

Data File : VW010783.D
Acq On : 12 Jun 2019 17:35
Operator : SY/VA
Sample : K3303-03
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BAT-B02

Quant Time: Jun 13 07:38:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135863	59.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.58%	
35) Dibromofluoromethane	7.88	113	100892	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
50) Toluene-d8	10.32	98	439660	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	12.62	95	143968	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

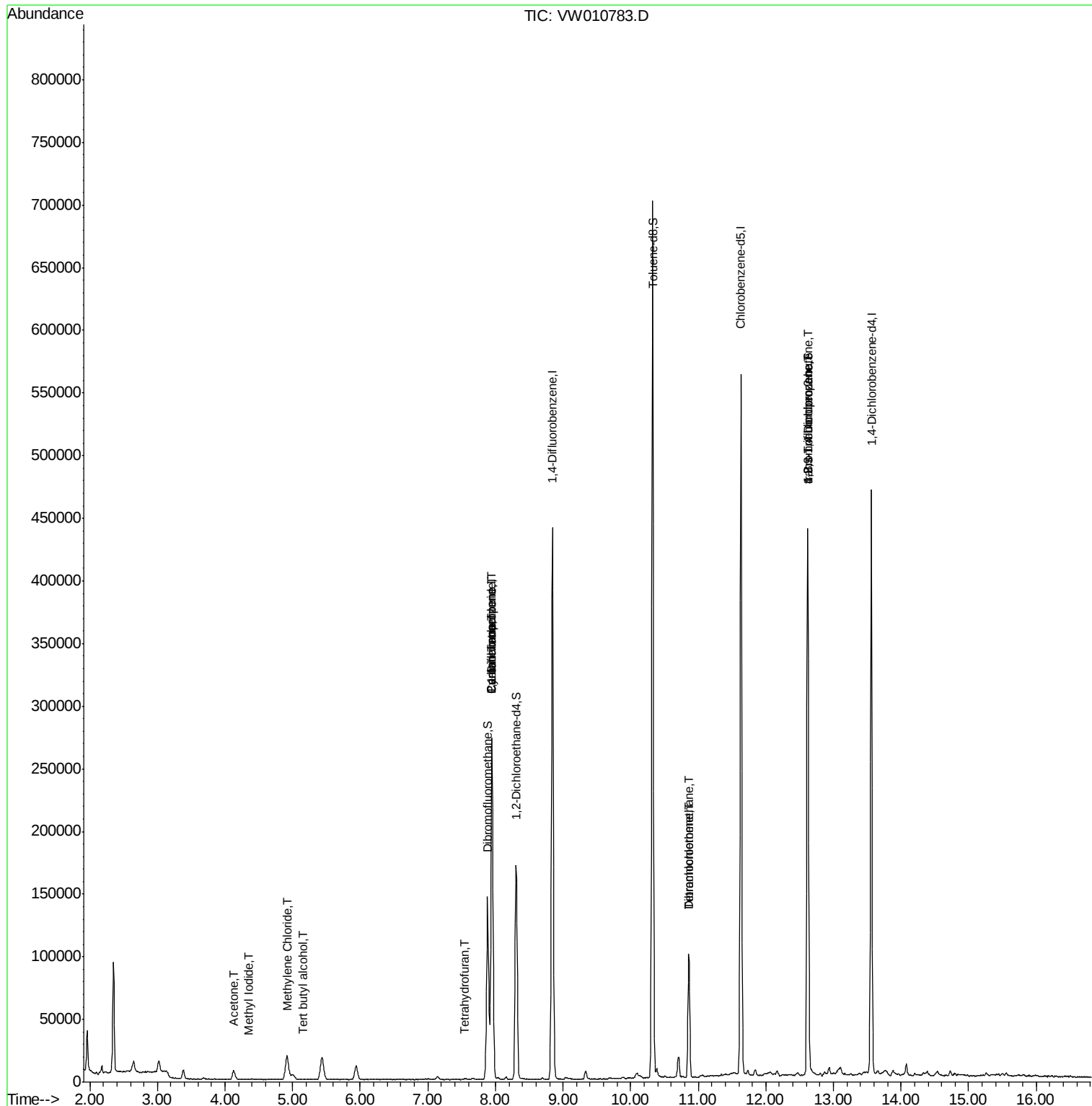
						Qvalue
10) Methyl Iodide	4.35	142	19	4.807	ug/l #	41
11) Tert butyl alcohol	5.16	59	352	1.901	ug/l #	72
16) Acetone	4.13	43	12671	20.811	ug/l	96
20) Methylene Chloride	4.91	84	12472	5.839	ug/l	94
29) Tetrahydrofuran	7.55	42	790	1.488	ug/l #	67
31) Cyclohexane	7.95	56	7090	1.546	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	16784	4.863	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19771	6.636	ug/l #	17
60) Dibromochloromethane	10.86	129	19225	10.399	ug/l #	11
64) Tetrachloroethene	10.87	164	21281	11.227	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	77951	67.658	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77951	155.500	ug/l #	6

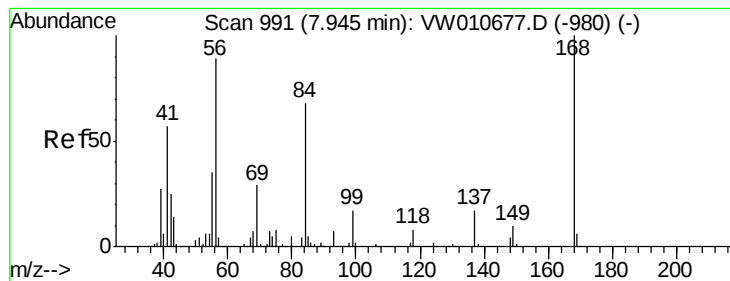
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010783.D

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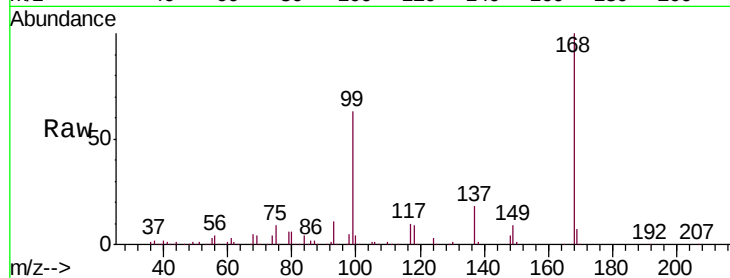
Instrument :
MSVOA_W
ClientSampled :
BAT-B02

