

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006755.D
 Acq On : 07 Nov 2018 23:26
 Operator : SY/AP
 Sample : J5813-04
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:50:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143325	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	93732	44.19	ug/l	0.00
Spiked Amount	50.000			Recovery	=	88.38%	
35) Dibromofluoromethane		7.88	113	93698	40.71	ug/l	0.00
Spiked Amount	50.000			Recovery	=	81.42%	
50) Toluene-d8		10.33	98	297848	33.99	ug/l	0.00
Spiked Amount	50.000			Recovery	=	67.98%	
62) 4-Bromofluorobenzene		12.62	95	93082	29.30	ug/l	0.00
Spiked Amount	50.000			Recovery	=	58.60%	

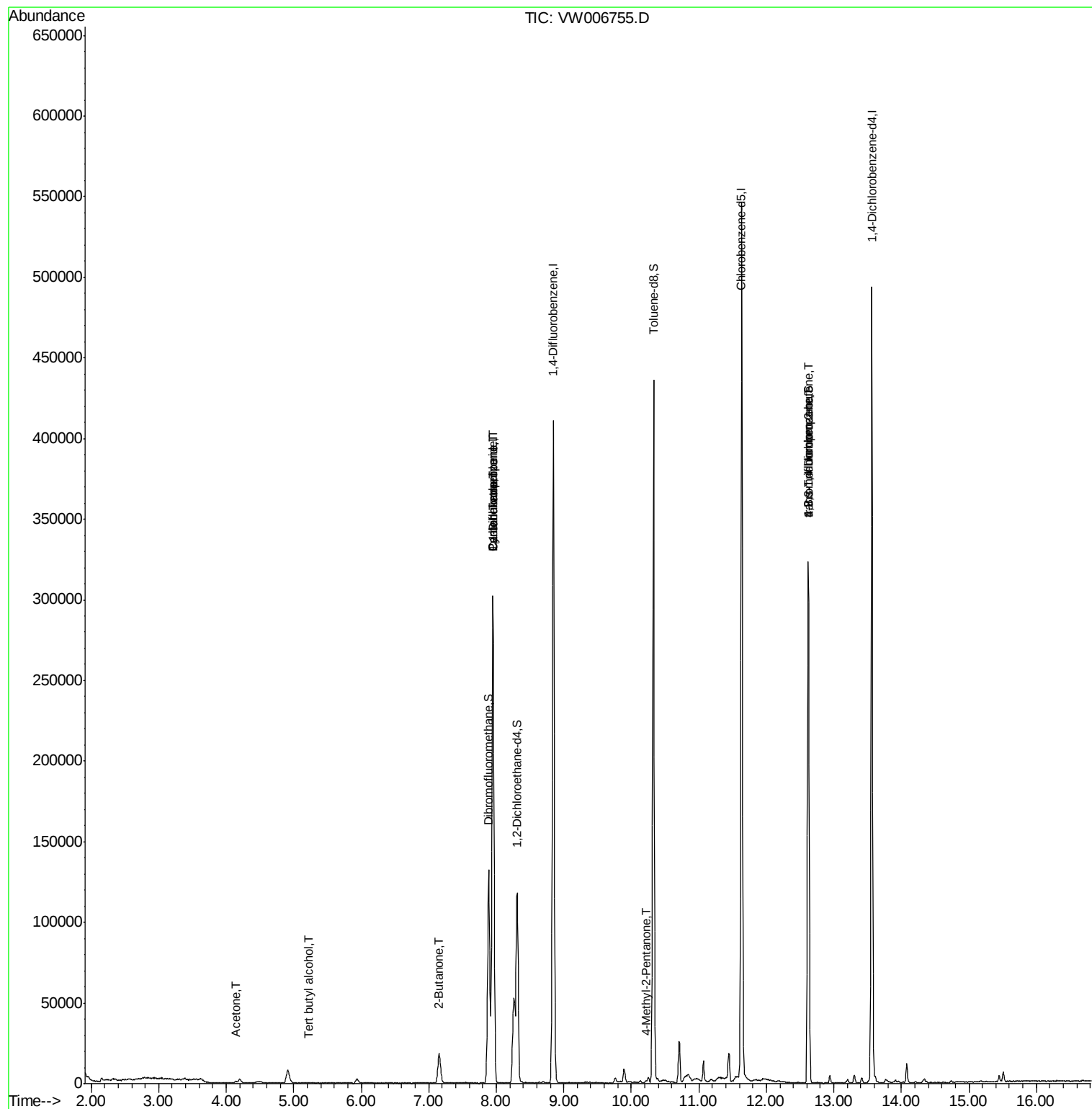
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	294	2.573	ug/l #	84
16) Acetone	4.15	43	1947	5.686	ug/l #	79
20) Methylene Chloride	4.91	84	7143	Below Cal		86
25) 2-Butanone	7.15	43	1158	2.370	ug/l #	46
31) Cyclohexane	7.95	56	4173	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15377	4.767	ug/l #	47
38) Carbon Tetrachloride	7.95	117	21244	6.303	ug/l #	17
51) 4-Methyl-2-Pentanone	10.22	43	1425	1.244	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	45061	40.296	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	45061	101.462	ug/l #	11

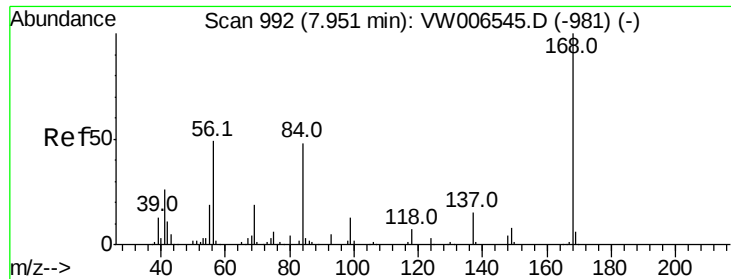
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110718\
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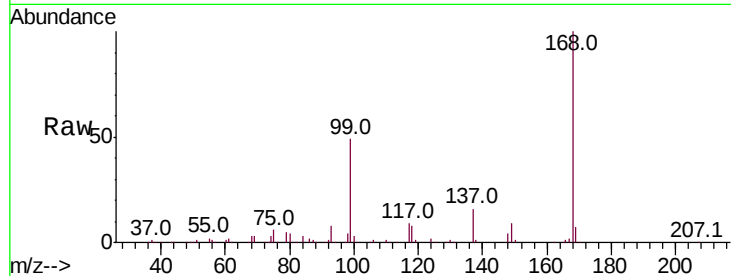


