

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009111.D
 Acq On : 12 Mar 2019 03:58
 Operator : SY/VA
 Sample : K1847-05
 Misc : 6.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-5-031119

Quant Time: Mar 12 08:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	174082	56.94	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.88	113	149806	50.21	ug/l	0.00
Spiked Amount						
Recovery						
50) Toluene-d8	10.32	98	590724	48.20	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.62	95	182800	37.89	ug/l	0.00
Spiked Amount						
Recovery						

Target Compounds

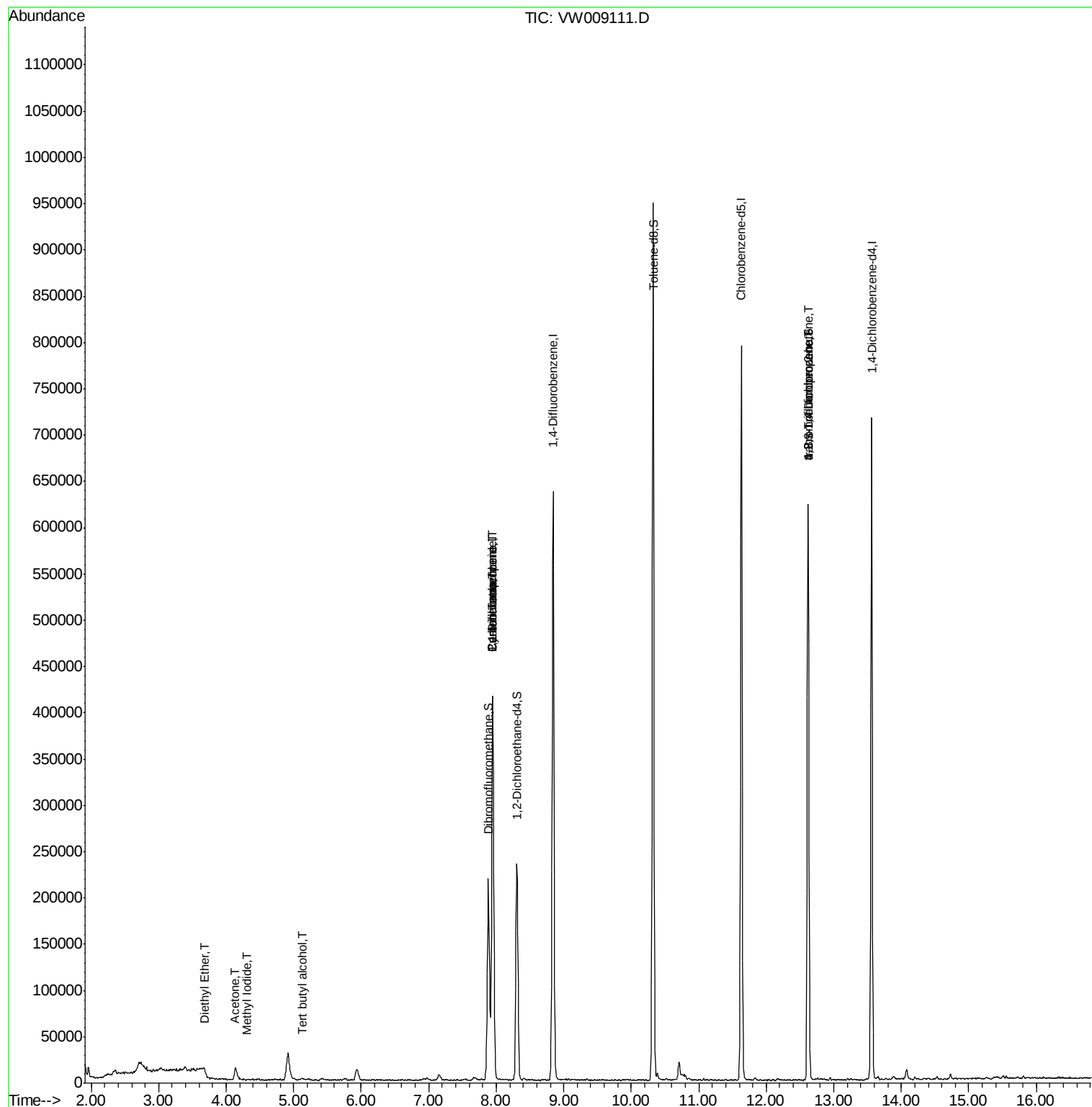
						Qvalue
8) Diethyl Ether	3.68	74	2035	1.309	ug/l	81
10) Methyl Iodide	4.30	142	48	3.201	ug/l #	15
11) Tert butyl alcohol	5.12	59	785	3.351	ug/l #	72
16) Acetone	4.14	43	22455	32.549	ug/l	94
31) Cyclohexane	7.95	56	7986	1.401	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	25243	4.871	ug/l #	48
38) Carbon Tetrachloride	7.95	117	29830	5.574	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	100731	73.406	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	100731	164.191	ug/l #	5

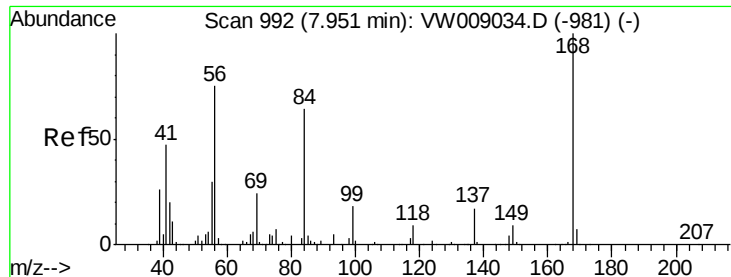
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