Tgt Ion:168 Resp: 192788

Ion Ratio Lower Upper

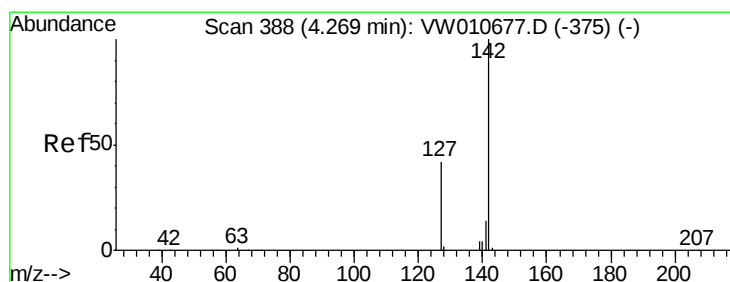
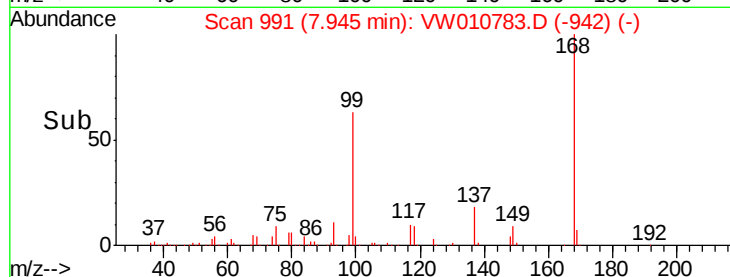
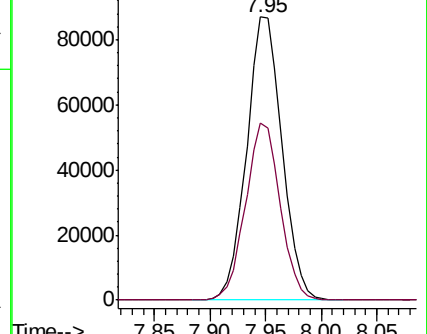
168 100

99 62.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.35 min Scan# 401

Delta R.T. 0.08 min

Lab File: VW010783.D

Acq: 12 Jun 2019 17:35

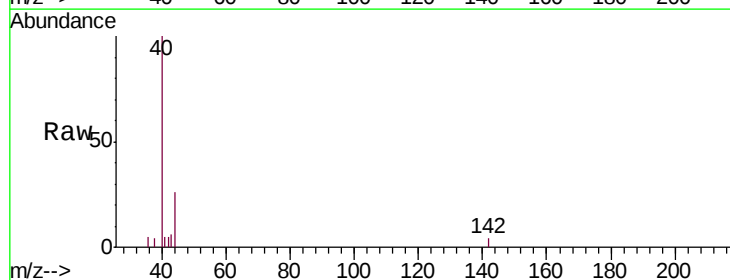
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

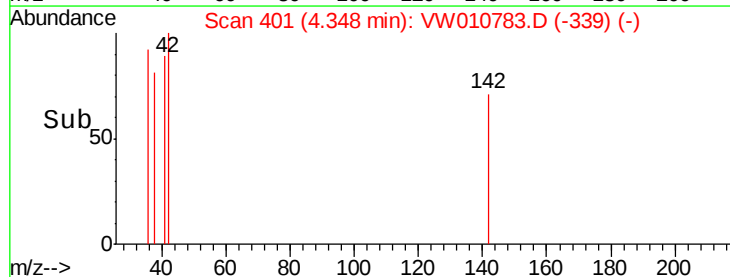
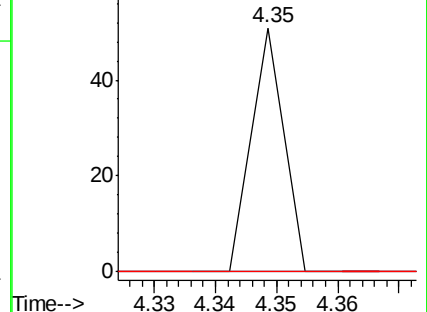
141 0.0 11.6 17.4#

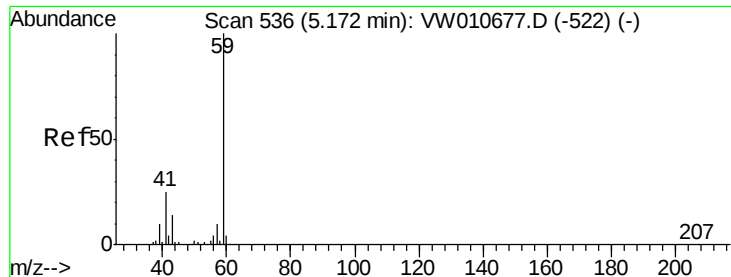


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

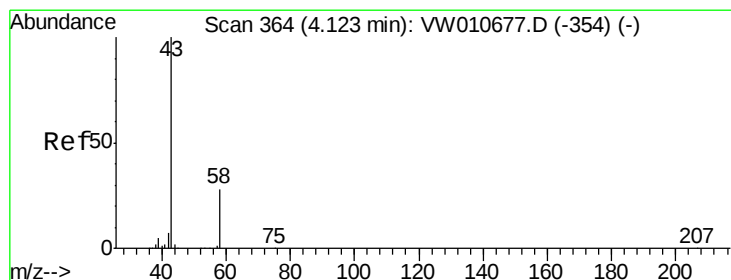
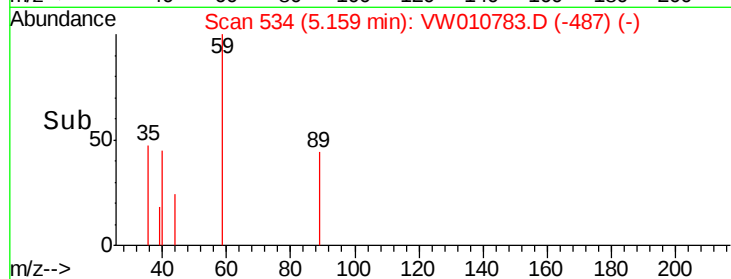
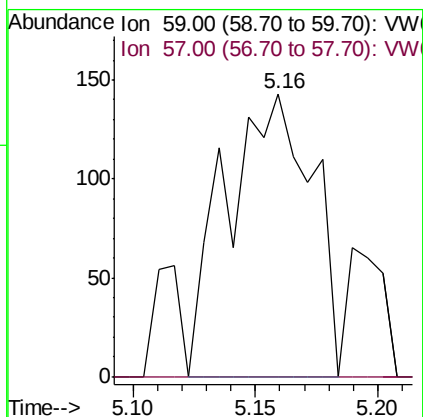
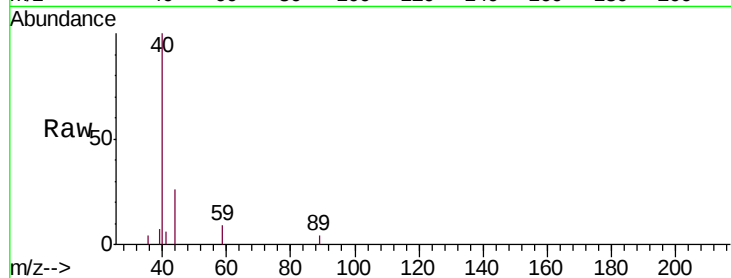




#11
Tert butyl alcohol
Concen: 1.901 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