#1

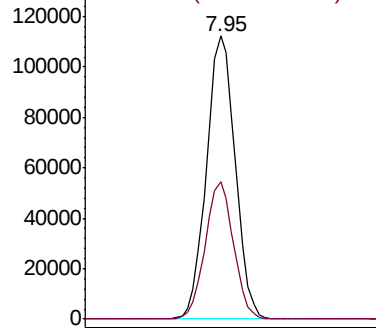
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006755.D
 Acq: 07 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampled :

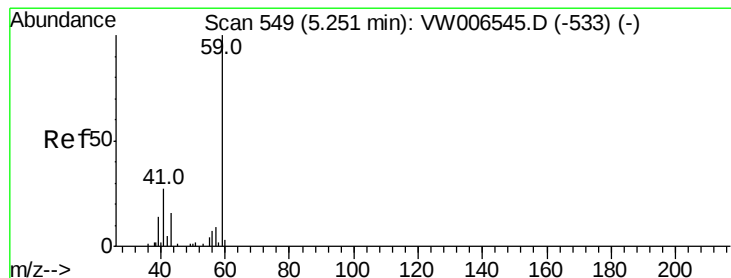
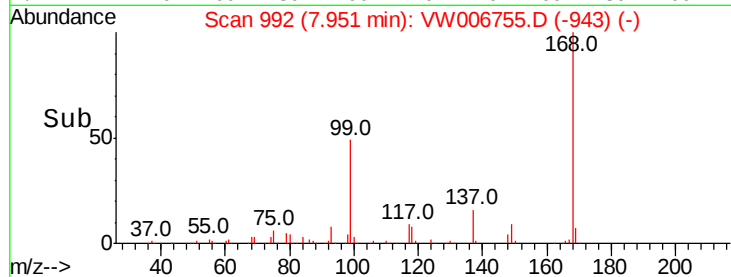
Tot Ion:168 Resp: 246753
 Ion Ratio Lower Upper
 168 100
 99 48.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



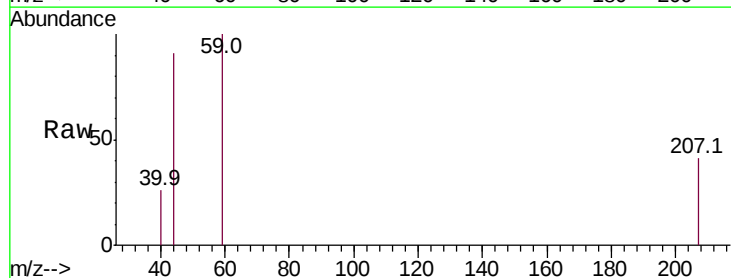
Time-->



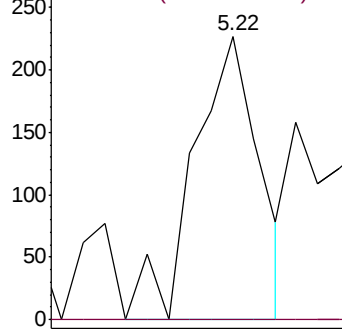
#11

Tert butyl alcohol
 Concen: 2.573 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: VW006755.D
 Acq: 07 Nov 2018 23:26

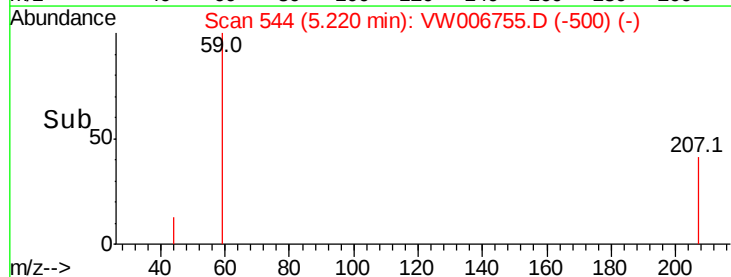
Tgt Ion: 59 Resp: 294
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

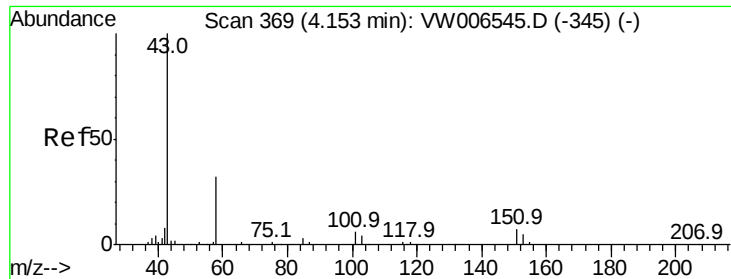


Abundance Ion 59.00 (58.70 to 59.70): VW
 Ion 57.00 (56.70 to 57.70): VW



Time-->

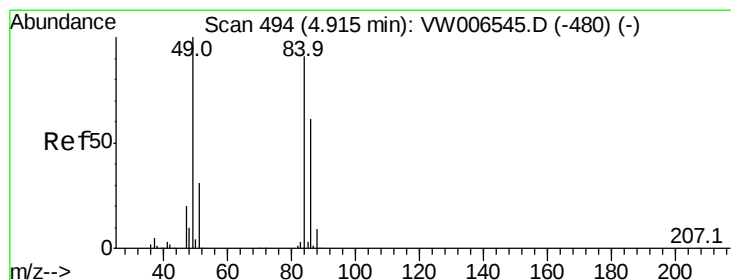
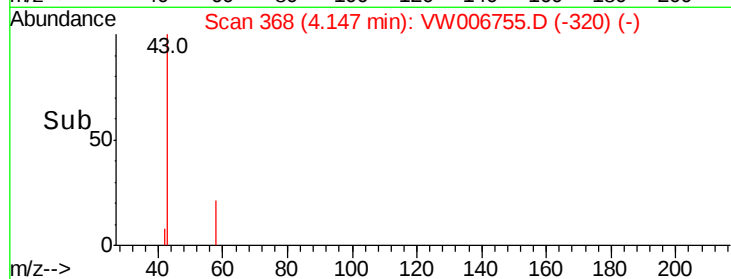
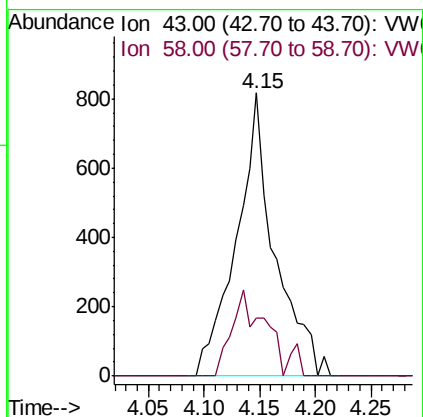
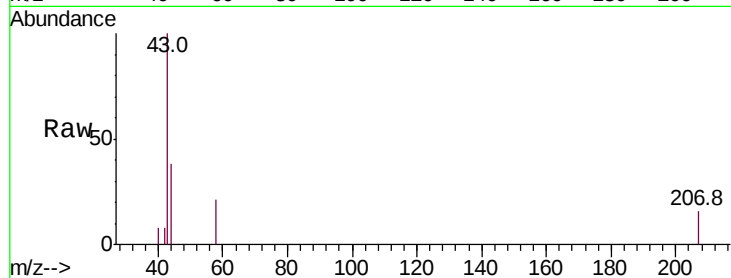