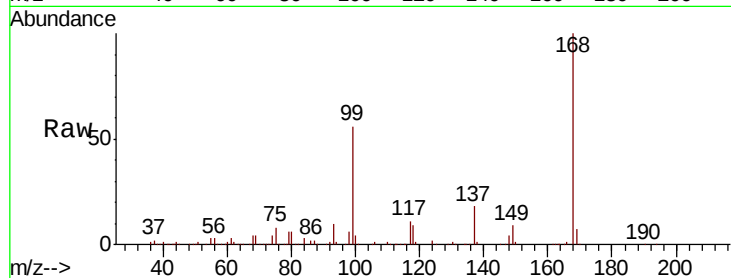
SUP-7B-G-5-031119

Tgt Ion:168 Resp: 303865

Ion Ratio Lower Upper

168 100

99 56.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

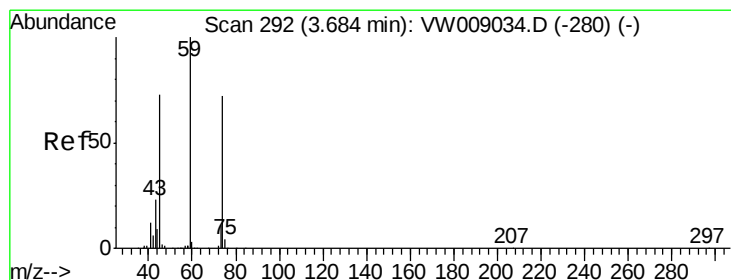
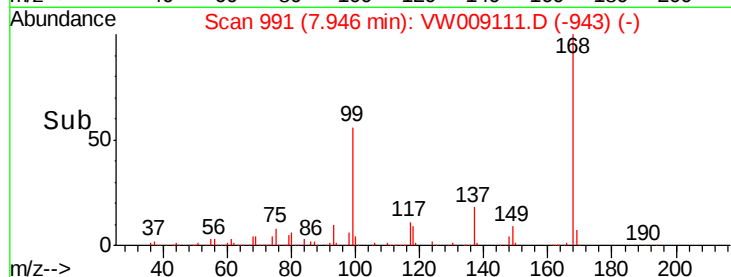
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.309 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW009111.D

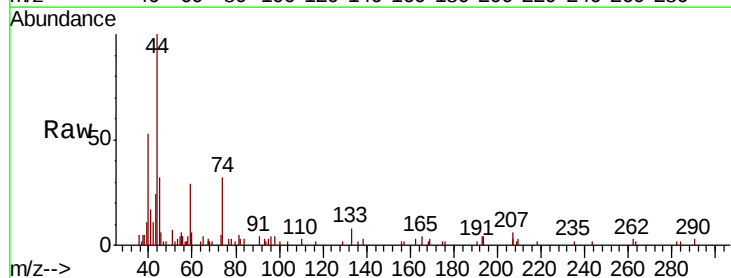
Acq: 12 Mar 2019 03:58

Tgt Ion: 74 Resp: 2035

Ion Ratio Lower Upper

74 100

45 123.9 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

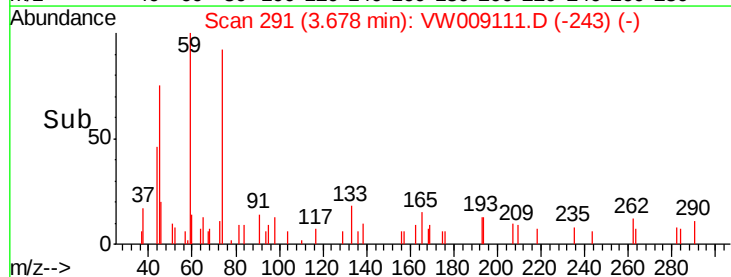
600

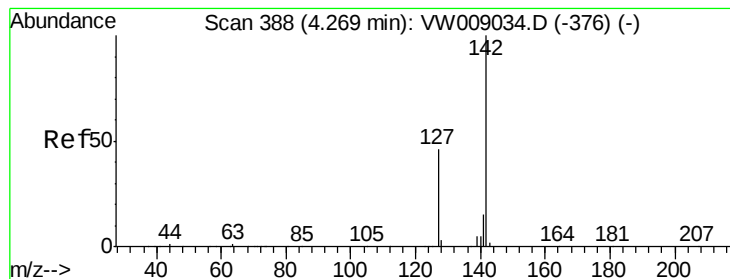
400

200

0

Time-->





#10

Methyl Iodide

Concen: 3.201 ug/l

RT: 4.30 min Scan# 393

Delta R.T. 0.03 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-5-031119

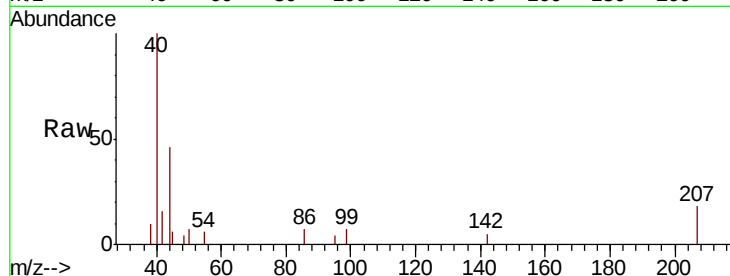
Tgt Ion:142 Resp: 48

Ion Ratio Lower Upper

142 100

127 110.4 35.8 53.6#

141 0.0 11.8 17.8#



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

200

150

100

50

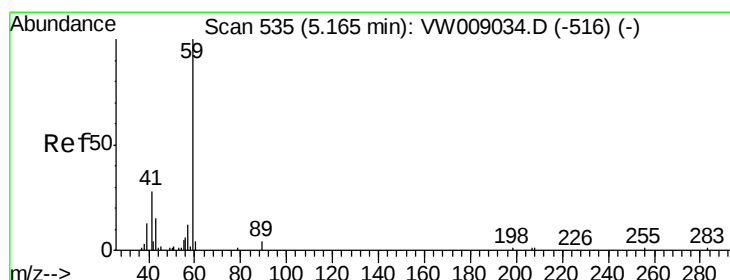
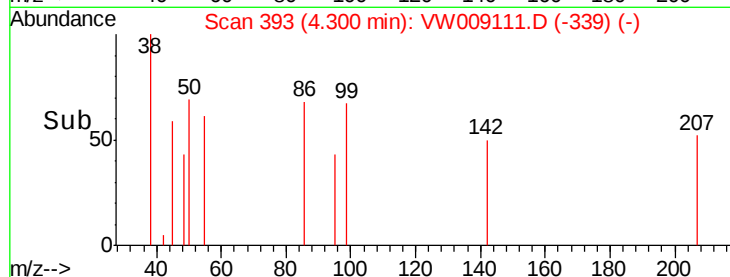
0

