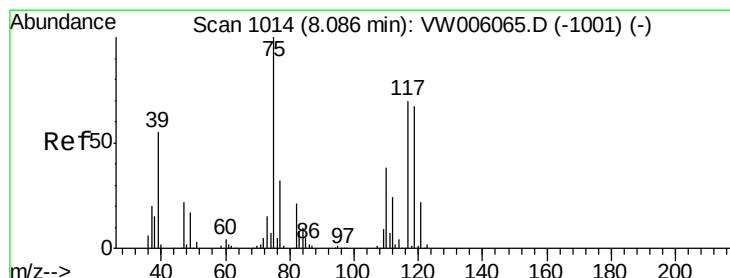
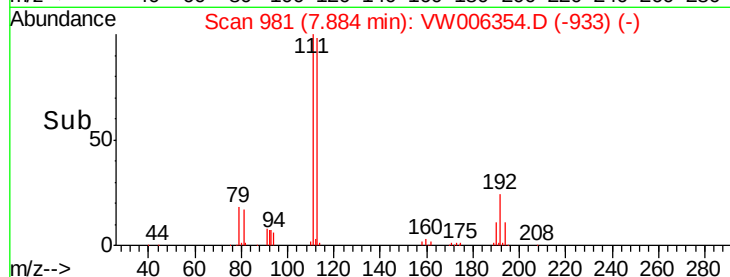
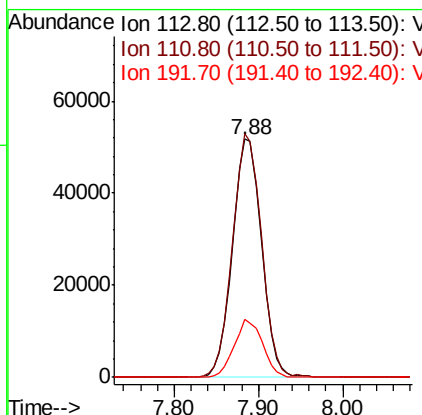
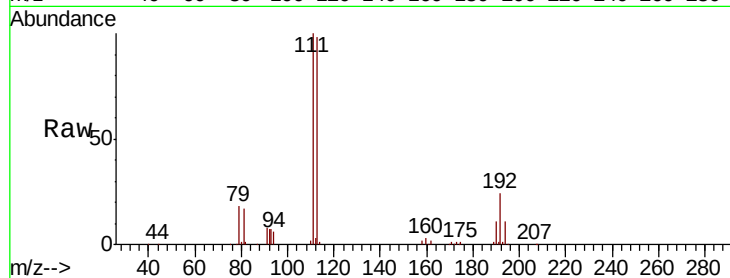




#35
 Dibromofluoromethane
 Concen: 50.821 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006354.D
 Acq: 25 Oct 2018 08:48

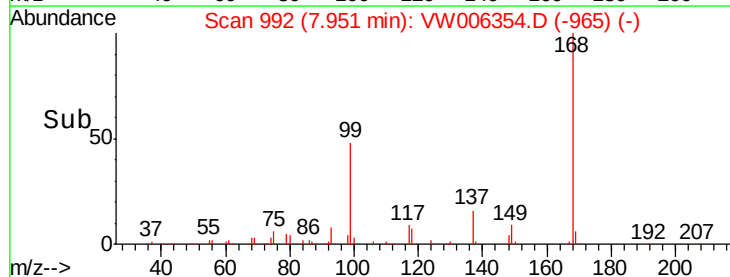
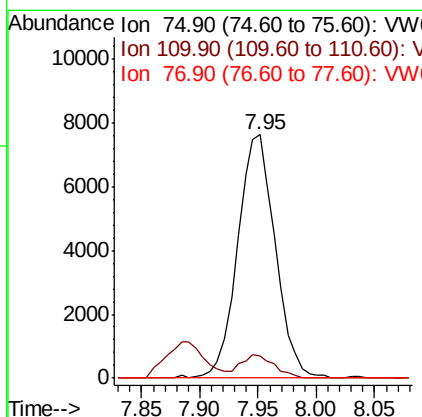
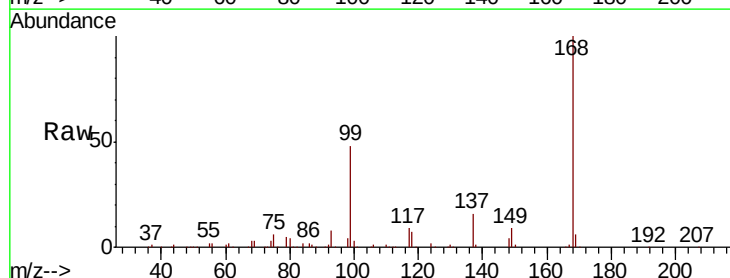
Instrument :
 MSVOA_W
 ClientSampleId :