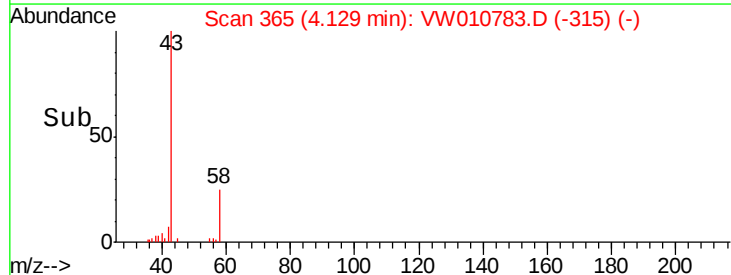
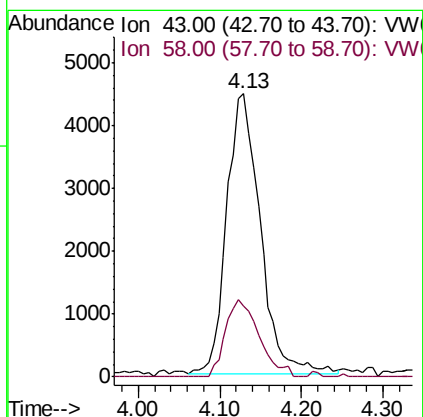
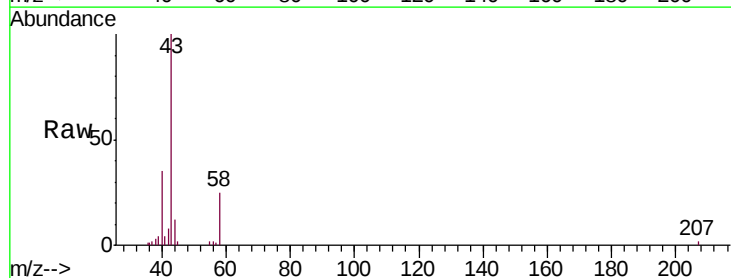
Instrument :
MSVOA_W
ClientSampled :
BAT-B02

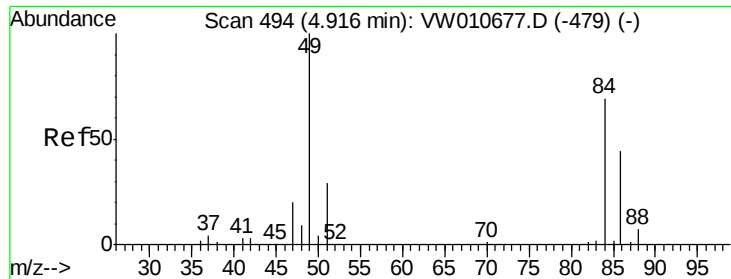
Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 20.811 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

Tgt Ion: 43 Resp: 12671
Ion Ratio Lower Upper
43 100
58 25.4 22.1 33.1

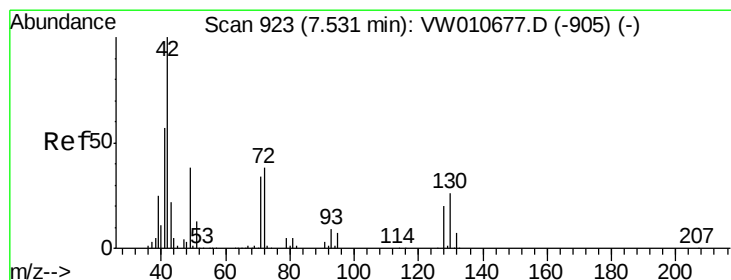
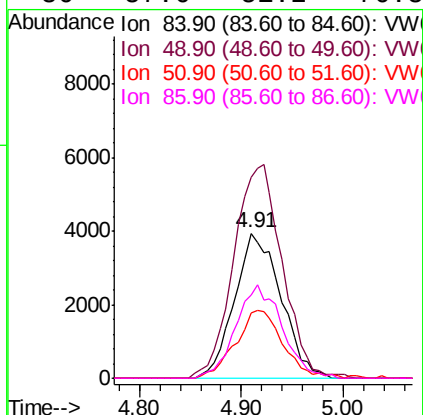
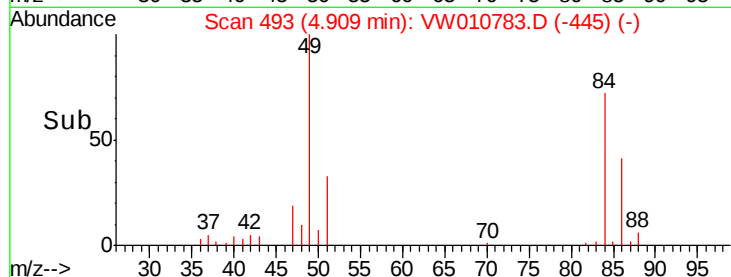
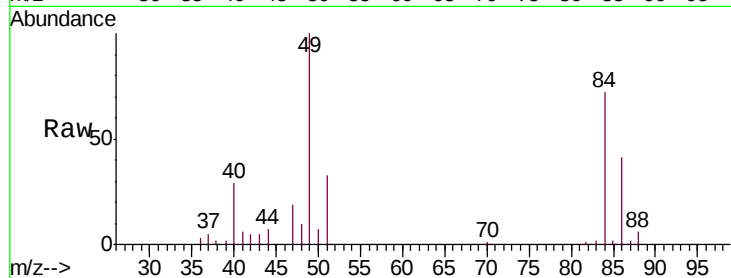




#20
Methylene Chloride
Concen: 5.839 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

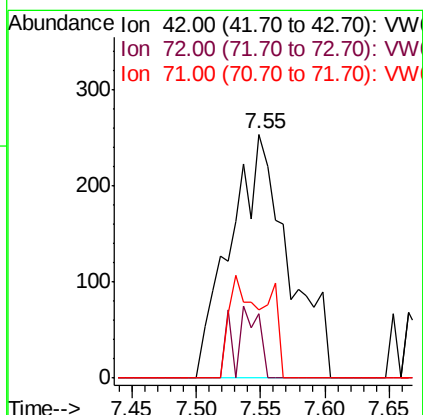
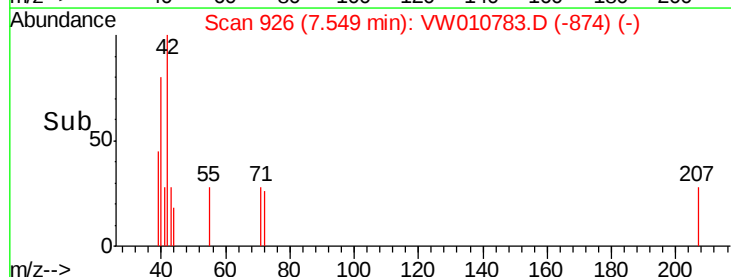
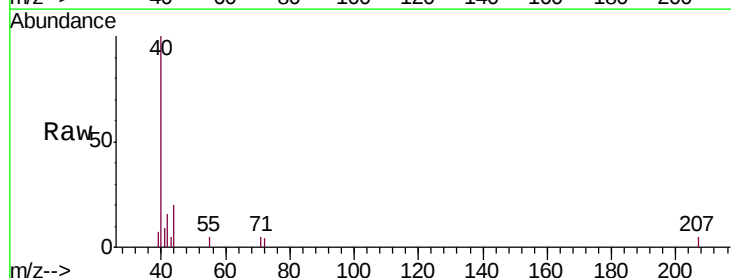
Instrument :
MSVOA_W
ClientSampleId :
BAT-B02

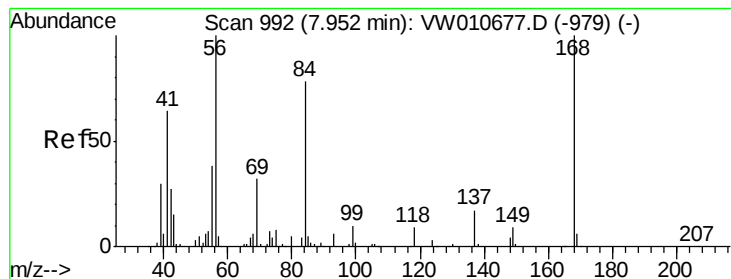
Tgt Ion: 84 Resp: 12472
Ion Ratio Lower Upper
84 100
49 138.9 116.7 175.1
51 45.4 34.2 51.2
86 57.6 51.2 76.8