4.28

4.30

4.32

Time-->



#11

Tert butyl alcohol

Concen: 3.351 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW009111.D

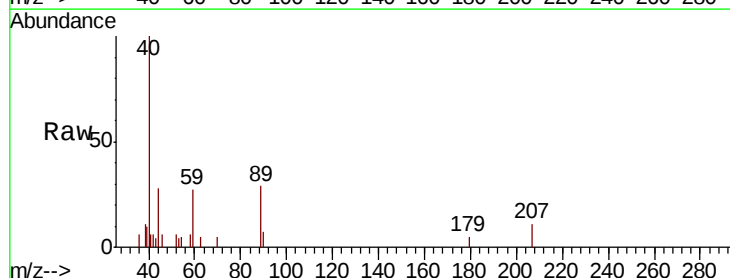
Acq: 12 Mar 2019 03:58

Tgt Ion: 59 Resp: 785

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

500

400

300

200

100

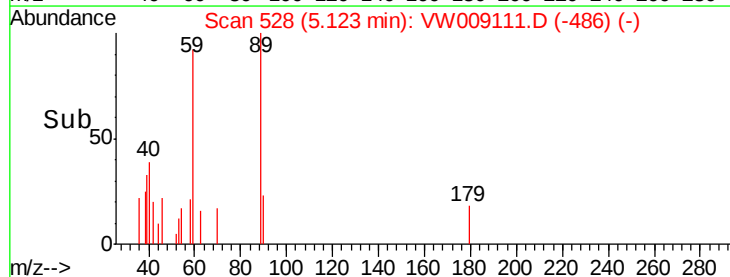
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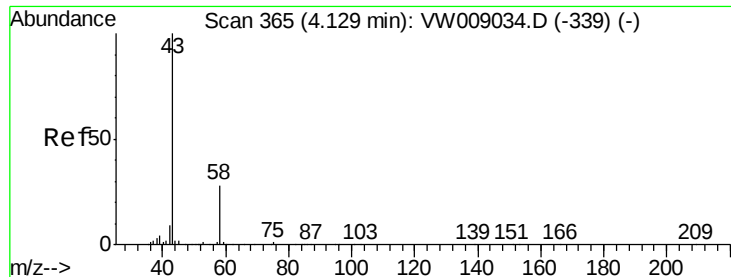
5.10

5.12

5.15

Time-->





#16

Acetone

Concen: 32.549 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

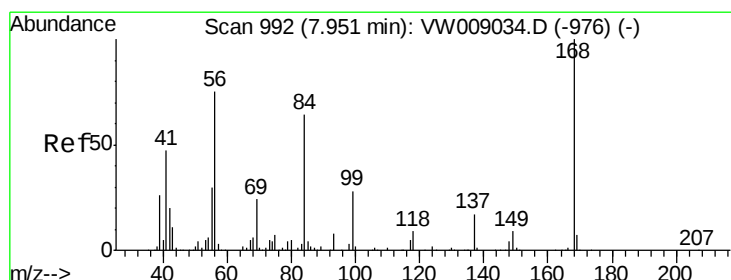
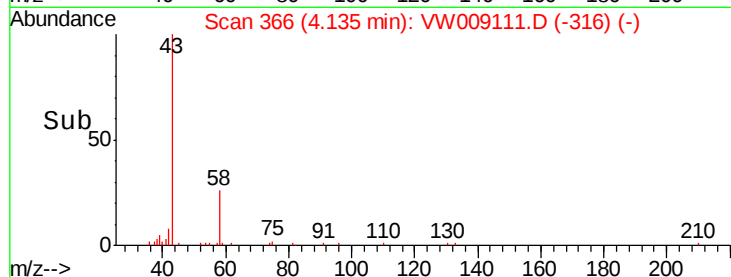
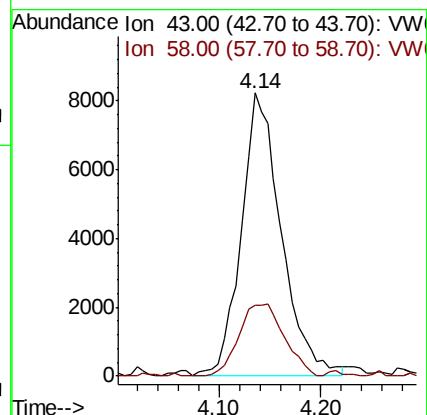
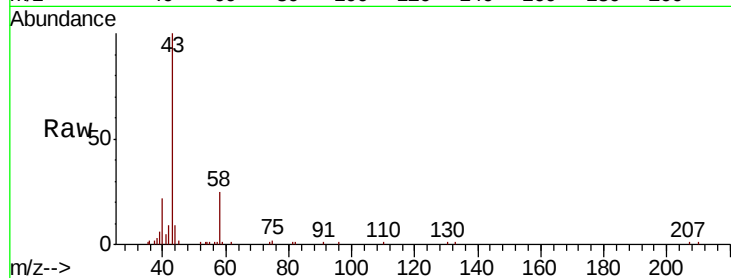
SUP-7B-G-5-031119