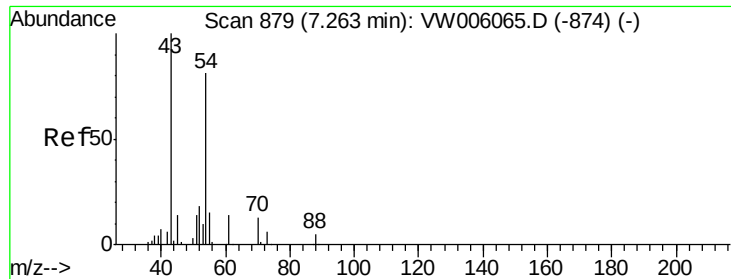
Tot Ion:113 Resp: 120749
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.7 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006354.D
 Acq: 25 Oct 2018 08:48

Tgt Ion: 75 Resp: 17155
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.1 57.1#
 77 0.0 25.0 37.4#

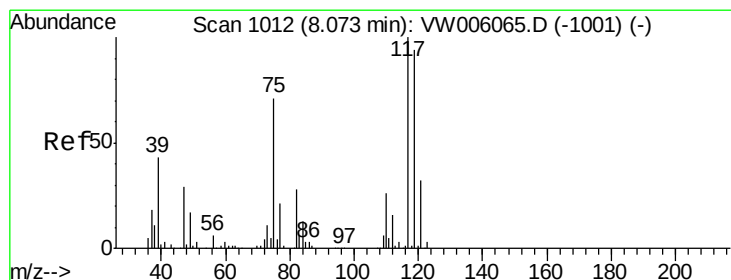
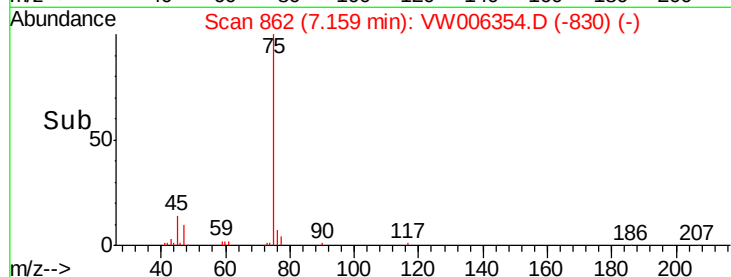
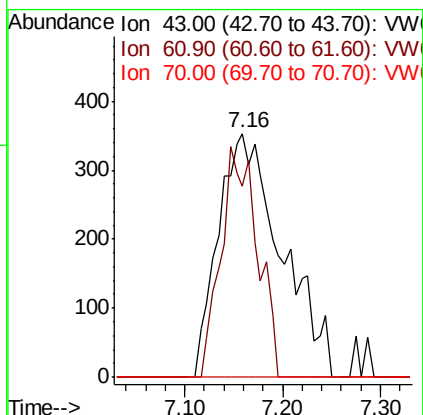
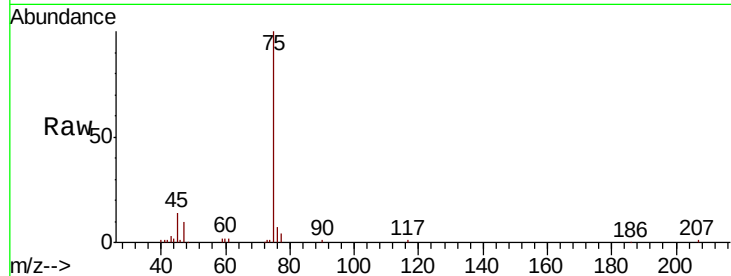




#37
Ethyl Acetate
Concen: 1.155 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.10 min
Lab File: VW006354.D
Acq: 25 Oct 2018 08:48