#16
Acetone
Concen: 5.686 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

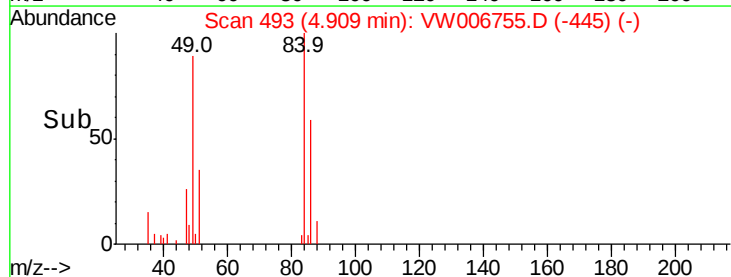
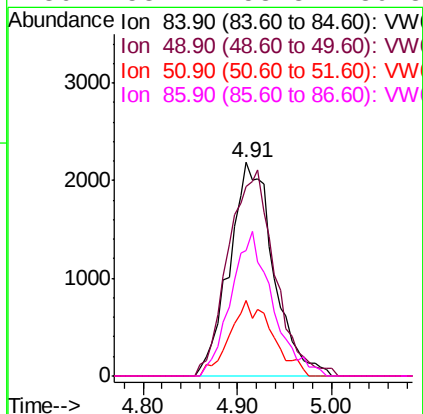
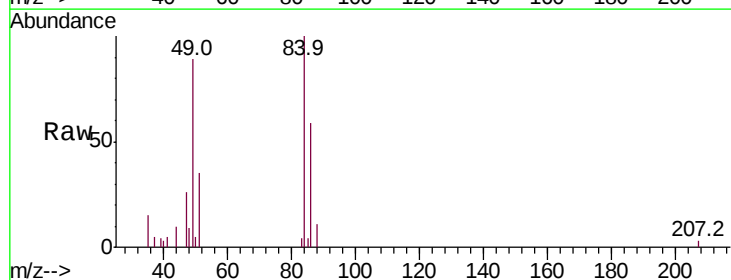
Instrument :
MSVOA_W
ClientSampleId :

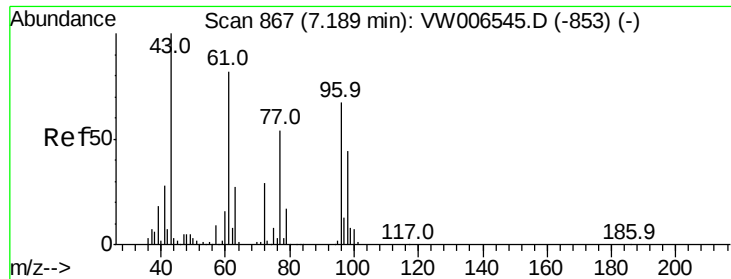
Tot Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 20.6 25.8 38.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

Tgt Ion: 84 Resp: 7143
Ion Ratio Lower Upper
84 100
49 88.7 88.2 132.4
51 35.1 27.0 40.6
86 58.7 53.8 80.8

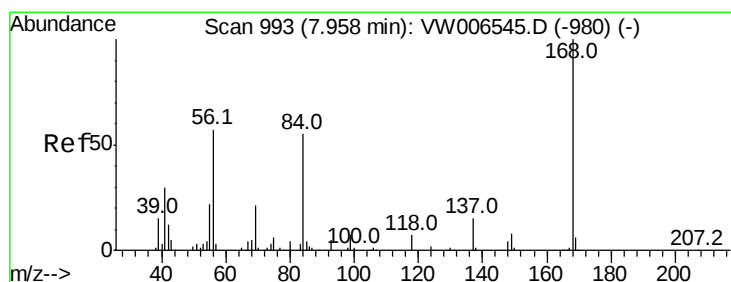
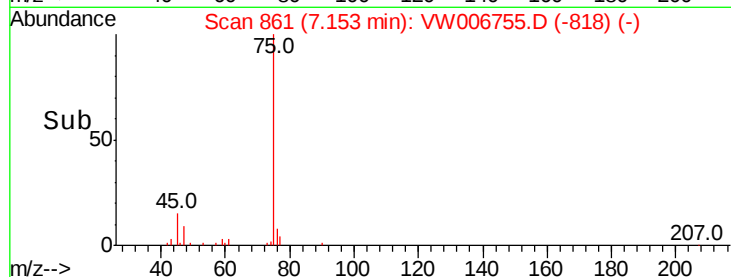
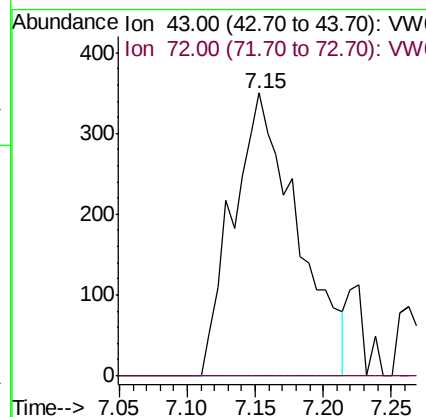
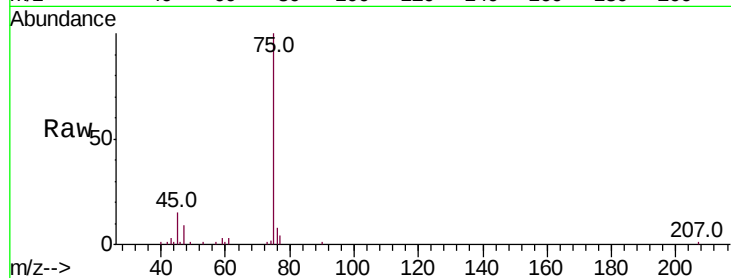




#25
2-Butanone
Concen: 2.370 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.04 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