Tgt Ion: 43 Resp: 22455

Ion Ratio Lower Upper

43 100

58 25.0 22.5 33.7



#31

Cyclohexane

Concen: 1.401 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

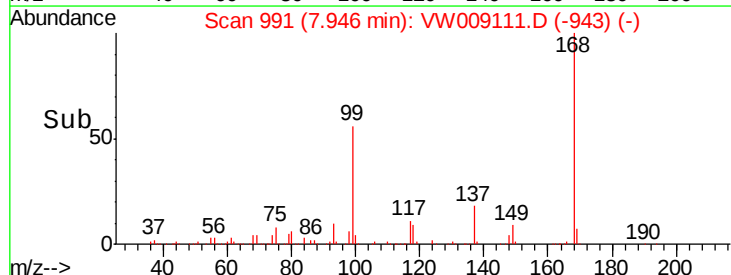
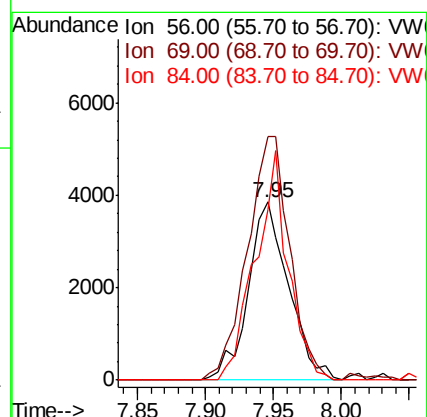
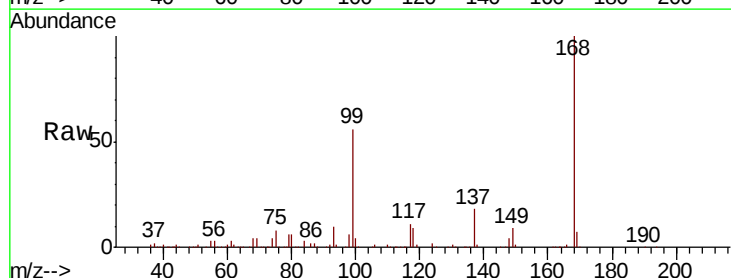
Tgt Ion: 56 Resp: 7986

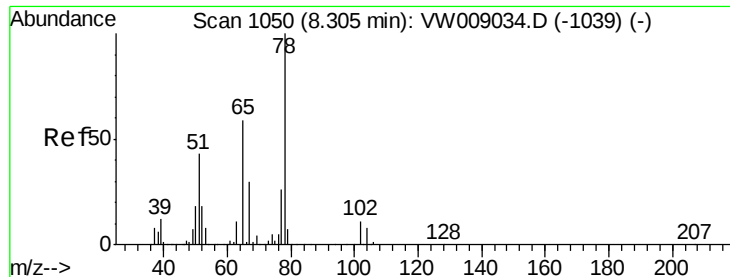
Ion Ratio Lower Upper

56 100

69 136.8 25.5 38.3#

84 96.0 68.6 103.0

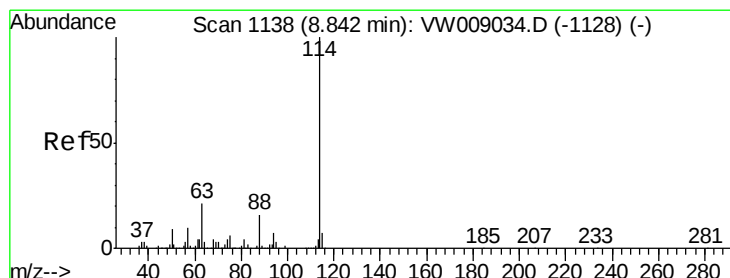
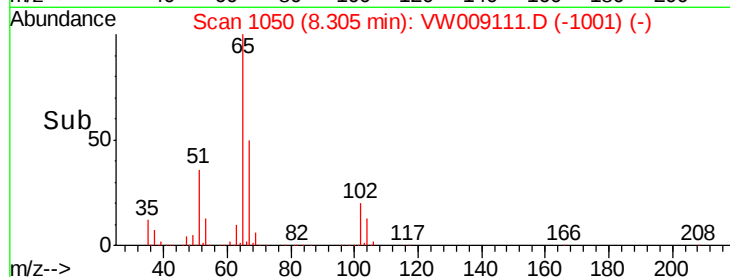
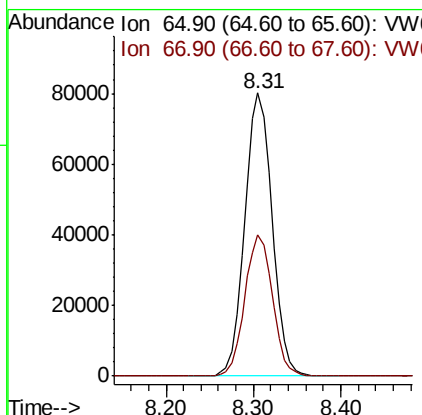
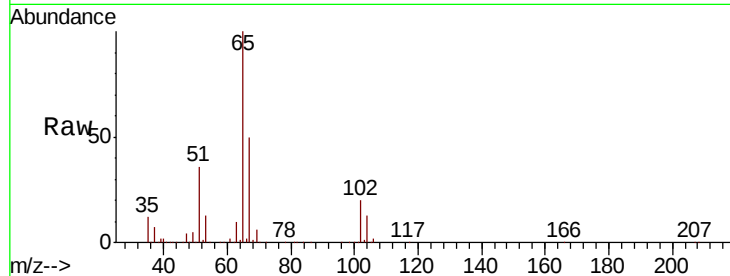




#33
 1,2-Dichloroethane-d4
 Concen: 56.942 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009111.D
 Acq: 12 Mar 2019 03:58

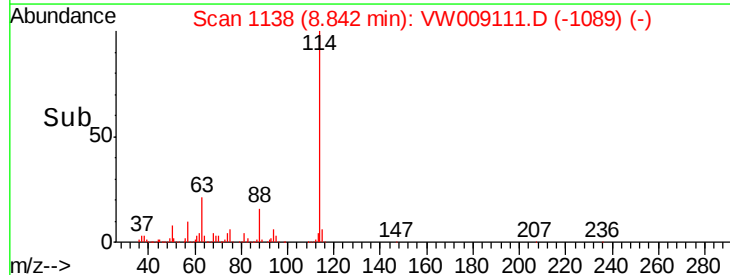
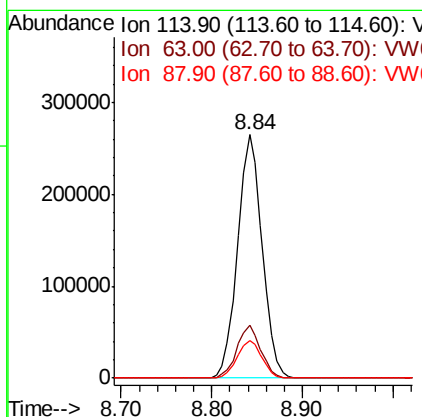
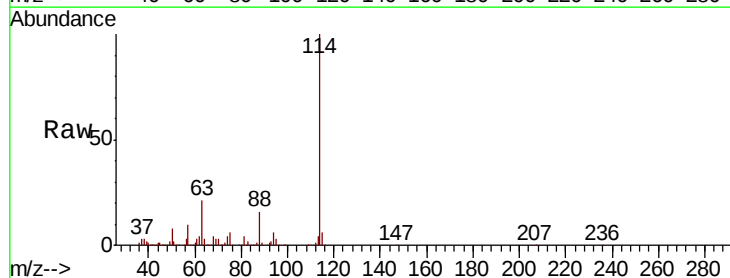
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-5-031119

