

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003608.D
 Acq On : 27 Jun 2018 12:57
 Operator : SY/AP
 Sample : J3241-13RE
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 27 14:21:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	151576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	218284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89145	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	74306	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
35) Dibromofluoromethane	7.89	113	66813	42.88	ug/l	0.00
Spiked Amount			Recovery	=	85.76%	
50) Toluene-d8	10.33	98	204449	33.09	ug/l	0.00
Spiked Amount			Recovery	=	66.18%	
62) 4-Bromofluorobenzene	12.63	95	72926	33.35	ug/l	0.00
Spiked Amount			Recovery	=	66.70%	

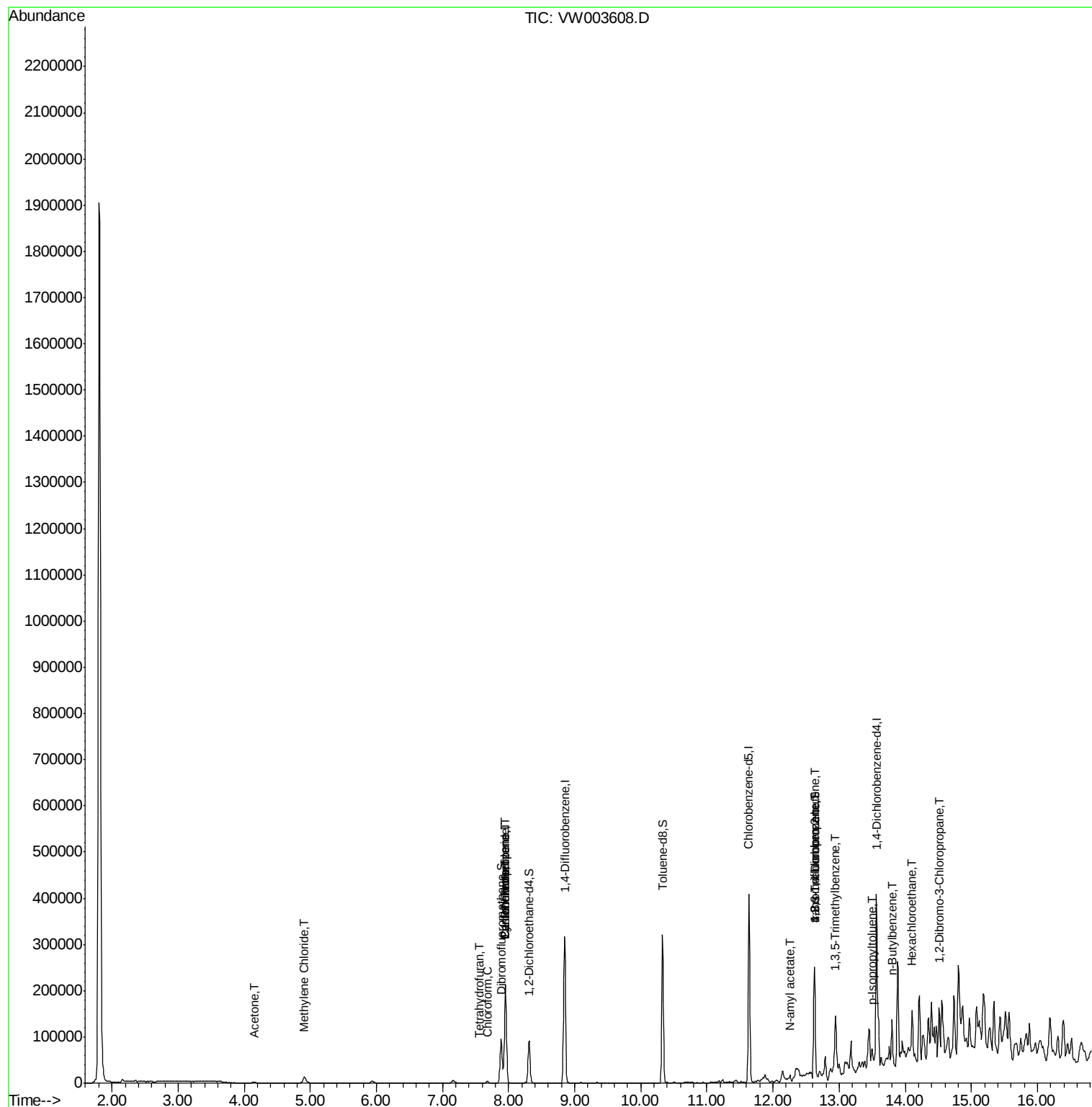
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2281	6.62	ug/l	98
20) Methylene Chloride	4.91	84	9183	2.81	ug/l	89
29) Tetrahydrofuran	7.56	42	393	1.50	ug/l #	56
30) Chloroform	7.68	83	2942	1.02	ug/l	85
31) Cyclohexane	7.95	56	3823	1.44	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12826	5.30	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16157	6.80	ug/l #	15
74) N-amyl acetate	12.26	43	2691	1.91	ug/l #	63
76) 1,2,3-Trichloropropane	12.62	75	39817	52.25	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.95	105	22193	4.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	39817	120.22	ug/l #	9
86) p-Isopropyltoluene	13.51	119	9600	1.65	ug/l	96
89) n-Butylbenzene	13.80	91	13213	2.33	ug/l #	1
90) Hexachloroethane	14.11	117	5149	4.90	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	462	2.62	ug/l #	4

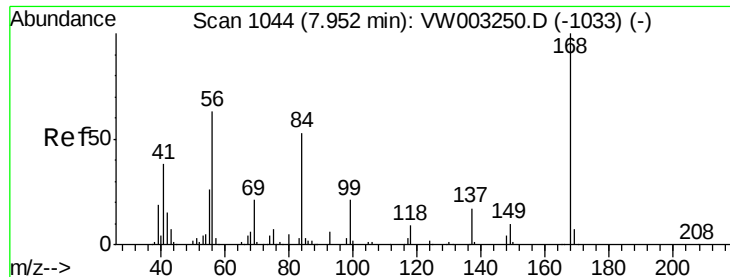
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
Data File : VW003608.D
Acq On : 27 Jun 2018 12:57
Operator : SY/AP
Sample : J3241-13RE
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 27 14:21:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