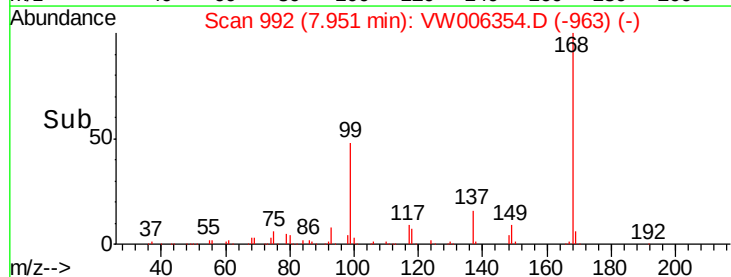
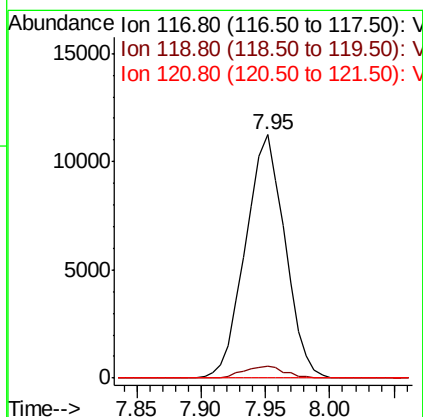
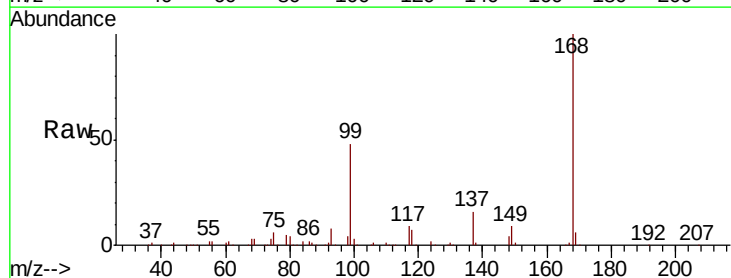
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MSVOA_W
ClientSampleId :

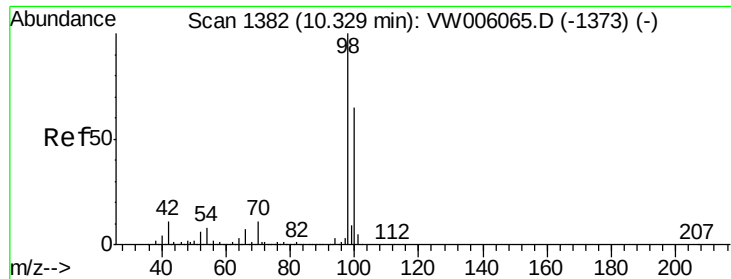
Tot Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
61 53.9 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006354.D
Acq: 25 Oct 2018 08:48

Tgt Ion: 117 Resp: 23900
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.031 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006354.D

Acq: 25 Oct 2018 08:48

Instrument :

MSVOA_W

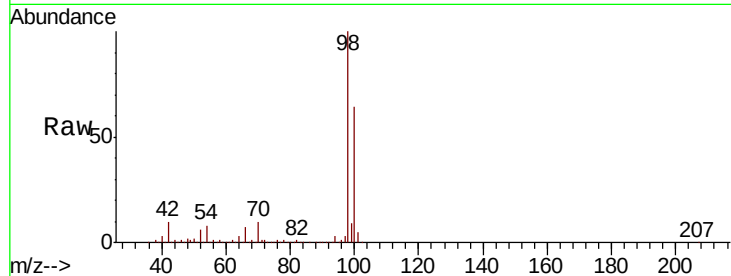
ClientSampled :

