

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006668.D
 Acq On : 06 Nov 2018 06:46
 Operator : SY/AP
 Sample : J5771-03
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 08:39:45 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

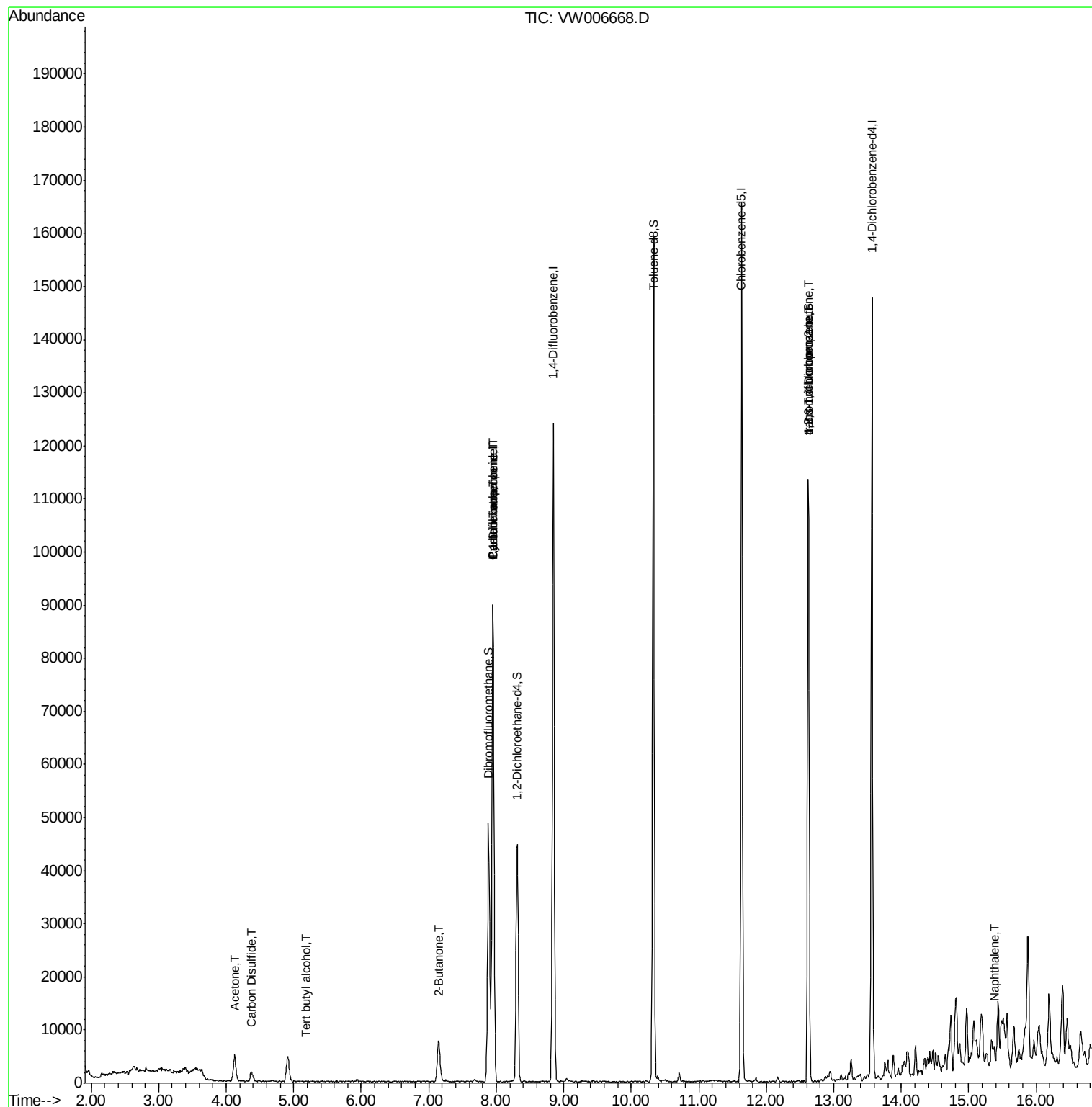
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	111083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36118	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.89	113	34171	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.33	98	111245	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	
62) 4-Bromofluorobenzene	12.62	95	34811	36.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	39	1.127	ug/l #	84
16) Acetone	4.12	43	8287	79.937	ug/l	91
17) Carbon Disulfide	4.38	76	3263	1.882	ug/l	96
20) Methylene Chloride	4.92	84	3861	Below Cal		93
25) 2-Butanone	7.15	43	537	3.630	ug/l #	46
31) Cyclohexane	7.95	56	1218	1.191	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	4783	4.896	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6322	6.193	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	16969	50.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16969	126.229	ug/l #	11
95) Naphthalene	15.38	128	2379	1.527	ug/l	98

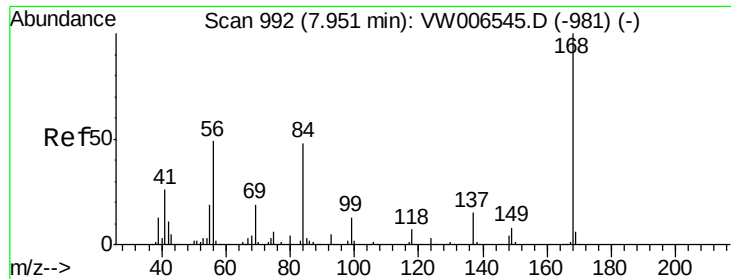
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006668.D
Acq On : 06 Nov 2018 06:46
Operator : SY/AP
Sample : J5771-03
Misc : 6.01G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 06 08:39:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006668.D

Acq: 06 Nov 2018 06:46

Instrument :

MSVOA_W

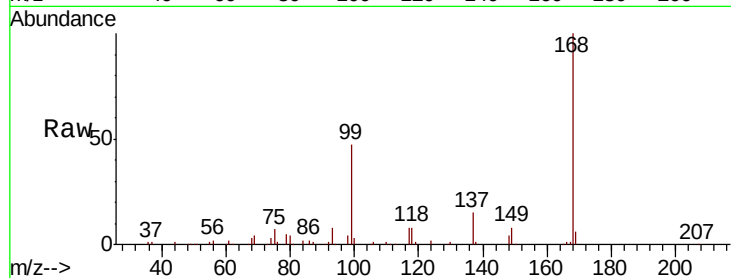
ClientSampled :