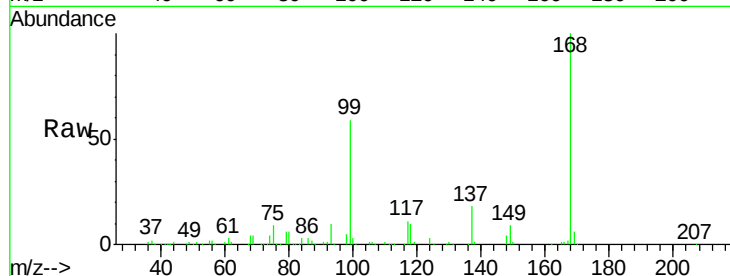
ClientSampled :

Tot Ion:168 Resp: 151576

Ion Ratio Lower Upper

168 100

99 58.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

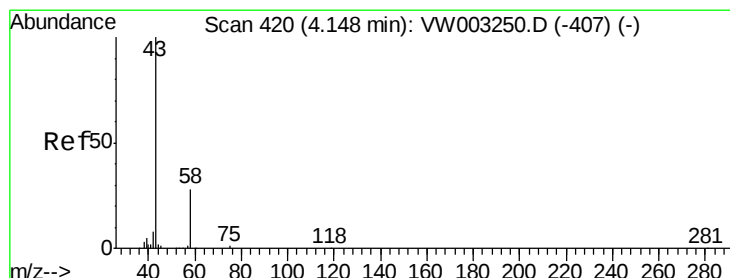
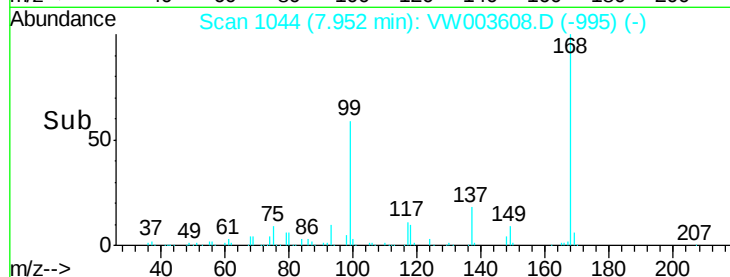
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 6.62 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003608.D

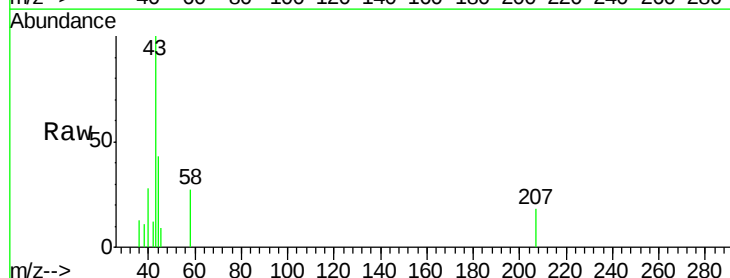
Acq: 27 Jun 2018 12:57

Tgt Ion: 43 Resp: 2281

Ion Ratio Lower Upper

43 100

58 27.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

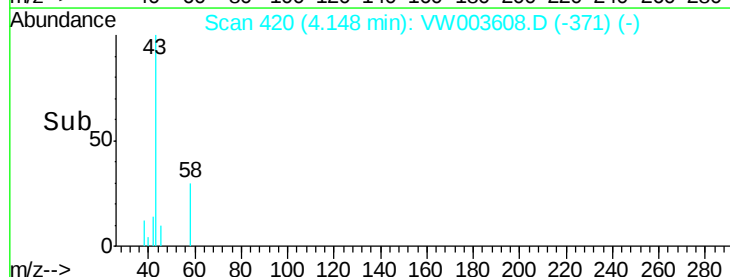
400

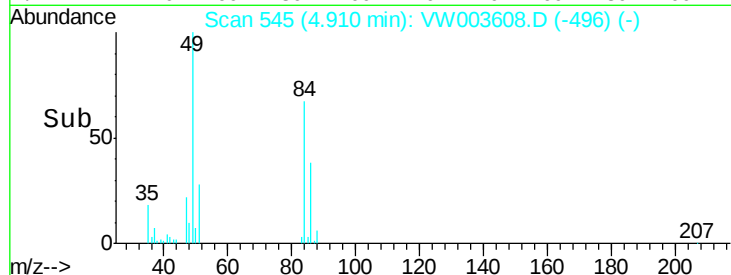
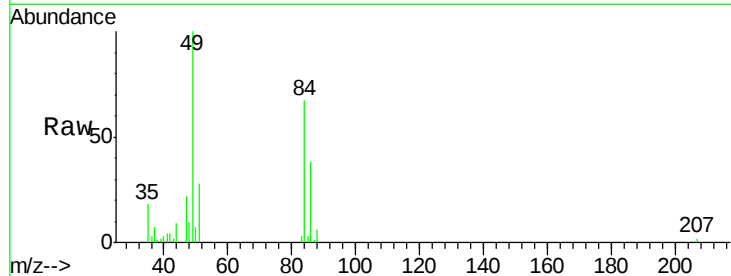
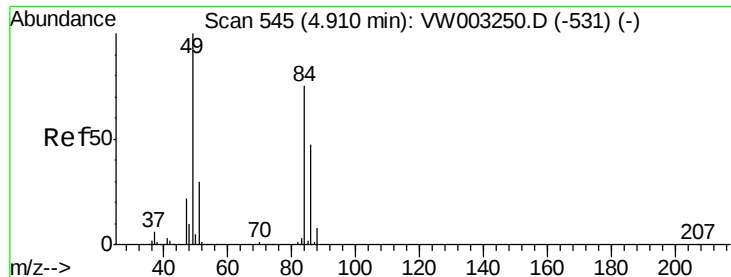
200

