

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006348.D
 Acq On : 25 Oct 2018 06:13
 Operator : SY/AP
 Sample : J5652-02RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

Quant Time: Oct 25 07:47:43 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	176135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	186973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	65609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	60286	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	
35) Dibromofluoromethane	7.88	113	63953	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
50) Toluene-d8	10.33	98	172110	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	
62) 4-Bromofluorobenzene	12.62	95	15057	9.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.08%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.22	59	489	4.979	ug/l #	64
16) Acetone	4.15	43	15404	44.032	ug/l	97
20) Methylene Chloride	4.92	84	4089	1.053	ug/l	92
25) 2-Butanone	7.19	43	6618	16.776	ug/l #	84
29) Tetrahydrofuran	7.54	42	933	3.848	ug/l #	73
31) Cyclohexane	7.95	56	3479	1.302	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	11313	6.564	ug/l #	49
37) Ethyl Acetate	7.19	43	6555	10.237	ug/l #	69
38) Carbon Tetrachloride	7.95	117	15544	8.228	ug/l #	17
41) Methacrylonitrile	7.48	41	419	1.086	ug/l #	28
51) 4-Methyl-2-Pentanone	10.21	43	1374	2.095	ug/l	92
55) 1,1,2-Trichloroethane	10.76	97	1252	1.388	ug/l #	46
59) 2-Hexanone	10.96	43	643	1.373	ug/l	82
64) Tetrachloroethene	10.87	164	582	1.143	ug/l #	75
73) Isopropylbenzene	12.47	105	1526	3.044	ug/l #	34
74) N-amyl acetate	12.27	43	529	5.432	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.69	83	730	9.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	7658	141.273	ug/l #	100
79) 2-Chlorotoluene	12.91	91	1237	3.774	ug/l	73
80) 1,3,5-Trimethylbenzene	13.10	105	2684	6.350	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.62	75	7658	337.698	ug/l #	11
82) 4-Chlorotoluene	12.91	91	1297	3.778	ug/l	71
83) tert-Butylbenzene	13.16	119	10451	27.636	ug/l #	49
84) 1,2,4-Trimethylbenzene	13.26	105	2639	6.170	ug/l	87
85) sec-Butylbenzene	13.40	105	1147	2.147	ug/l	82
86) p-Isopropyltoluene	13.50	119	842	1.742	ug/l #	53
88) 1,4-Dichlorobenzene	13.58	146	385	1.582	ug/l #	4
90) Hexachloroethane	14.10	117	156	1.906	ug/l	74
91) 1,2-Dichlorobenzene	13.88	146	256	1.174	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	57	4.175	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.14	180	3235	19.285	ug/l #	84
95) Naphthalene	15.37	128	1028	3.684	ug/l #	59
96) 1,2,3-Trichlorobenzene	15.57	180	591	4.073	ug/l #	78

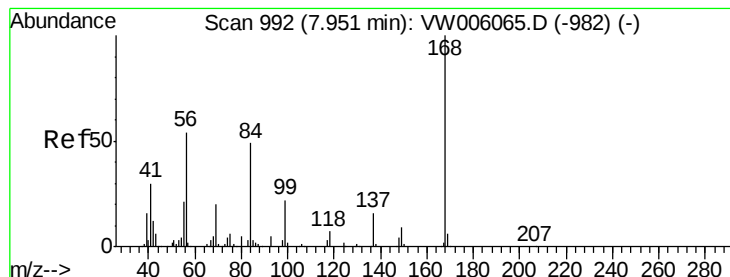
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
Data File : VW006348.D
Acq On : 25 Oct 2018 06:13
Operator : SY/AP
Sample : J5652-02RE
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VB16206-VB16207-V236-VB16209-V

Quant Time: Oct 25 07:47:43 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

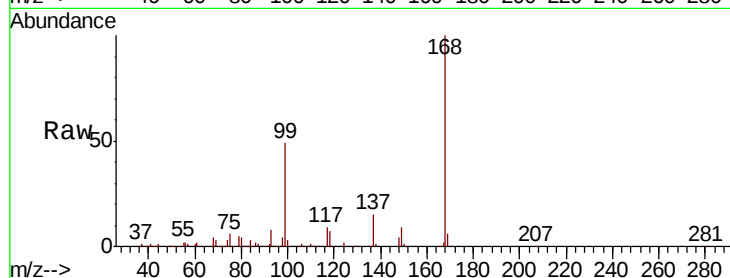
VB16206-VB16207-V236-VB16209-V

Tot Ion:168 Resp: 176135

Ion Ratio Lower Upper

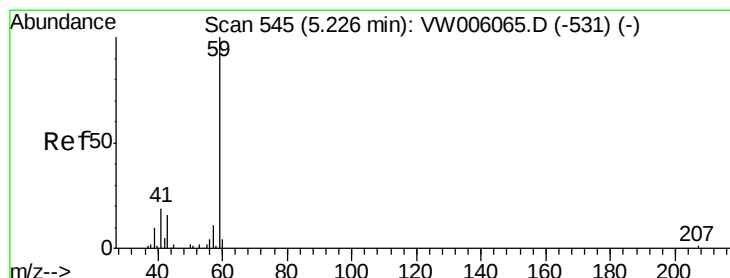
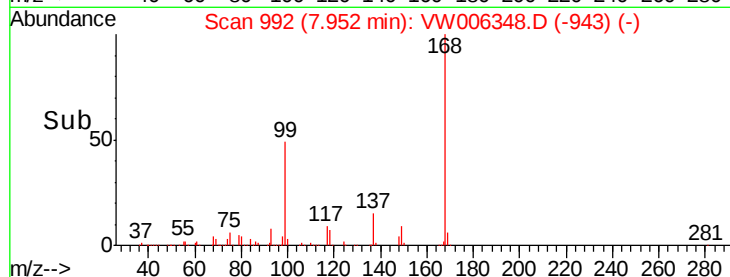
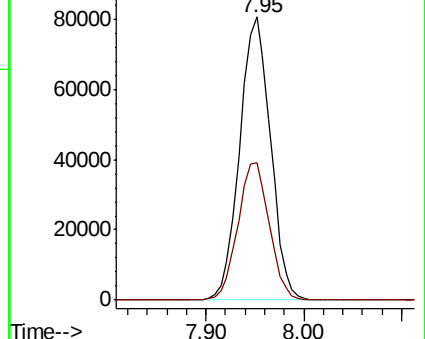
168 100

99 48.7 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: 4.979 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006348.D

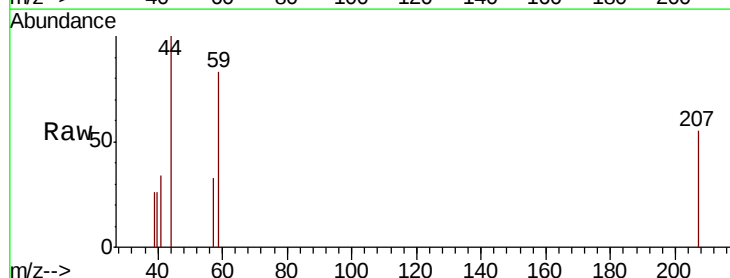
Acq: 25 Oct 2018 06:13

Tgt Ion: 59 Resp: 489

Ion Ratio Lower Upper

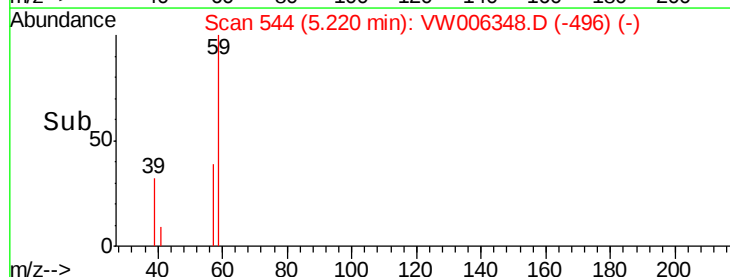
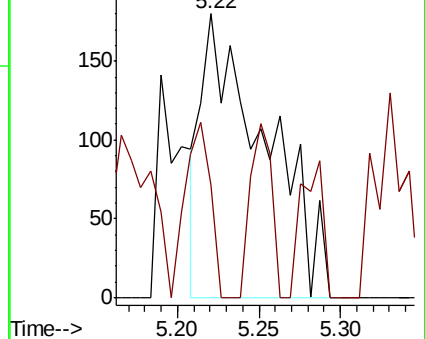
59 100

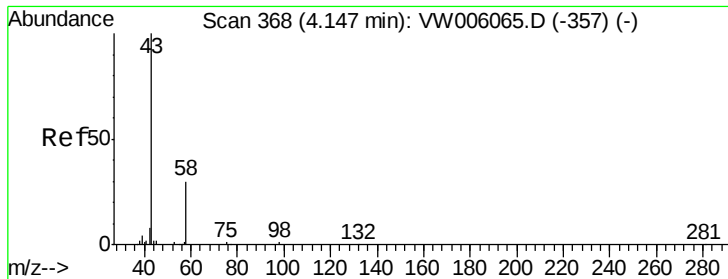
57 24.5 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 44.032 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

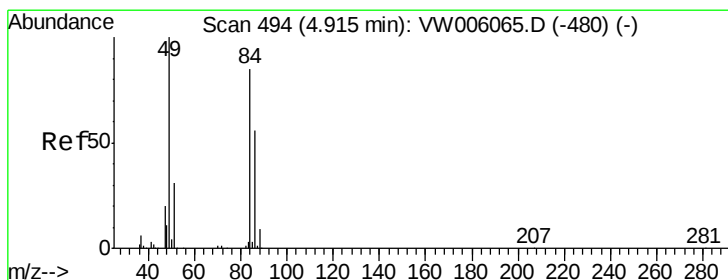
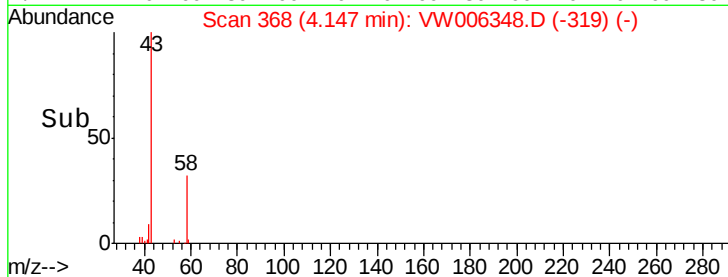
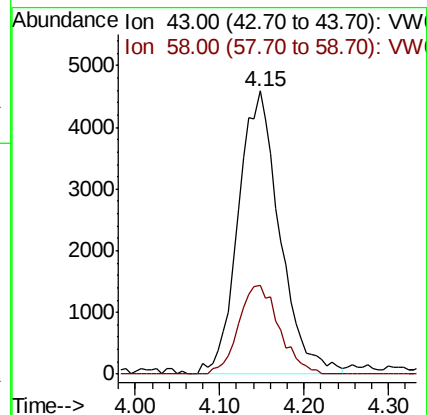
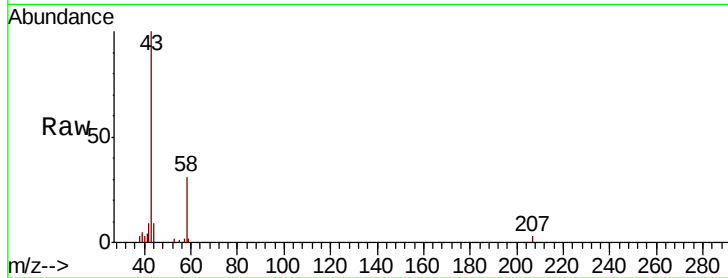
VB16206-VB16207-V236-VB16209-V

Tot Ion: 43 Resp: 15404

Ion Ratio Lower Upper

43 100

58 31.5 24.0 36.0



#20

Methylene Chloride

Concen: 1.053 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Tgt Ion: 84 Resp: 4089

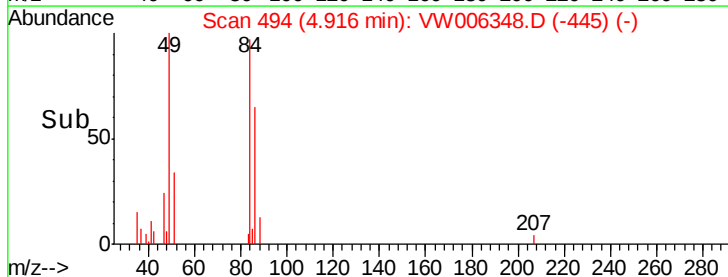
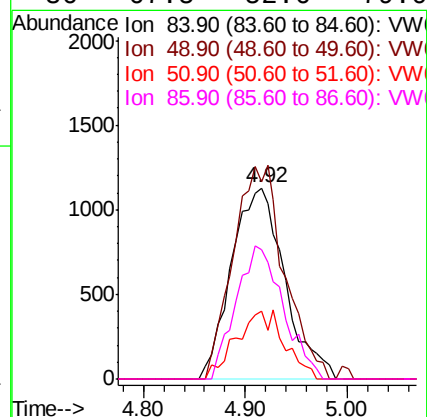
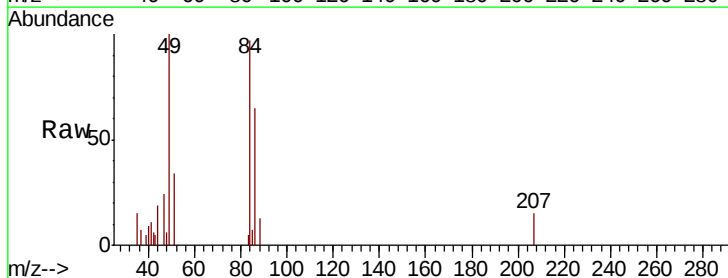
Ion Ratio Lower Upper