#29
Tetrahydrofuran
Concen: 1.488 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

Tgt Ion: 42 Resp: 790
Ion Ratio Lower Upper
42 100
72 12.3 28.7 43.1#
71 18.5 26.6 39.8#





#31

Cyclohexane

Concen: 1.546 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010783.D

Acq: 12 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampled :

BAT-B02

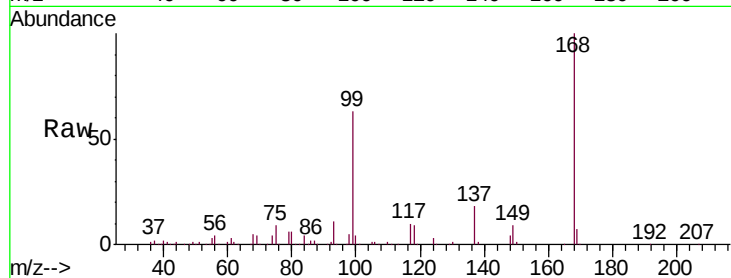
Tgt Ion: 56 Resp: 7090

Ion Ratio Lower Upper

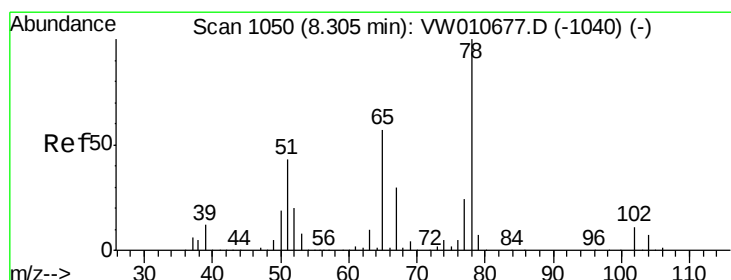
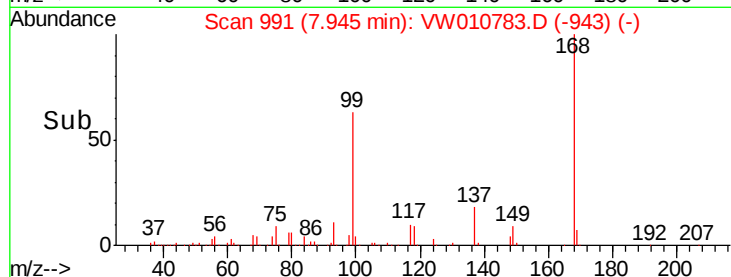
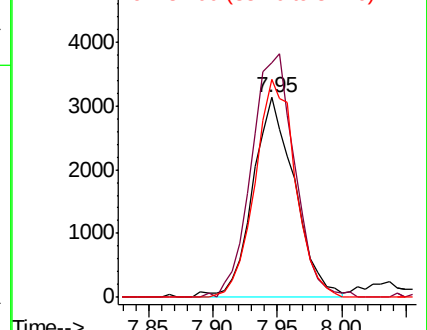
56 100

69 117.0 25.2 37.8#

84 109.3 62.2 93.2#



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: 59.790 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010783.D

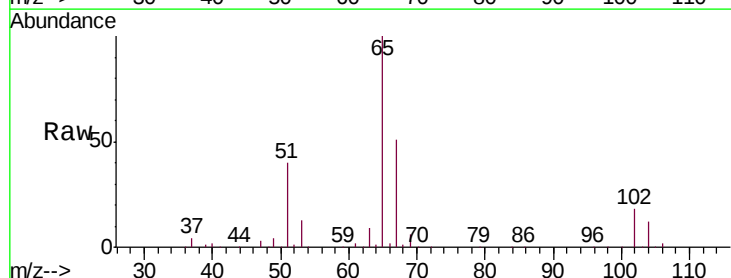
Acq: 12 Jun 2019 17:35

Tgt Ion: 65 Resp: 135863

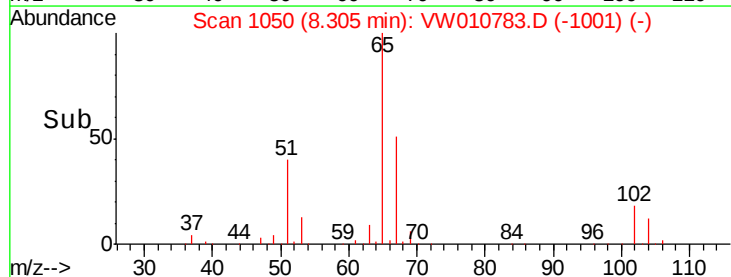
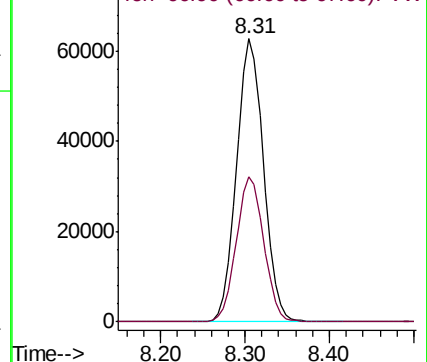
Ion Ratio Lower Upper