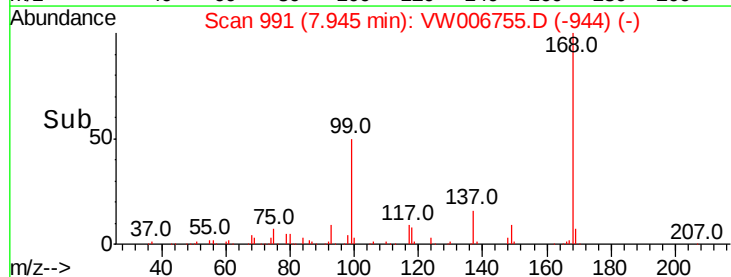
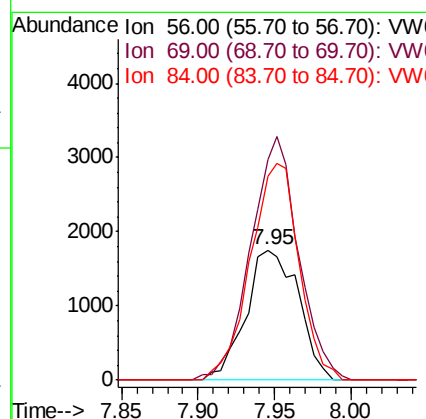
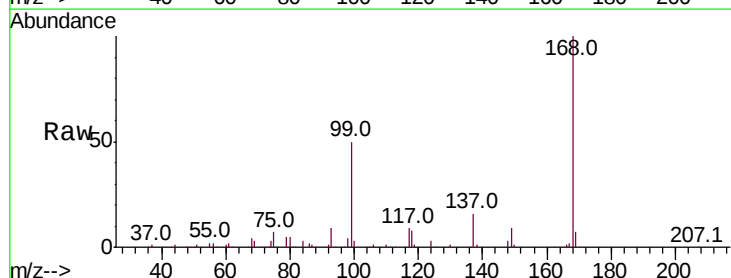
Instrument :
MSVOA_W
ClientSampleId :

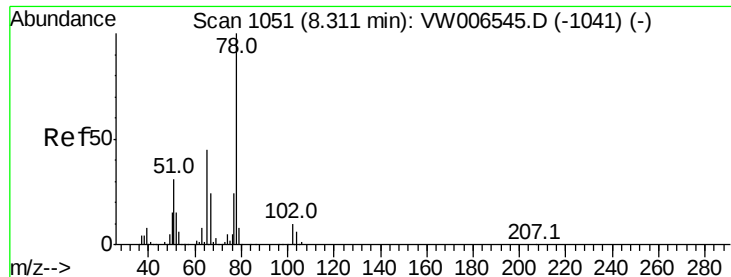
Tot Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

Tgt Ion: 56 Resp: 4173
Ion Ratio Lower Upper
56 100
69 169.3 29.0 43.4#
84 157.2 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 44.191 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006755.D

Acq: 07 Nov 2018 23:26

Instrument :

MSVOA_W

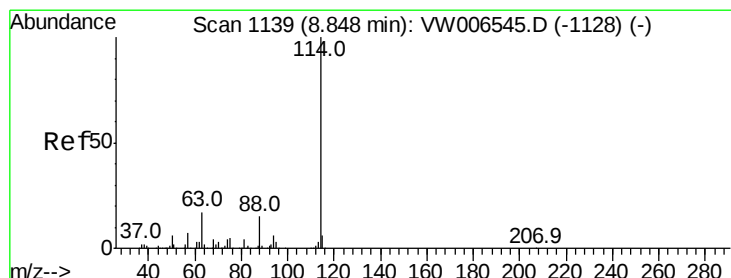
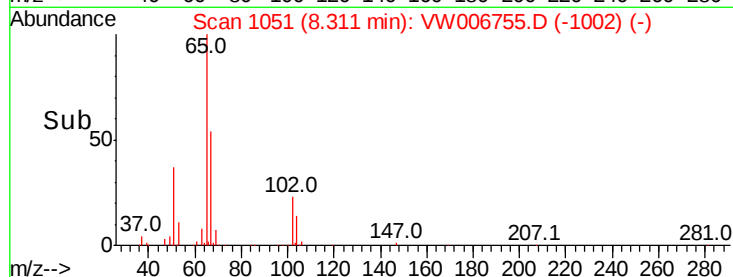
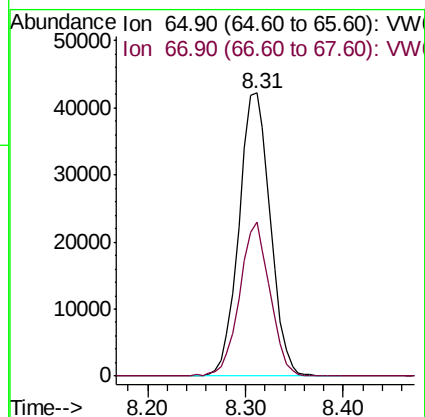
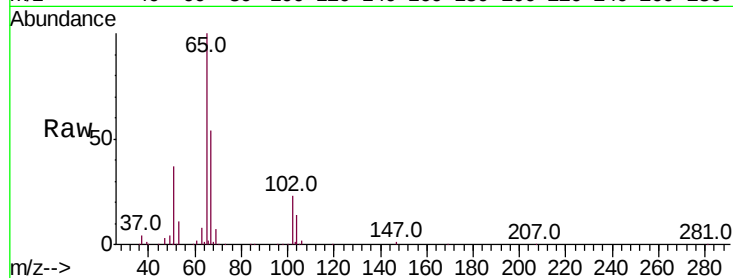
ClientSampleId :

Tot Ion: 65 Resp: 93732

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006755.D

Acq: 07 Nov 2018 23:26

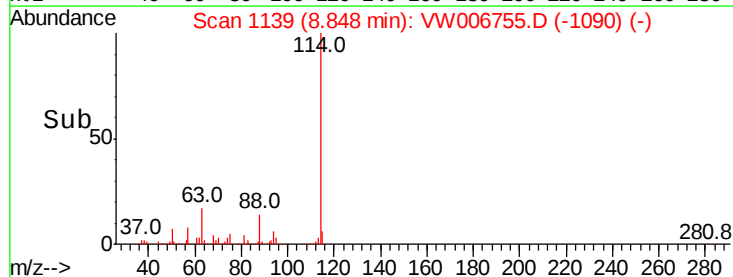
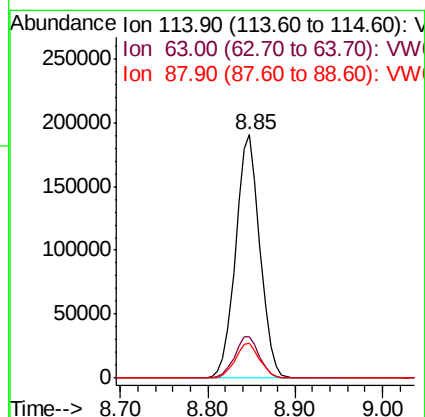
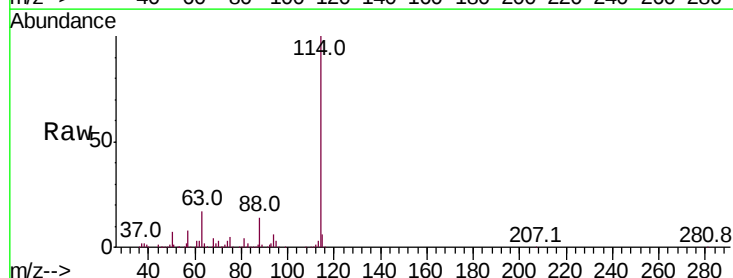
Tgt Ion: 114 Resp: 366773