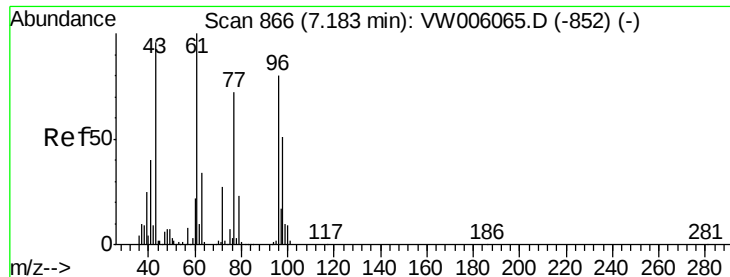
84 100

49 103.1 93.6 140.4

51 35.5 29.0 43.4

86 67.5 52.6 79.0





#25

2-Butanone

Concen: 16.776 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

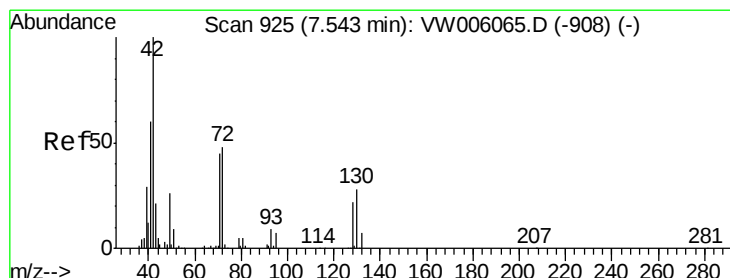
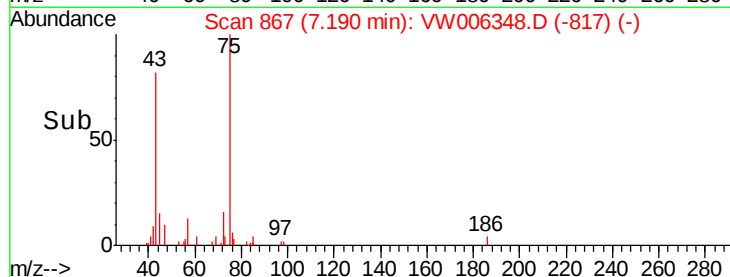
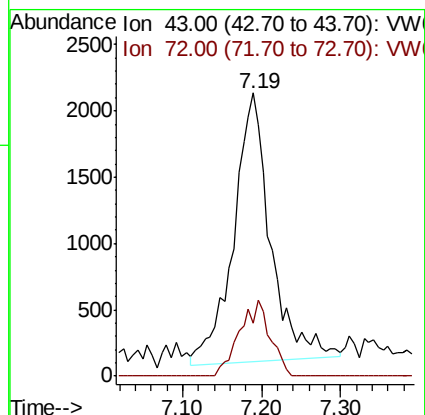
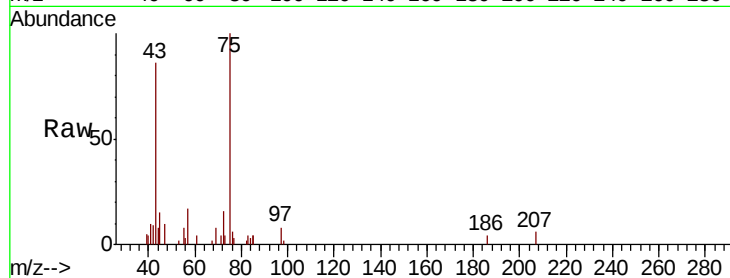
VB16206-VB16207-V236-VB16209-V

Tot Ion: 43 Resp: 6618

Ion Ratio Lower Upper

43 100

72 20.2 22.8 34.2#



#29

Tetrahydrofuran

Concen: 3.848 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

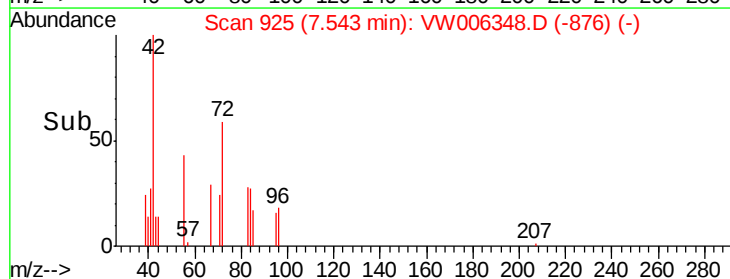
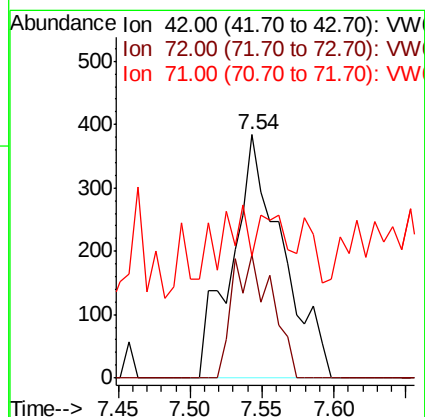
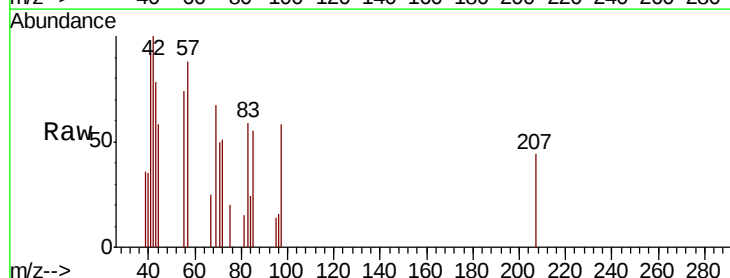
Tgt Ion: 42 Resp: 933

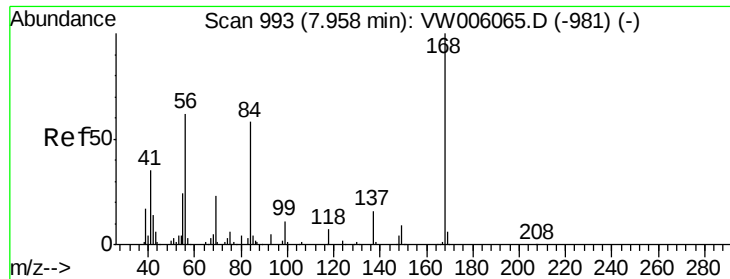
Ion Ratio Lower Upper

42 100

72 39.4 38.0 57.0

71 16.6 35.3 52.9#





#31

Cvclohexane

Concen: 1.302 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

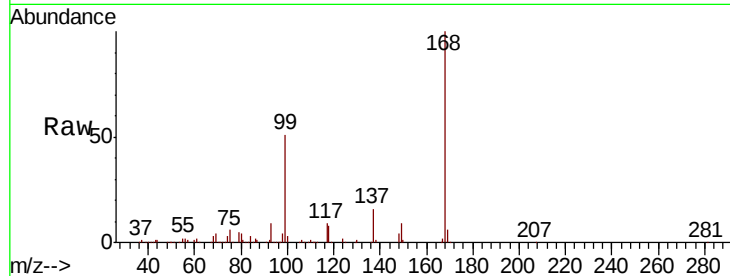
Tot Ion: 56 Resp: 3479

Ion Ratio Lower Upper

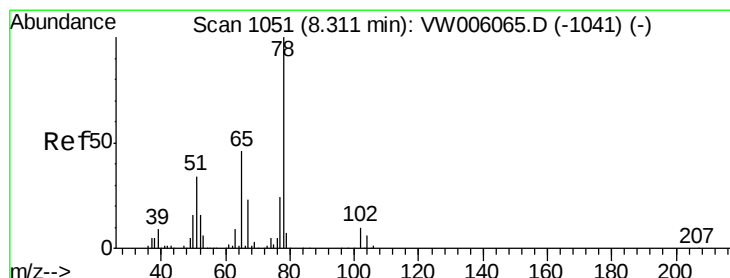
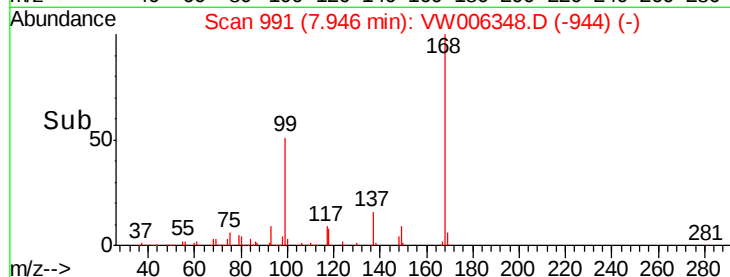
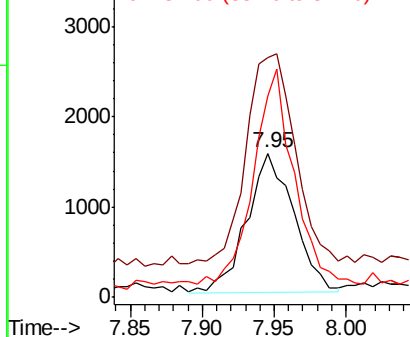
56 100

69 149.8 29.4 44.0#

84 133.8 74.0 111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 41.285 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006348.D

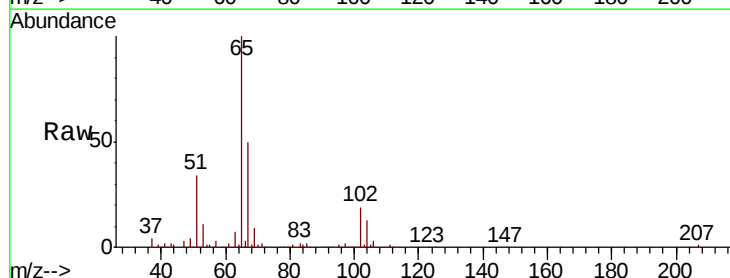
Acq: 25 Oct 2018 06:13

Tgt Ion: 65 Resp: 60286

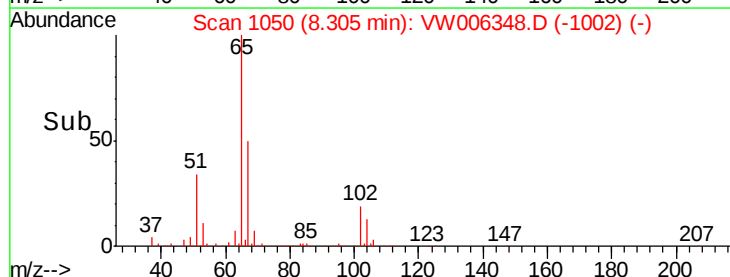
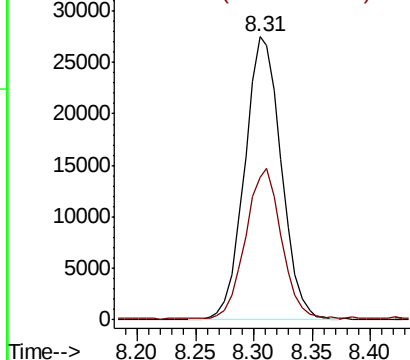
Ion Ratio Lower Upper

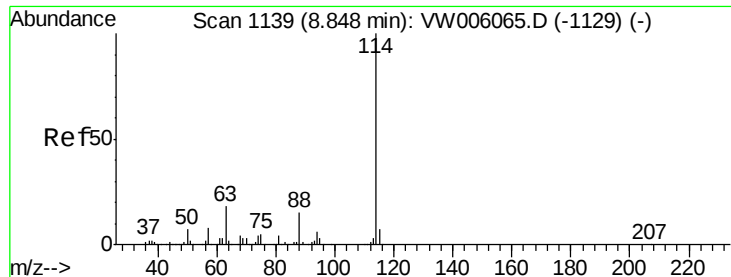
65 100

67 51.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

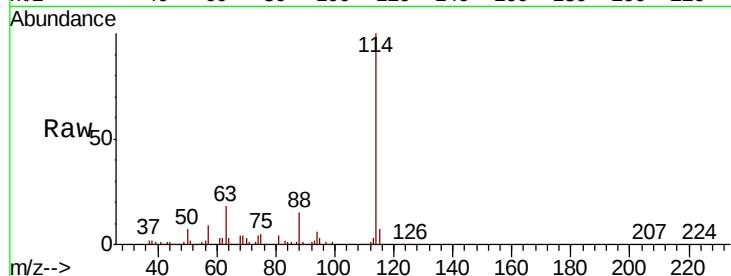




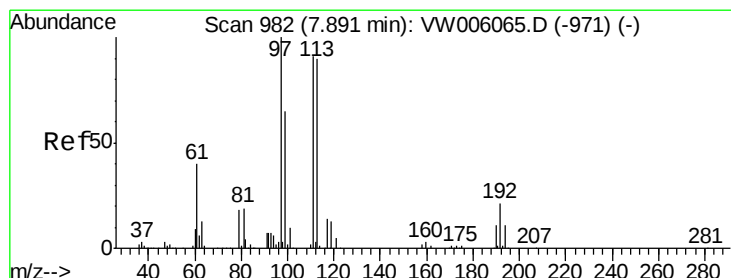
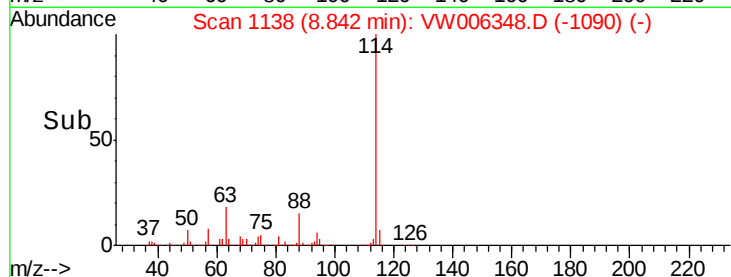
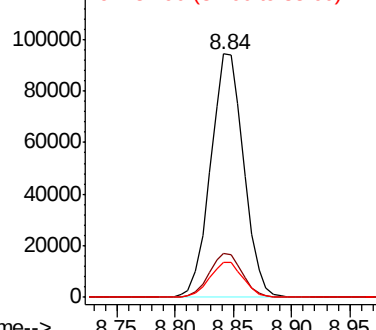
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