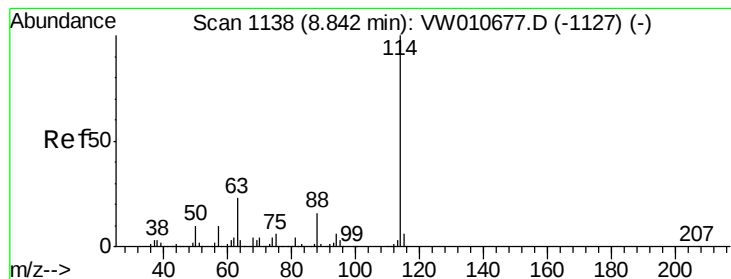
65 100

67 52.1 0.0 102.6



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. -0.00 min

Lab File: VW010783.D

Acq: 12 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

BAT-B02

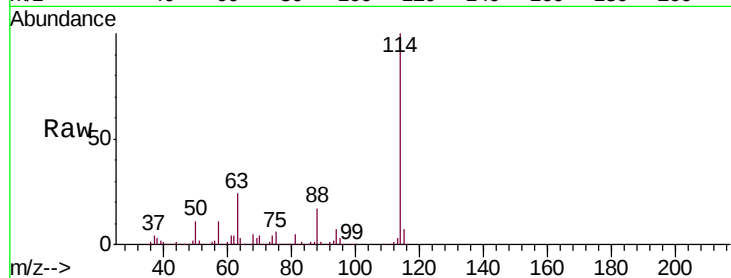
Tgt Ion:114 Resp: 337168

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.4

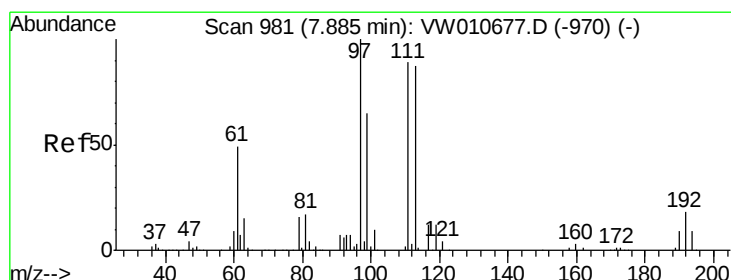
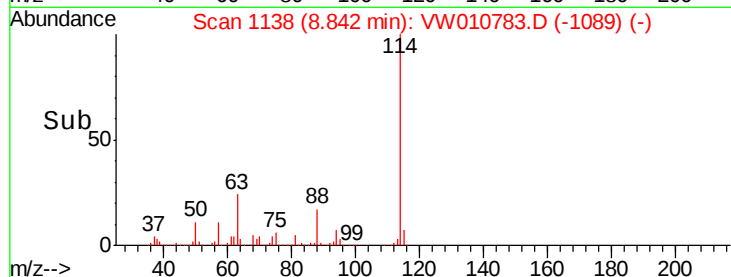
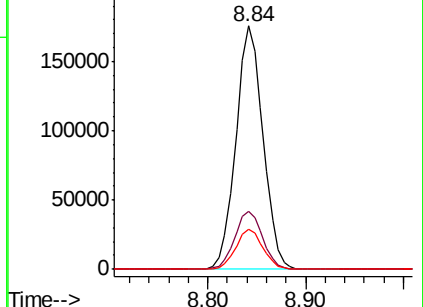
88 16.7 0.0 32.2



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: 55.130 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010783.D

Acq: 12 Jun 2019 17:35

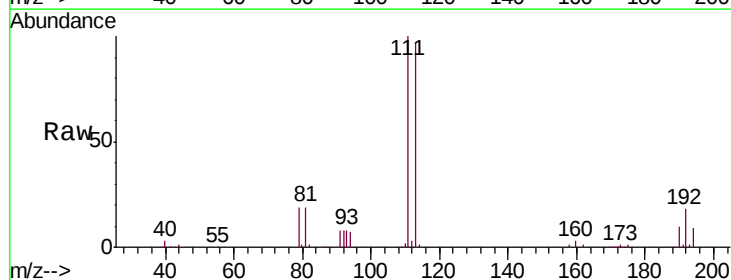
Tgt Ion:113 Resp: 100892

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

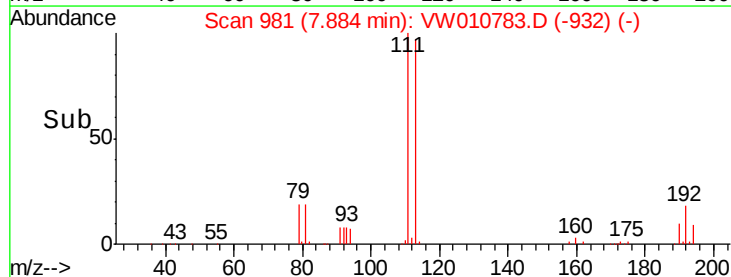
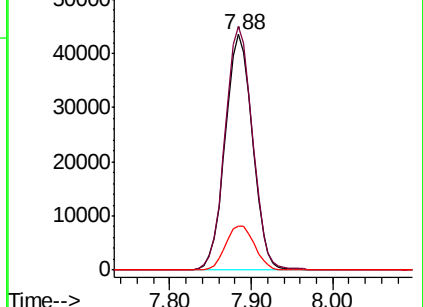
192 19.8 16.4 24.6

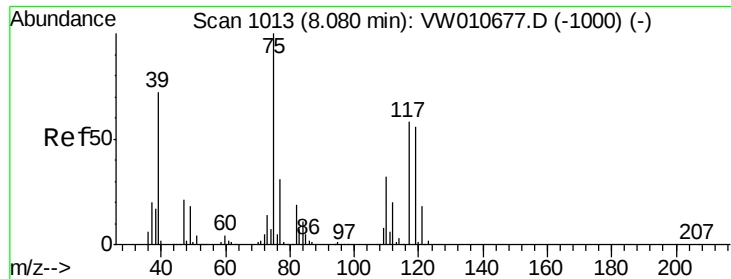


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

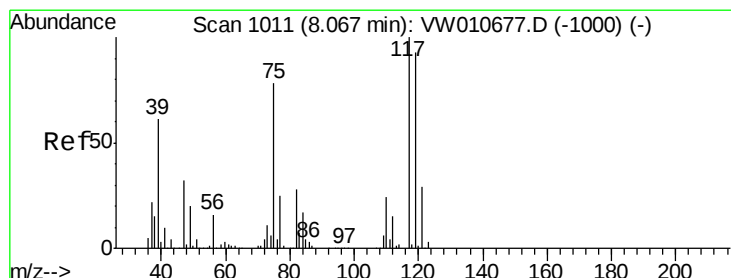
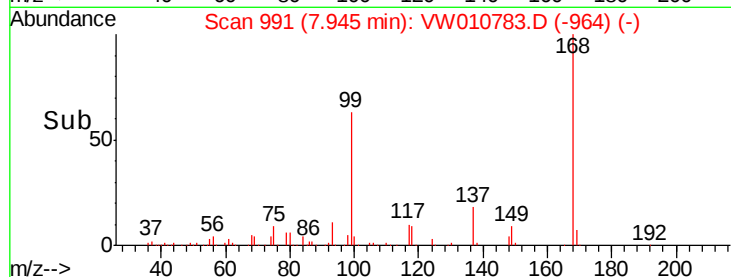
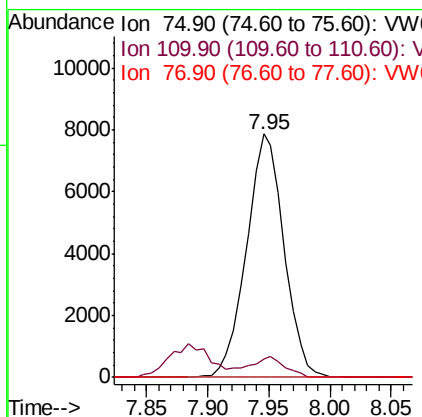
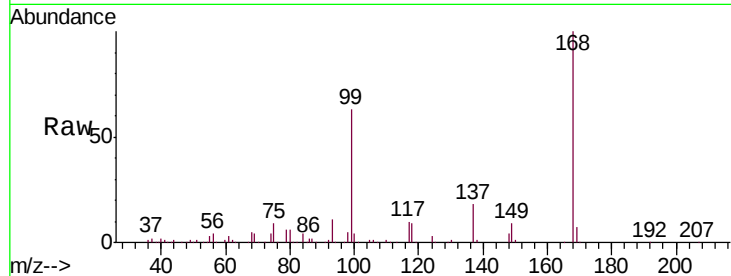




#36
 1,1-Dichloropropene
 Concen: 4.863 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010783.D
 Acq: 12 Jun 2019 17:35