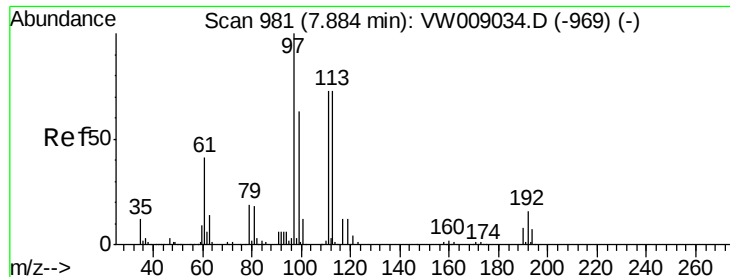
Tgt Ion: 65 Resp: 174082
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009111.D
 Acq: 12 Mar 2019 03:58

Tgt Ion: 114 Resp: 495580
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.2
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.206 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-5-031119

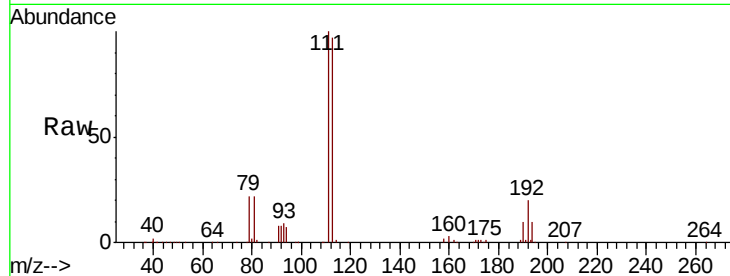
Tgt Ion:113 Resp: 149806

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.4

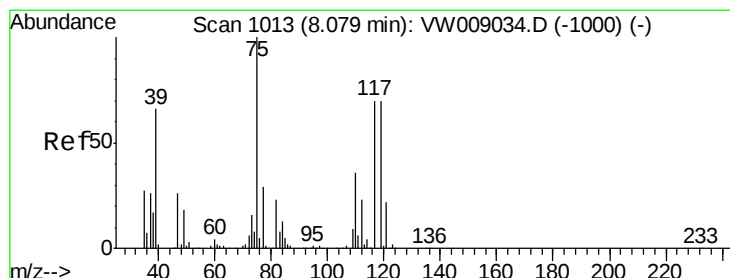
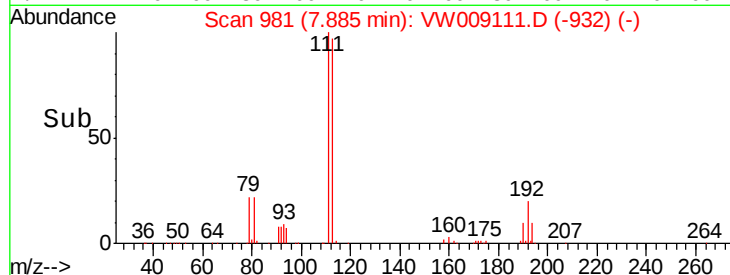
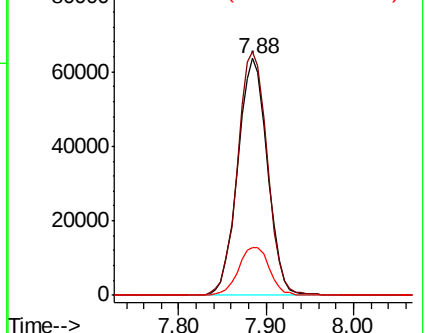
192 21.1 17.1 25.7



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: 4.871 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

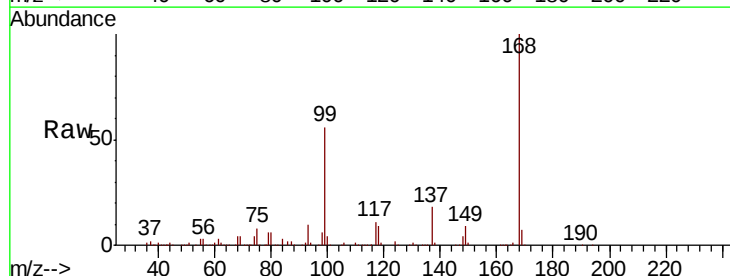
Tgt Ion: 75 Resp: 25243

Ion Ratio Lower Upper

75 100

110 8.0 17.6 52.9#

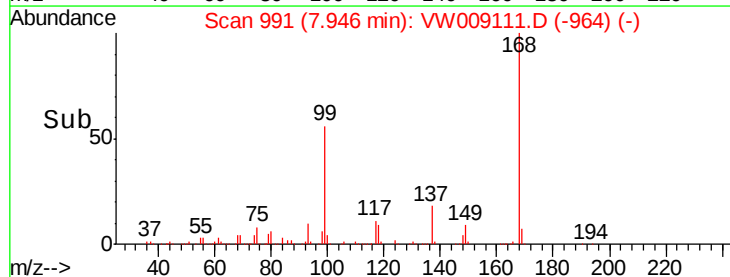
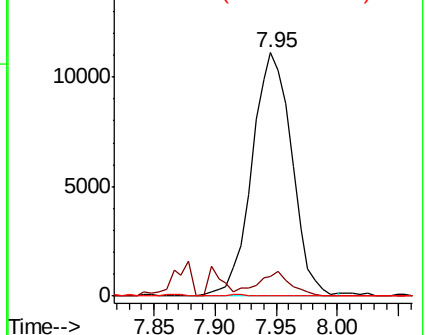
77 0.0 25.1 37.7#