Tot Ion:168 Resp: 74700

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

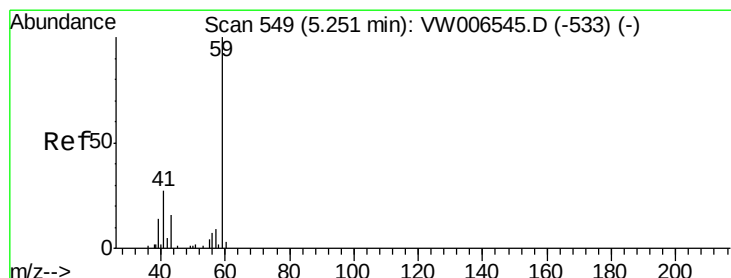
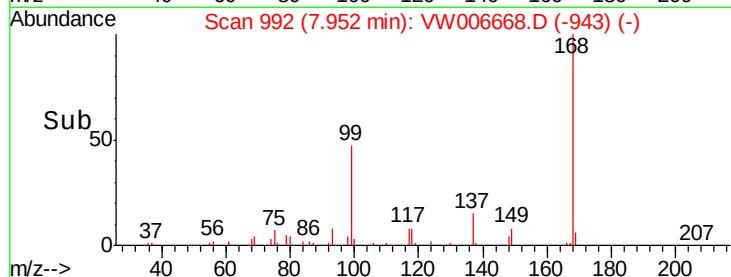
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.127 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.07 min

Lab File: VW006668.D

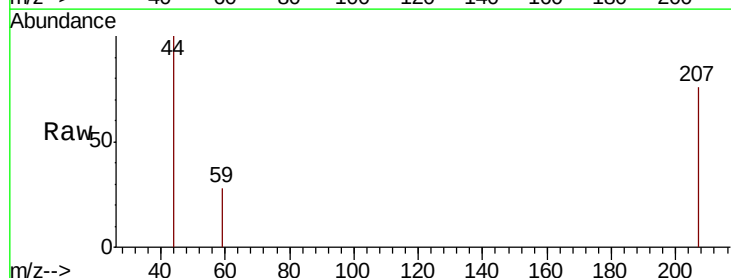
Acq: 06 Nov 2018 06:46

Tgt Ion: 59 Resp: 39

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

5.18

60

50

40

30

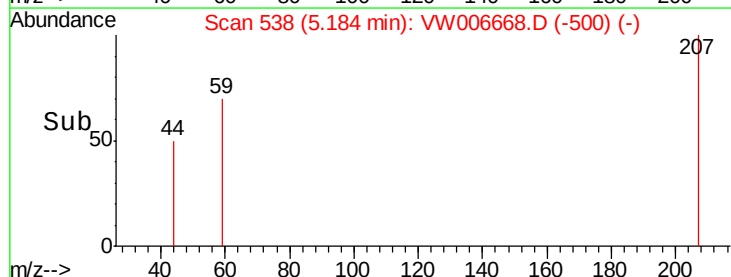
20

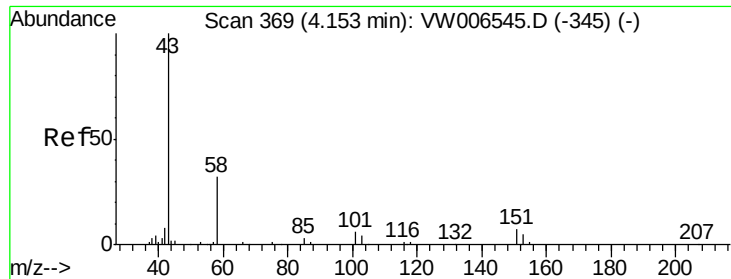
10

0

Time-->

5.16 5.18 5.20





#16

Acetone

Concen: 79.937 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

Instrument :

MSVOA_W

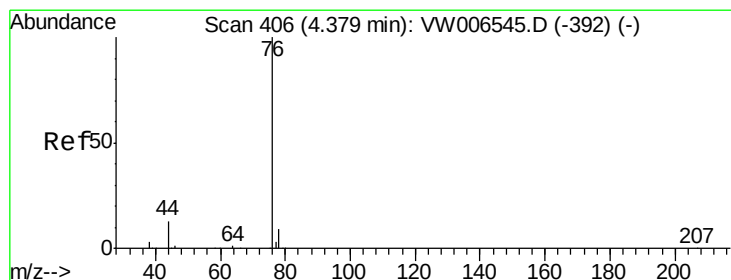
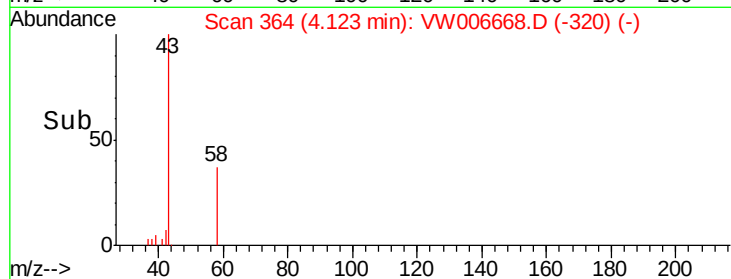
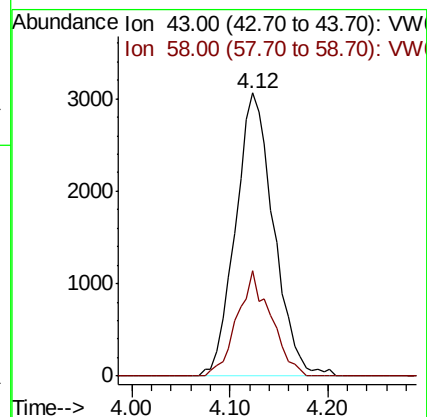
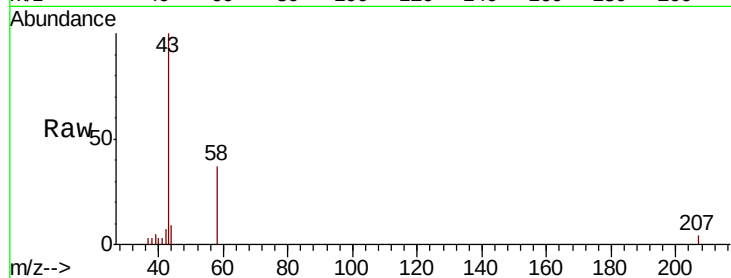
ClientSampled :

