

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006686.D
 Acq On : 06 Nov 2018 15:16
 Operator : SY/AP
 Sample : J5769-02
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-1

Quant Time: Nov 06 15:54:24 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

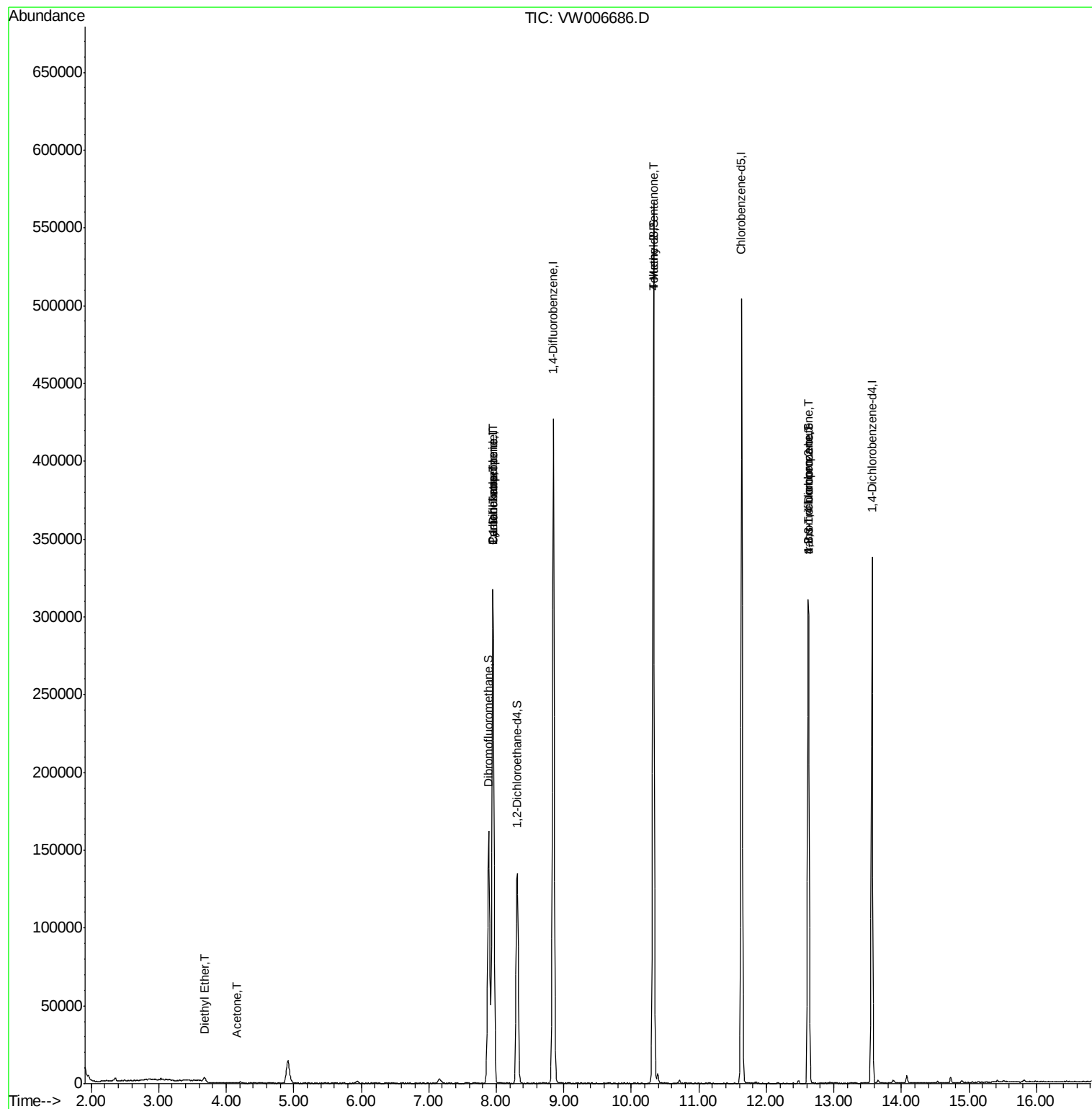
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	382156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109089	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.89	113	114278	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.33	98	384040	42.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.12%	
62) 4-Bromofluorobenzene	12.62	95	96761	29.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.46%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.69	74	1914	1.704	ug/l	81
16) Acetone	4.15	43	766	2.125	ug/l #	82
20) Methylene Chloride	4.92	84	13375	Below Cal		89
31) Cyclohexane	7.95	56	4326	1.216	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15878	4.725	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22350	6.365	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1388	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	47115	62.766	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47115	156.558	ug/l #	11

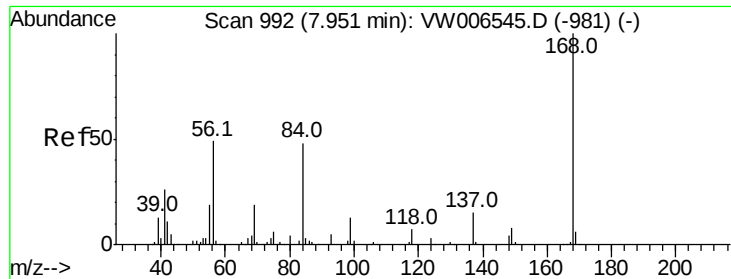
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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QLast Update : Thu Nov 01 03:48:08 2018
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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: VW006686.D

Acq: 06 Nov 2018 15:16

Instrument :

MSVOA_W

ClientSampleId :