0

Time-->

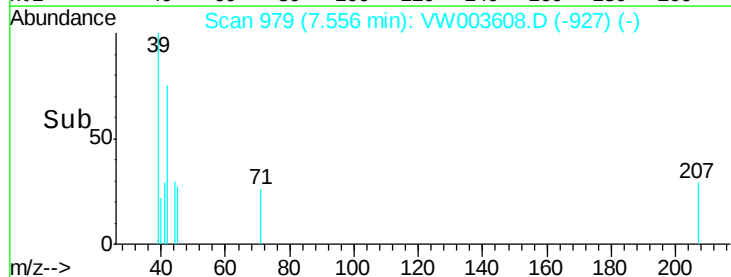
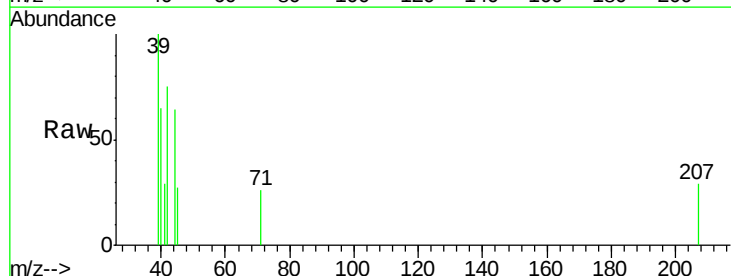
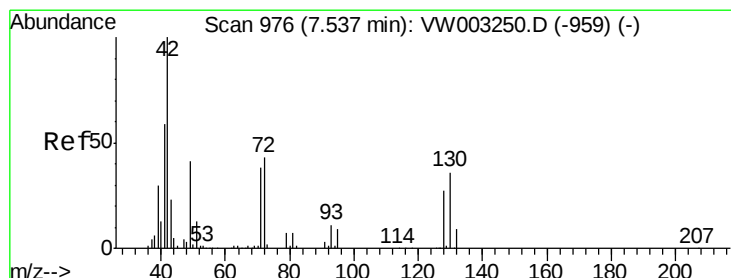
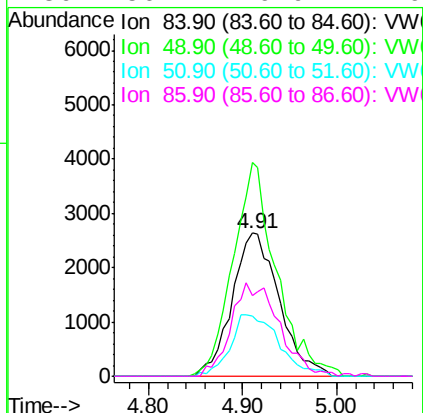
4.10 4.20 4.30





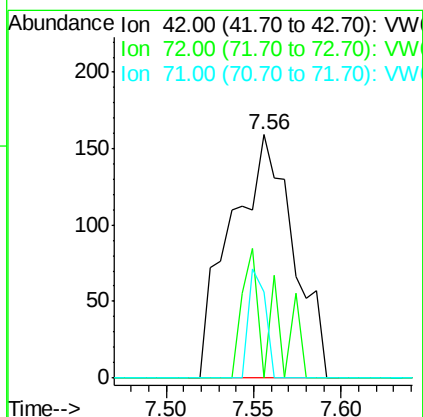
#20
Methvlene Chloride
Concen: 2.81 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003608.D
Acq: 27 Jun 2018 12:57

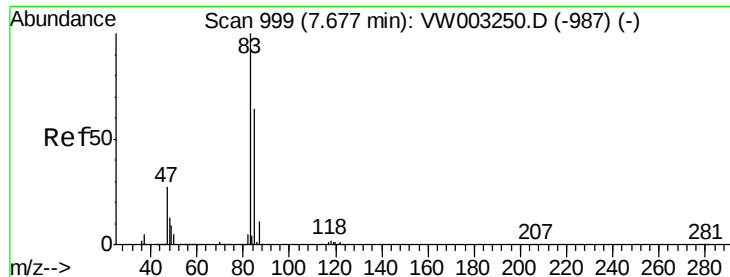
Tot Ion: 84 Resp: 9183
Ion Ratio Lower Upper
84 100
49 149.6 106.3 159.5
51 42.2 32.0 48.0
86 56.4 49.9 74.9



#29
Tetrahydrofuran
Concen: 1.50 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003608.D
Acq: 27 Jun 2018 12:57

Tgt Ion: 42 Resp: 393
Ion Ratio Lower Upper
42 100
72 13.0 32.4 48.6#
71 11.7 31.2 46.8#





#30

Chloroform

Concen: 1.02 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

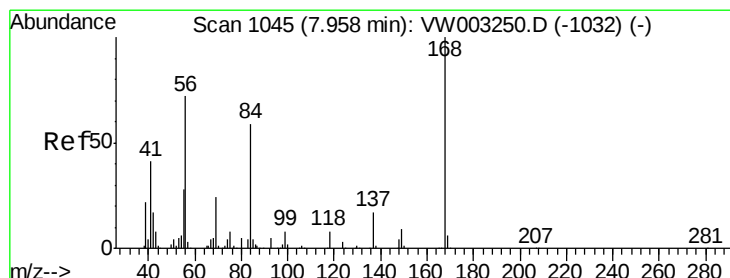
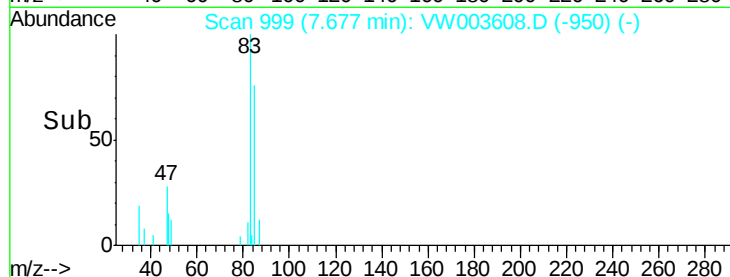
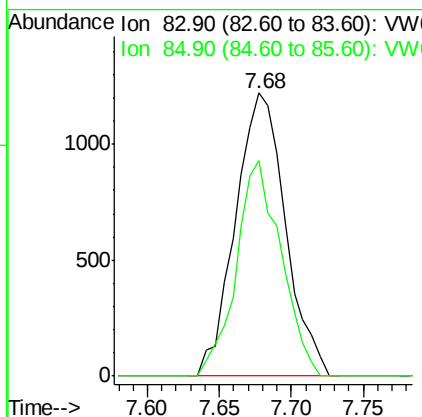
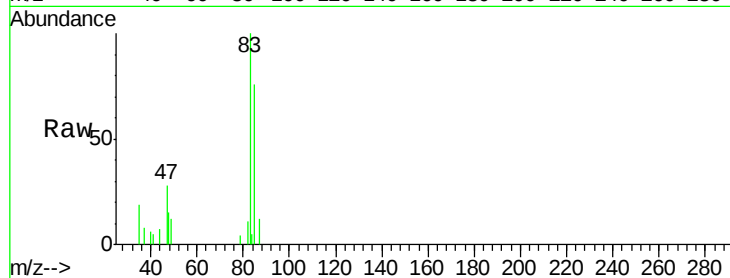
ClientSampled :