Tot Ion:114 Resp: 186973
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.6 0.0 29.0

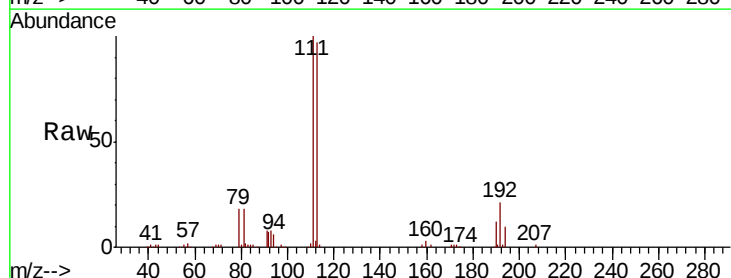


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

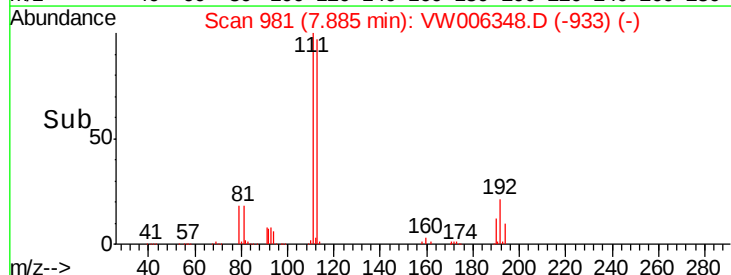
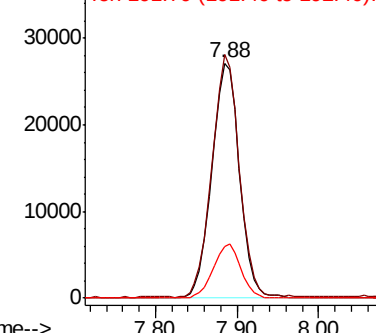


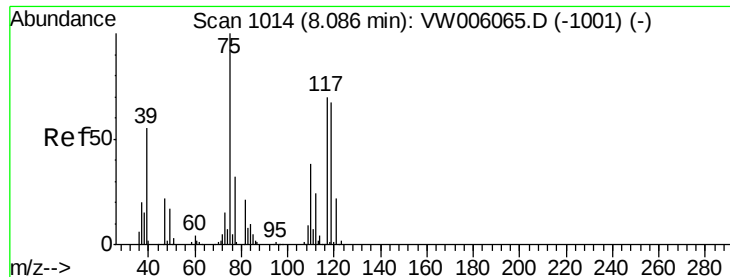
#35
 Dibromofluoromethane
 Concen: 57.886 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

Tgt Ion:113 Resp: 63953
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 22.9 18.7 28.1



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: 6.564 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

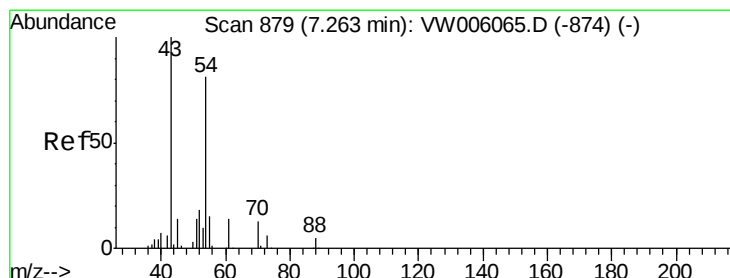
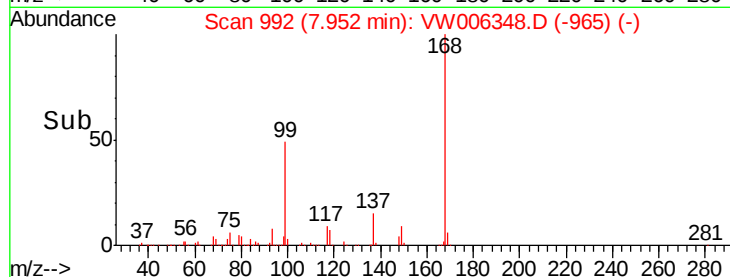
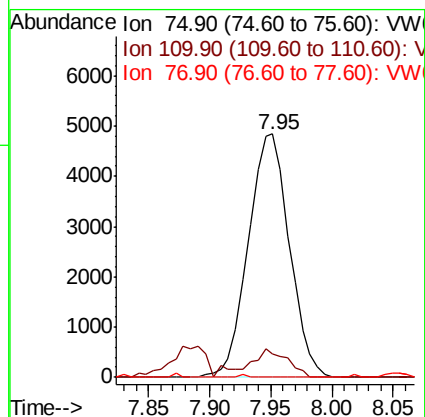
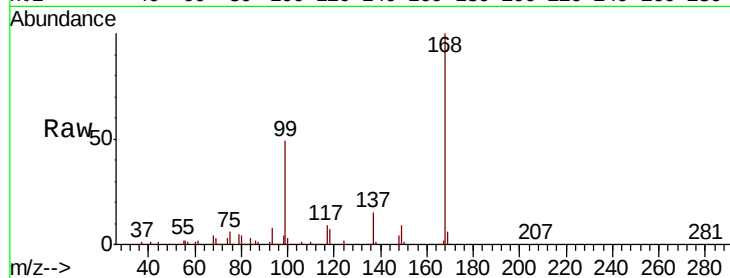
Tot Ion: 75 Resp: 11313

Ion Ratio Lower Upper

75 100

110 10.2 19.1 57.1#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 10.237 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.07 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

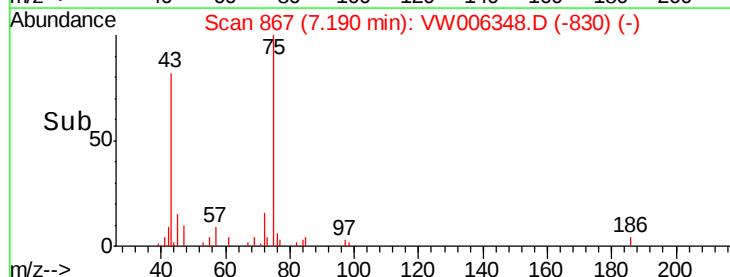
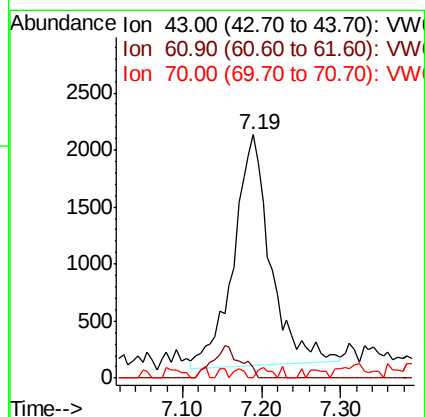
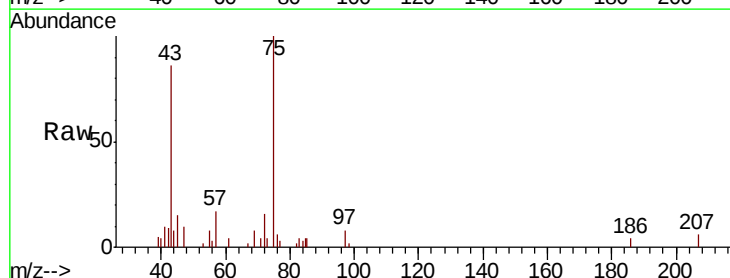
Tgt Ion: 43 Resp: 6555

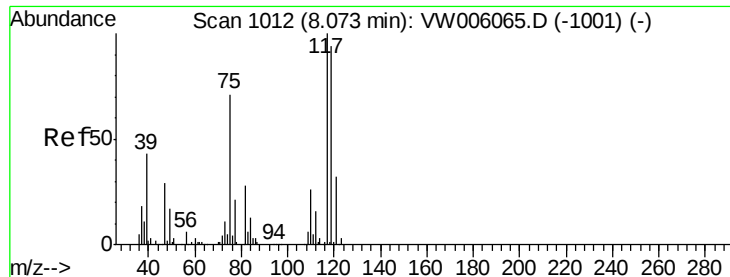
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 1.6 9.2 13.8#

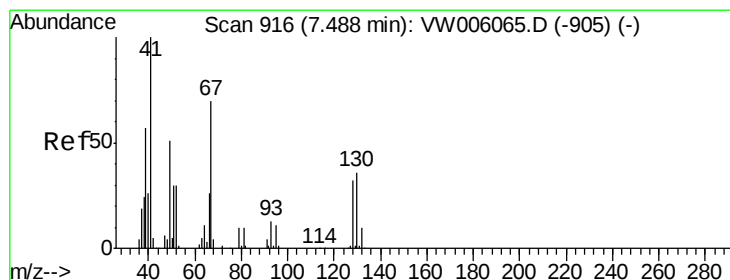
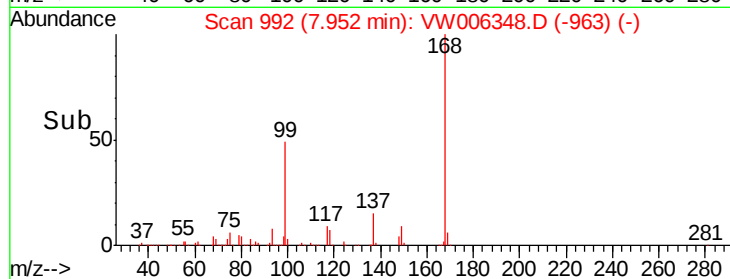
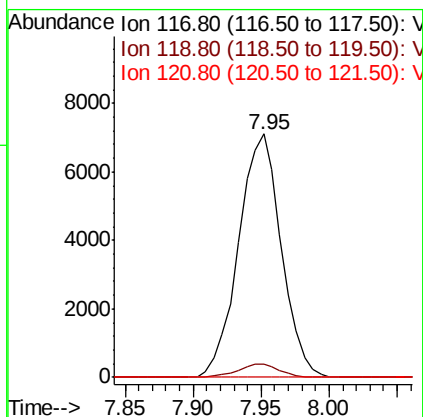
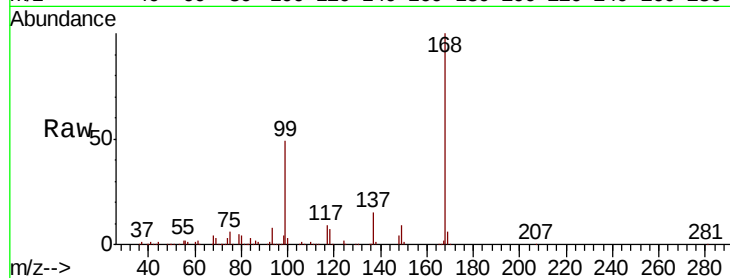




#38
Carbon Tetrachloride
Concen: 8.228 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006348.D
Acq: 25 Oct 2018 06:13

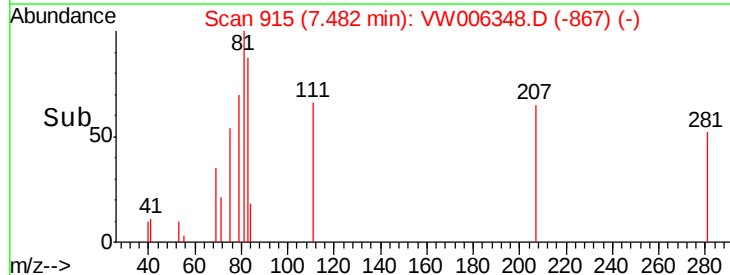
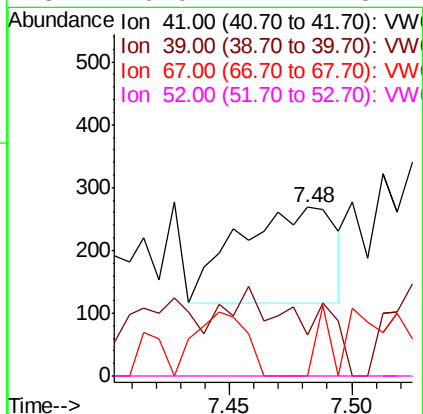
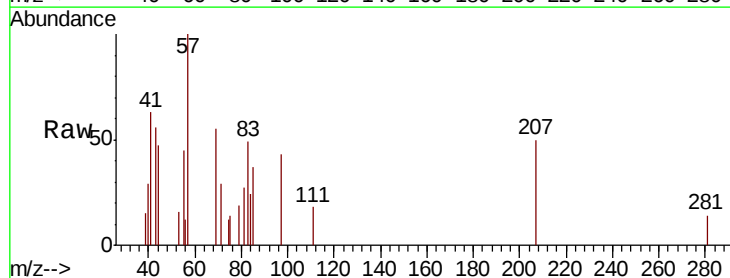
Instrument :
MSVOA_W
ClientSampleId :
VB16206-VB16207-V236-VB16209-V

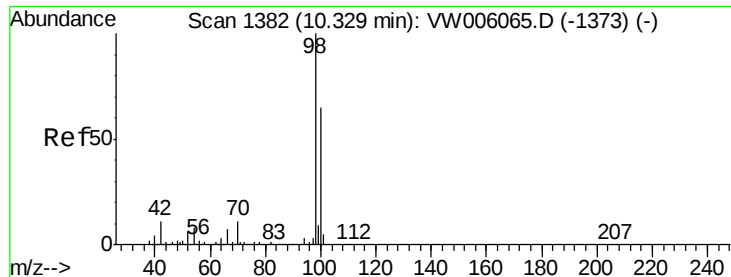
Tot Ion:117 Resp: 15544
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 1.086 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW006348.D
Acq: 25 Oct 2018 06:13

Tgt Ion: 41 Resp: 419
Ion Ratio Lower Upper
41 100
39 0.0 46.2 69.4#
67 9.8 57.7 86.5#
52 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 40.947 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