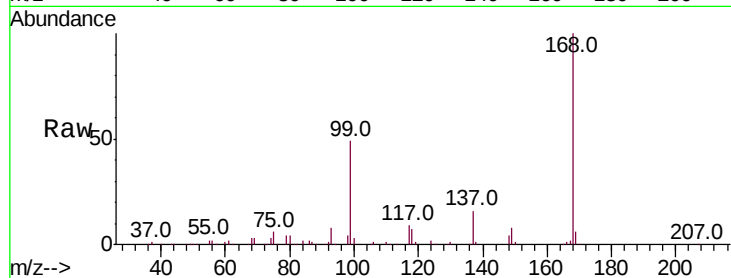
WAGARAW-RD-1

Tot Ion:168 Resp: 259774

Ion Ratio Lower Upper

168 100

99 48.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

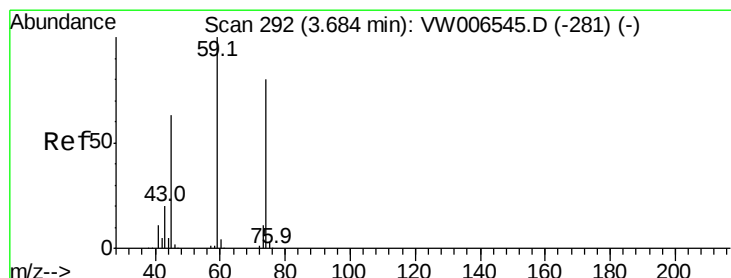
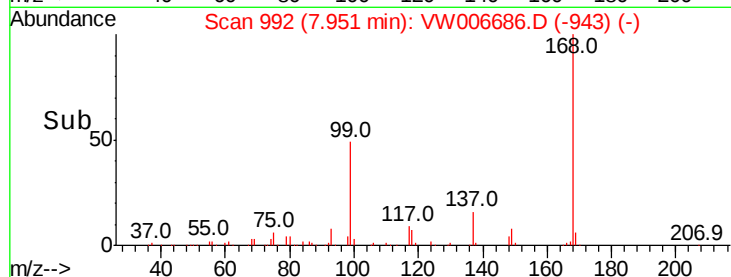
100000

50000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.704 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006686.D

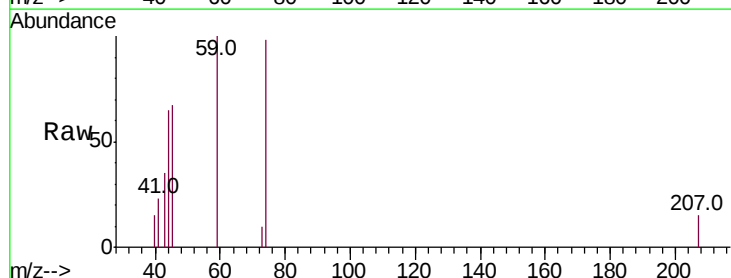
Acq: 06 Nov 2018 15:16

Tgt Ion: 74 Resp: 1914

Ion Ratio Lower Upper

74 100

45 99.5 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

1000

800

600

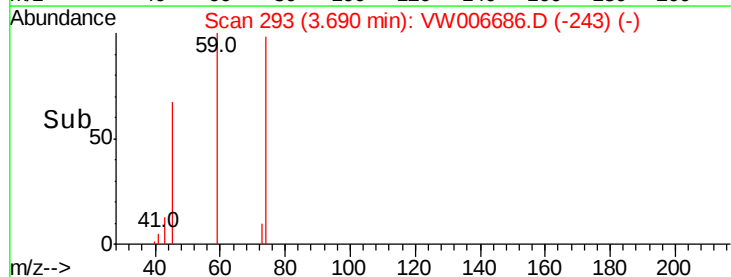
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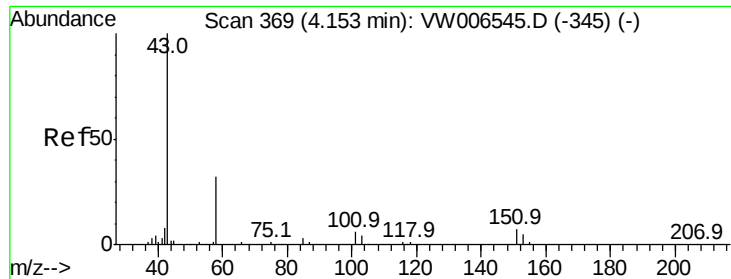
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0

Time-->

3.60 3.65 3.70 3.75

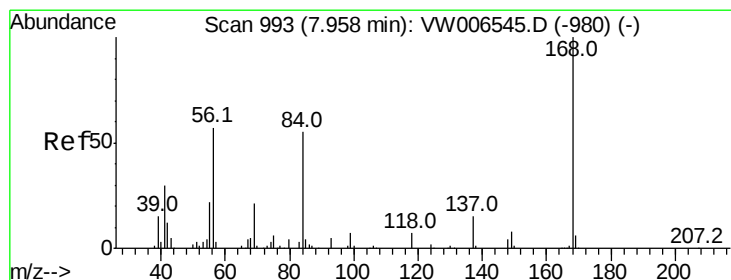
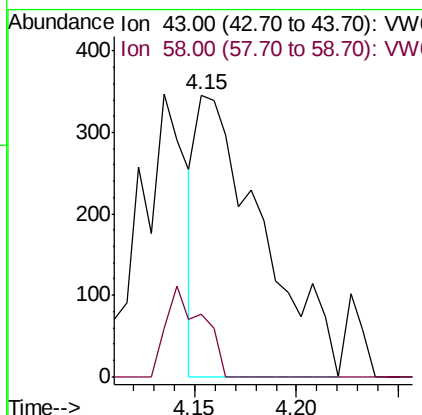
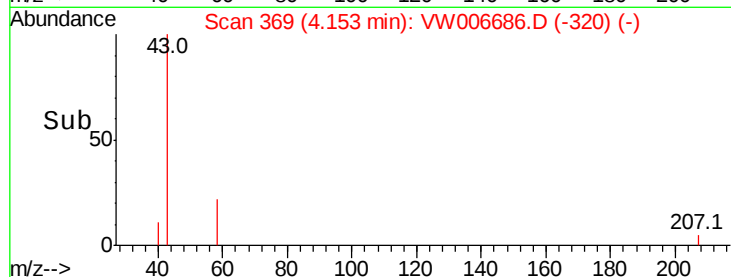
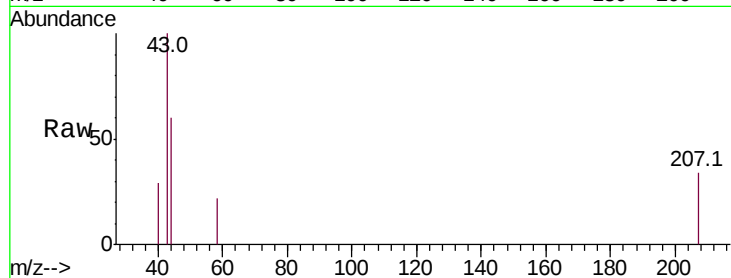