Tot Ion: 43 Resp: 8287

Ion Ratio Lower Upper

43 100

58 37.3 25.8 38.8



#17

Carbon Disulfide

Concen: 1.882 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006668.D

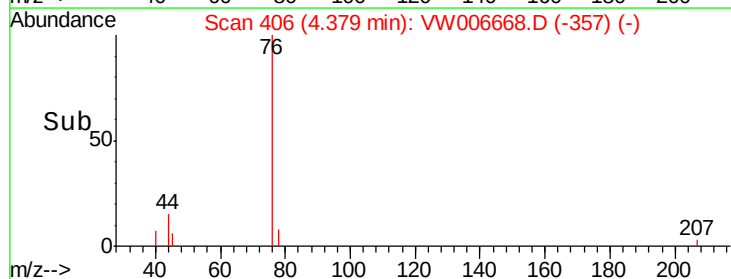
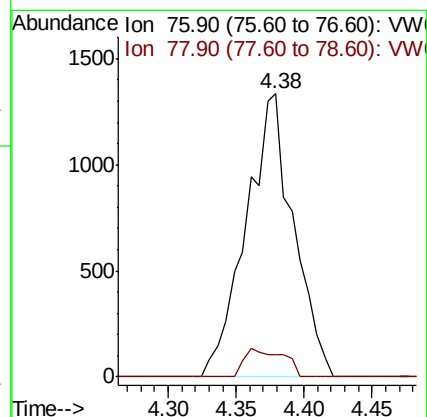
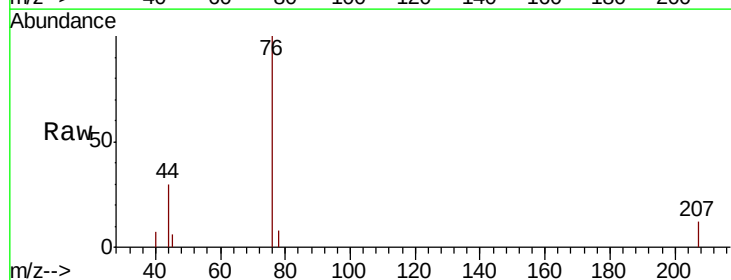
Acq: 06 Nov 2018 06:46

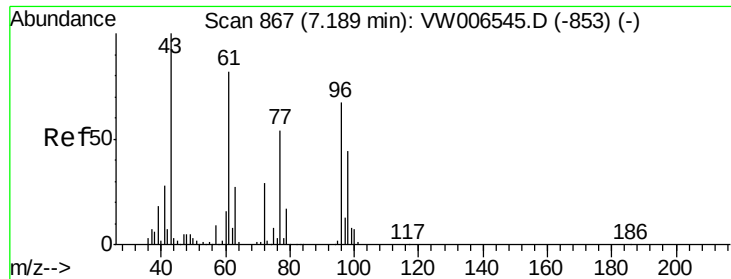
Tgt Ion: 76 Resp: 3263

Ion Ratio Lower Upper

76 100

78 7.7 7.3 10.9

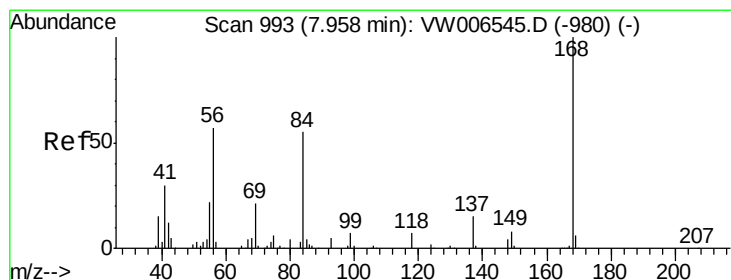
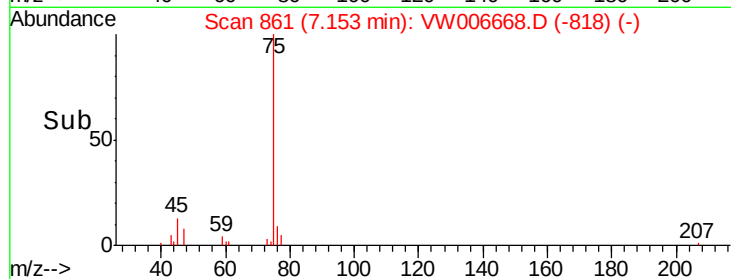
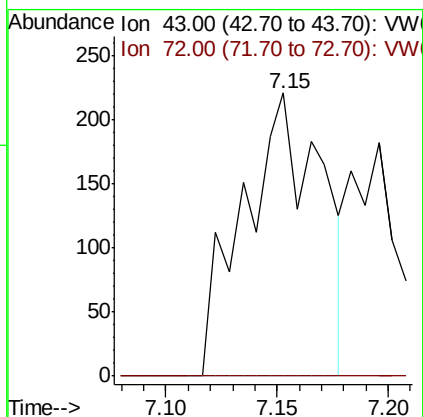
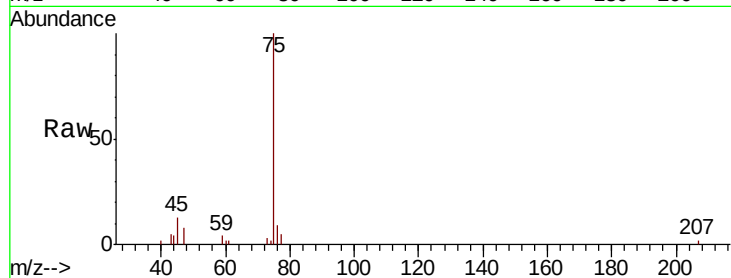




#25
2-Butanone
Concen: 3.630 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.04 min
Lab File: VW006668.D
Acq: 06 Nov 2018 06:46

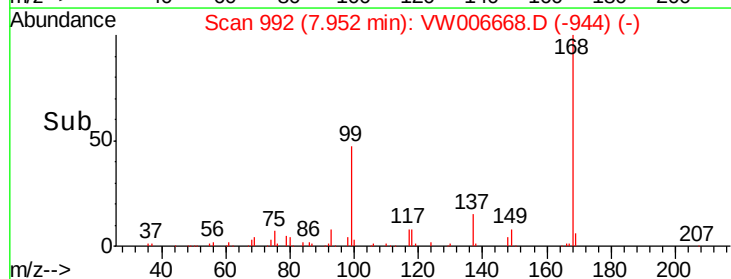
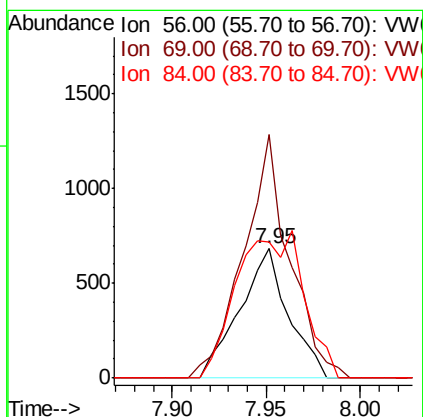
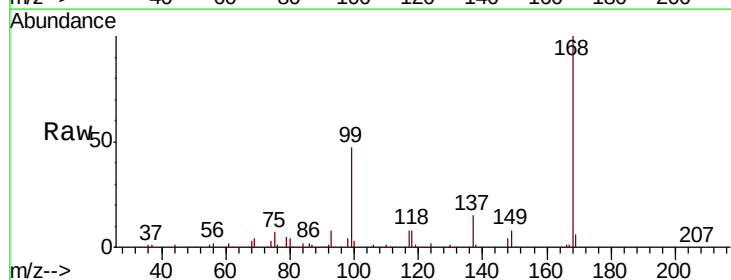
Instrument :
MSVOA_W
ClientSampled :