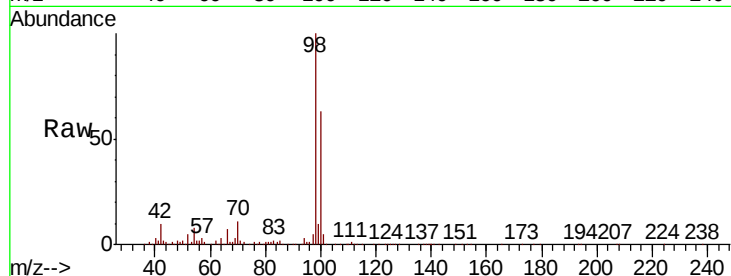
VB16206-VB16207-V236-VB16209-V

Tot Ion: 98 Resp: 172110

Ion Ratio Lower Upper

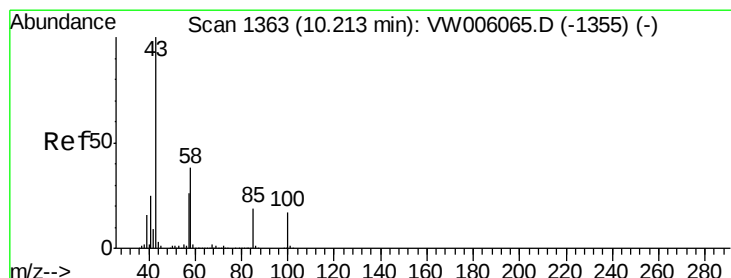
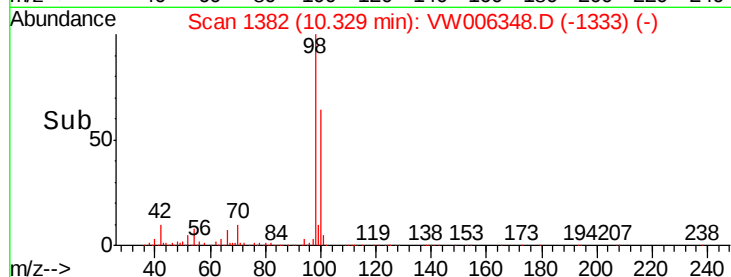
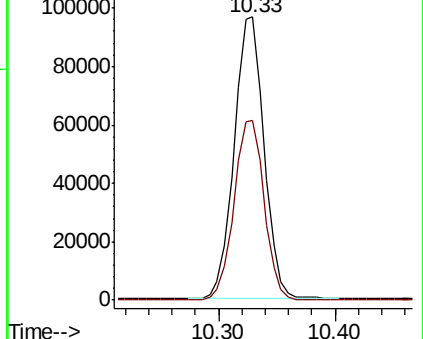
98 100

100 64.5 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: 2.095 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006348.D

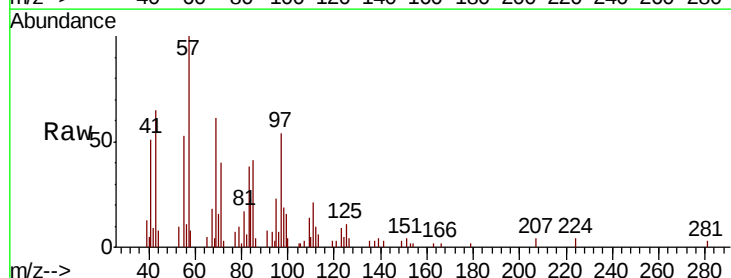
Acq: 25 Oct 2018 06:13

Tgt Ion: 43 Resp: 1374

Ion Ratio Lower Upper

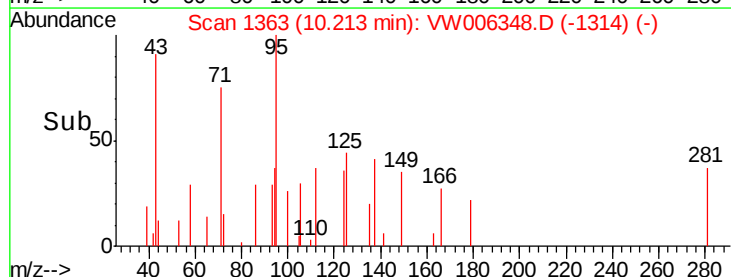
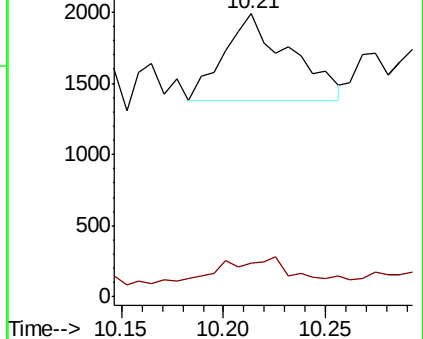
43 100

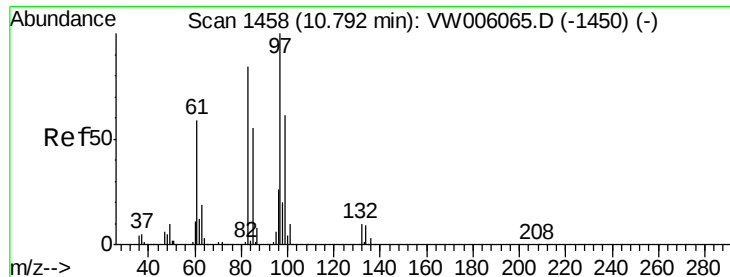
58 34.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

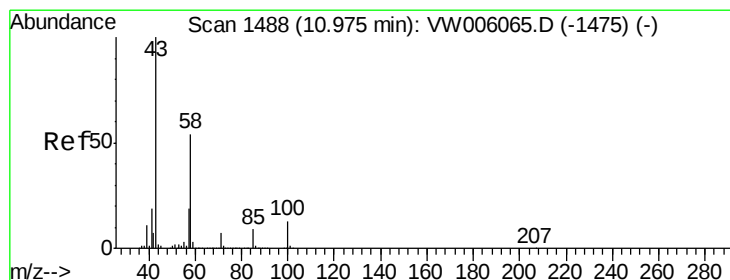
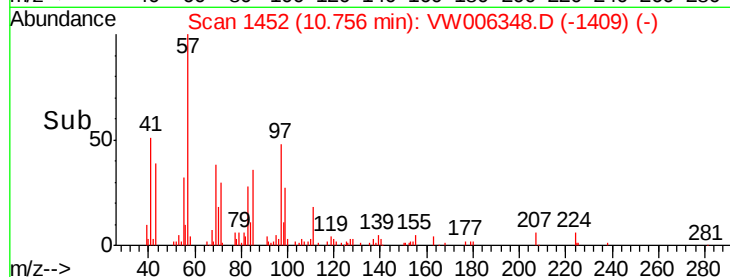
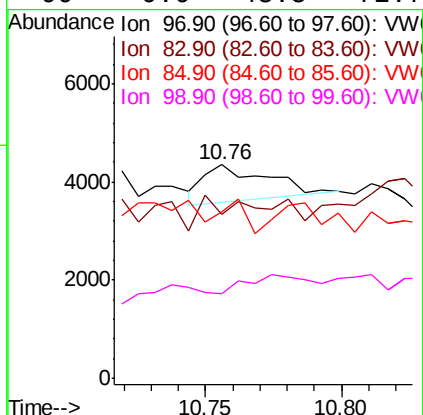
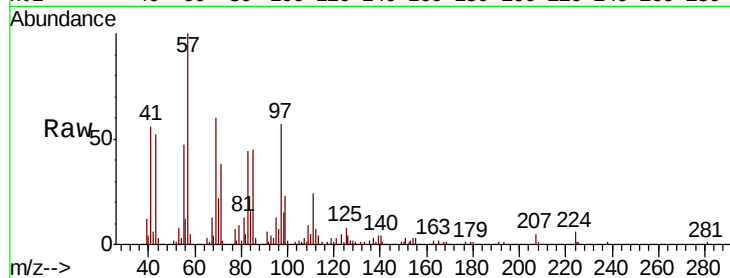




#55
 1,1,2-Trichloroethane
 Concen: 1.388 ug/l
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.04 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

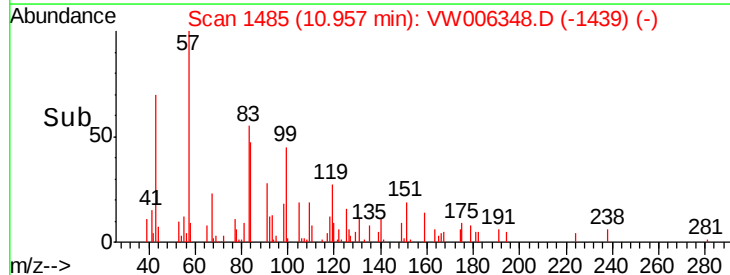
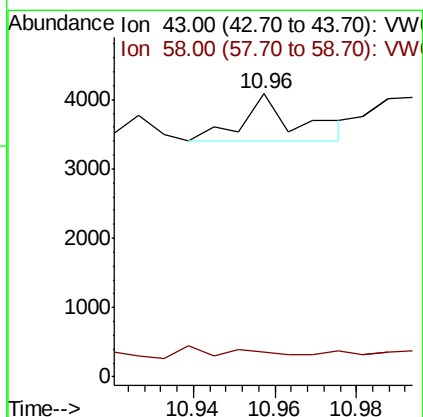
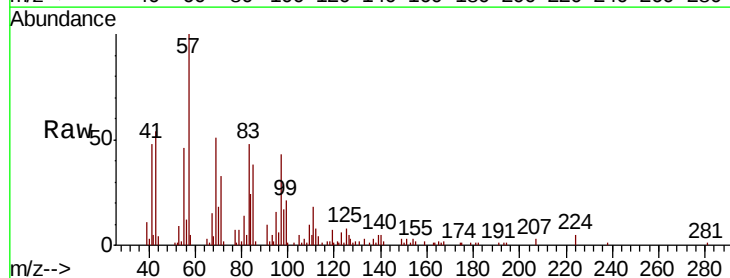
Instrument :
 MSVOA_W
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

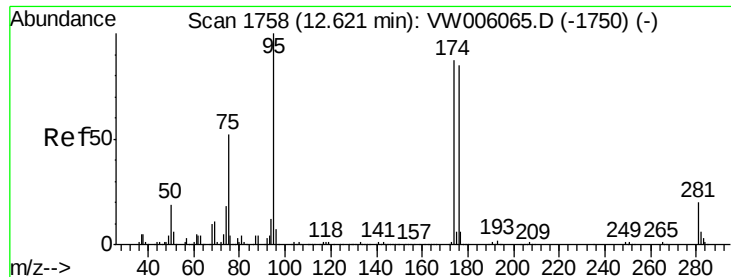
Tot Ion: 97 Resp: 1252
 Ion Ratio Lower Upper
 97 100
 83 62.3 67.2 100.8#
 85 3.6 43.7 65.5#
 99 0.0 48.5 72.7#



#59
 2-Hexanone
 Concen: 1.373 ug/l
 RT: 10.96 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

Tgt Ion: 43 Resp: 643
 Ion Ratio Lower Upper
 43 100
 58 41.1 26.9 80.6





#62

4-Bromofluorobenzene

Concen: 9.538 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

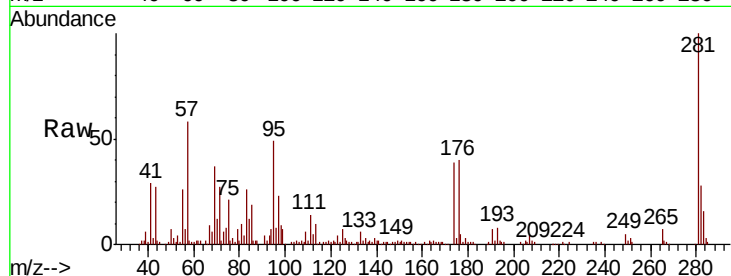
Tot Ion: 95 Resp: 15057

Ion Ratio Lower Upper

95 100

174 92.5 0.0 186.0

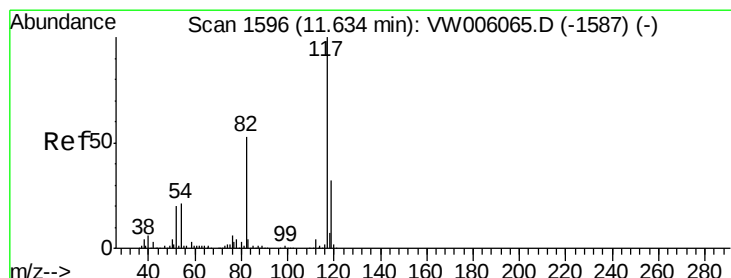
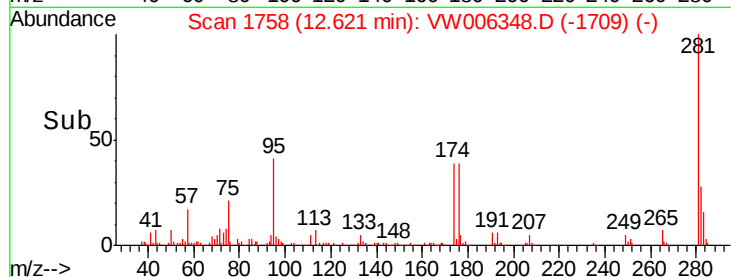
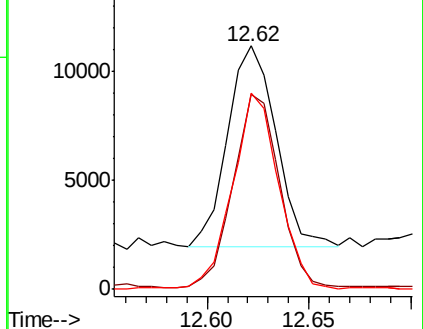
176 93.5 0.0 181.6