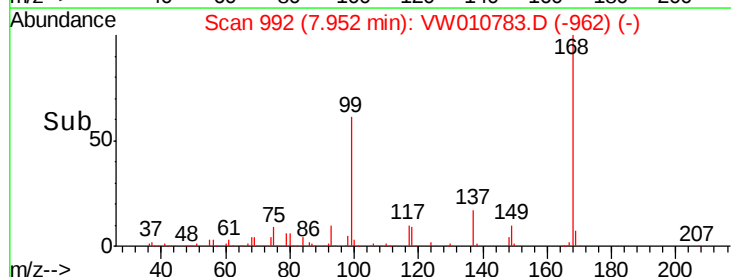
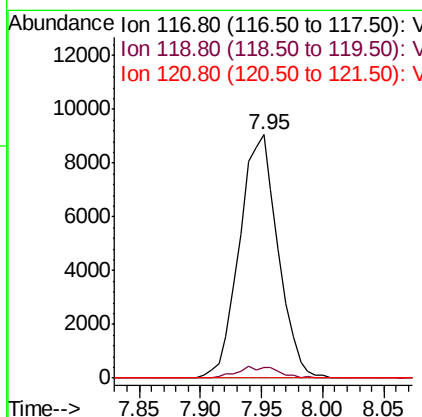
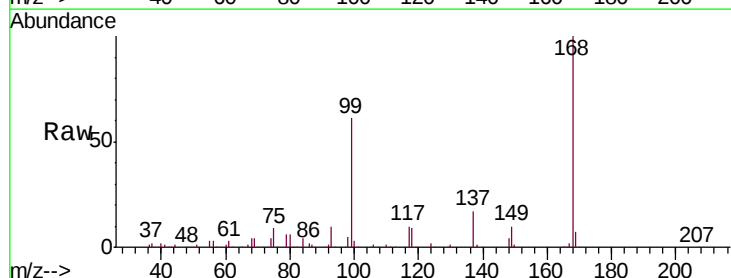
Instrument :
 MSVOA_W
 ClientSampled :
 BAT-B02

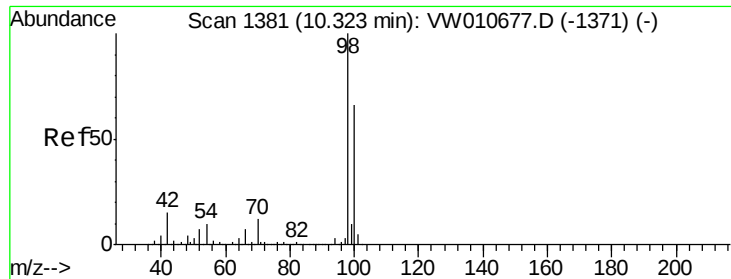
Tgt Ion: 75 Resp: 16784
 Ion Ratio Lower Upper
 75 100
 110 7.0 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.636 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010783.D
 Acq: 12 Jun 2019 17:35

Tgt Ion: 117 Resp: 19771
 Ion Ratio Lower Upper
 117 100
 119 4.1 74.2 111.4#
 121 0.0 22.9 34.3#

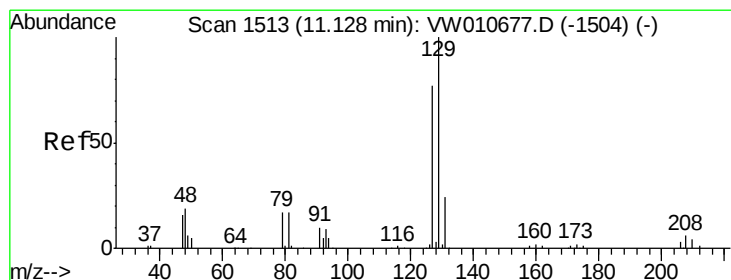
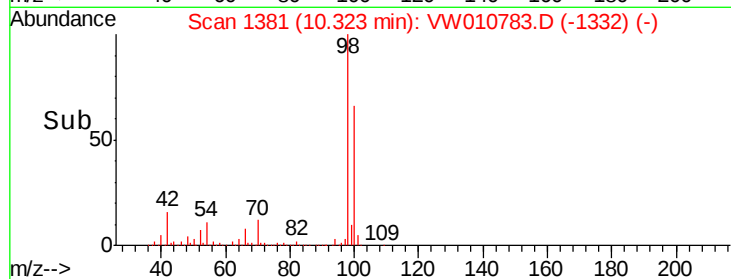
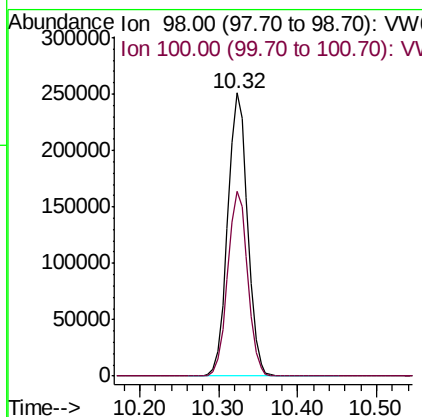
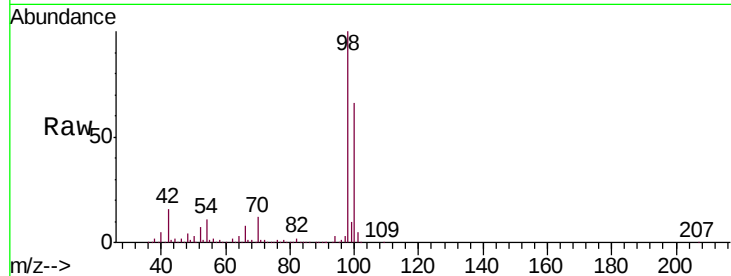




#50
Toluene-d8
Concen: 54.786 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

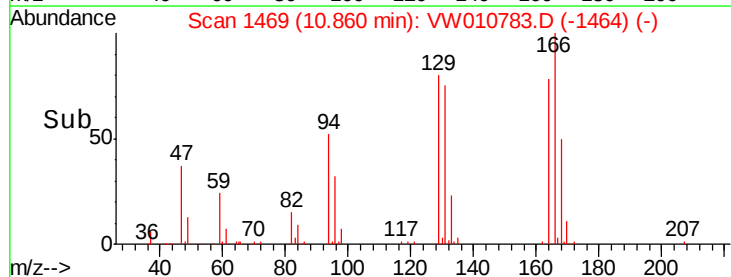
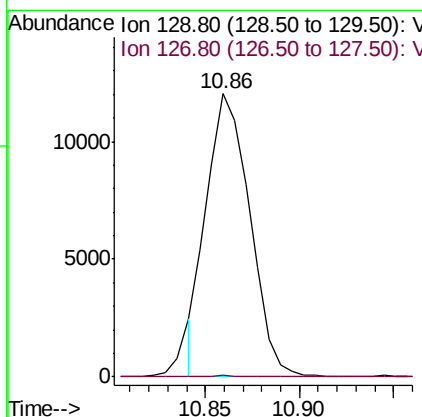
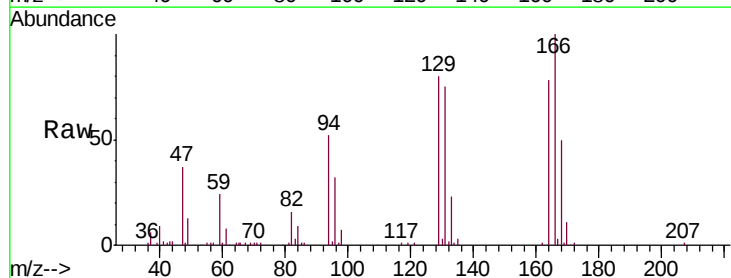
Instrument :
MSVOA_W
ClientSampled :
BAT-B02