Tot Ion: 83 Resp: 2942

Ion Ratio Lower Upper

83 100

85 76.1 51.3 76.9



#31

Cyclohexane

Concen: 1.44 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

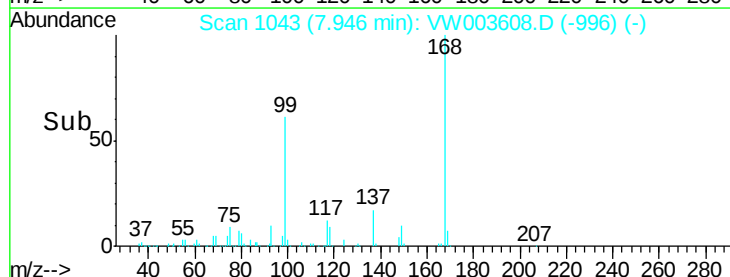
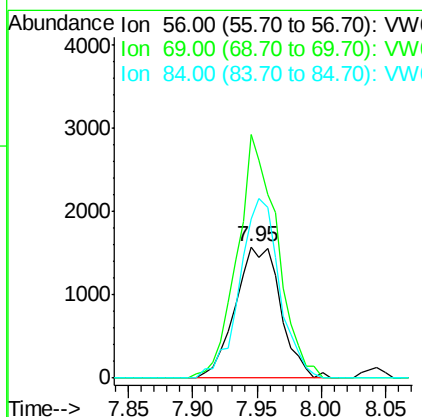
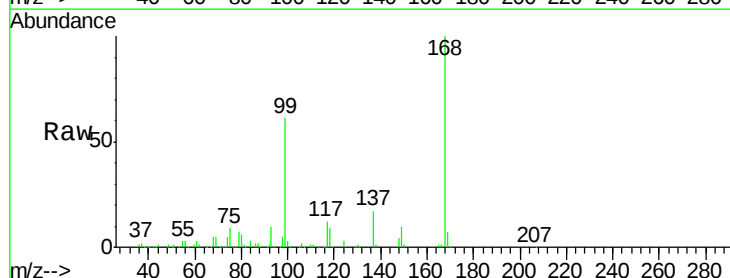
Tgt Ion: 56 Resp: 3823

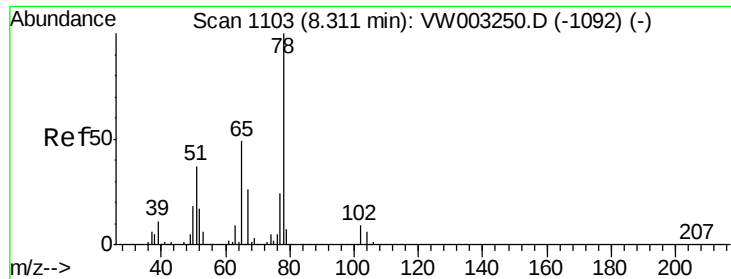
Ion Ratio Lower Upper

56 100

69 185.5 26.3 39.5#

84 121.5 65.7 98.5#

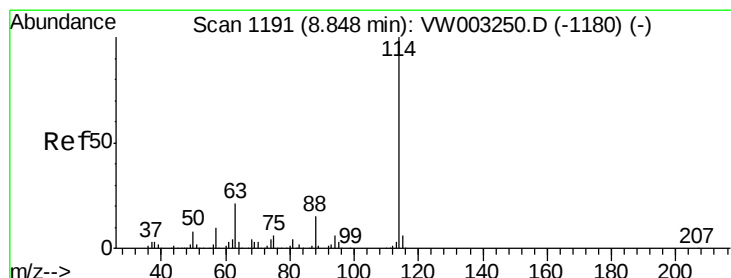
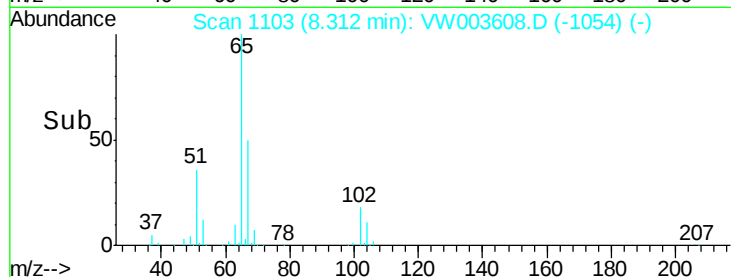
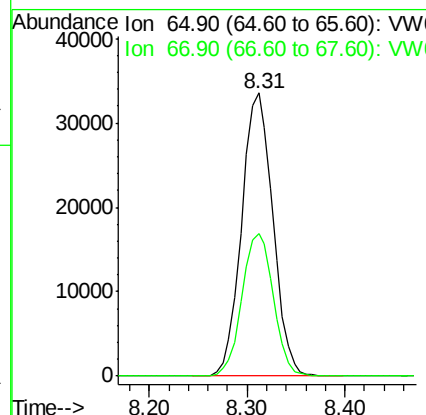
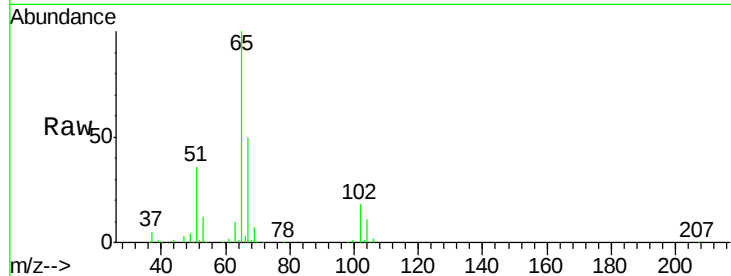




#33
 1,2-Dichloroethane-d4
 Concen: 45.26 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

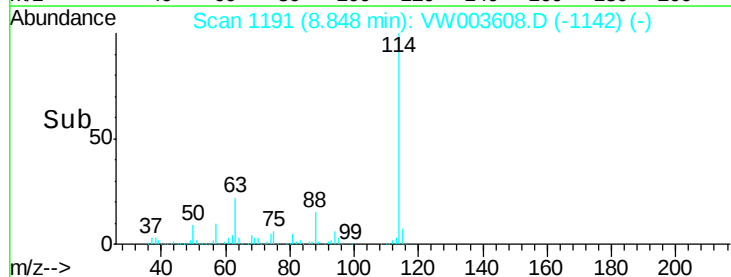
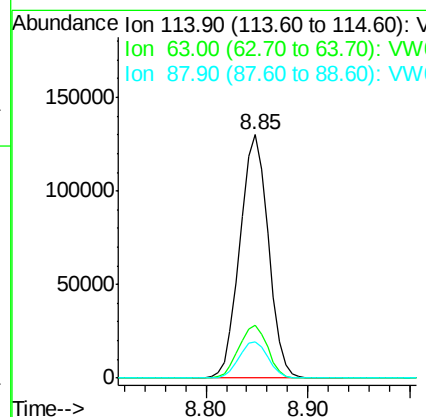
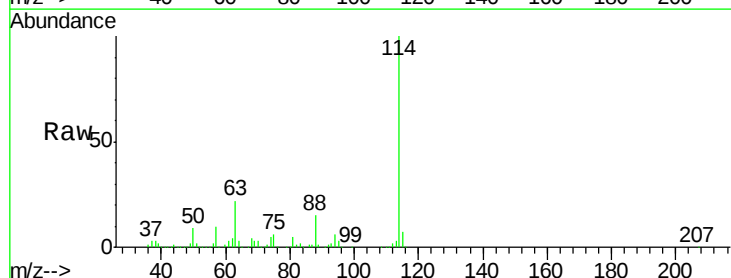
Instrument :
 MSVOA_W
 ClientSampleId :