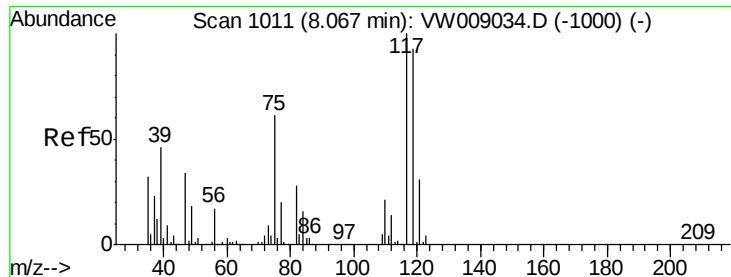


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

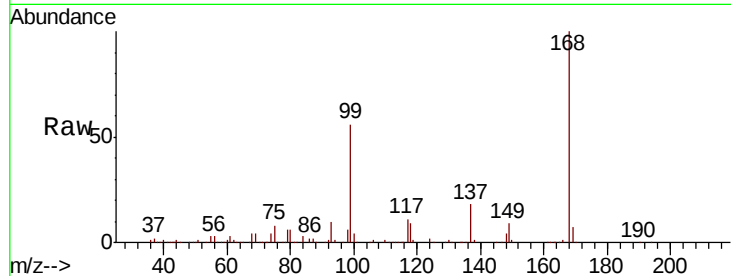




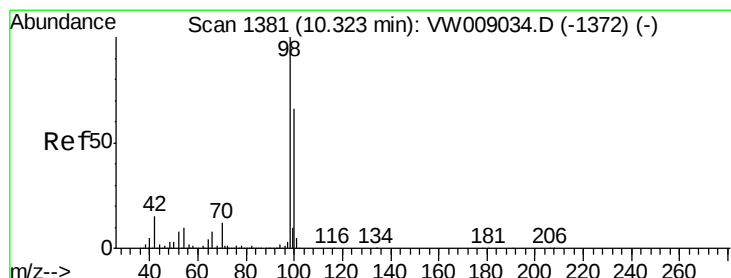
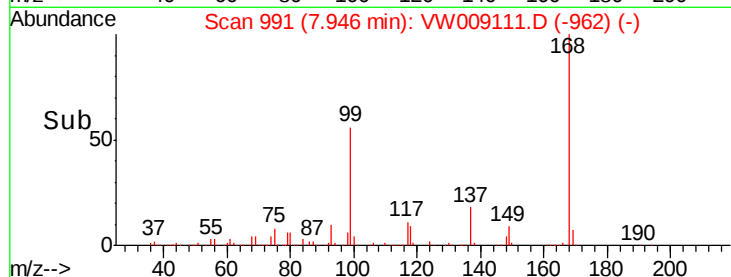
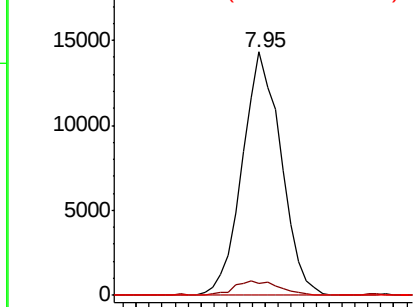
#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW009111.D
Acq: 12 Mar 2019 03:58

Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-5-031119

Tgt Ion:117 Resp: 29830
Ion Ratio Lower Upper
117 100
119 4.9 74.6 112.0#
121 0.0 24.7 37.1#

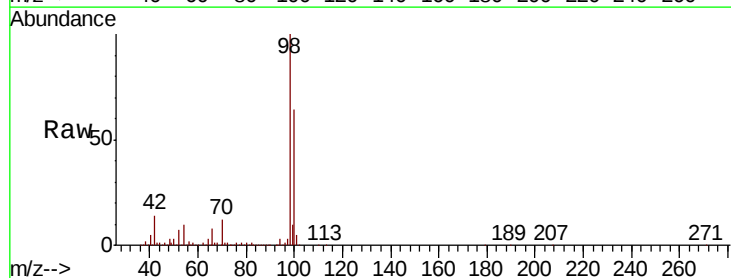


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

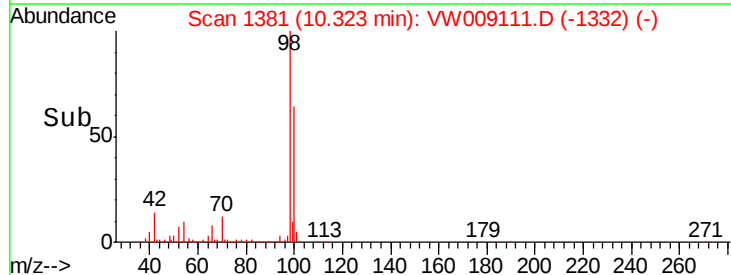
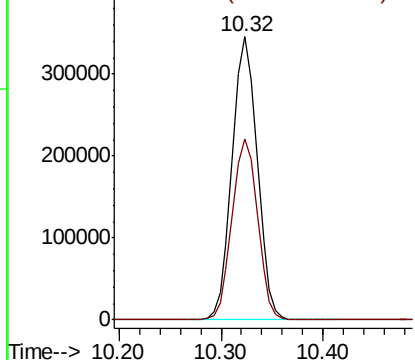


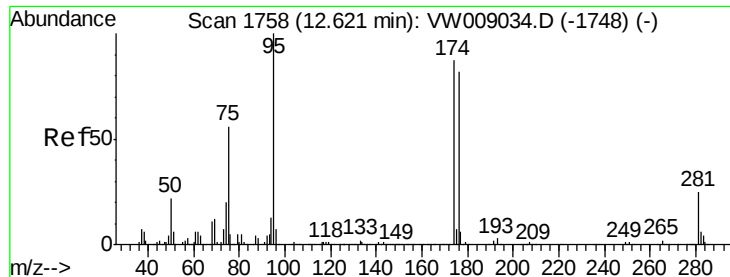
#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009111.D
Acq: 12 Mar 2019 03:58