Tot Ion: 98 Resp: 434173

Ion Ratio Lower Upper

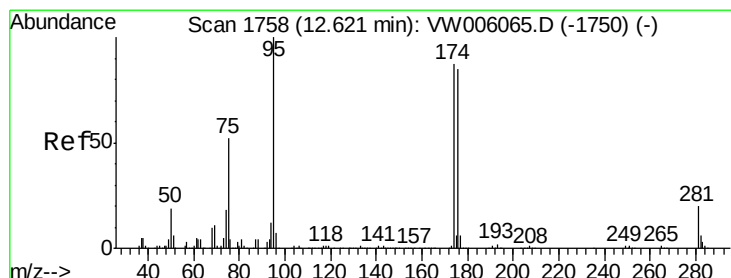
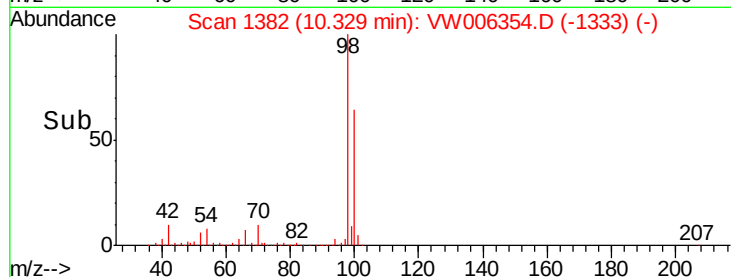
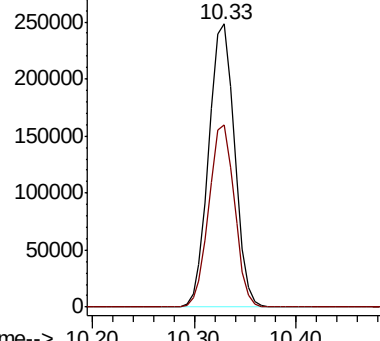
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.735 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006354.D

Acq: 25 Oct 2018 08:48

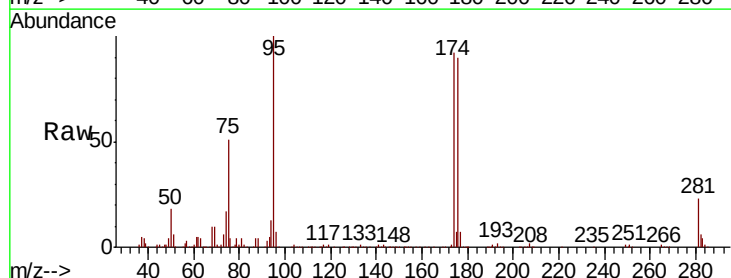
Tgt Ion: 95 Resp: 141694

Ion Ratio Lower Upper

95 100

174 96.1 0.0 186.0

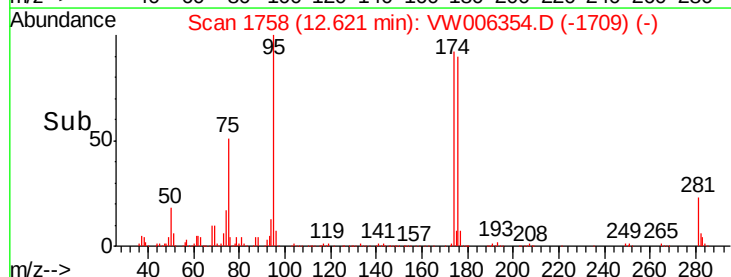
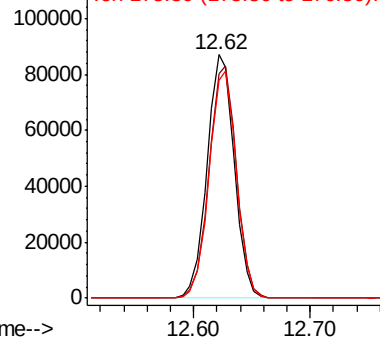
176 93.7 0.0 181.6