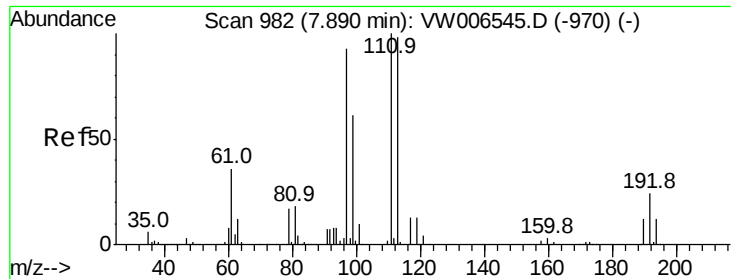
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.5 0.0 29.0

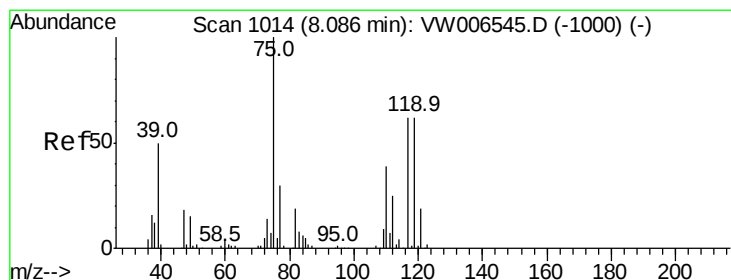
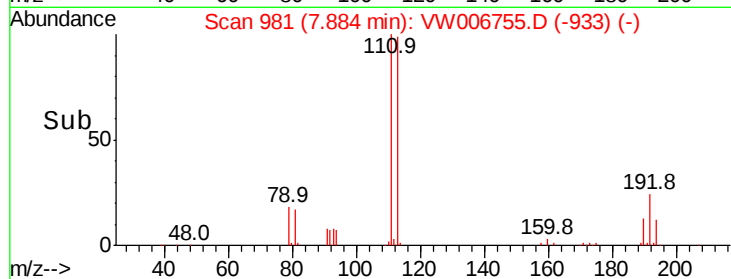
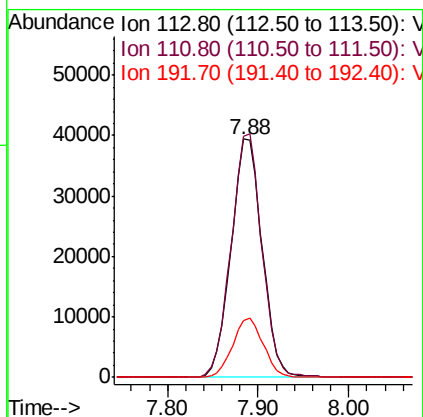
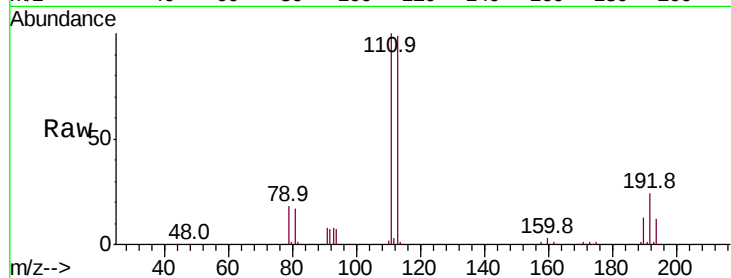




#35
 Dibromofluoromethane
 Concen: 40.707 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006755.D
 Acq: 07 Nov 2018 23:26

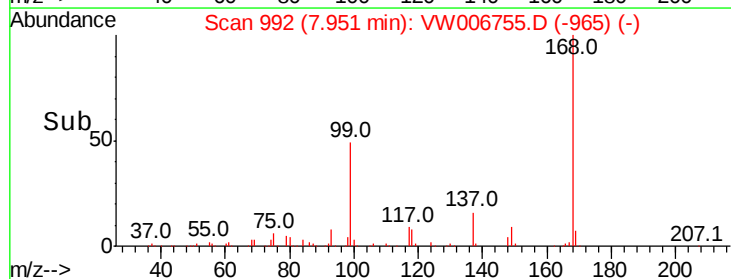
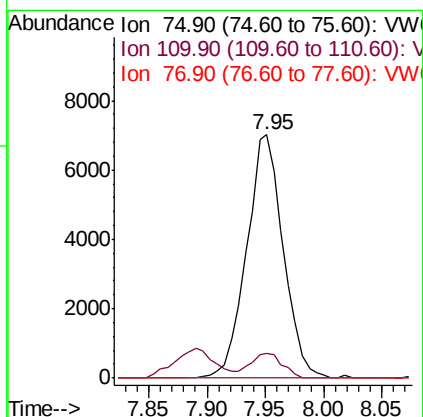
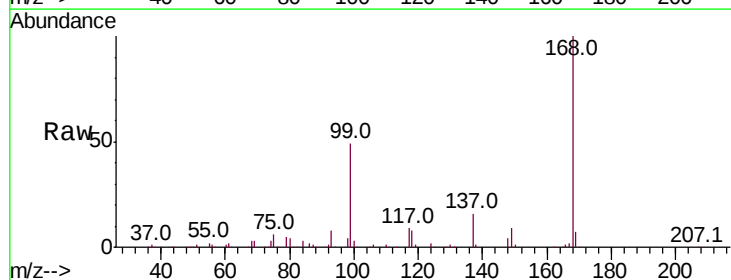
Instrument :
 MSVOA_W
 ClientSampled :

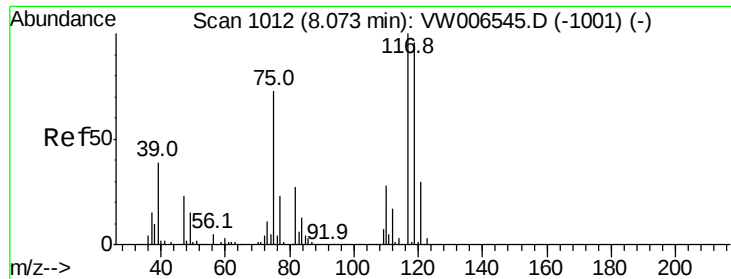
Tot Ion:113 Resp: 93698
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.2
 192 24.2 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006755.D
 Acq: 07 Nov 2018 23:26