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: VW006348.D

Acq: 25 Oct 2018 06:13

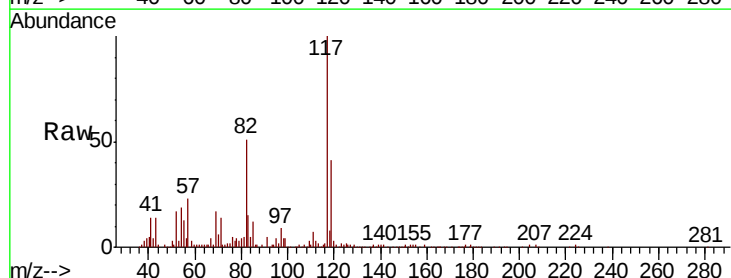
Tgt Ion: 117 Resp: 65609

Ion Ratio Lower Upper

117 100

82 49.3 42.1 63.1

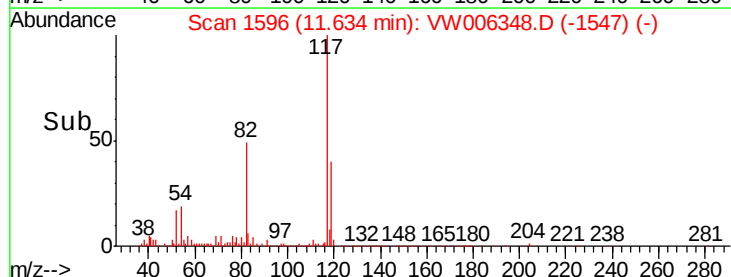
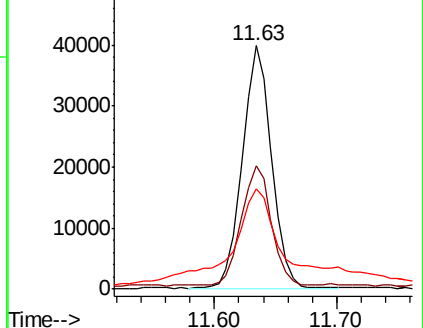
119 33.7 25.8 38.6

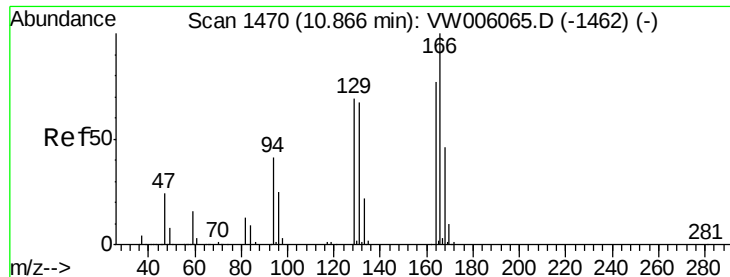


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 1.143 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

Tot Ion:164 Resp: 582

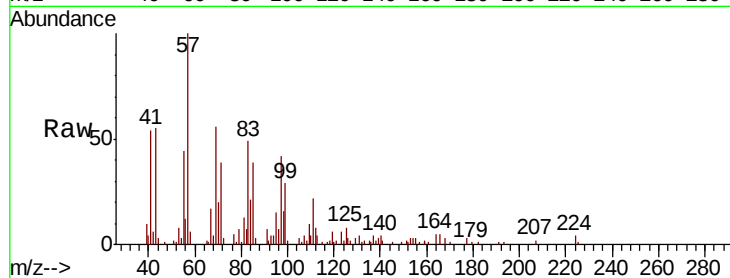
Ion Ratio Lower Upper

164 100

166 104.0 103.4 155.0

129 38.9 71.8 107.8#

131 86.3 69.5 104.3



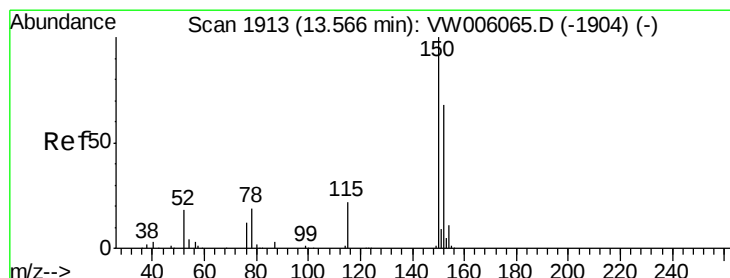
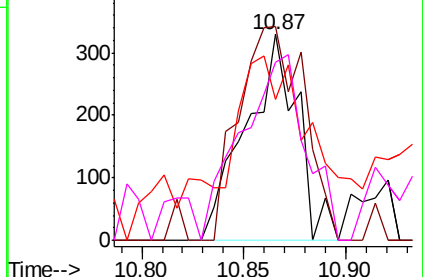
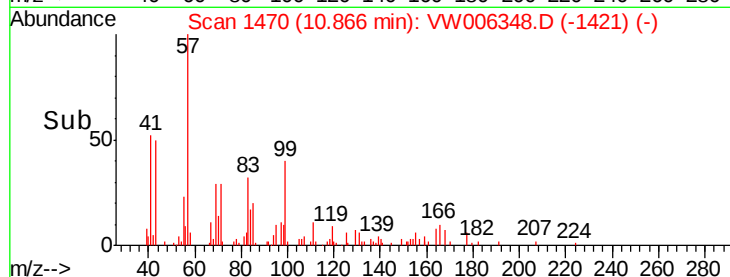
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

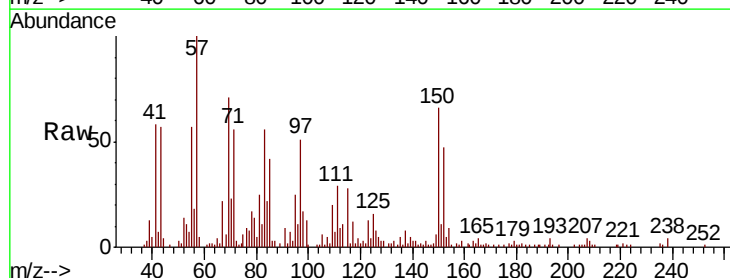
Tgt Ion:152 Resp: 7097

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.3

150 159.3 0.0 349.2

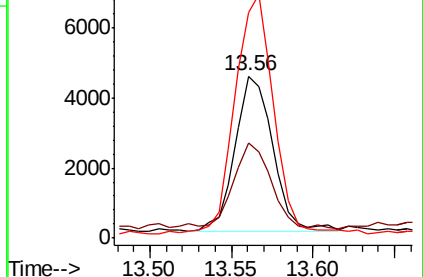
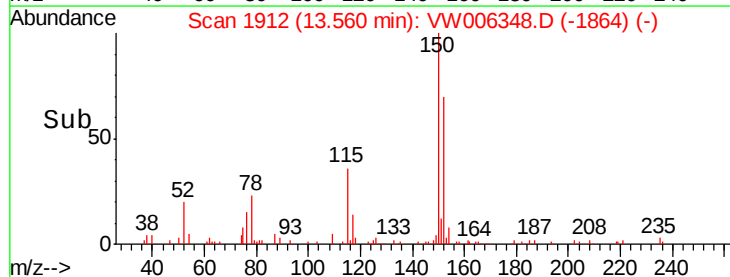


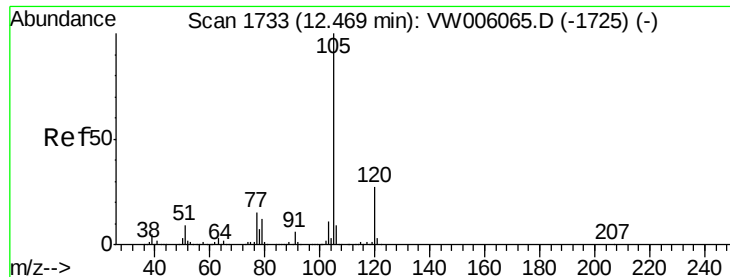
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->





#73

Isopropylbenzene

Concen: 3.044 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

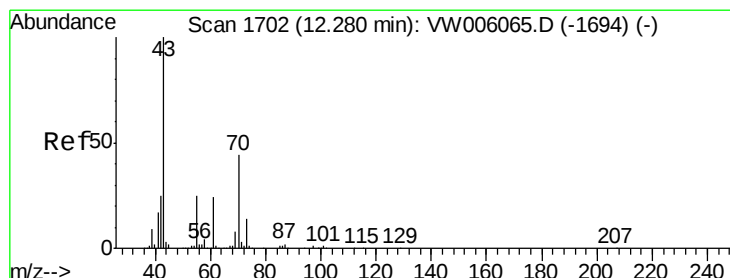
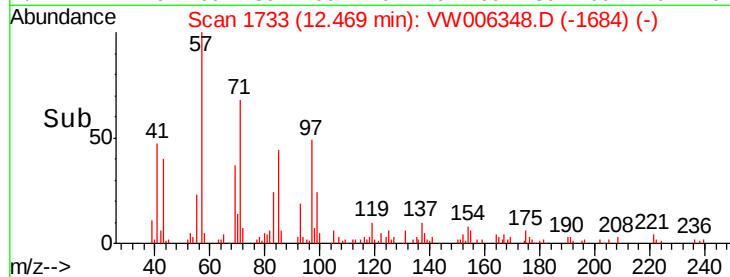
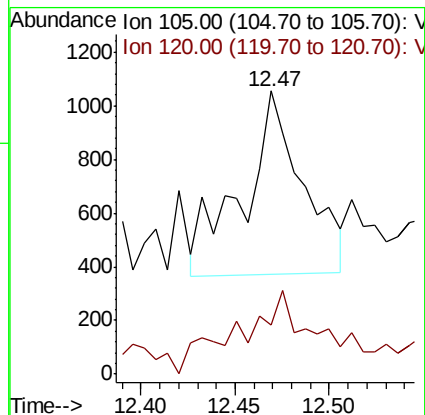
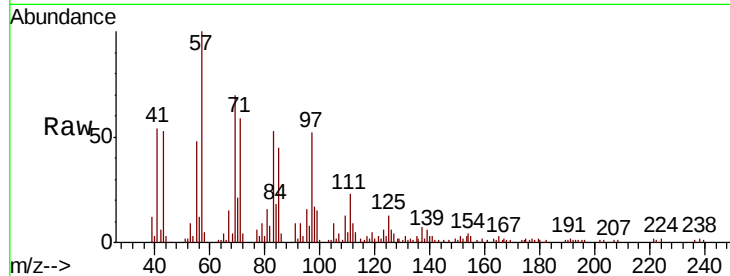
VB16206-VB16207-V236-VB16209-V

Tot Ion:105 Resp: 1526

Ion Ratio Lower Upper

105 100

120 61.5 13.6 40.7#



#74

N-ethyl acetate

Concen: 5.432 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Tgt Ion: 43 Resp: 529

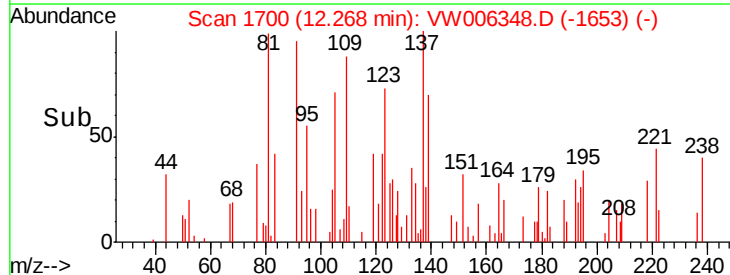
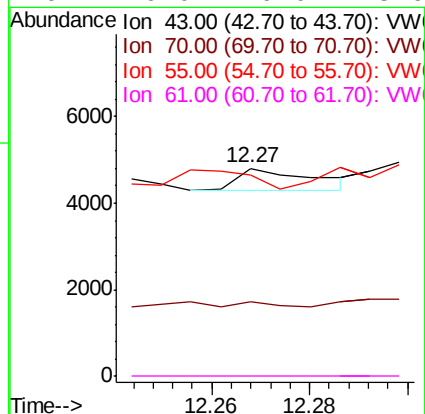
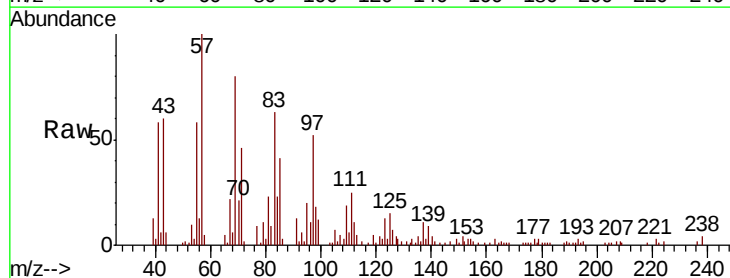
Ion Ratio Lower Upper

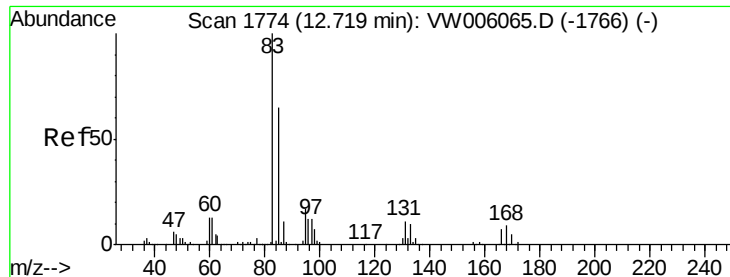
43 100

70 27.0 34.2 51.4#

55 82.6 19.2 28.8#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 9.573 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