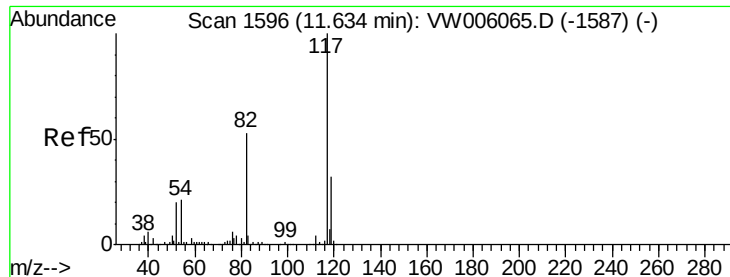


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

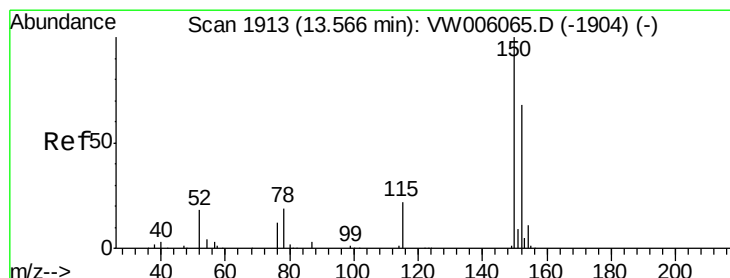
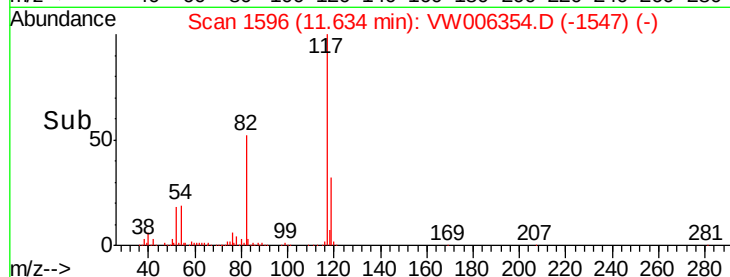
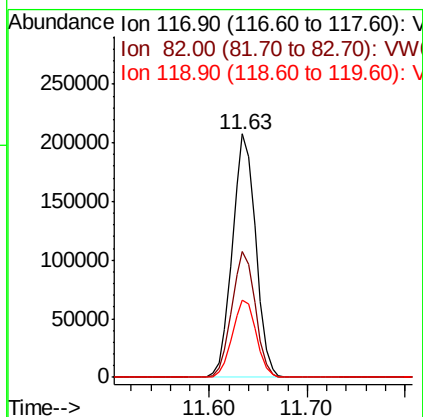
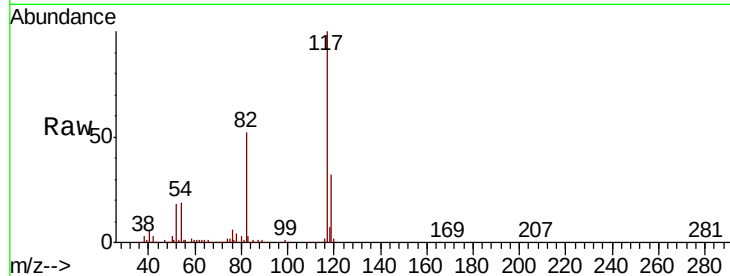




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006354.D
Acq: 25 Oct 2018 08:48

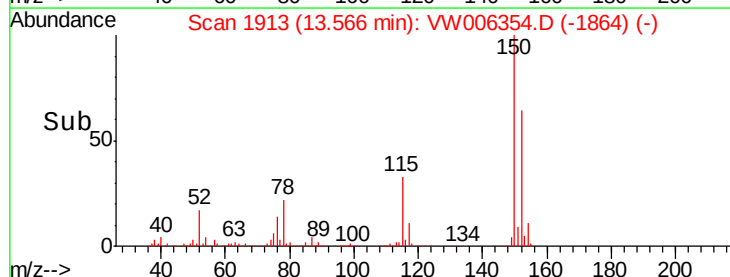
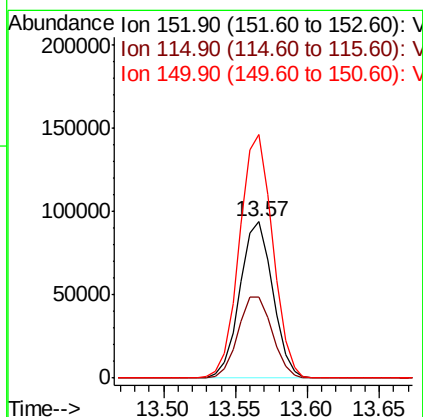
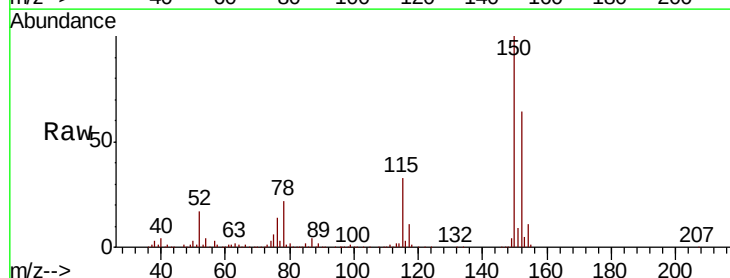
Instrument :
MSVOA_W
ClientSampled :