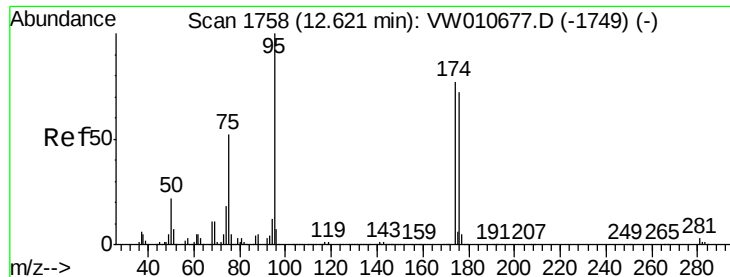
Tgt Ion: 98 Resp: 439660
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#60
Dibromochloromethane
Concen: 10.399 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

Tgt Ion: 129 Resp: 19225
Ion Ratio Lower Upper
129 100
127 0.1 38.6 116.0#

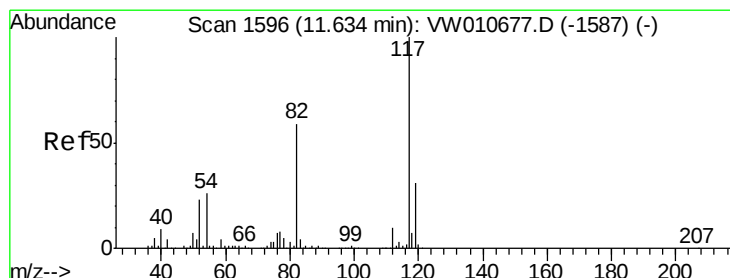
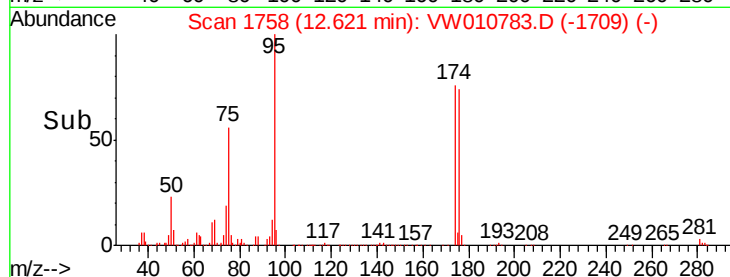
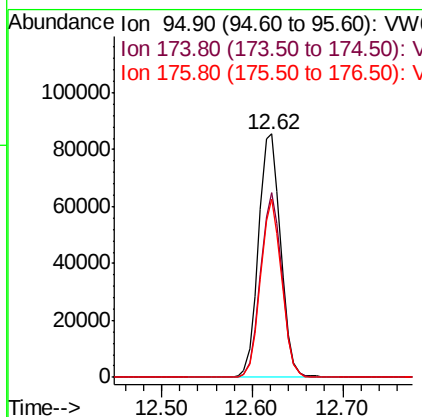
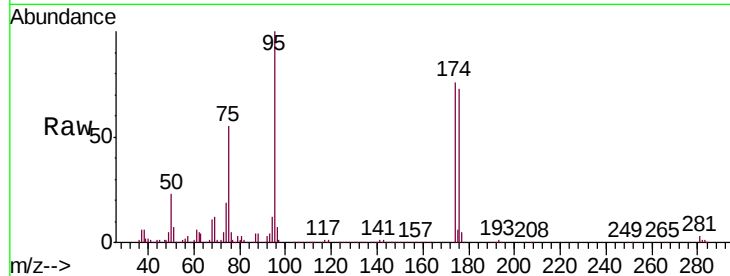




#62
4-Bromofluorobenzene
Concen: 49.300 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

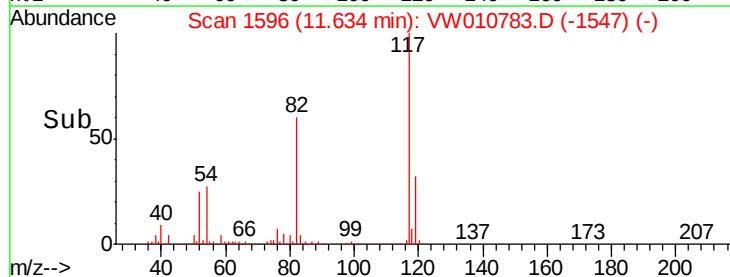
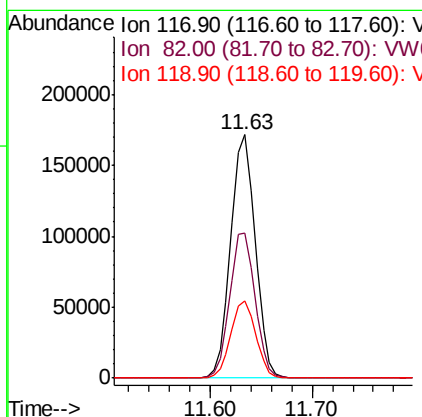
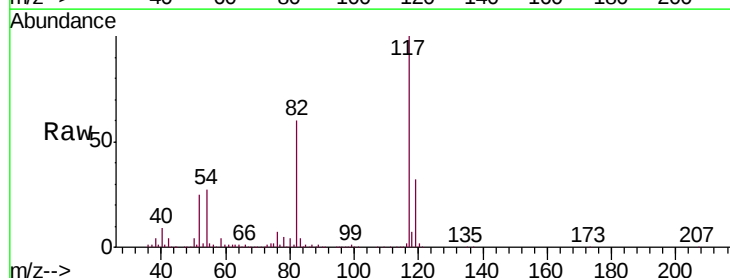
Instrument :
MSVOA_W
ClientSampled :
BAT-B02

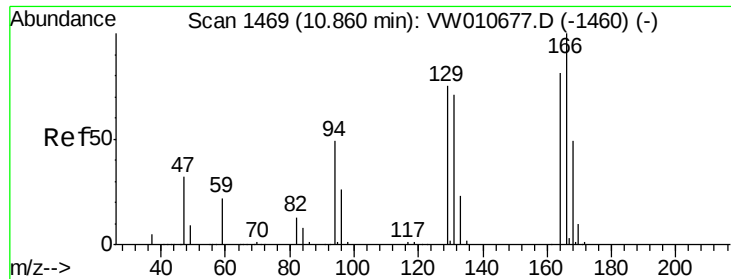
Tgt Ion: 95 Resp: 143968
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.4
176 69.6 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

Tgt Ion: 117 Resp: 285477
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.4
119 31.8 25.1 37.7