Tgt Ion: 98 Resp: 590724
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

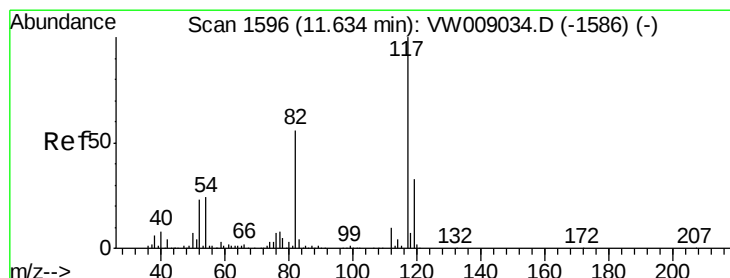
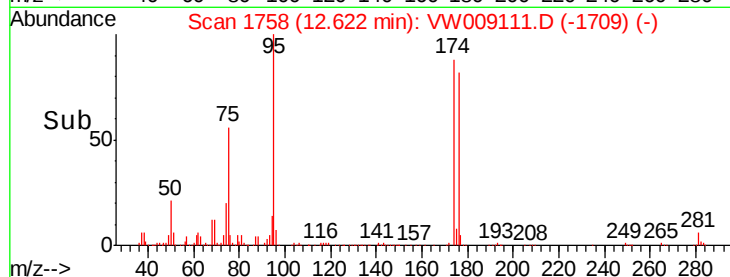
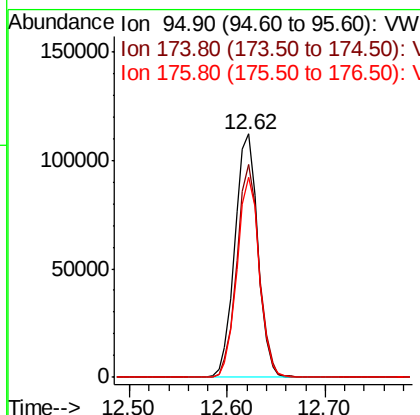
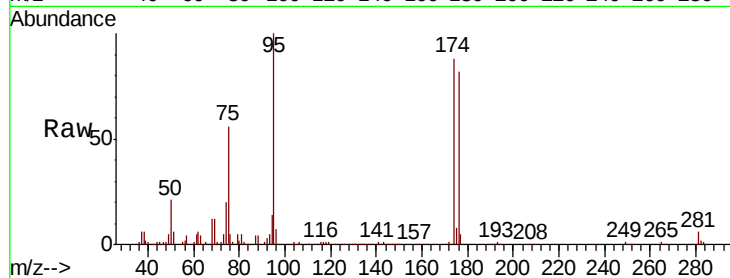




#62
4-Bromofluorobenzene
Concen: 37.891 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009111.D
Acq: 12 Mar 2019 03:58

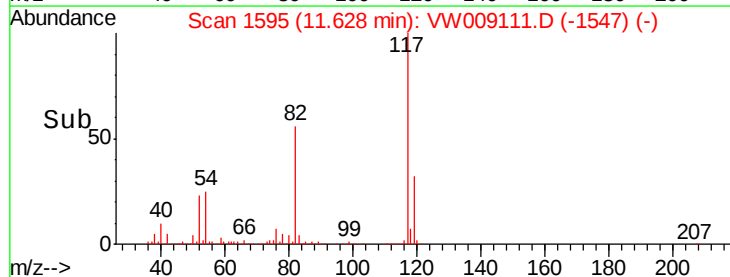
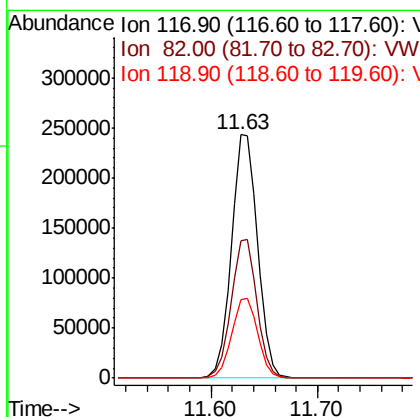
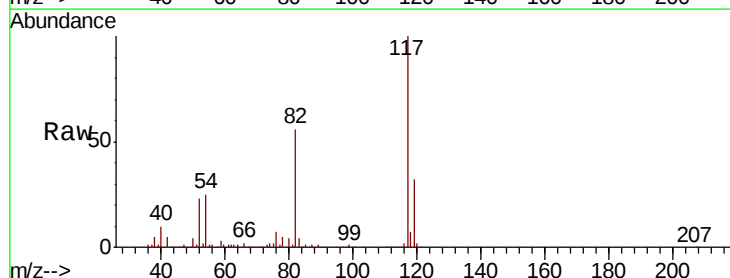
Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-5-031119

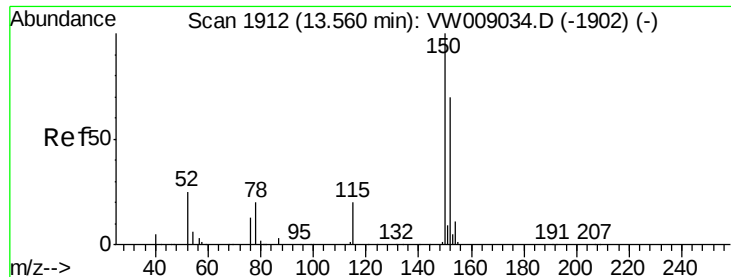
Tgt Ion: 95 Resp: 182800
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.0
176 80.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009111.D
Acq: 12 Mar 2019 03:58

Tgt Ion: 117 Resp: 418588
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 32.2 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-5-031119