Tgt Ion: 75 Resp: 15377
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006755.D

Acq: 07 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

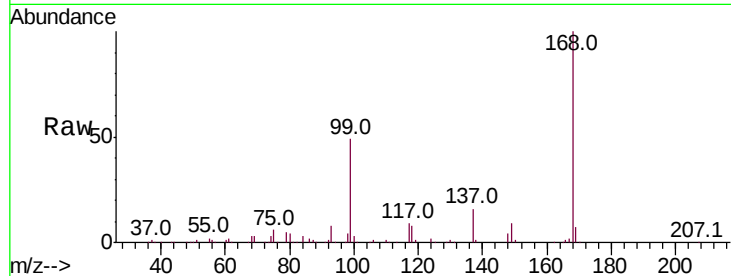
Tot Ion:117 Resp: 21244

Ion Ratio Lower Upper

117 100

119 6.5 76.3 114.5#

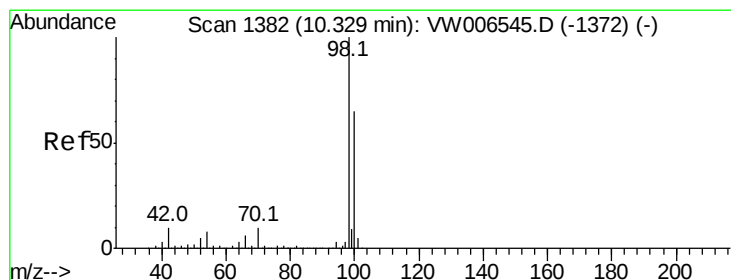
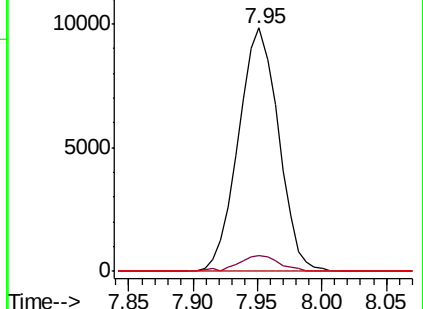
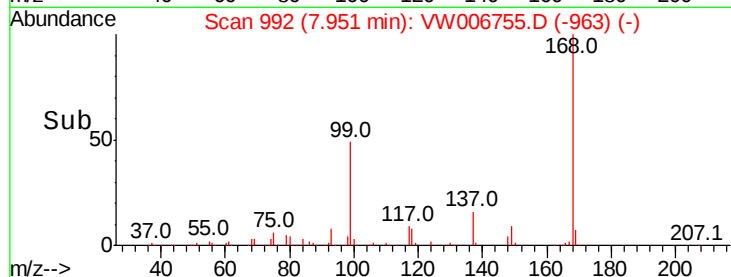
121 0.0 24.1 36.1#



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: 33.991 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006755.D

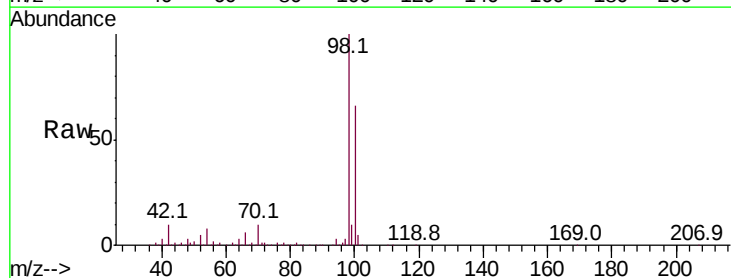
Acq: 07 Nov 2018 23:26

Tgt Ion: 98 Resp: 297848

Ion Ratio Lower Upper

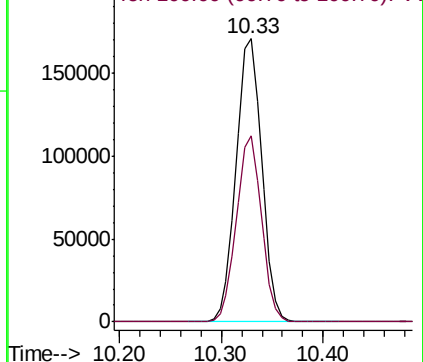
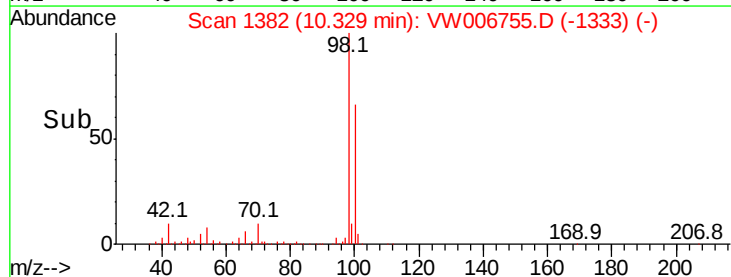
98 100

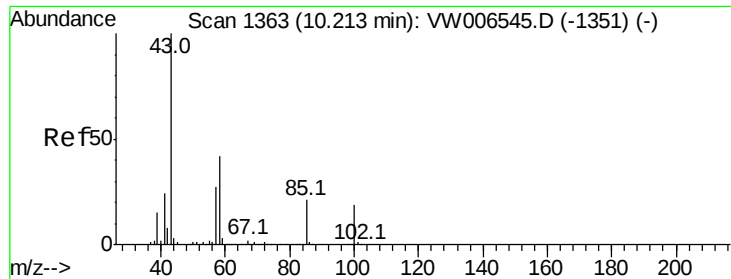
100 64.2 51.6 77.4



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: 1.244 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006755.D

Acq: 07 Nov 2018 23:26

Instrument :