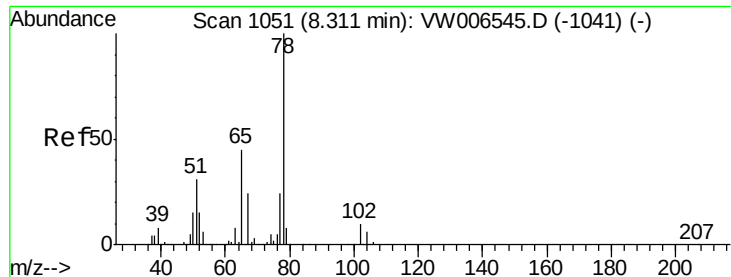
Tot Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006668.D
Acq: 06 Nov 2018 06:46

Tgt Ion: 56 Resp: 1218
Ion Ratio Lower Upper
56 100
69 188.1 29.0 43.4#
84 104.8 77.8 116.6

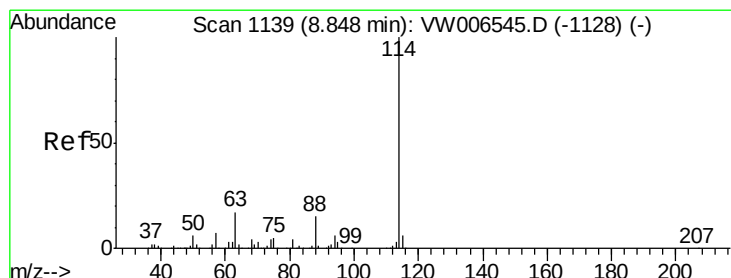
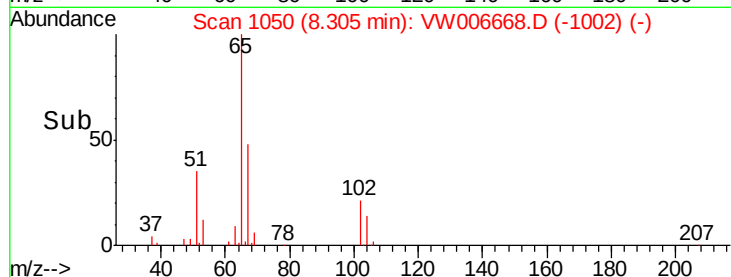
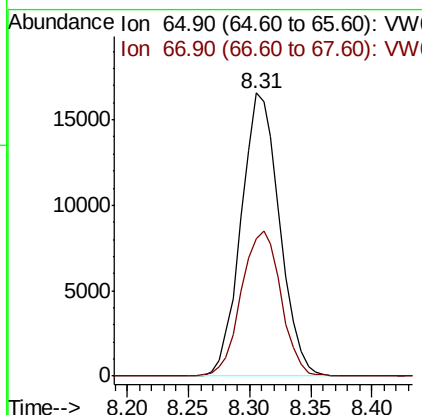
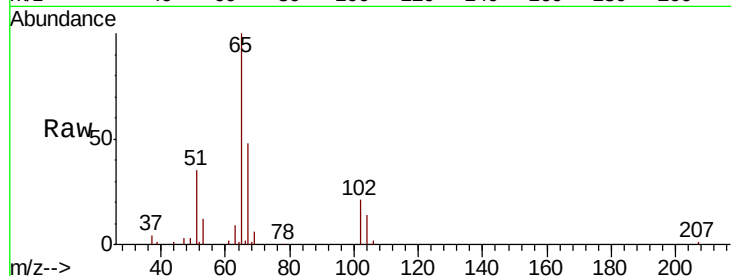




#33
 1,2-Dichloroethane-d4
 Concen: 56.248 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006668.D
 Acq: 06 Nov 2018 06:46

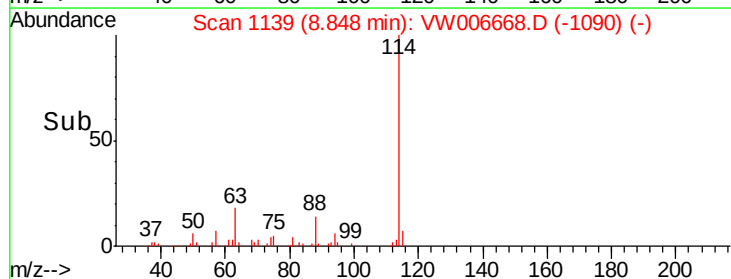
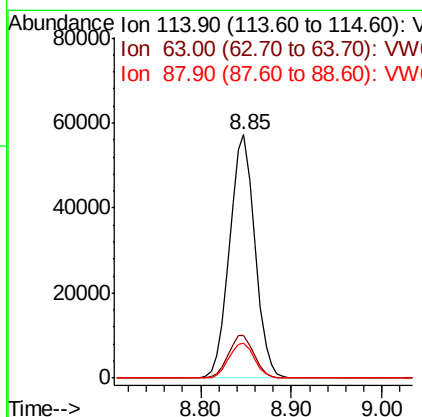
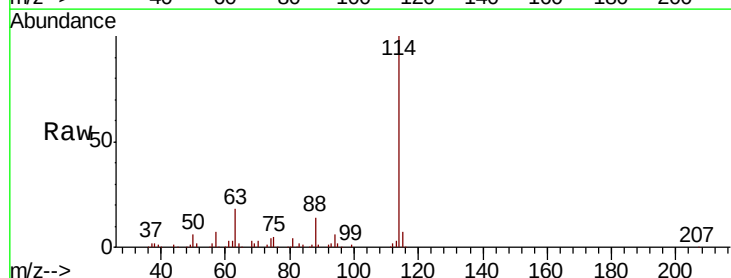
Instrument :
 MSVOA_W
 ClientSampled :