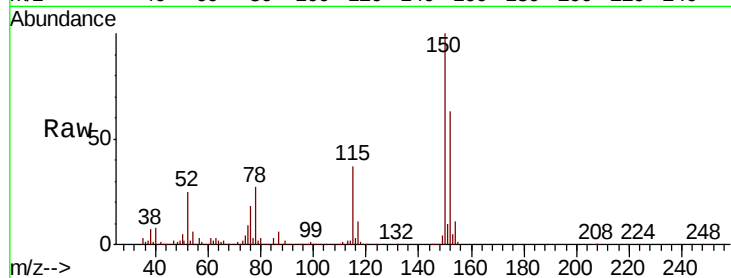
Tgt Ion: 152 Resp: 173683

Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.7

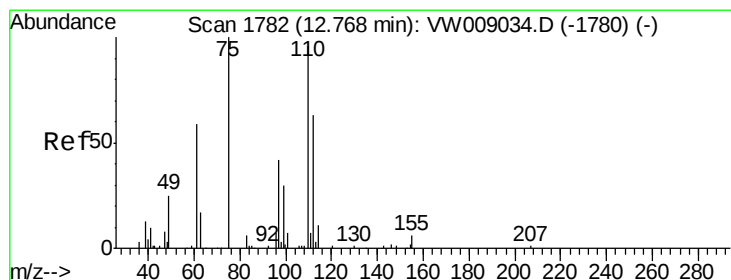
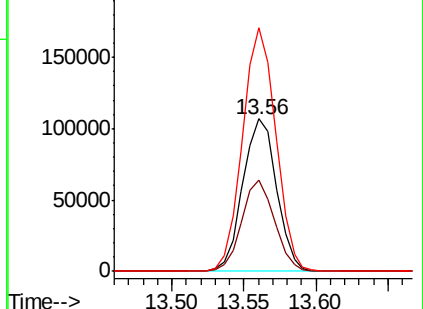
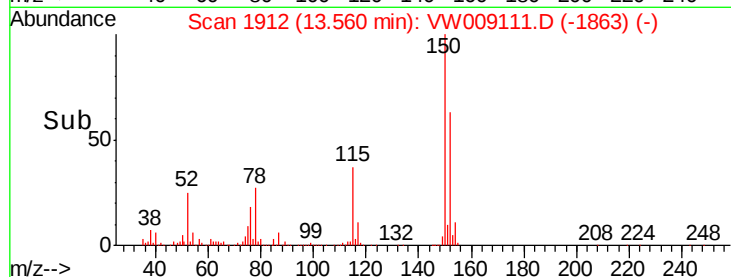
150 156.6 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 73.406 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009111.D

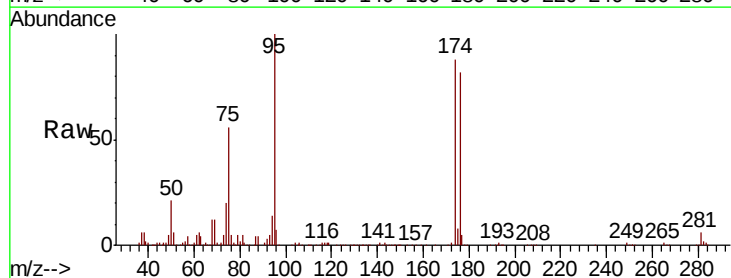
Acq: 12 Mar 2019 03:58

Tgt Ion: 75 Resp: 100731

Ion Ratio Lower Upper

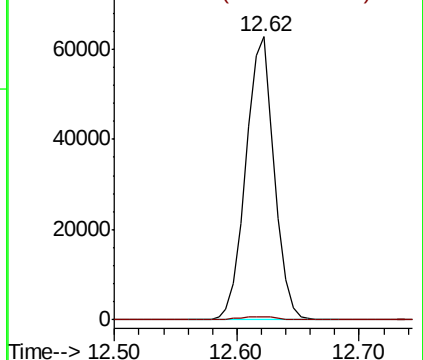
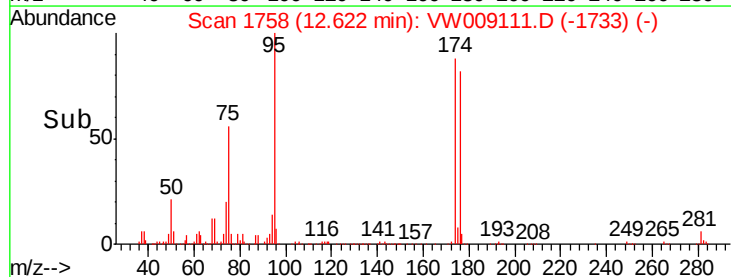
75 100

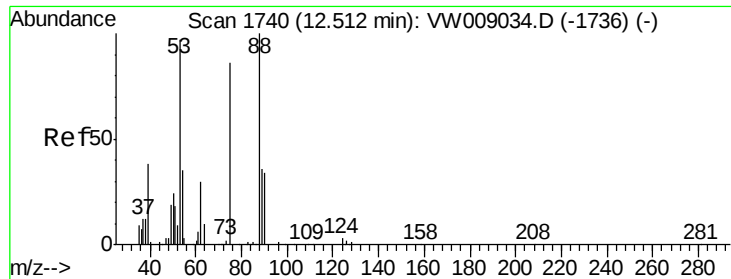
77 1.6 186.7 560.0#



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: 164.191 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009111.D

Acq: 12 Mar 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-5-031119

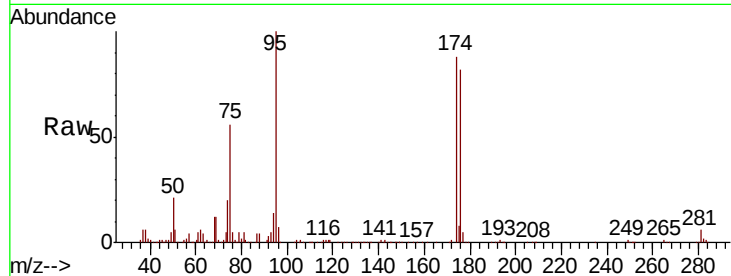
Tgt Ion: 75 Resp: 100731

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.1 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