MSVOA_W

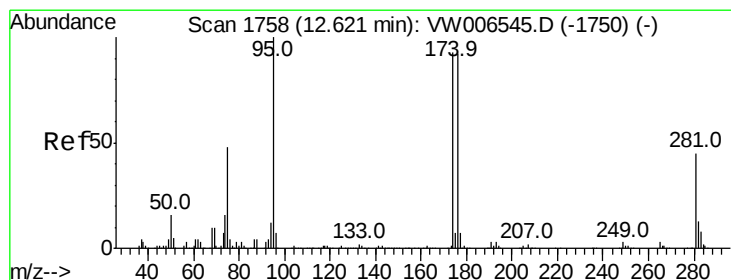
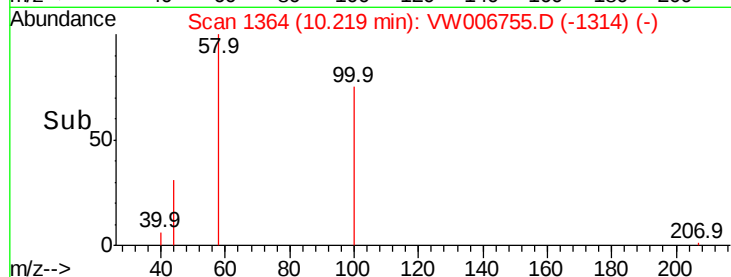
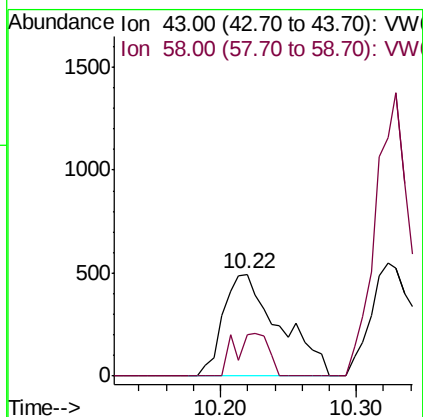
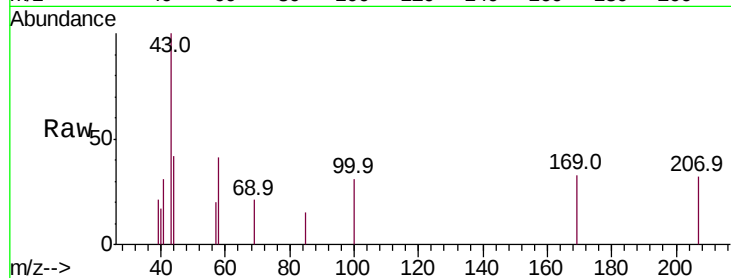
ClientSampled :

Tot Ion: 43 Resp: 1425

Ion Ratio Lower Upper

43 100

58 25.3 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 29.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006755.D

Acq: 07 Nov 2018 23:26

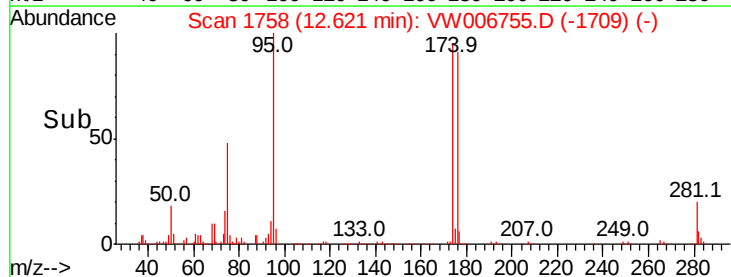
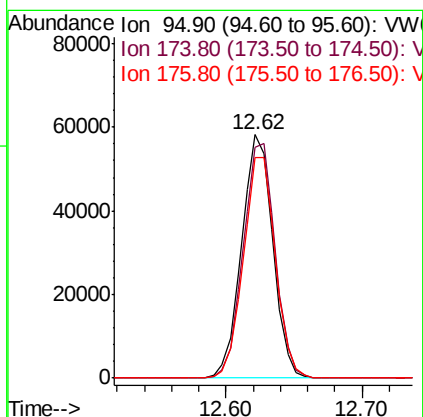
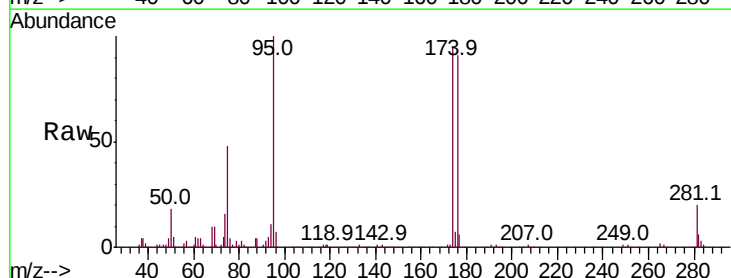
Tgt Ion: 95 Resp: 93082

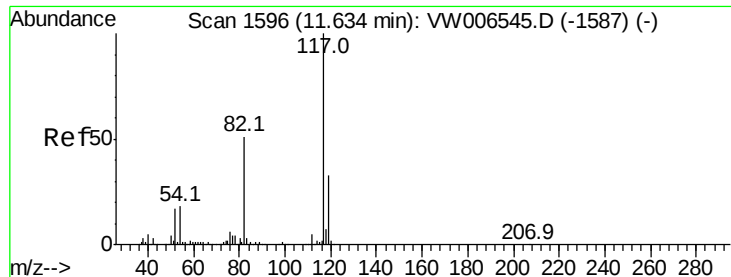
Ion Ratio Lower Upper

95 100

174 99.0 0.0 192.4

176 93.4 0.0 187.4

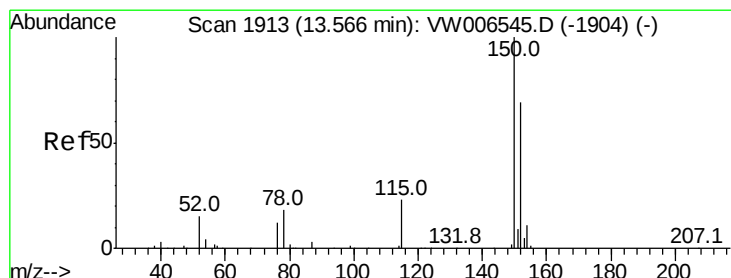
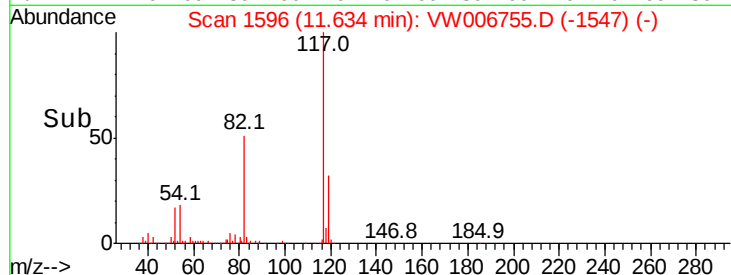
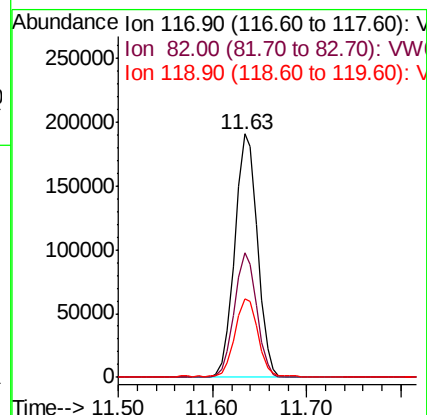
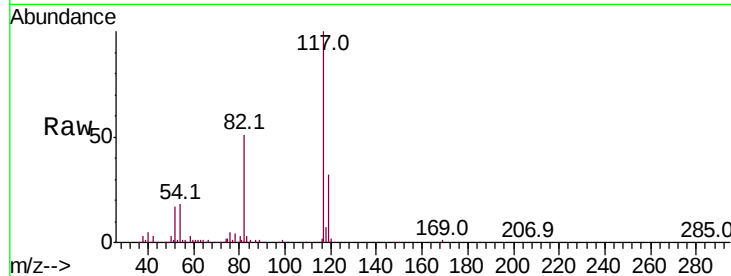