#16
Acetone
Concen: 2.125 ug/l
RT: 4.15 min Scan# 369
Delta R.T. -0.00 min
Lab File: VW006686.D
Acq: 06 Nov 2018 15:16

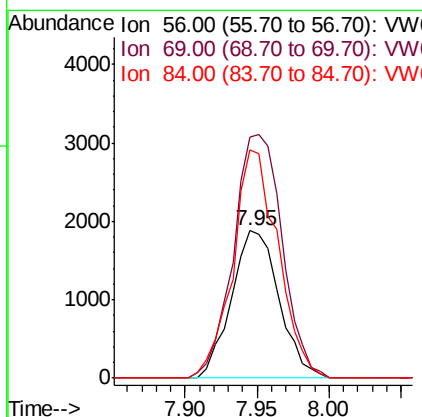
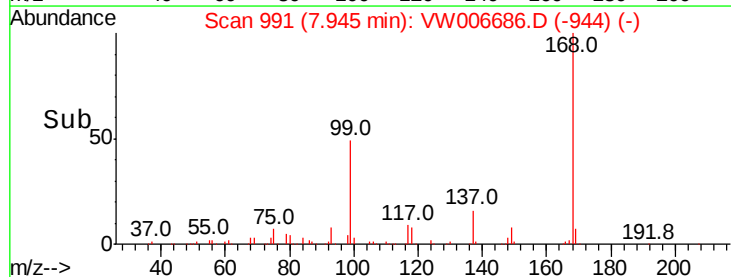
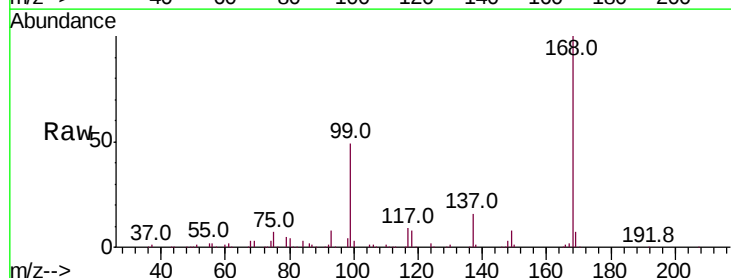
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-1

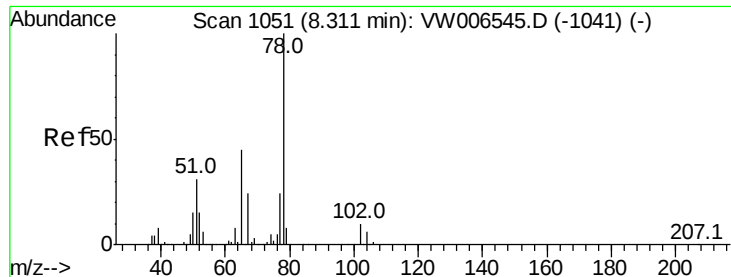
Tot Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 22.3 25.8 38.8#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006686.D
Acq: 06 Nov 2018 15:16

Tgt Ion: 56 Resp: 4326
Ion Ratio Lower Upper
56 100
69 163.5 29.0 43.4#
84 154.7 77.8 116.6#

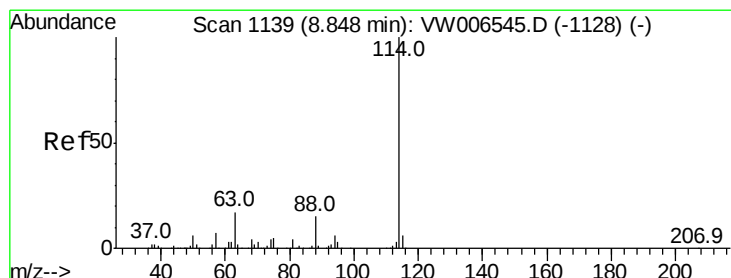
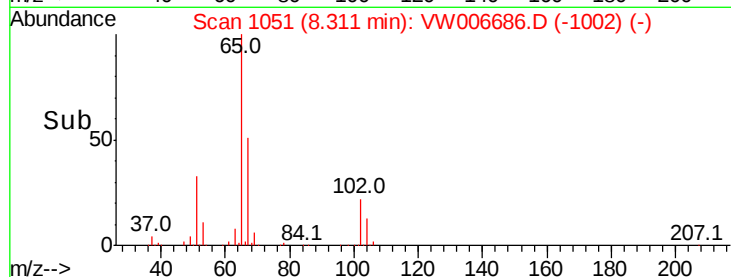
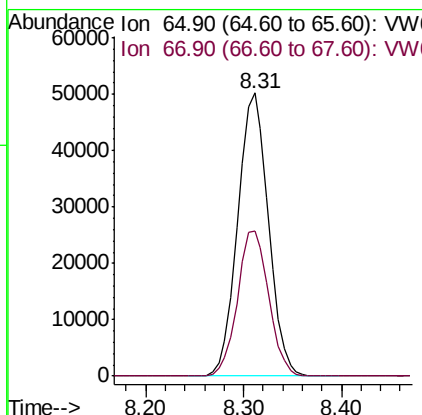
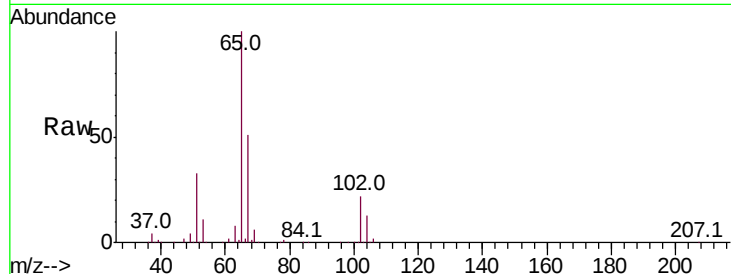