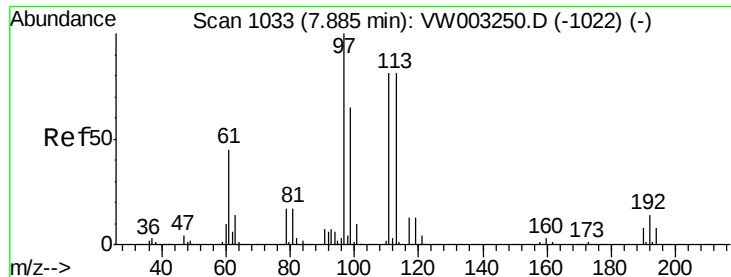
Tot Ion: 65 Resp: 74306
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Tgt Ion: 114 Resp: 250782
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.1 0.0 29.6

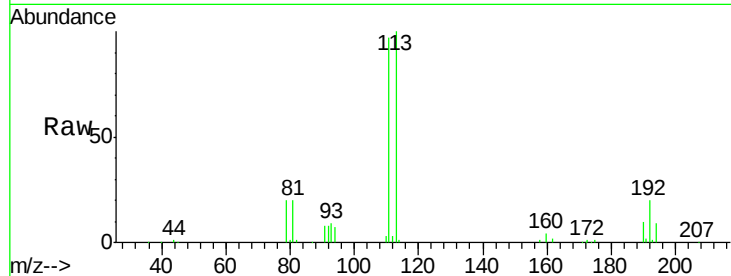




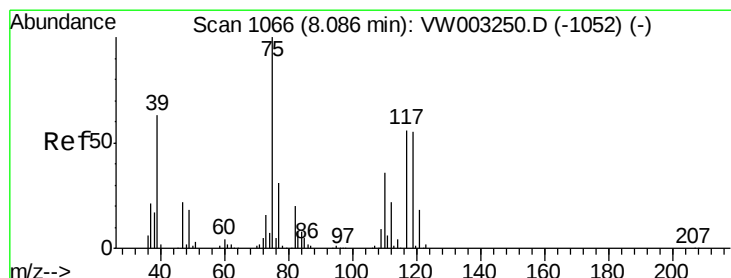
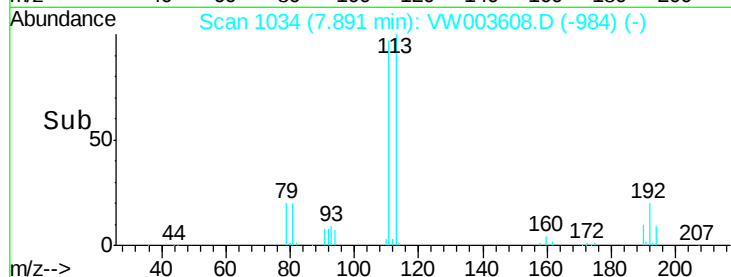
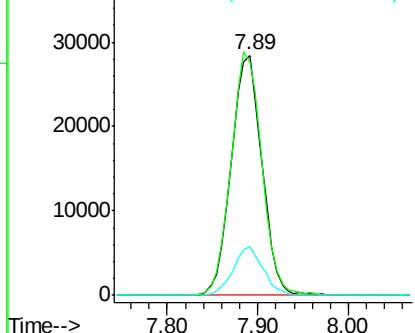
#35
 Dibromofluoromethane
 Concen: 42.88 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 66813
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.2
 192 19.5 16.2 24.2

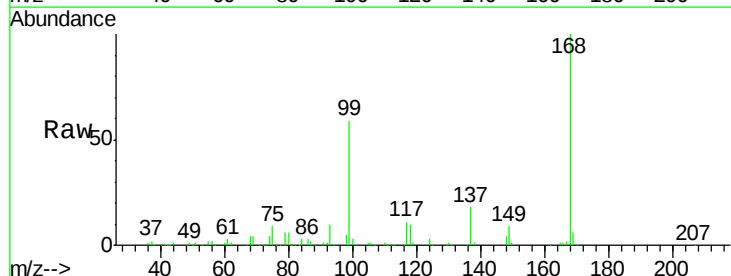


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

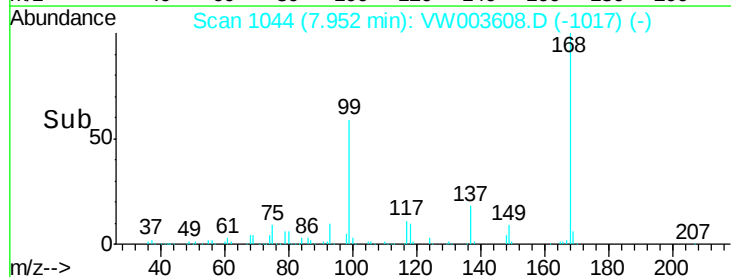
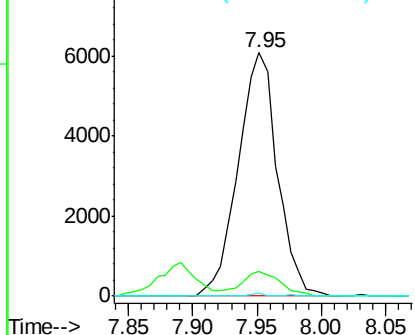