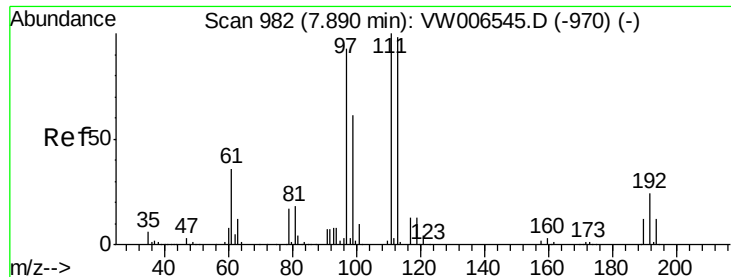
Tot Ion: 65 Resp: 36118
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006668.D
 Acq: 06 Nov 2018 06:46

Tgt Ion: 114 Resp: 111083
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.016 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

Instrument :
MSVOA_W
ClientSampleId :

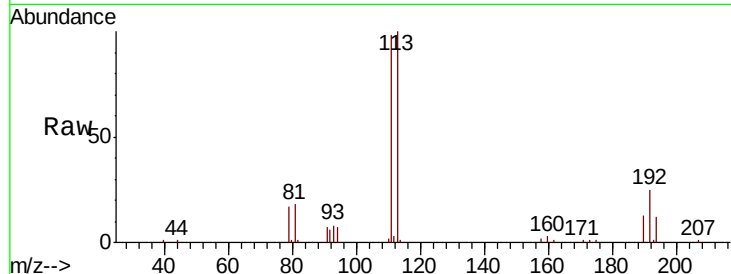
Tot Ion:113 Resp: 34171

Ion Ratio Lower Upper

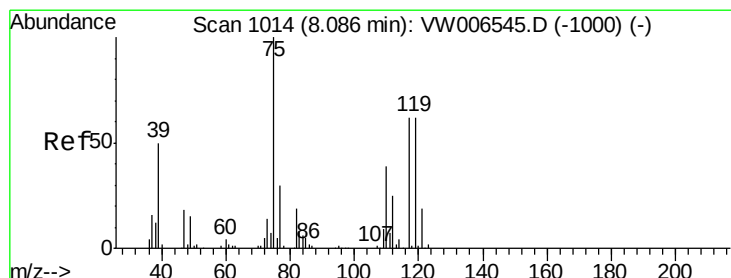
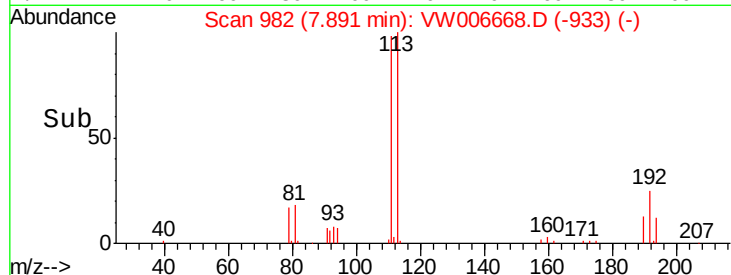
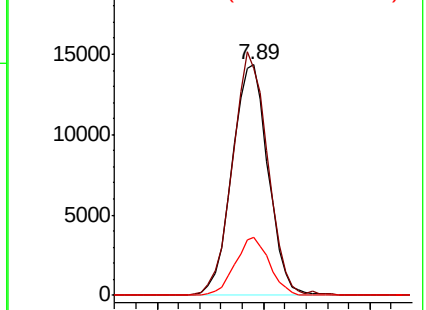
113 100

111 103.1 82.2 123.2

192 23.7 19.0 28.6



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: 4.896 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

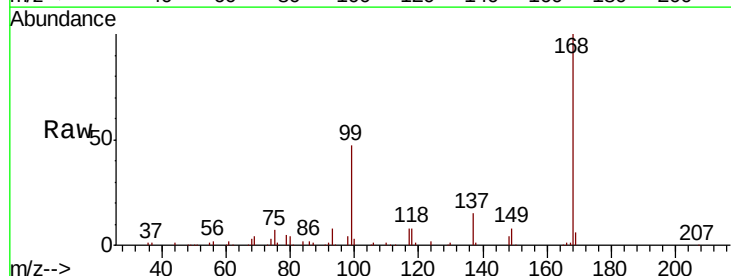
Tgt Ion: 75 Resp: 4783

Ion Ratio Lower Upper

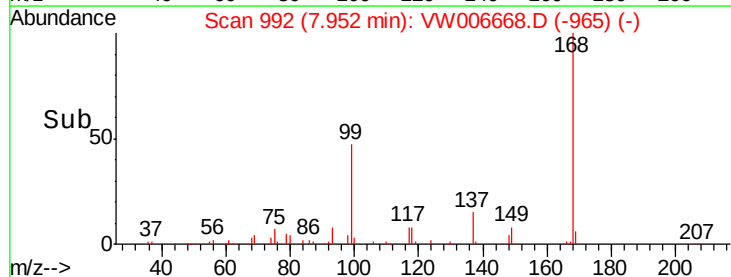
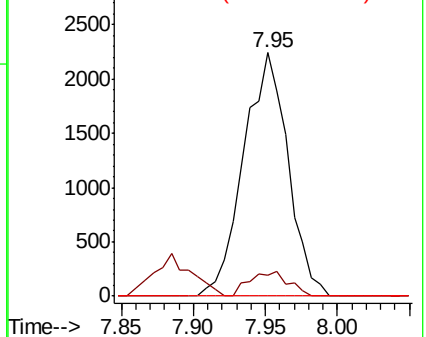
75 100