#33
 1,2-Dichloroethane-d4
 Concen: 48.853 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006686.D
 Acq: 06 Nov 2018 15:16

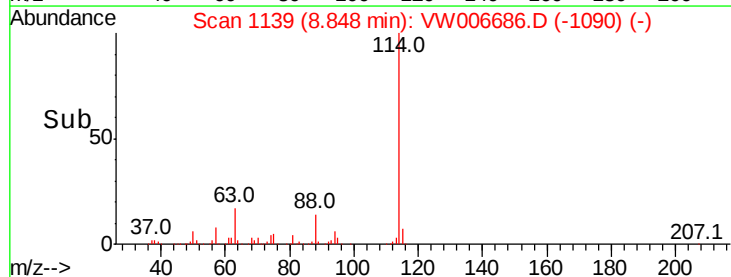
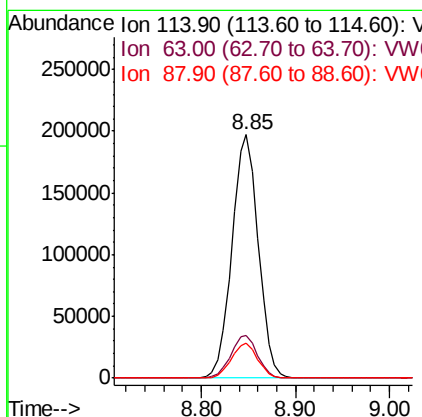
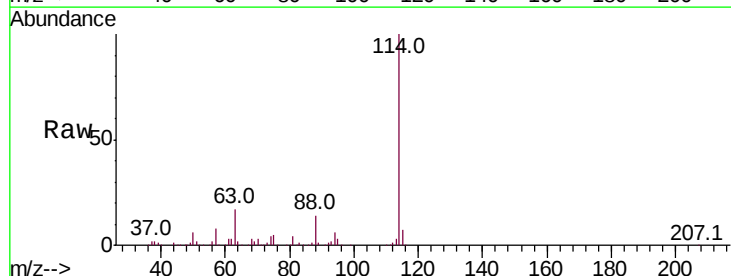
Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-1

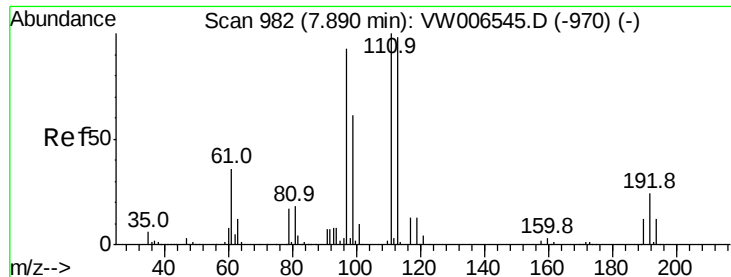
Tot Ion: 65 Resp: 109089
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006686.D
 Acq: 06 Nov 2018 15:16

Tgt Ion: 114 Resp: 382156
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.3 0.0 29.0

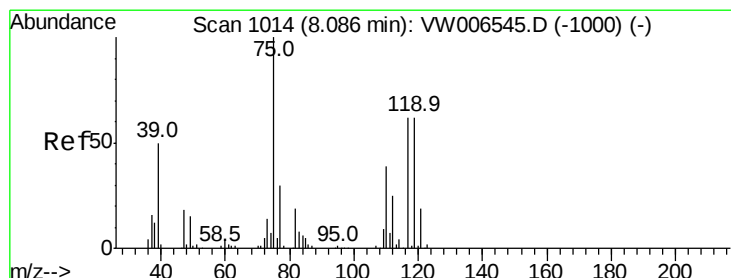
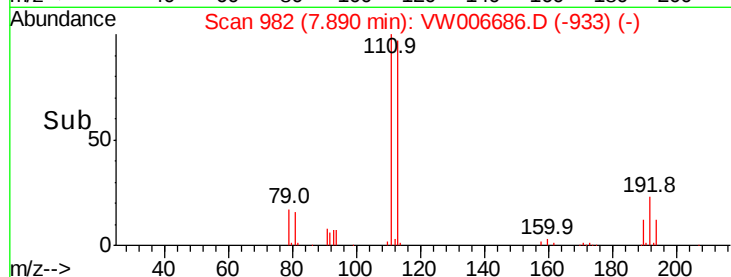
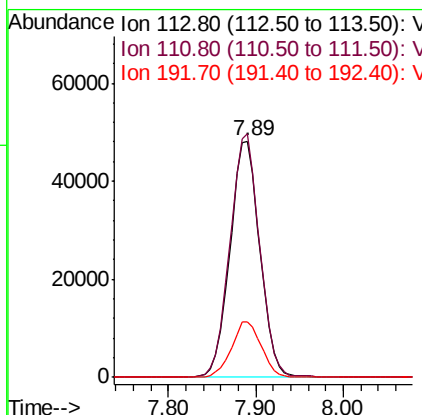
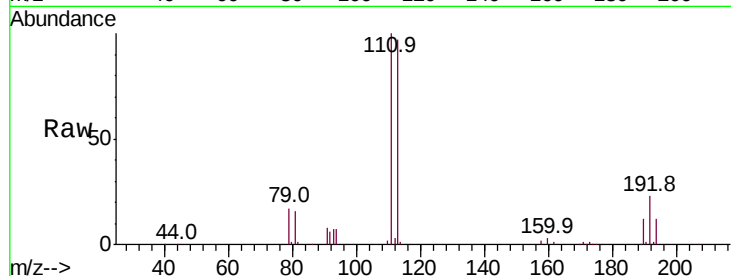