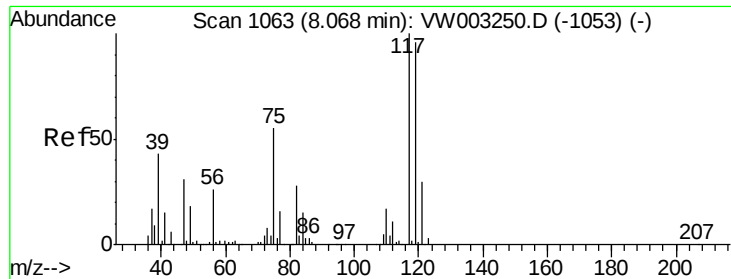
#36
 1,1-Dichloropropene
 Concen: 5.30 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Tgt Ion: 75 Resp: 12826
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.1 51.3#
 77 0.4 24.9 37.3#



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: 6.80 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

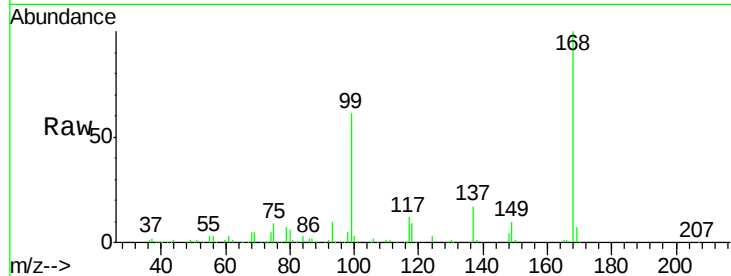
Tot Ion:117 Resp: 16157

Ion Ratio Lower Upper

117 100

119 3.5 76.6 115.0#

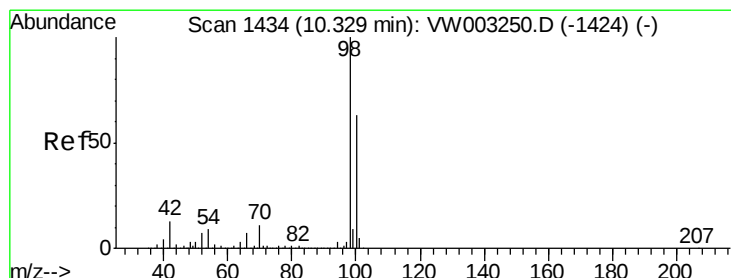
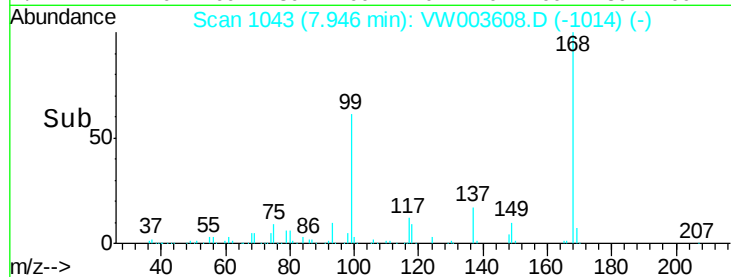
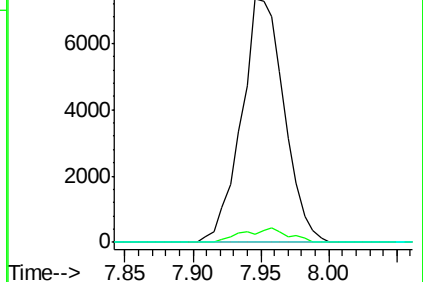
121 0.0 23.9 35.9#



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: 33.09 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003608.D

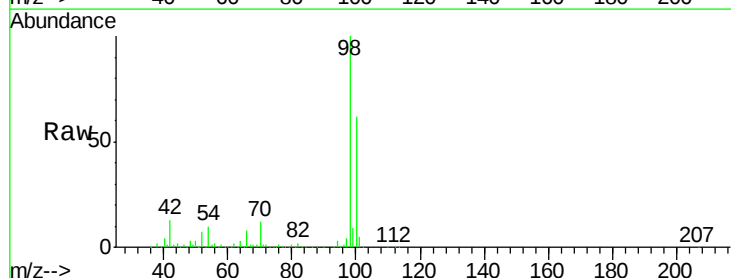
Acq: 27 Jun 2018 12:57

Tgt Ion: 98 Resp: 204449

Ion Ratio Lower Upper

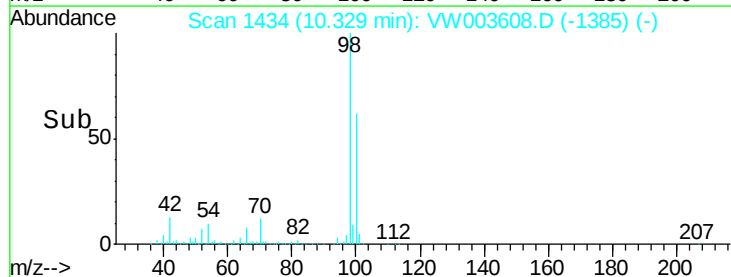
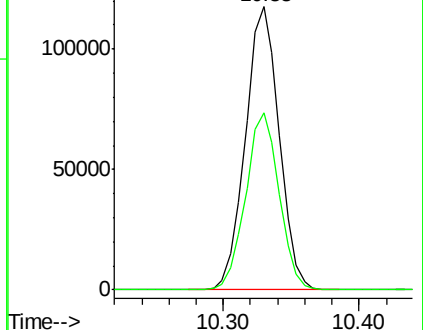
98 100

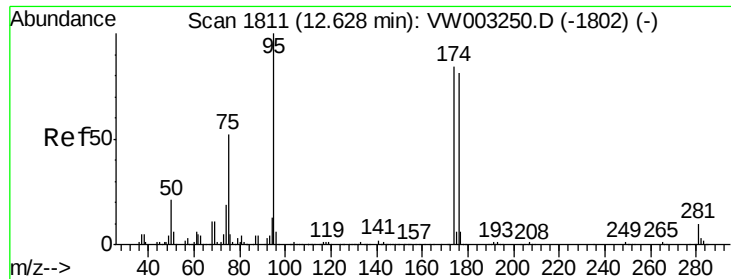
100 62.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