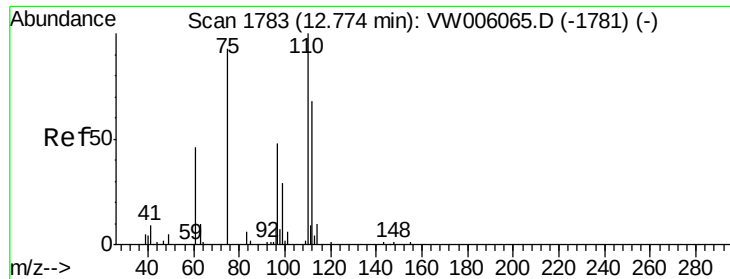
Tot Ion:117 Resp: 343765
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006354.D
Acq: 25 Oct 2018 08:48

Tgt Ion:152 Resp: 149286
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 156.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 63.203 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006354.D

Acq: 25 Oct 2018 08:48

Instrument :

MSVOA_W

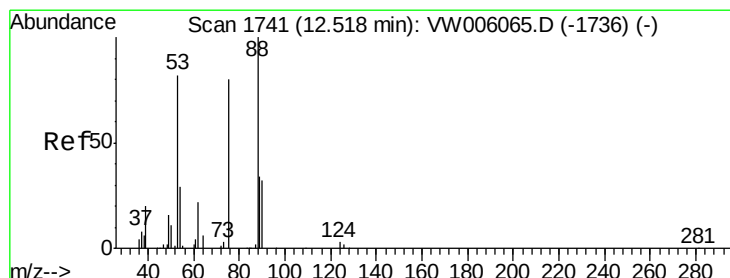
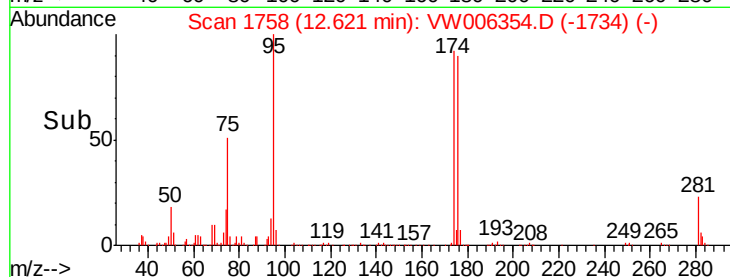
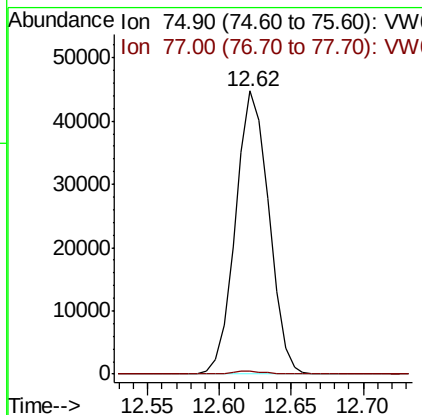
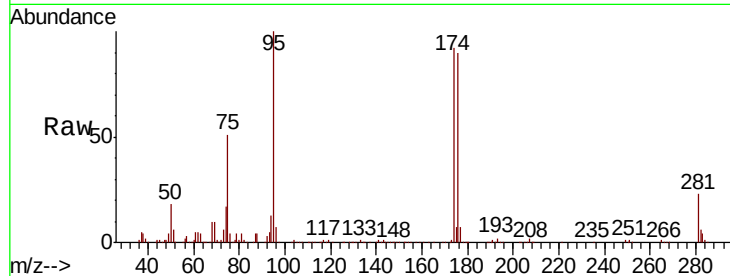
ClientSampled :

Tot Ion: 75 Resp: 72067

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.080 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006354.D

Acq: 25 Oct 2018 08:48

Tgt Ion: 75 Resp: 72067

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