#35
 Dibromofluoromethane
 Concen: 47.649 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006686.D
 Acq: 06 Nov 2018 15:16

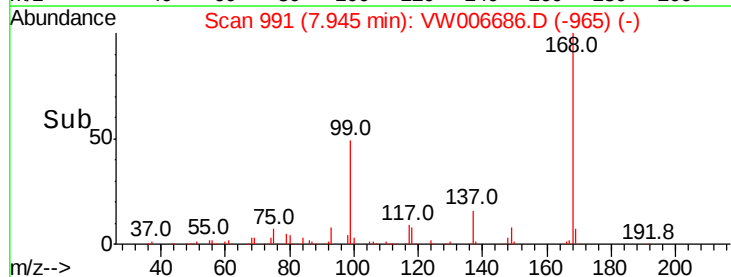
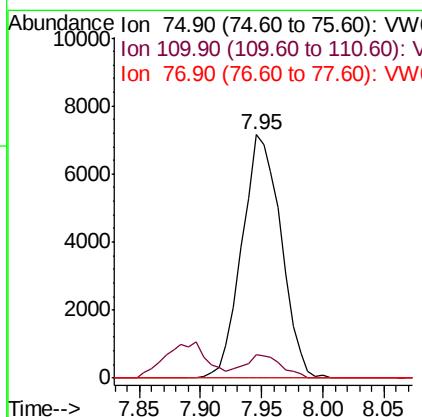
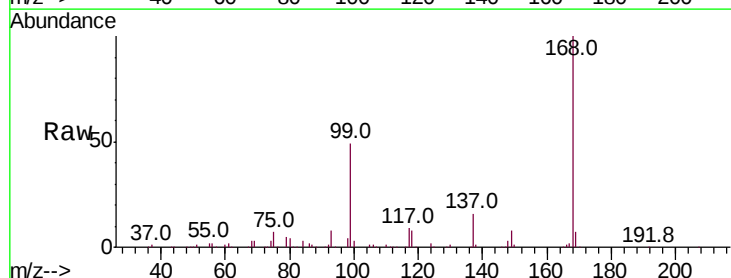
Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-1

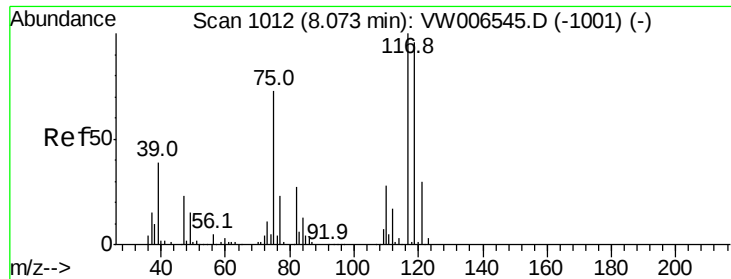
Tot Ion:113 Resp: 114278
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 23.4 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006686.D
 Acq: 06 Nov 2018 15:16

Tgt Ion: 75 Resp: 15878
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#

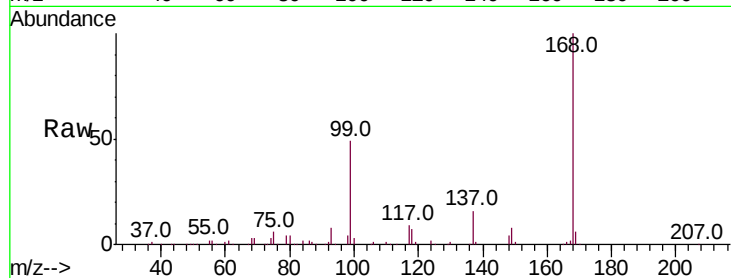




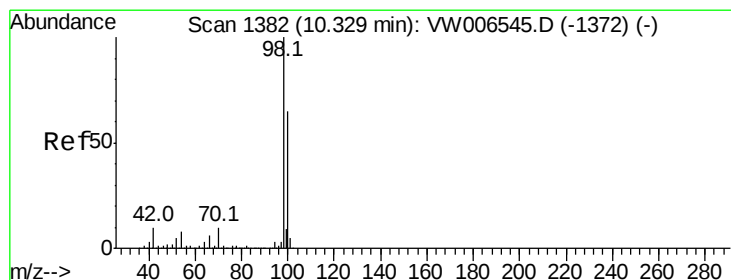
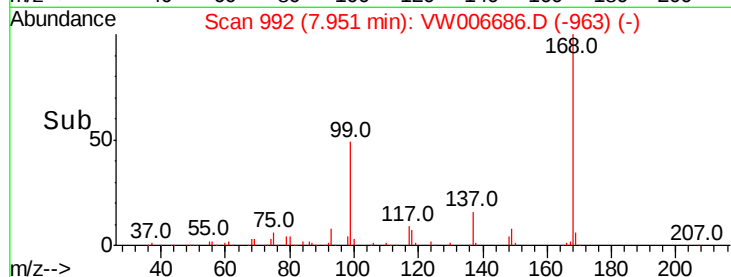
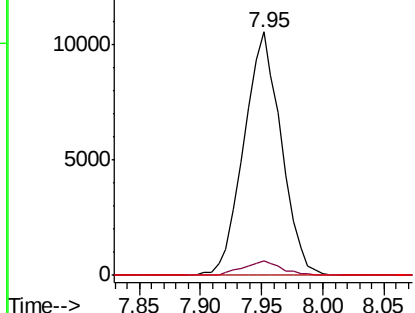
#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006686.D
Acq: 06 Nov 2018 15:16

Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-1

Tot Ion:117 Resp: 22350
Ion Ratio Lower Upper
117 100
119 5.9 76.3 114.5#
121 0.0 24.1 36.1#

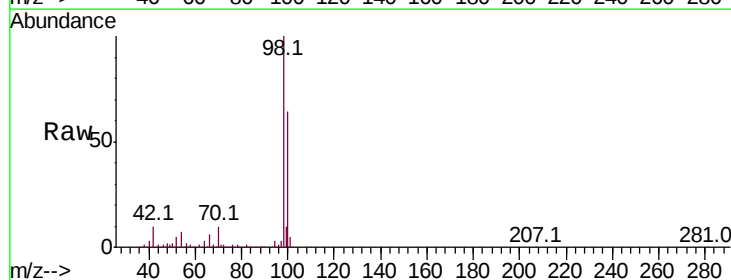


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

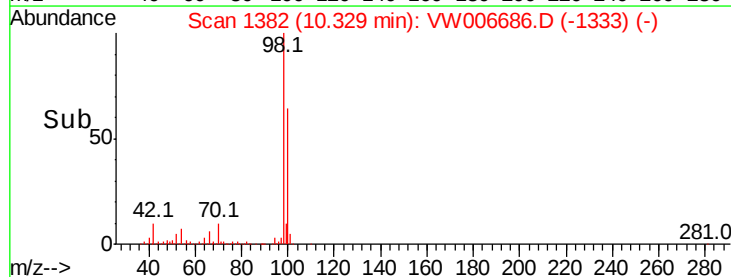
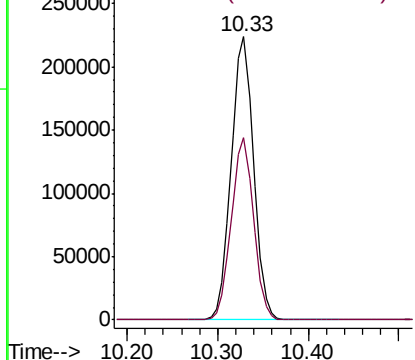


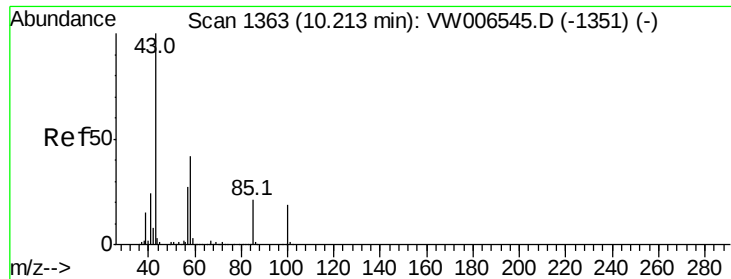
#50
Toluene-d8
Concen: 42.063 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006686.D
Acq: 06 Nov 2018 15:16

Tgt Ion: 98 Resp: 384040
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





#51

4-Methyl-2-Pentanone

Concen: 1.163 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006686.D

Acq: 06 Nov 2018 15:16

Instrument :

MSVOA_W

ClientSampleId :

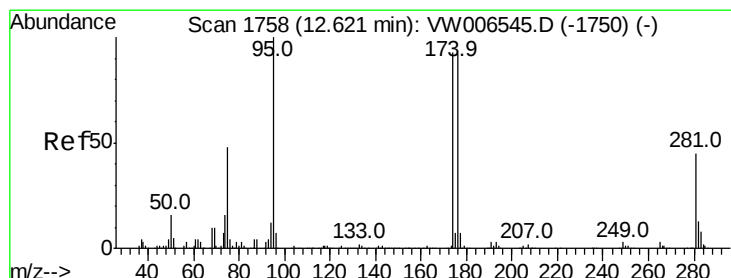
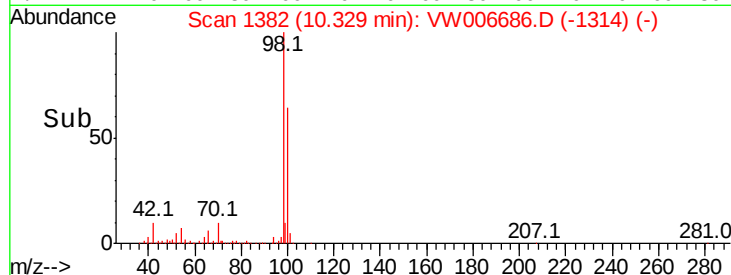
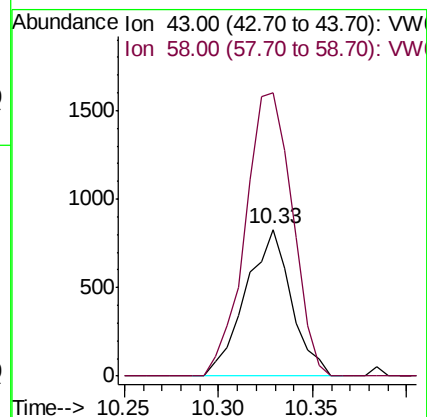
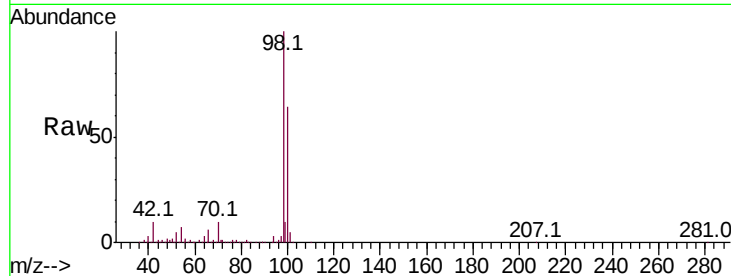
WAGARAW-RD-1