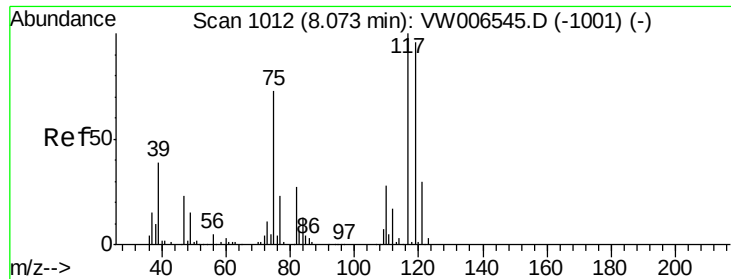
110 8.8 19.5 58.5#

77 0.0 24.6 37.0#



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

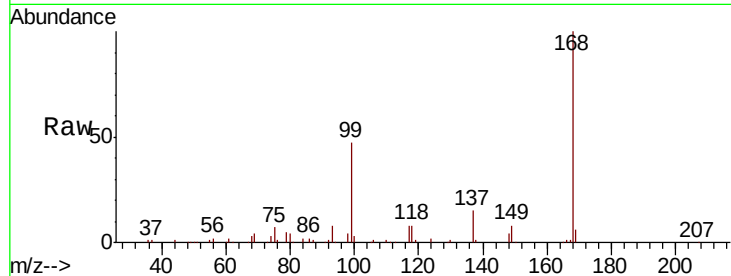




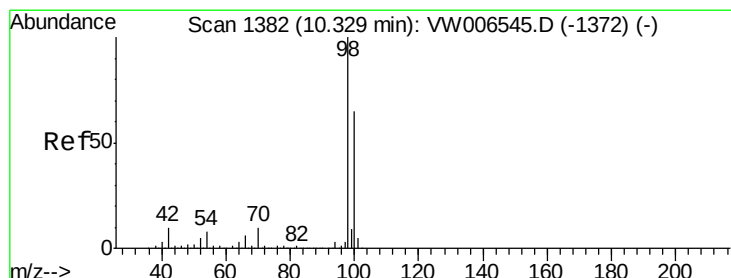
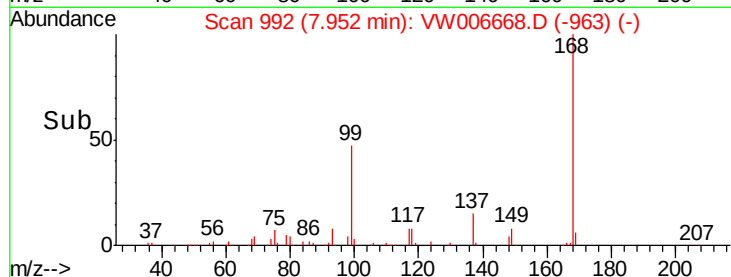
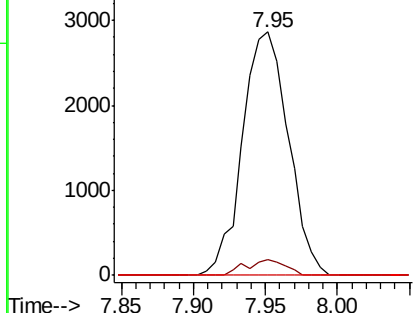
#38
Carbon Tetrachloride
Concen: 6.193 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006668.D
Acq: 06 Nov 2018 06:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 6322
Ion Ratio Lower Upper
117 100
119 6.3 76.3 114.5#
121 0.0 24.1 36.1#

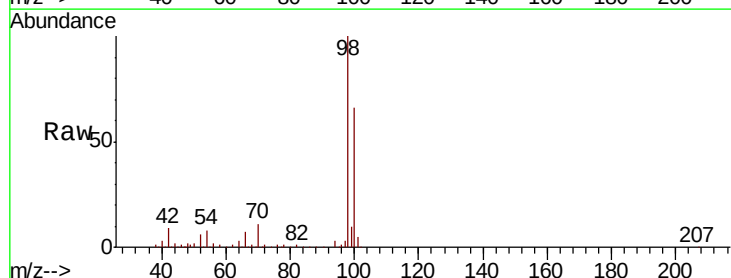


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

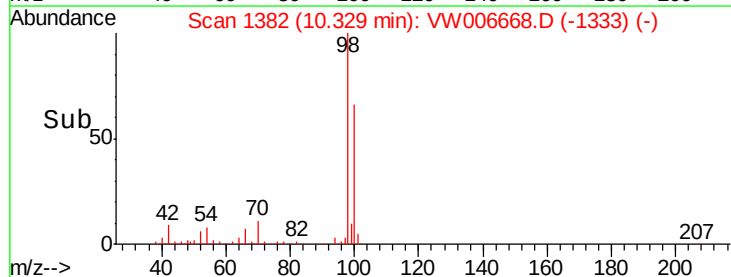
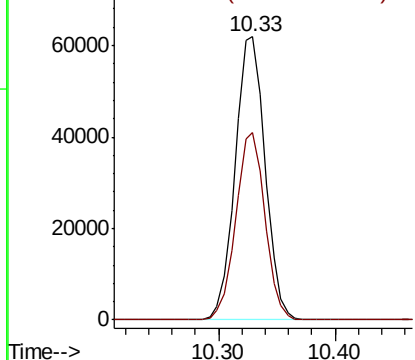


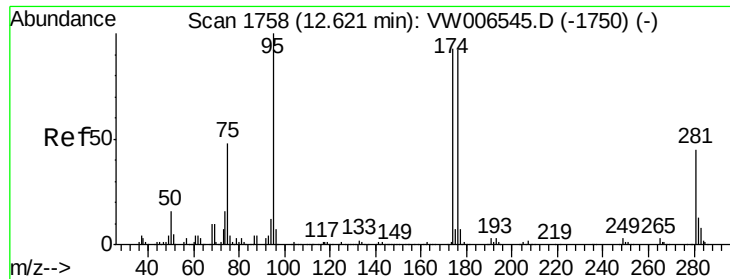
#50
Toluene-d8
Concen: 41.918 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006668.D
Acq: 06 Nov 2018 06:46

Tgt Ion: 98 Resp: 111245
Ion Ratio Lower Upper
98 100
100 64.3 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: 36.181 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampled :

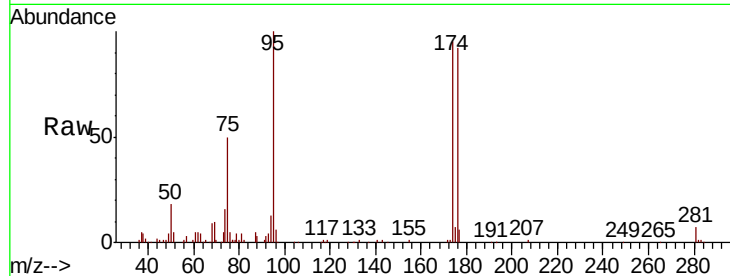
Tot Ion: 95 Resp: 34811

Ion Ratio Lower Upper

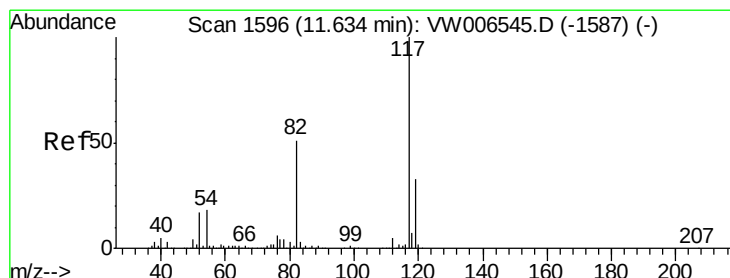
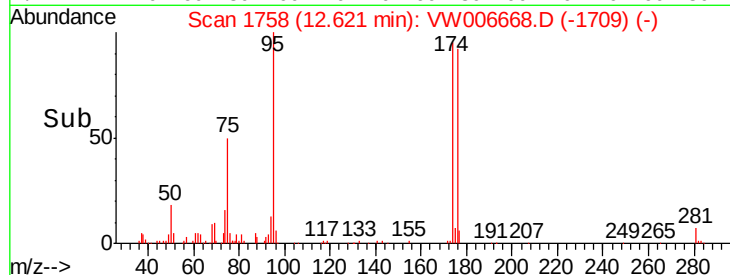
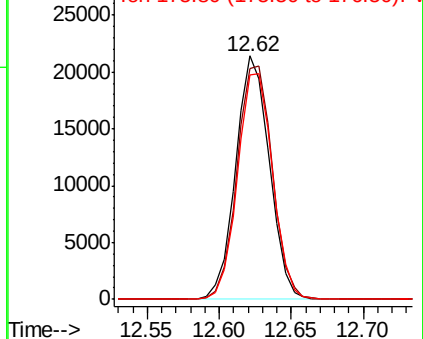
95 100

174 100.0 0.0 192.4

176 95.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

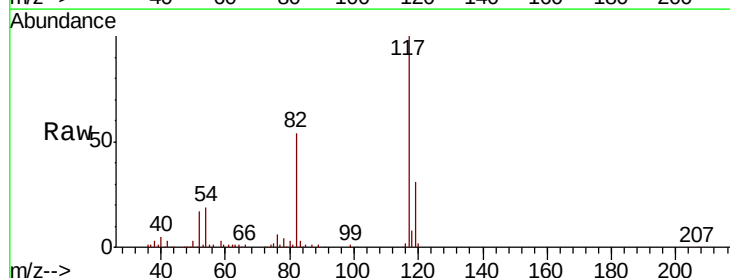
Tgt Ion: 117 Resp: 96101

Ion Ratio Lower Upper

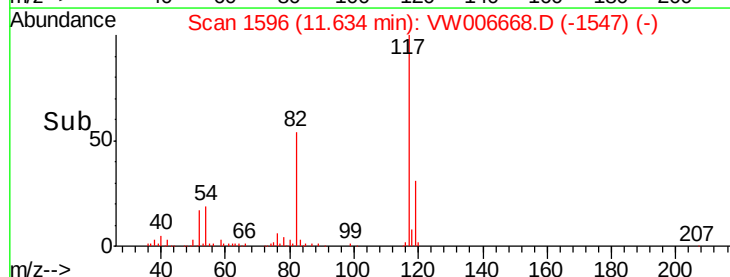
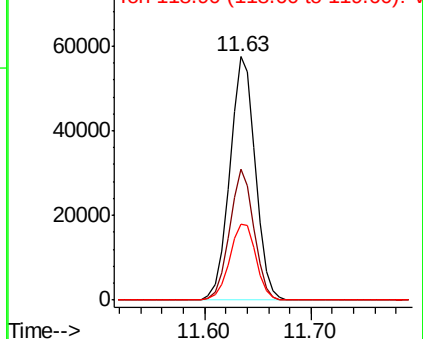
117 100

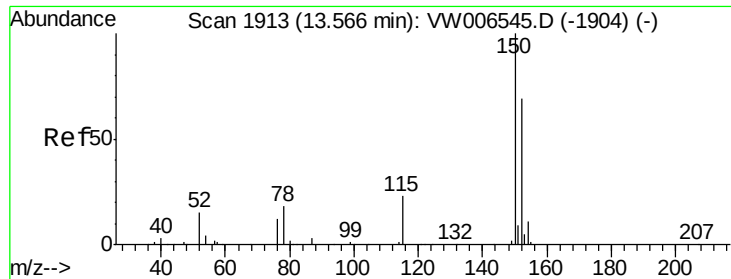
82 53.5 40.8 61.2

119 31.5 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampled :

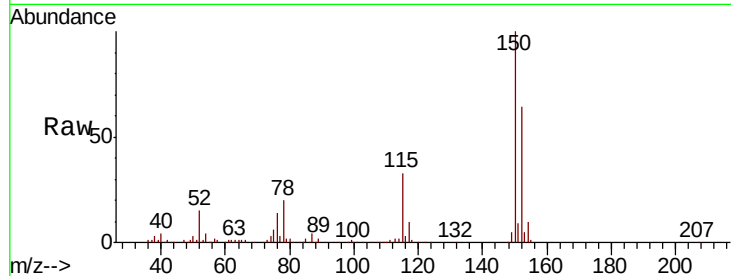
Tot Ion:152 Resp: 43155

Ion Ratio Lower Upper

152 100

115 53.5 26.6 79.8

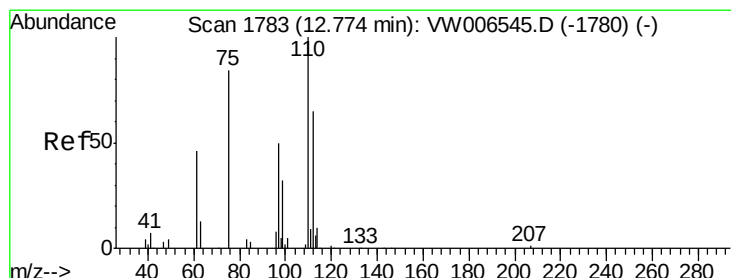
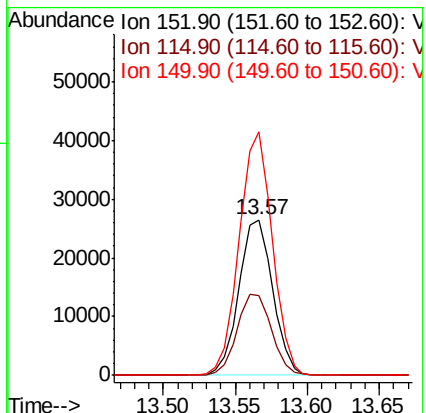
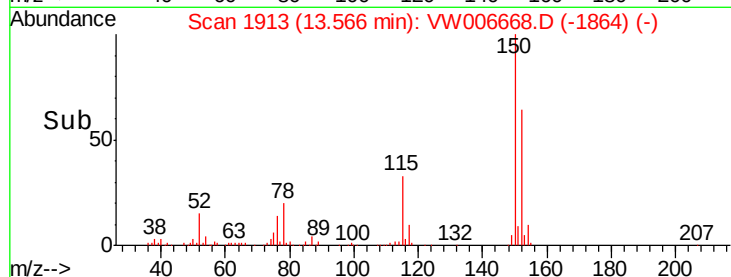
150 153.6 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 50.397 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006668.D