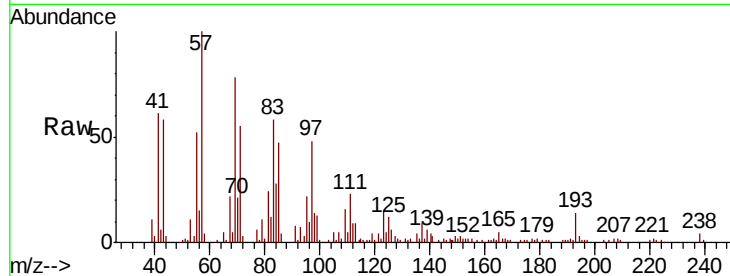
Tot Ion: 83 Resp: 730

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 820.4 31.9 95.9#



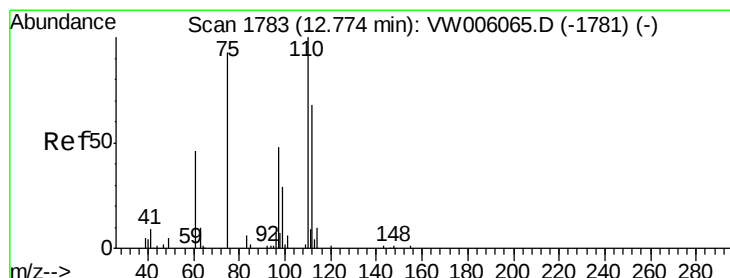
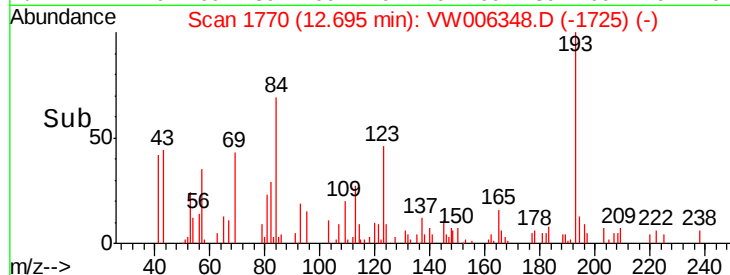
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

12.69

Time-->



#76

1,2,3-Trichloropropane

Concen: 141.273 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006348.D

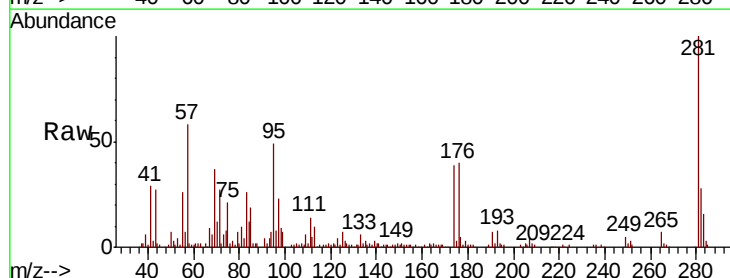
Acq: 25 Oct 2018 06:13

Tgt Ion: 75 Resp: 7658

Ion Ratio Lower Upper

75 100

77 3.3 0.0 0.0#

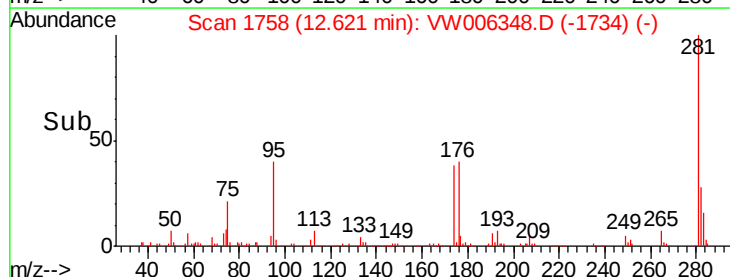


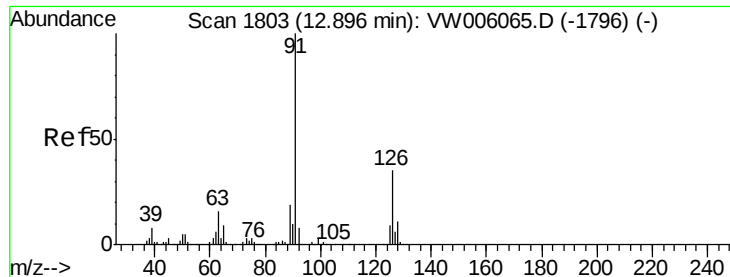
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

Time-->





#79

2-Chlorotoluene

Concen: 3.774 ug/l

RT: 12.91 min Scan# 1806

Delta R.T. 0.02 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

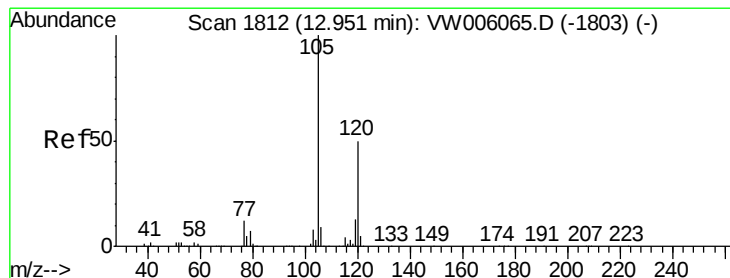
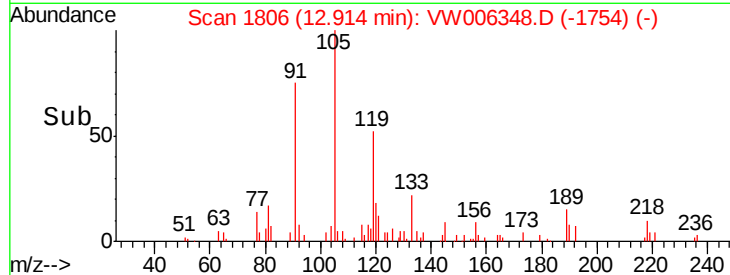
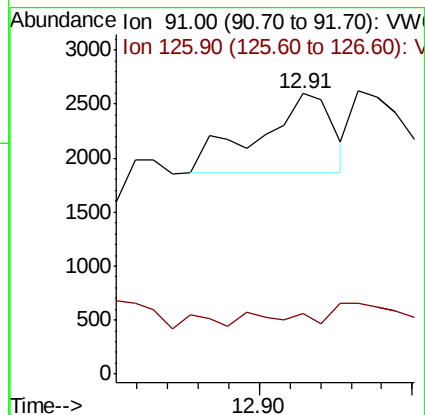
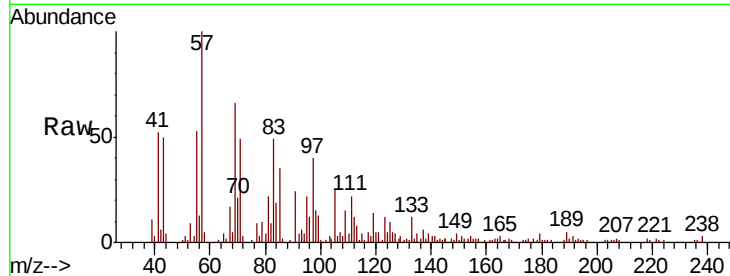
VB16206-VB16207-V236-VB16209-V

Tot Ion: 91 Resp: 1237

Ion Ratio Lower Upper

91 100

126 20.2 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 6.350 ug/l

RT: 13.10 min Scan# 1837

Delta R.T. 0.15 min

Lab File: VW006348.D

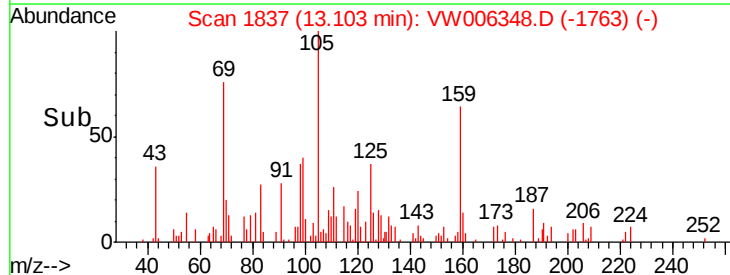
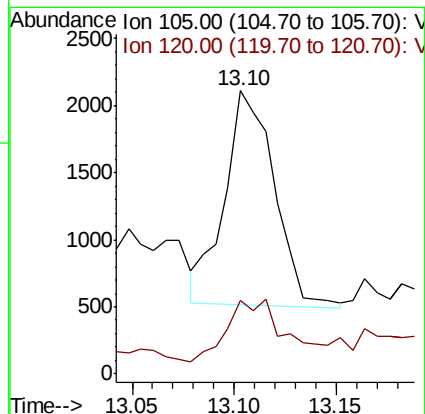
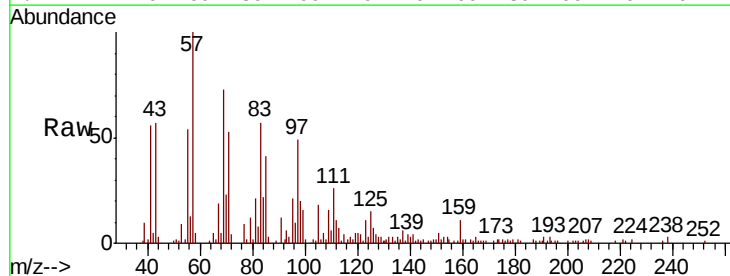
Acq: 25 Oct 2018 06:13

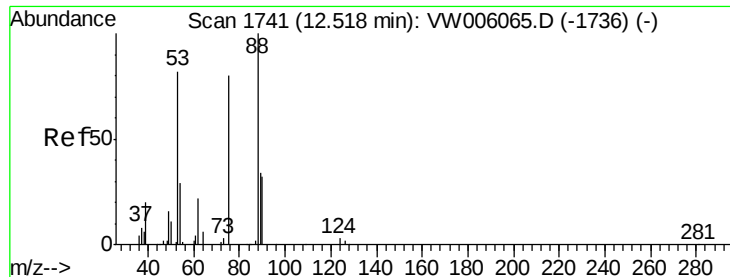
Tgt Ion:105 Resp: 2684

Ion Ratio Lower Upper

105 100

120 34.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 337.698 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

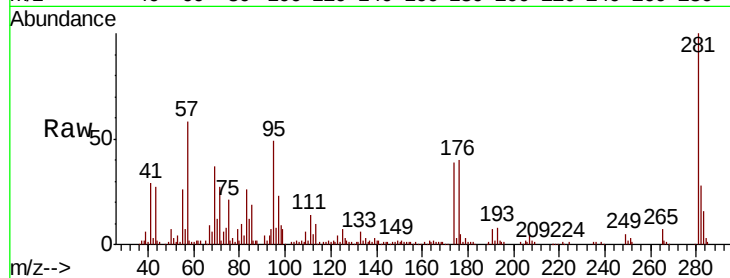
Tot Ion: 75 Resp: 7658

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

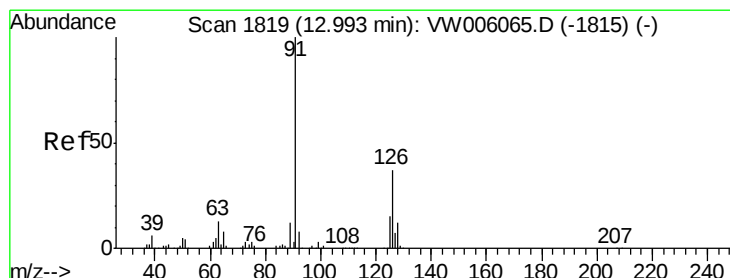
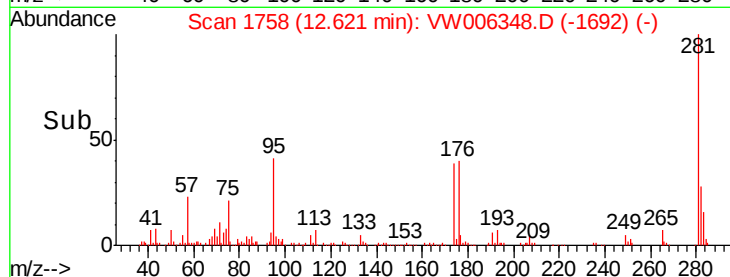
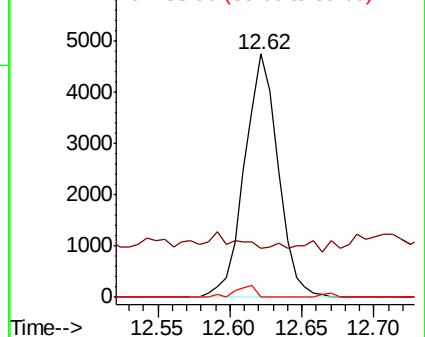
89 2.8 37.5 56.3#



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



#82

4-Chlorotoluene

Concen: 3.778 ug/l

RT: 12.91 min Scan# 1806

Delta R.T. -0.08 min

Lab File: VW006348.D

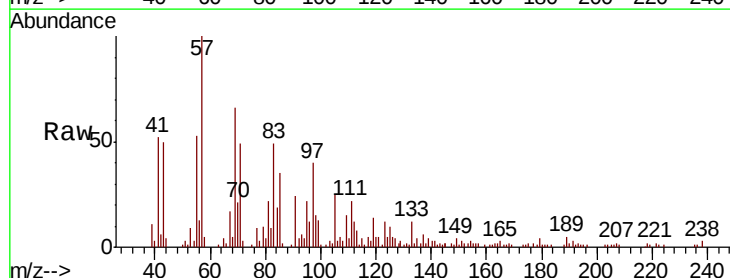
Acq: 25 Oct 2018 06:13

Tgt Ion: 91 Resp: 1297

Ion Ratio Lower Upper

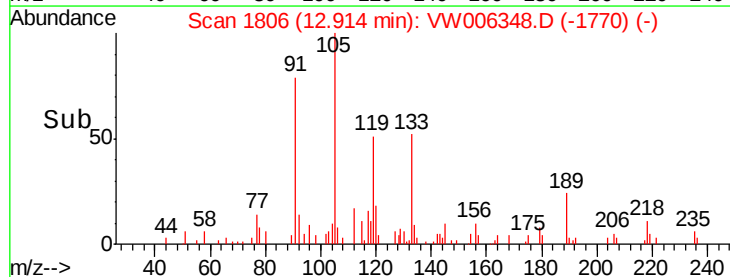
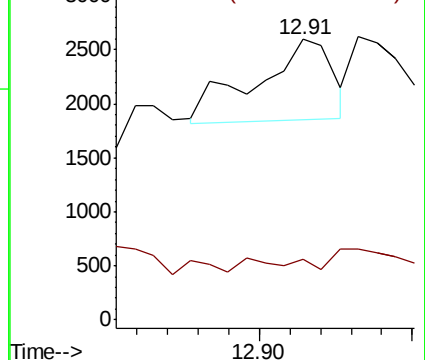
91 100