Tot Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

58 200.1 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 29.233 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006686.D

Acq: 06 Nov 2018 15:16

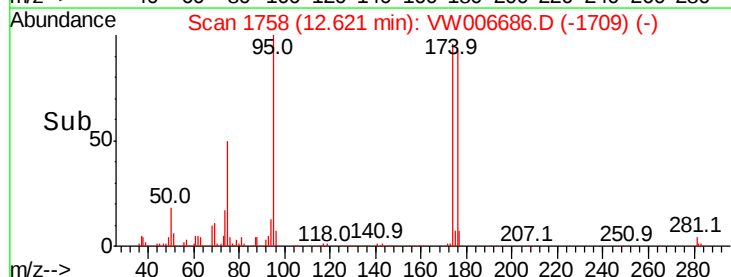
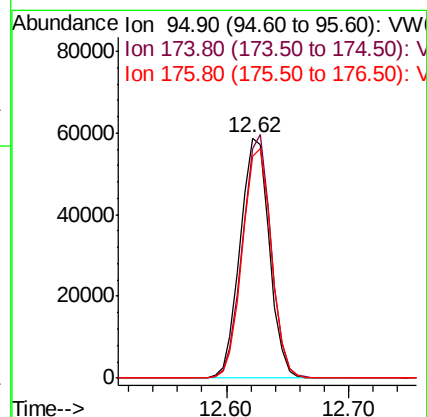
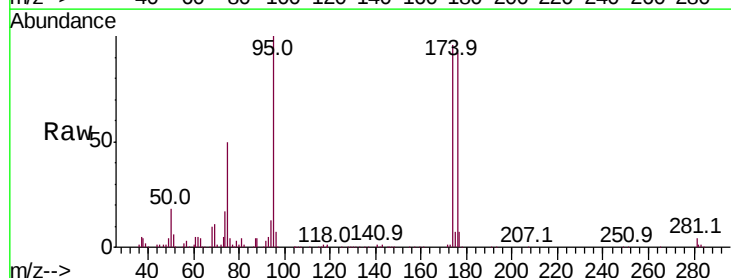
Tgt Ion: 95 Resp: 96761

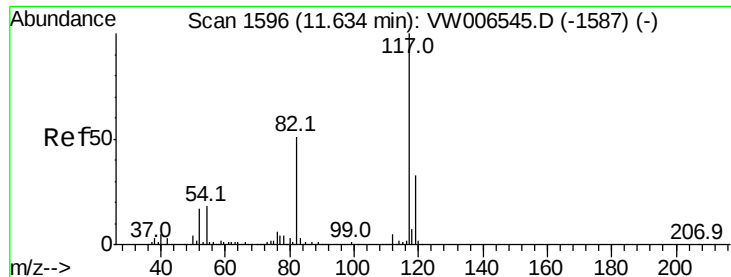
Ion Ratio Lower Upper

95 100

174 99.4 0.0 192.4

176 95.4 0.0 187.4

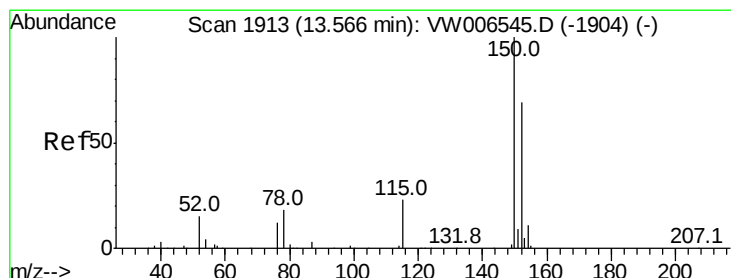
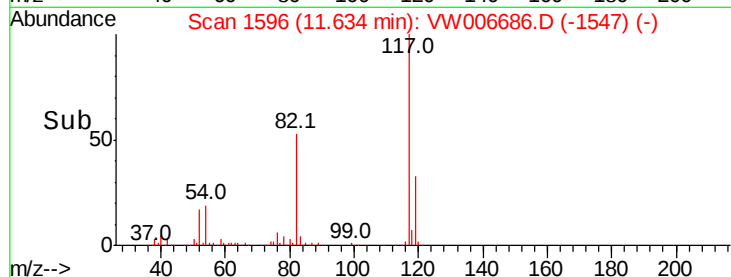
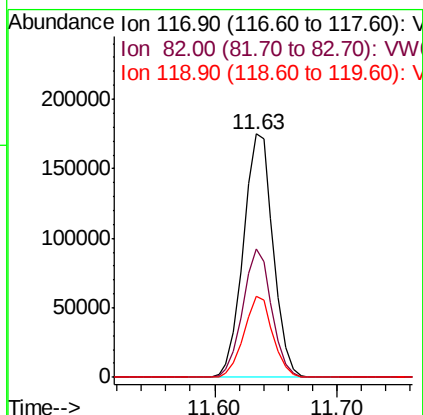
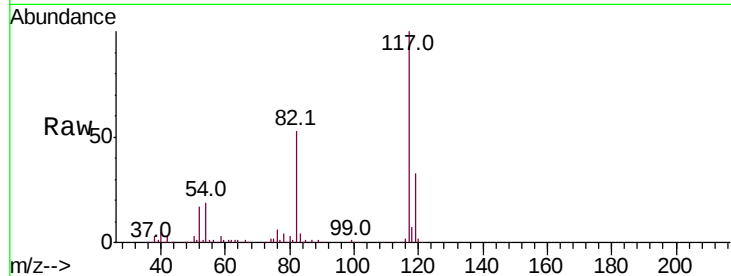




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006686.D
Acq: 06 Nov 2018 15:16