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

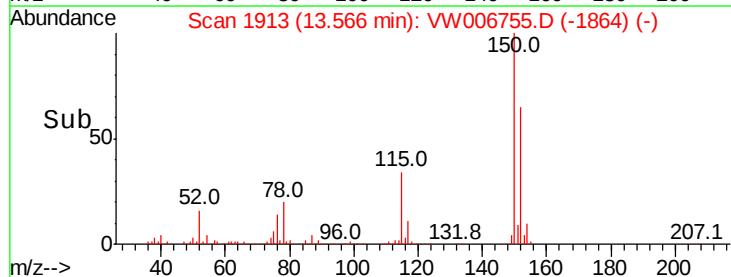
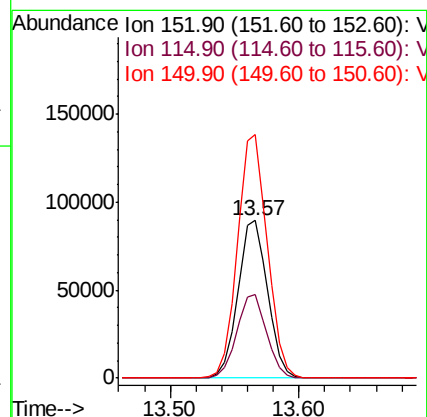
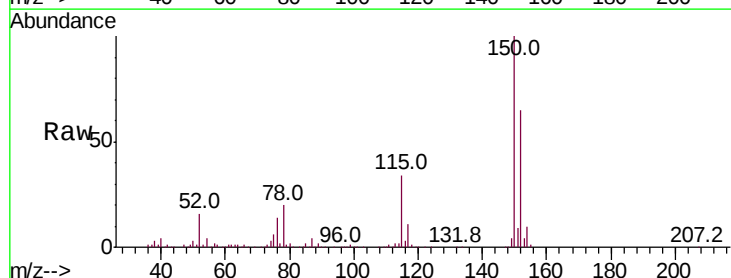
Instrument :
MSVOA_W
ClientSampled :

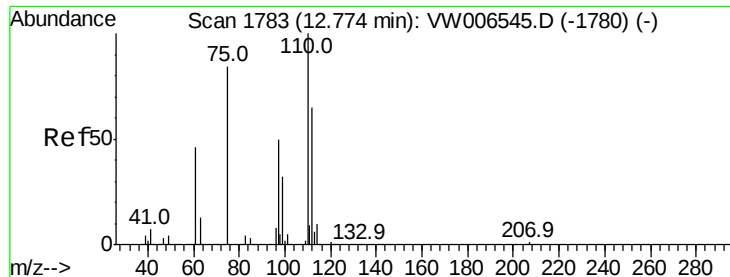
Tot Ion:117 Resp: 319181
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

Tgt Ion:152 Resp: 143325
Ion Ratio Lower Upper
152 100
115 53.0 26.6 79.8
150 154.9 0.0 344.6



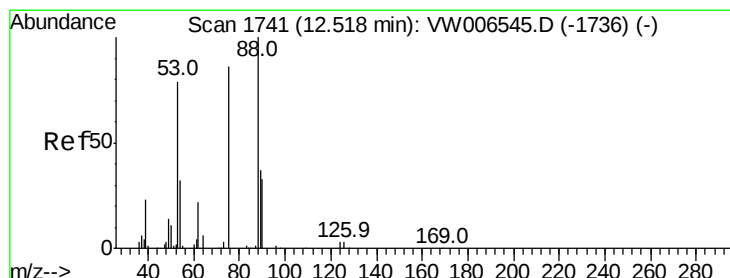
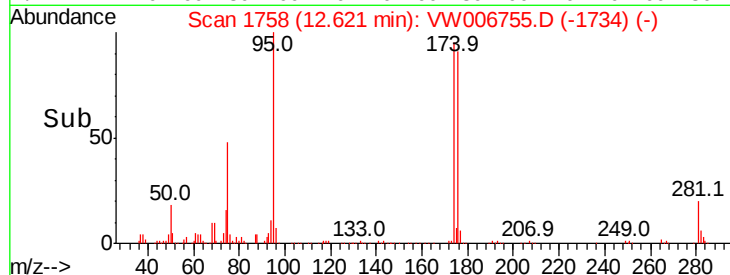
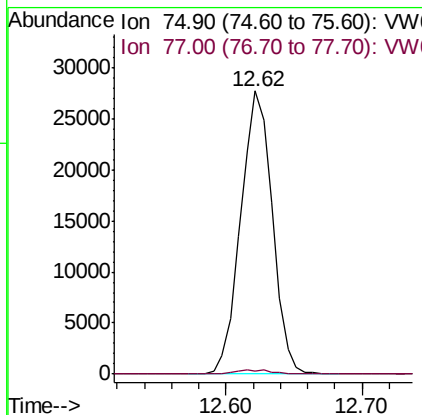
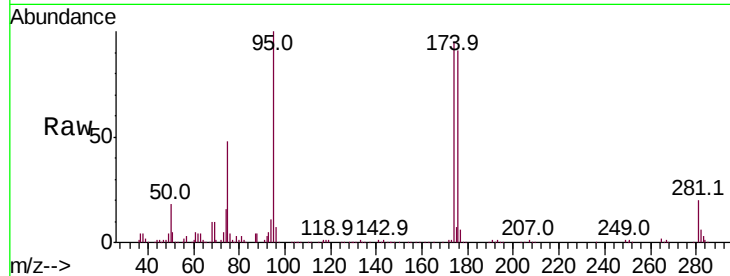


#76

1,2,3-Trichloropropane
Concen: 40.296 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 45061
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 101.462 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006755.D
Acq: 07 Nov 2018 23:26

Tgt Ion: 75 Resp: 45061
Ion Ratio Lower Upper
75 100
53 0.2 77.2 115.8#
89 0.0 38.6 58.0#