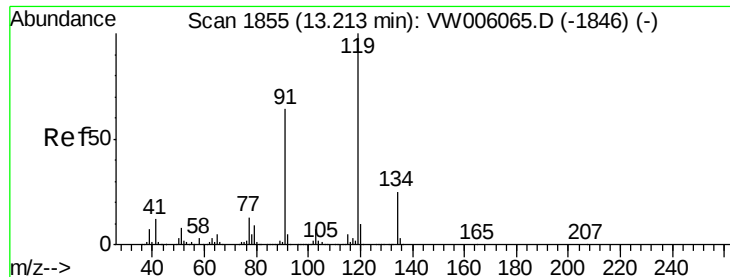
126 19.3 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 27.636 ug/l

RT: 13.16 min Scan# 1846

Delta R.T. -0.05 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

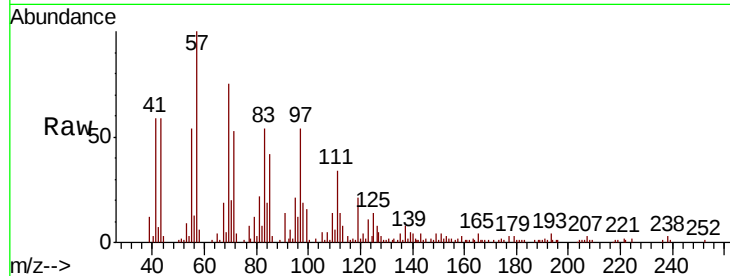
Tot Ion:119 Resp: 10451

Ion Ratio Lower Upper

119 100

91 25.4 32.3 96.9#

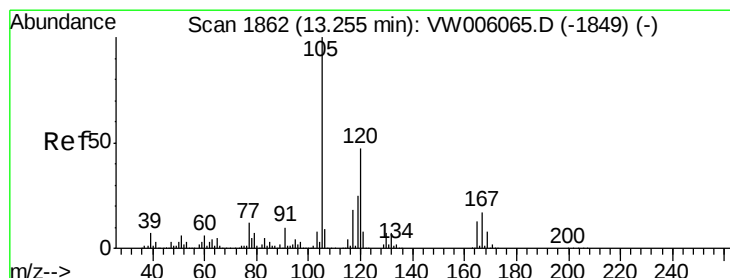
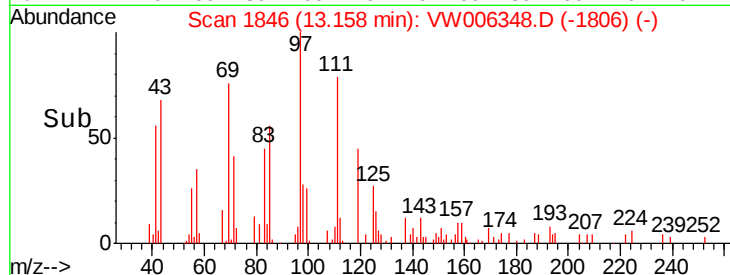
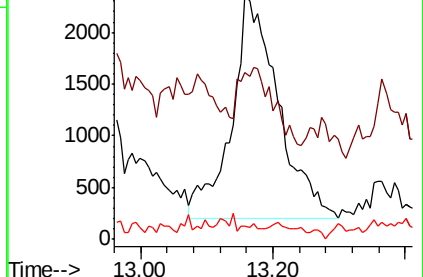
134 0.0 13.6 40.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.170 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006348.D

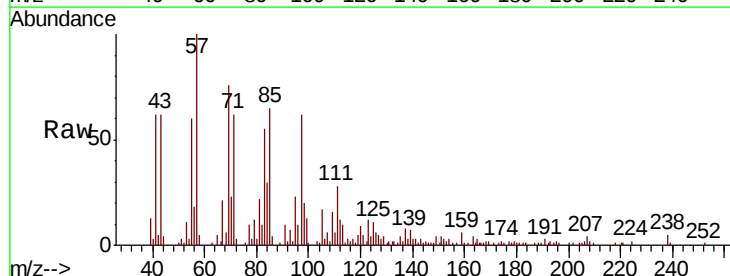
Acq: 25 Oct 2018 06:13

Tgt Ion:105 Resp: 2639

Ion Ratio Lower Upper

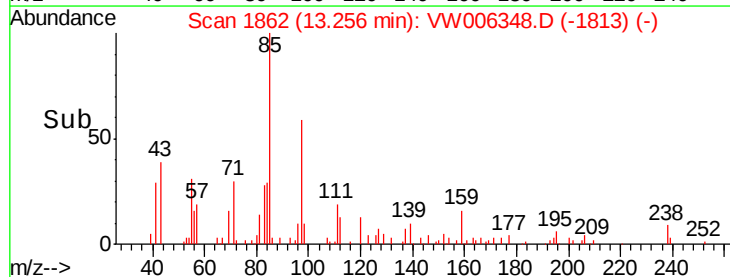
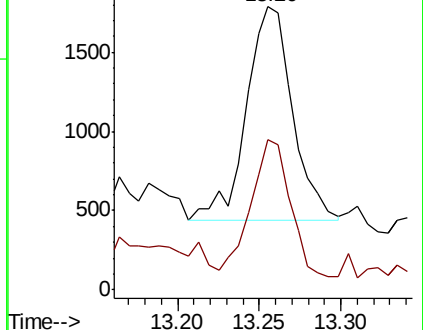
105 100

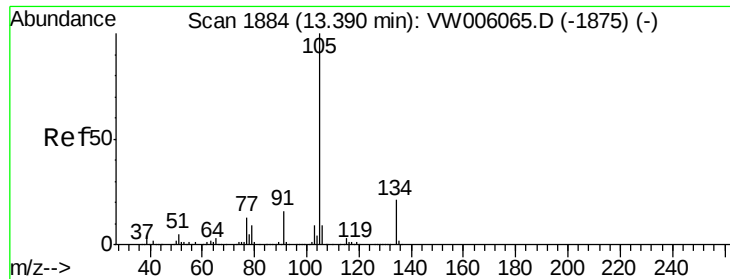
120 55.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.147 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

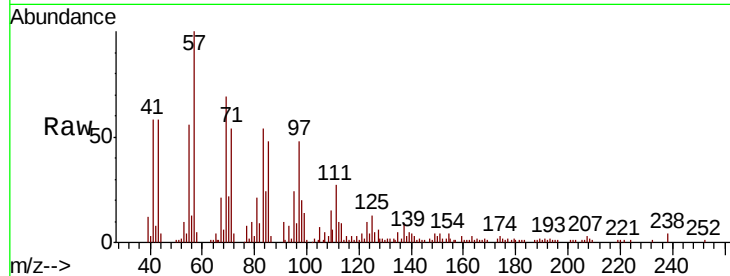
VB16206-VB16207-V236-VB16209-V

Tot Ion:105 Resp: 1147

Ion Ratio Lower Upper

105 100

134 12.6 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

800

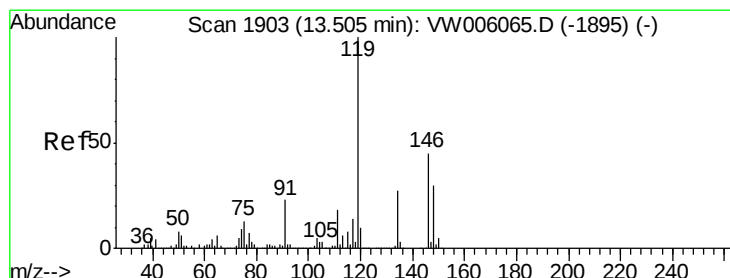
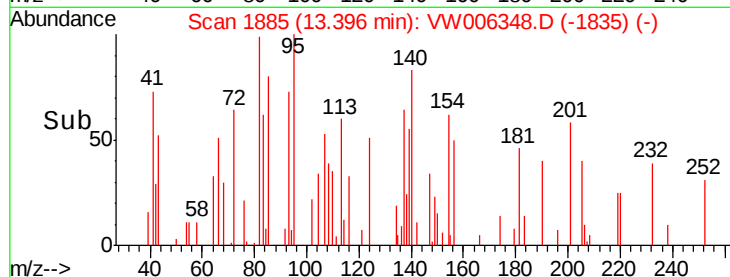
600

400

200

0

Time-->



#86

p-Isopropyltoluene

Concen: 1.742 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

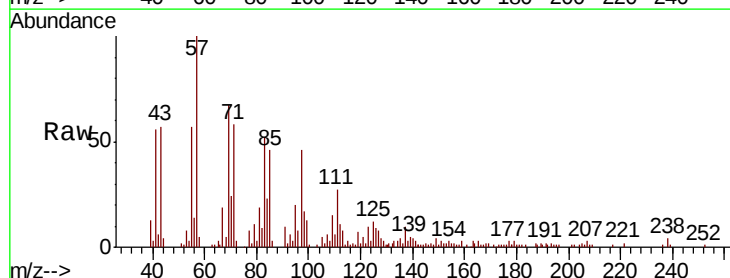
Tgt Ion:119 Resp: 842

Ion Ratio Lower Upper

119 100

134 61.4 13.4 40.2#

91 33.8 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

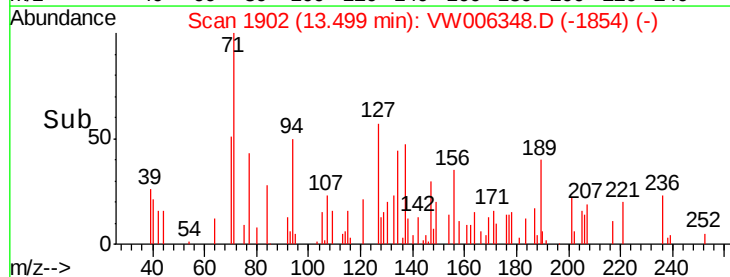
1500

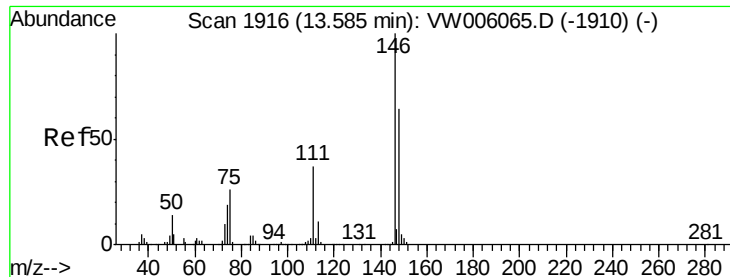
1000

500

0

Time-->

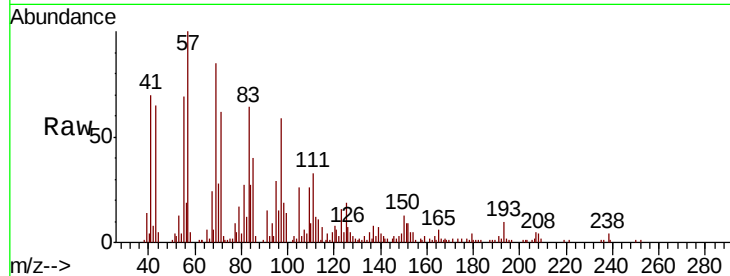




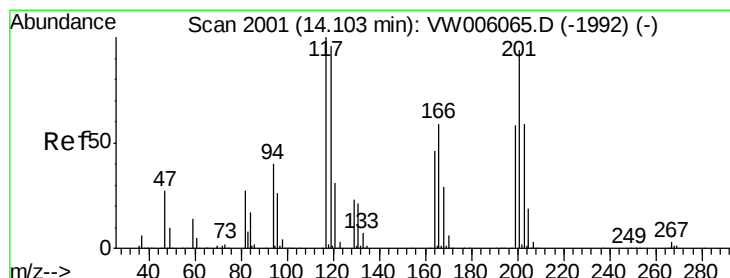
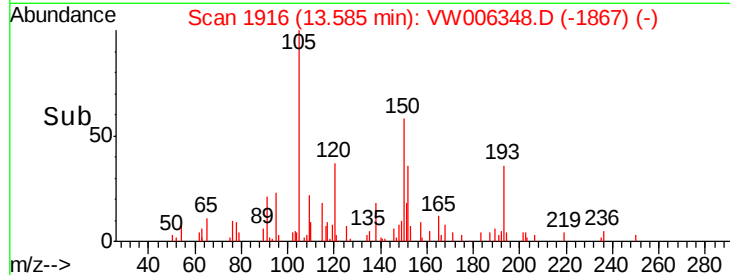
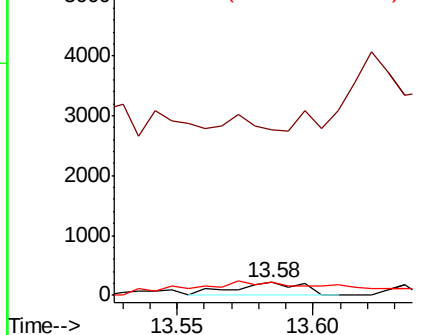
#88
 1,4-Dichlorobenzene
 Concen: 1.582 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

Tot Ion:146 Resp: 385
 Ion Ratio Lower Upper
 146 100
 111 49.6 18.6 56.0
 148 174.0 32.1 96.5#