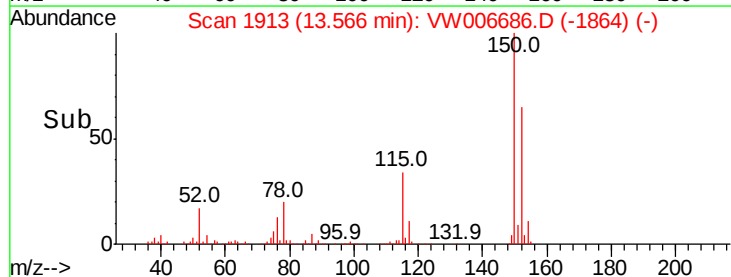
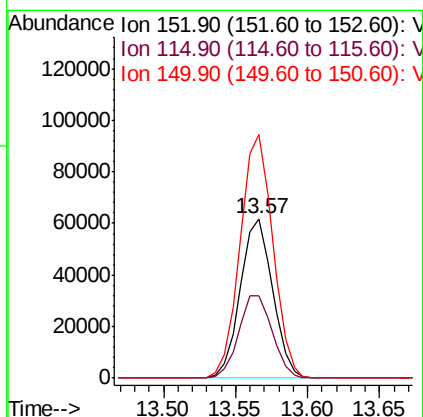
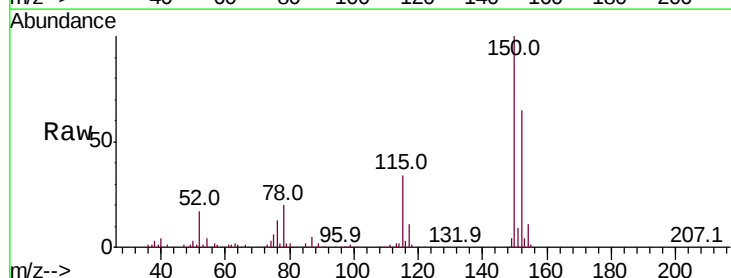
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-1

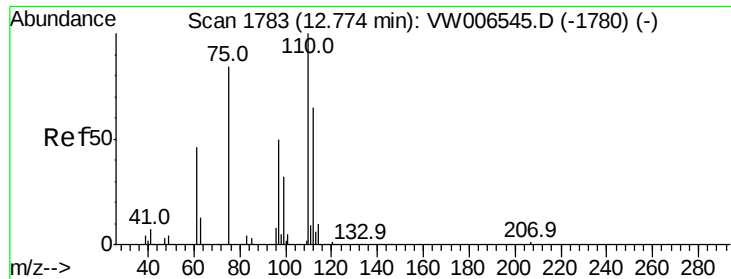
Tot Ion:117 Resp: 295644
Ion Ratio Lower Upper
117 100
82 52.8 40.8 61.2
119 33.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006686.D
Acq: 06 Nov 2018 15:16

Tgt Ion:152 Resp: 96208
Ion Ratio Lower Upper
152 100
115 53.8 26.6 79.8
150 154.8 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 62.766 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006686.D

Acq: 06 Nov 2018 15:16

Instrument :

MSVOA_W

ClientSampleId :

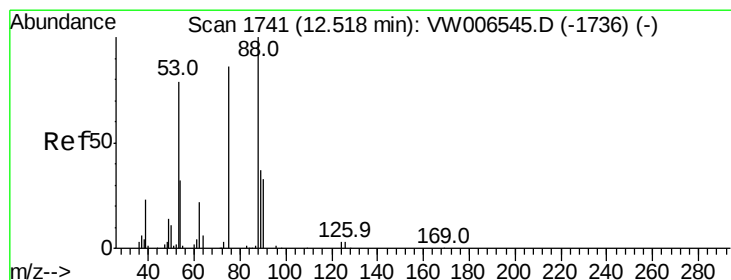
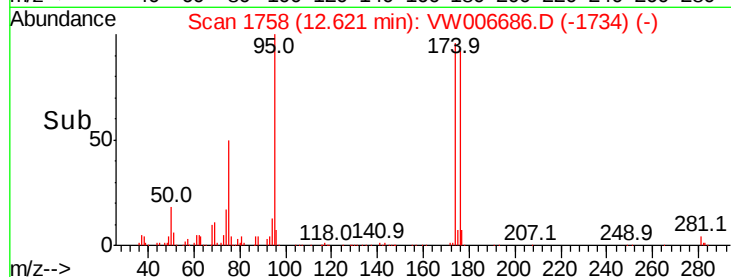
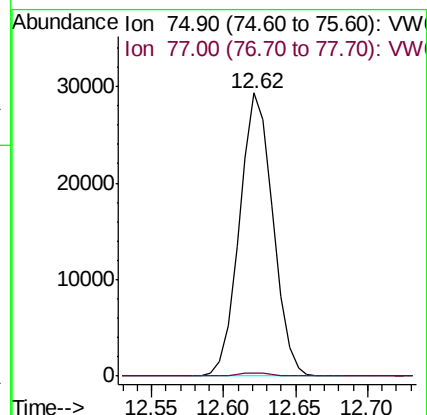
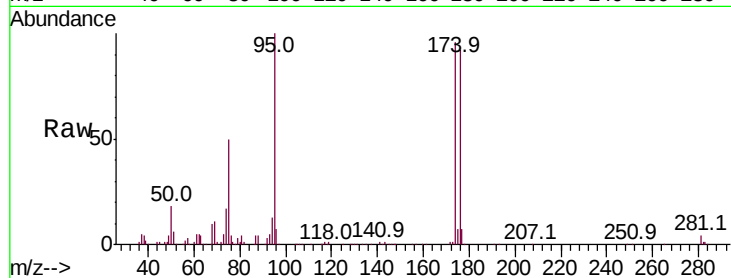
WAGARAW-RD-1

Tot Ion: 75 Resp: 47115

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.558 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006686.D

Acq: 06 Nov 2018 15:16

Tgt Ion: 75 Resp: 47115

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