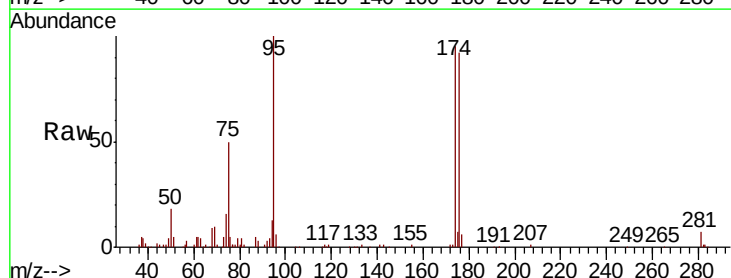
Acq: 06 Nov 2018 06:46

Tgt Ion: 75 Resp: 16969

Ion Ratio Lower Upper

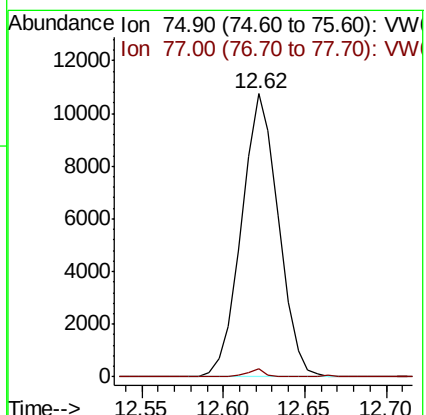
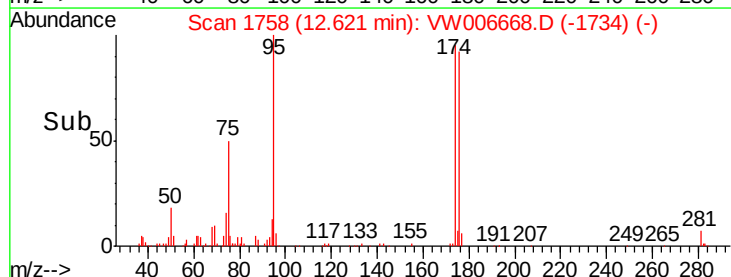
75 100

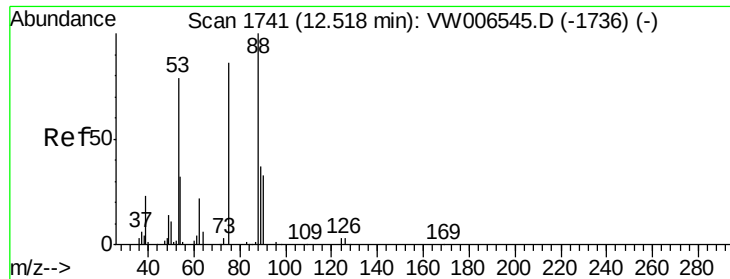
77 1.3 0.0 0.0#



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: 126.229 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

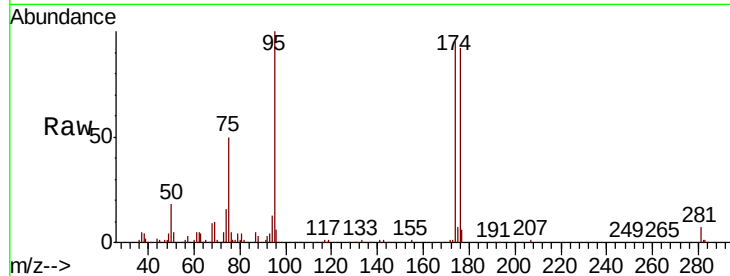
Tot Ion: 75 Resp: 16969

Ion Ratio Lower Upper

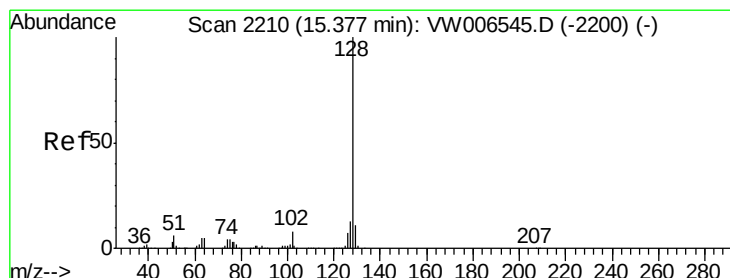
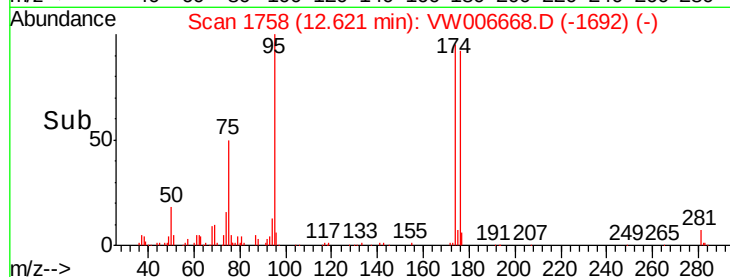
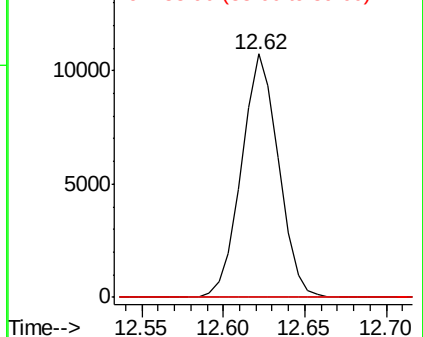
75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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



#95

Naphthalene

Concen: 1.527 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006668.D

Acq: 06 Nov 2018 06:46

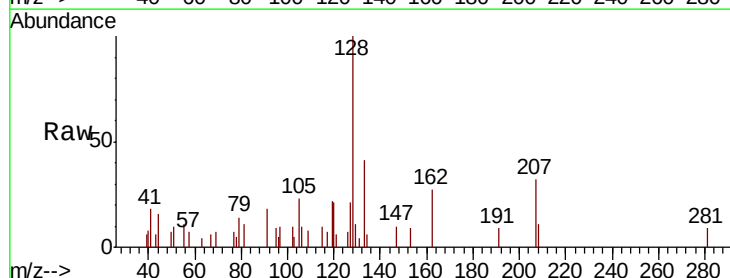
Tgt Ion:128 Resp: 2379

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