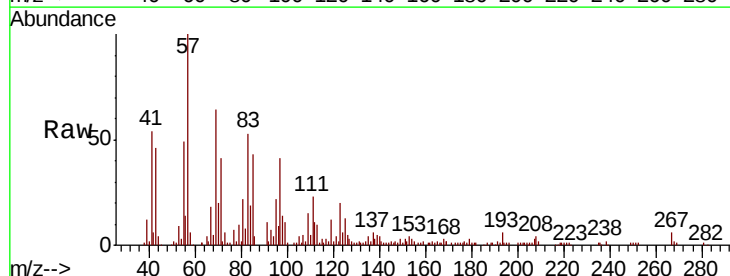


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

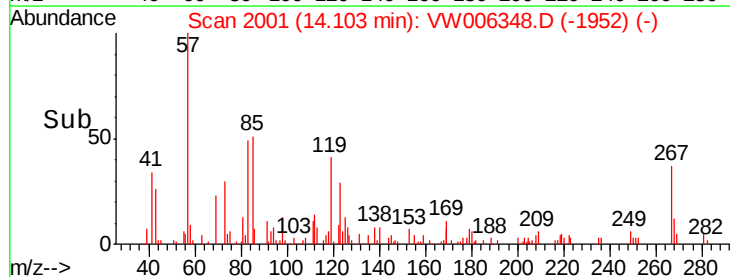
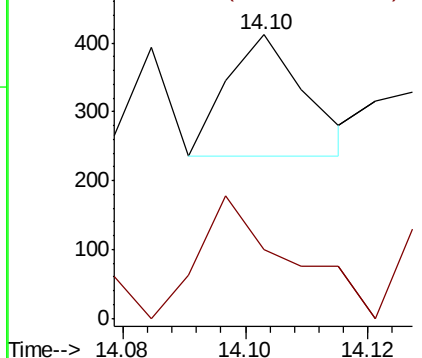


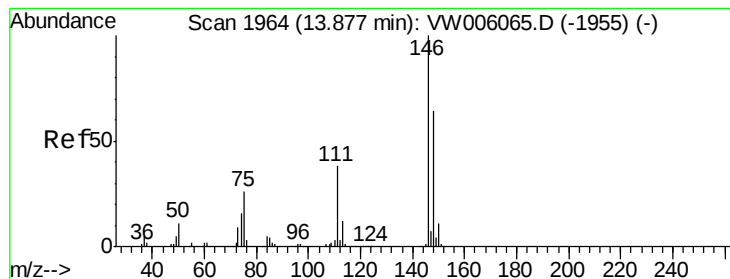
#90
 Hexachloroethane
 Concen: 1.906 ug/l
 RT: 14.10 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

Tgt Ion:117 Resp: 156
 Ion Ratio Lower Upper
 117 100
 201 114.7 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.174 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

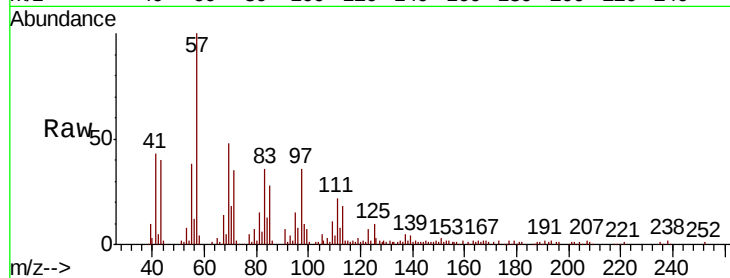
Tot Ion:146 Resp: 256

Ion Ratio Lower Upper

146 100

111 1249.2 19.6 58.7#

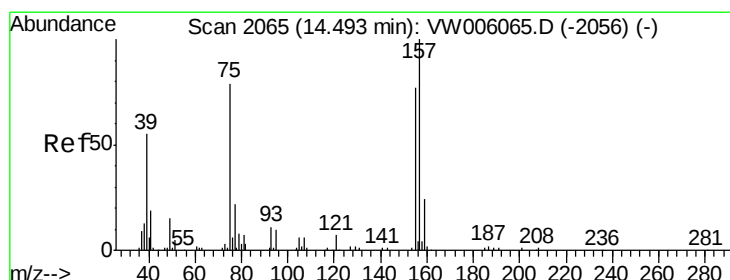
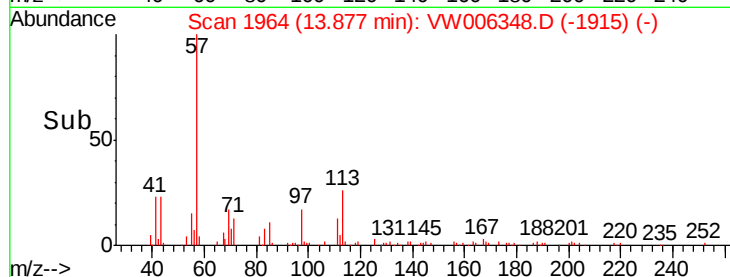
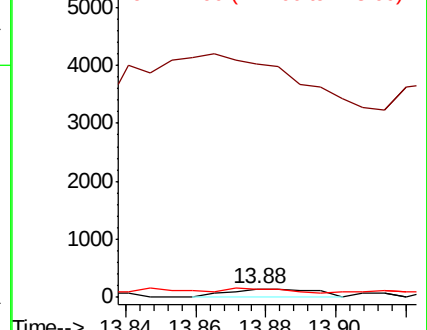
148 35.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.175 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

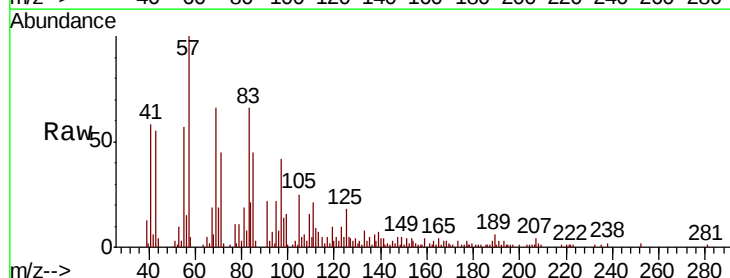
Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

155 157.9 46.5 139.5#

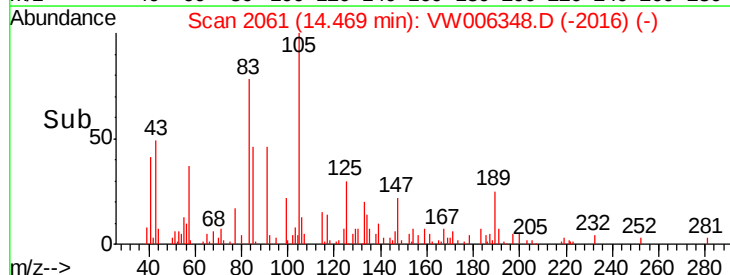
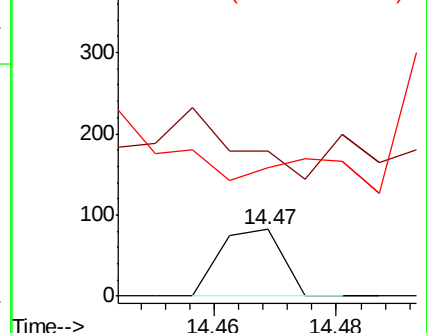
157 0.0 59.8 179.4#

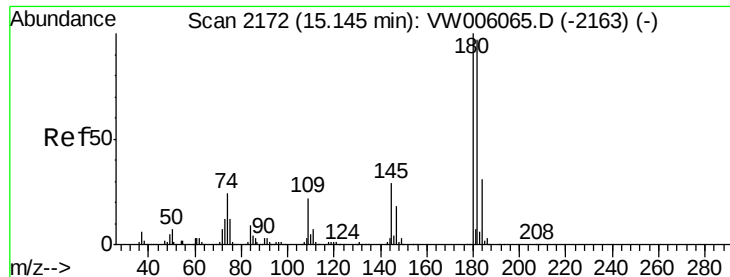


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

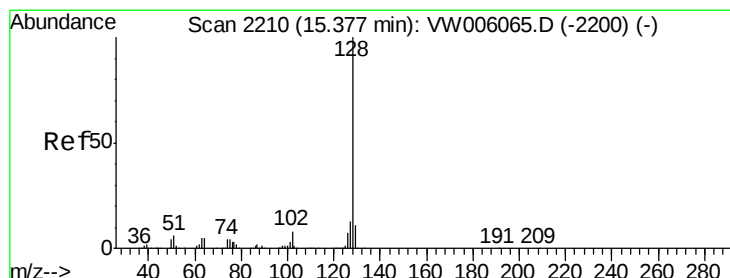
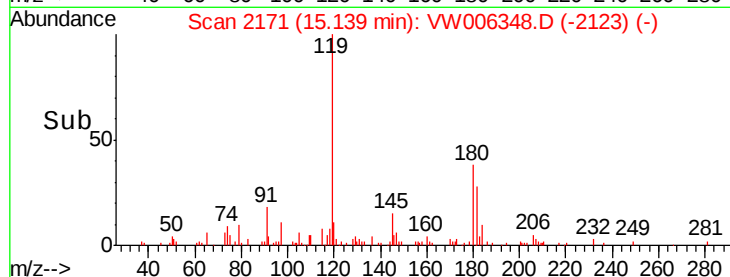
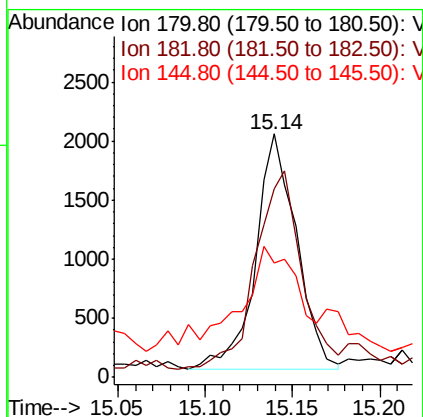
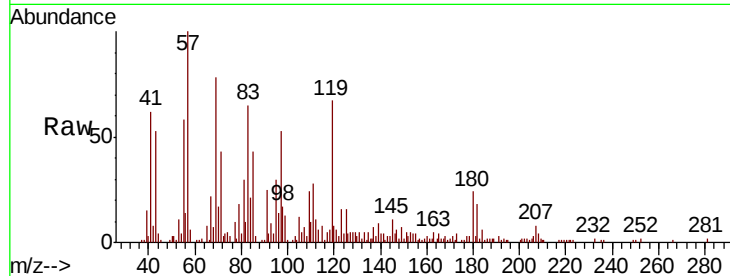




#93
 1,2,4-Trichlorobenzene
 Concen: 19.285 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

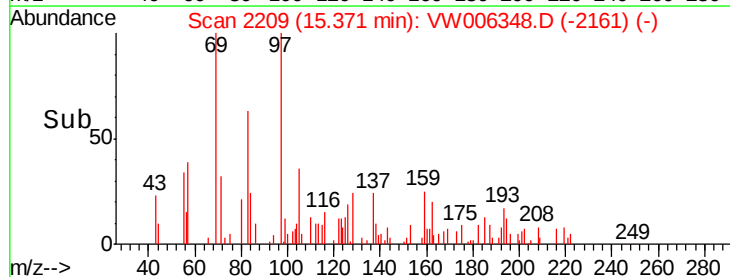
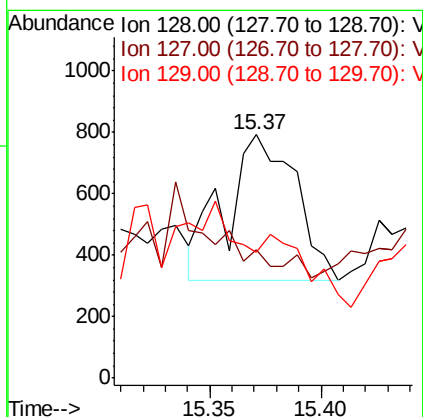
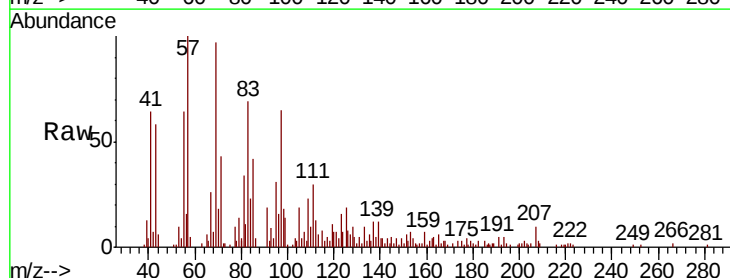
Instrument :
 MSVOA_W
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

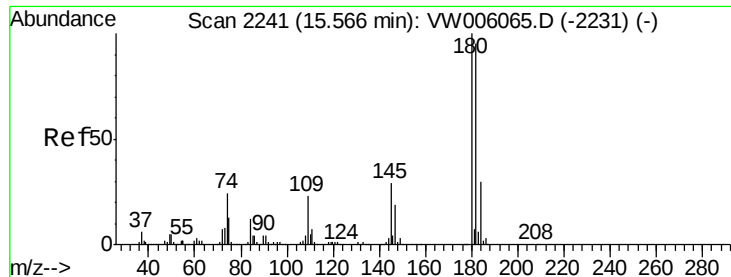
Tot Ion:180 Resp: 3235
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 66.0 14.2 42.8#



#95
 Naphthalene
 Concen: 3.684 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW006348.D
 Acq: 25 Oct 2018 06:13

Tgt Ion:128 Resp: 1028
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 30.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 4.073 ug/l

RT: 15.57 min Scan# 2242

Delta R.T. 0.01 min

Lab File: VW006348.D

Acq: 25 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

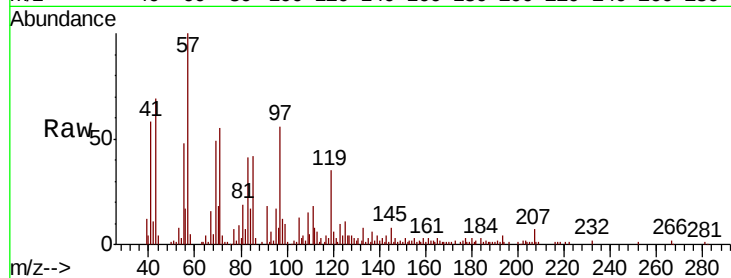
Tot Ion:180 Resp: 591

Ion Ratio Lower Upper

180 100

182 106.6 47.8 143.3

145 0.0 15.0 45.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