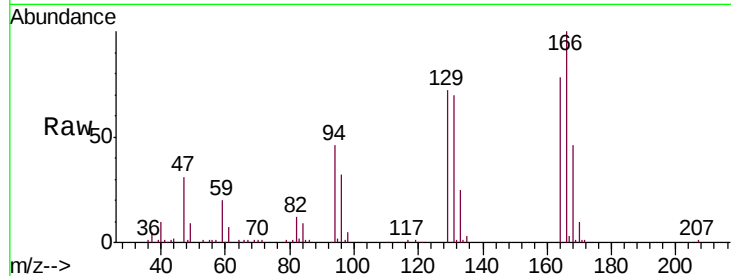




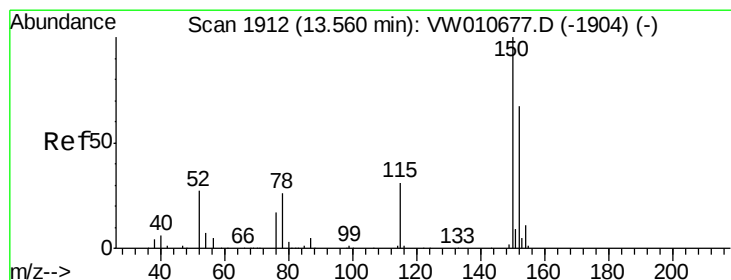
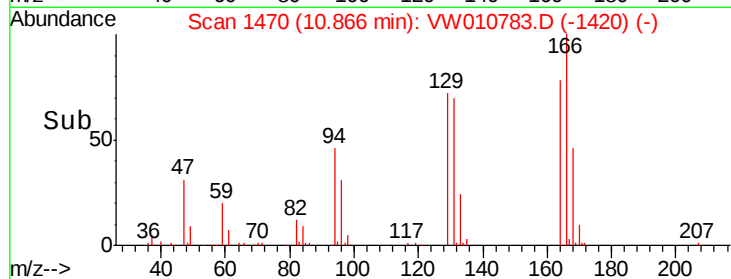
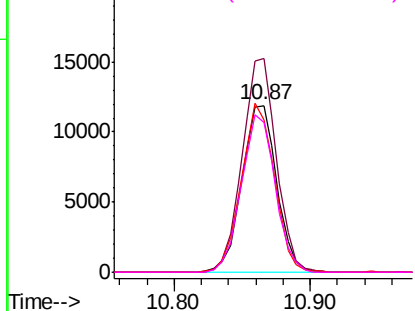
#64
Tetrachloroethene
Concen: 11.227 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :
BAT-B02

Tgt Ion:164 Resp: 21281
Ion Ratio Lower Upper
164 100
166 128.4 99.2 148.8
129 91.8 74.6 112.0
131 90.4 70.2 105.4

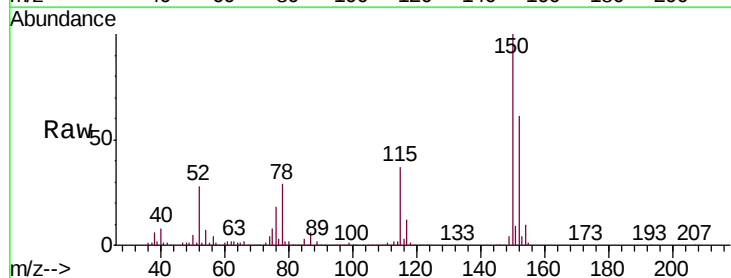


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

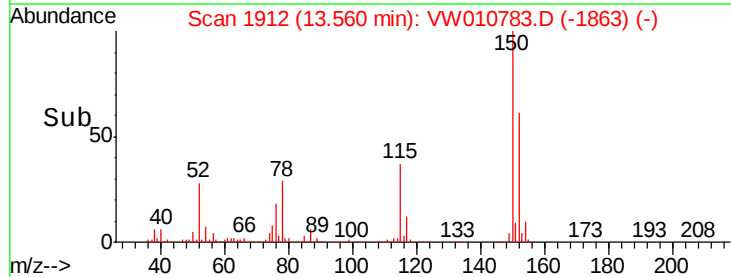
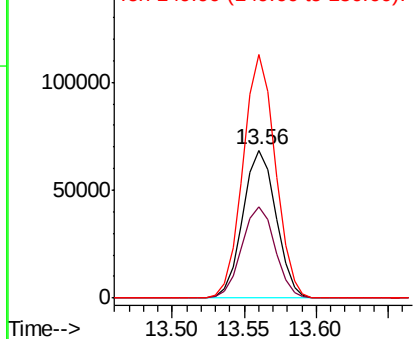


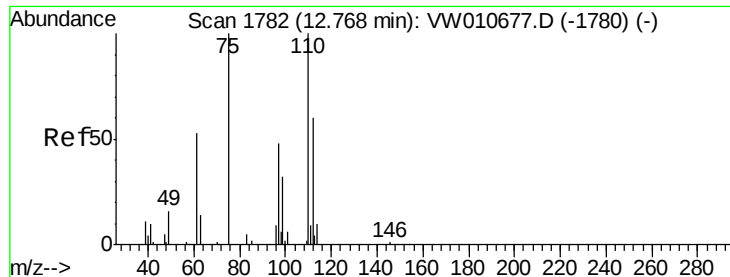
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010783.D
Acq: 12 Jun 2019 17:35

Tgt Ion:152 Resp: 109713
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 160.1 0.0 345.0



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: 67.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010783.D

Acq: 12 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampled :

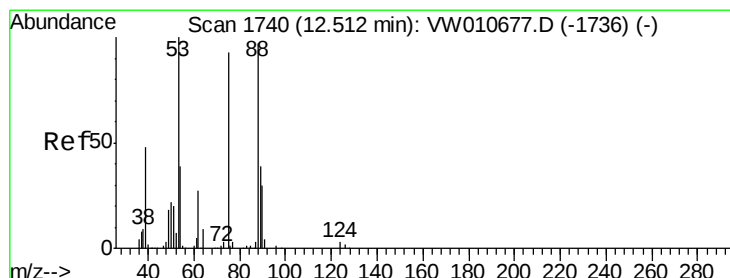
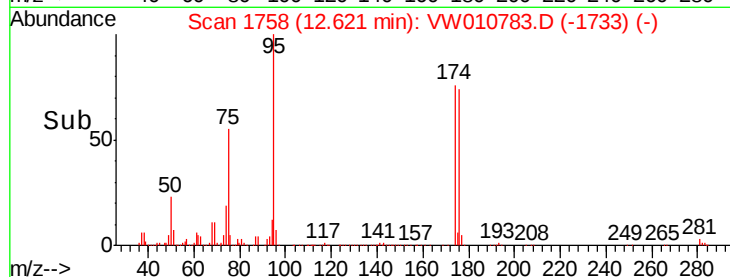
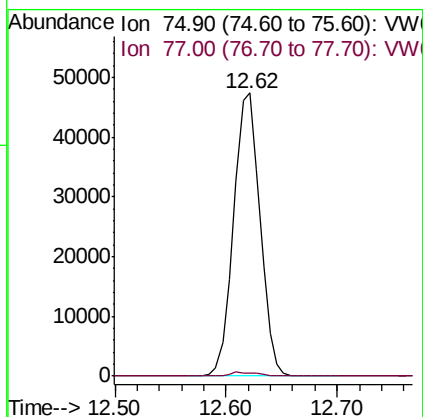
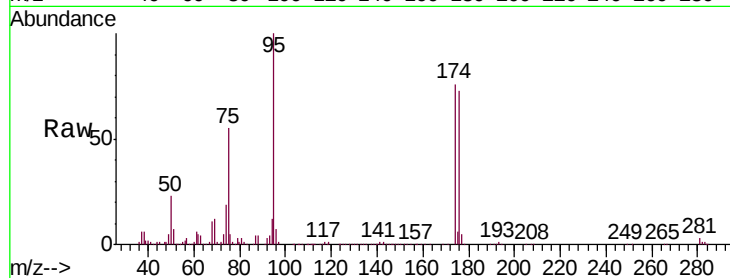
BAT-B02

Tgt Ion: 75 Resp: 77951

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 155.500 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010783.D

Acq: 12 Jun 2019 17:35

Tgt Ion: 75 Resp: 77951

Ion Ratio Lower Upper

75 100

53 0.6 90.1 135.1#

89 0.0 34.6 52.0#