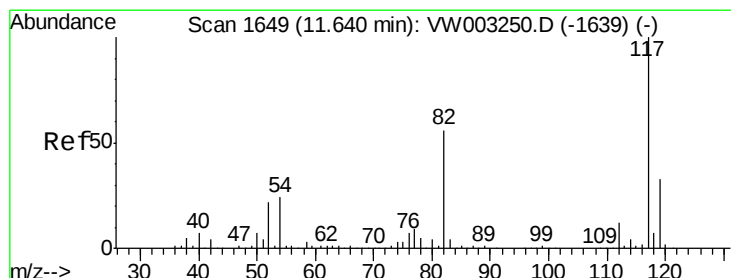
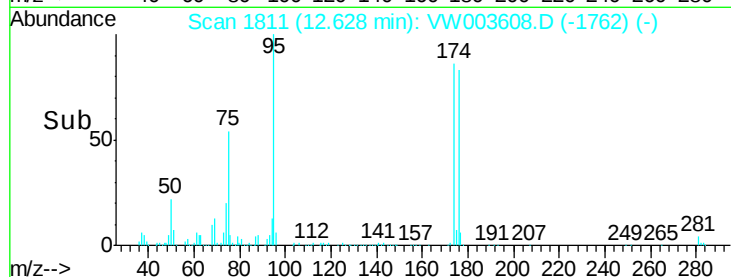
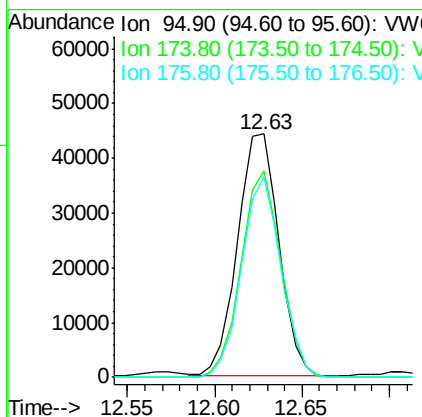
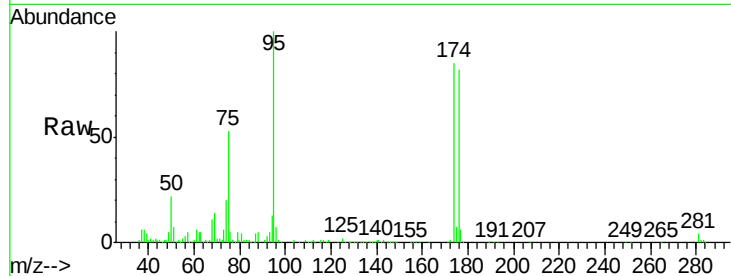




#62
4-Bromofluorobenzene
Concen: 33.35 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003608.D
Acq: 27 Jun 2018 12:57

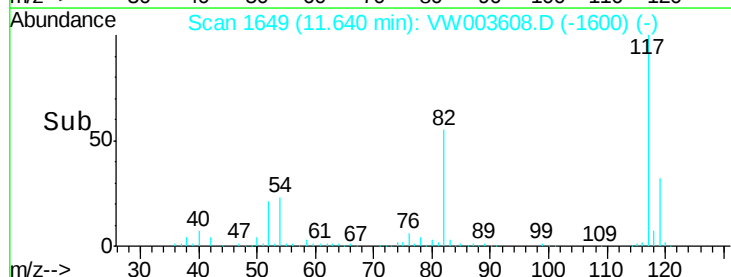
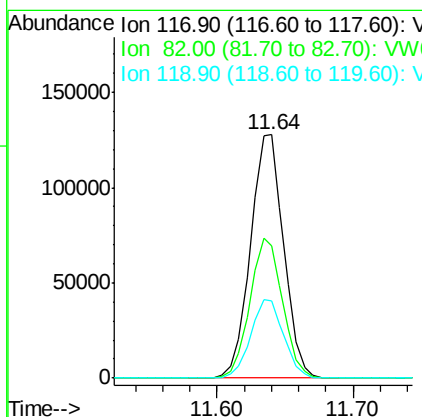
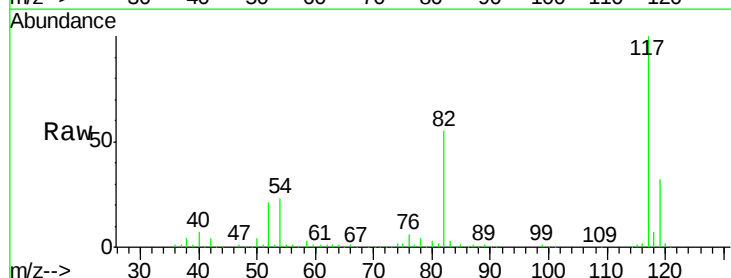
Instrument :
MSVOA_W
ClientSampleId :

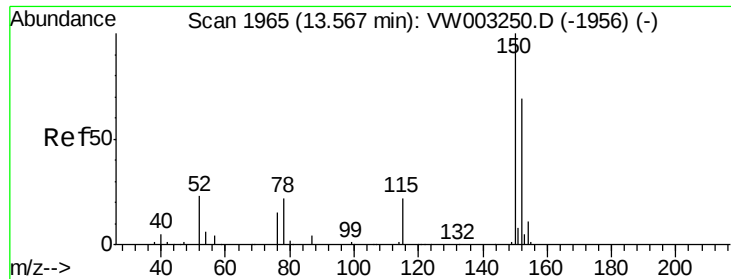
Tot Ion: 95 Resp: 72926
Ion Ratio Lower Upper
95 100
174 82.4 0.0 166.4
176 78.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003608.D
Acq: 27 Jun 2018 12:57

Tgt Ion: 117 Resp: 218284
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 31.8 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

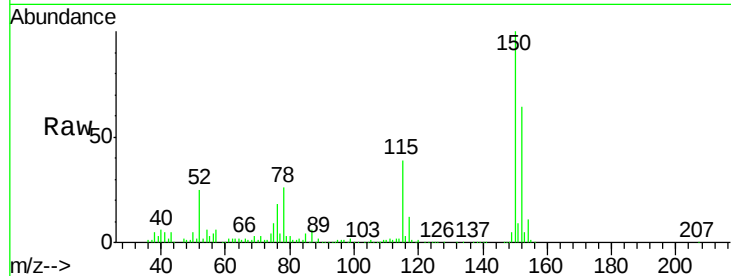
Tot Ion:152 Resp: 89145

Ion Ratio Lower Upper

152 100

115 60.9 29.3 88.0

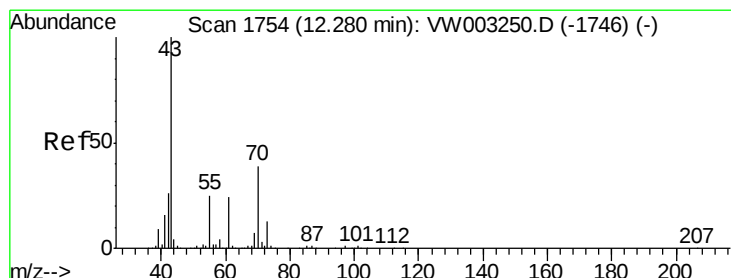
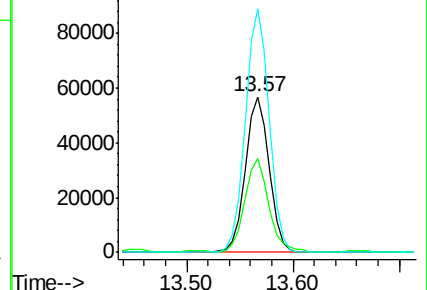
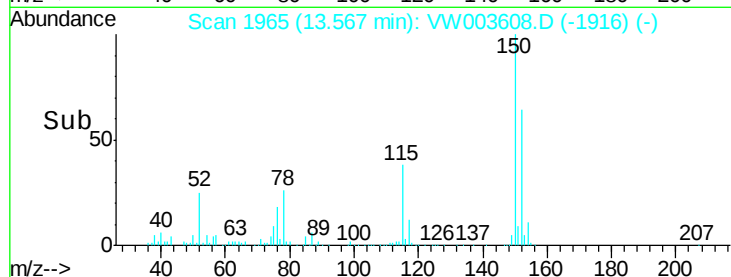
150 156.0 0.0 349.6



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



#74

N-ethyl acetate

Concen: 1.91 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Tgt Ion: 43 Resp: 2691

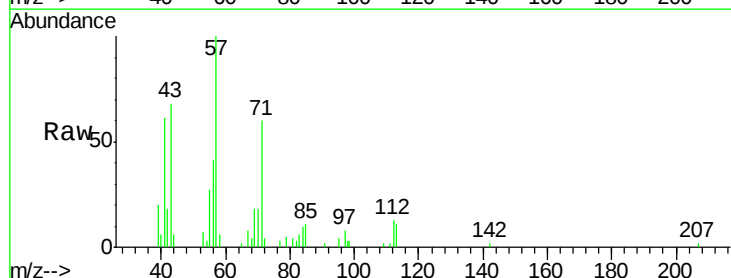
Ion Ratio Lower Upper

43 100

70 23.9 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

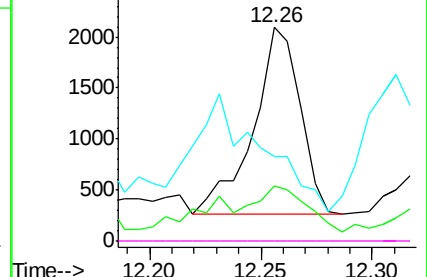
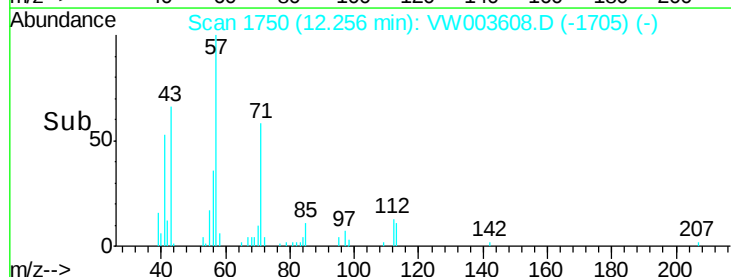


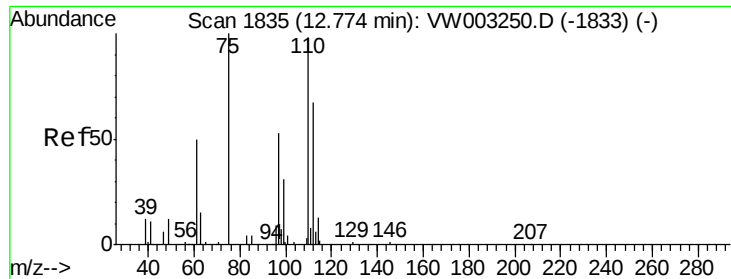
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 52.25 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

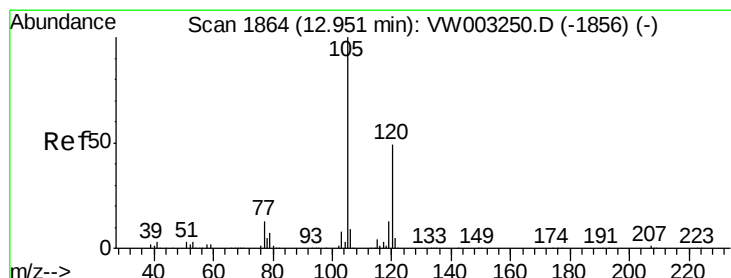
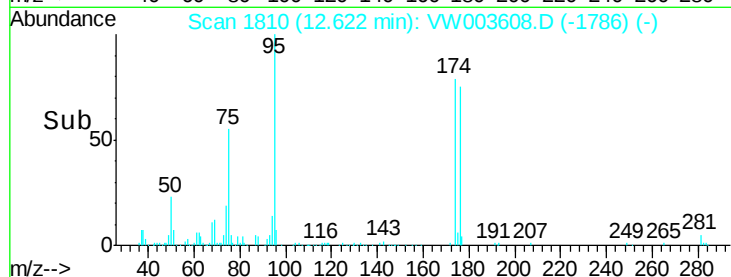
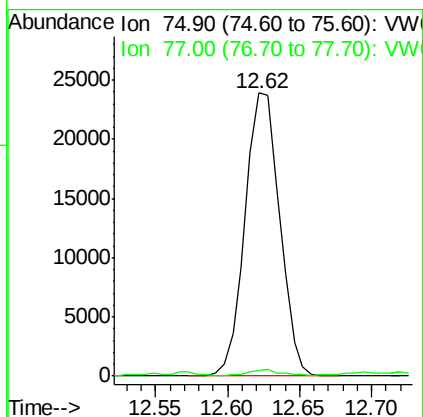
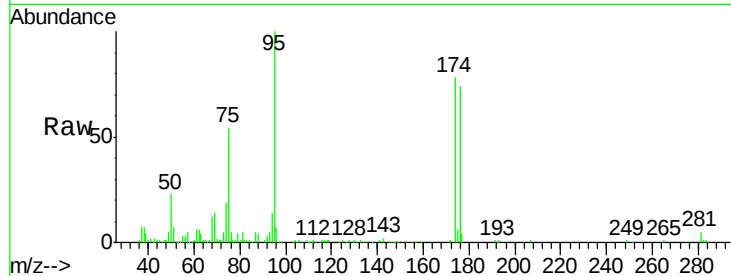
ClientSampleId :

Tot Ion: 75 Resp: 39817

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 4.26 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003608.D

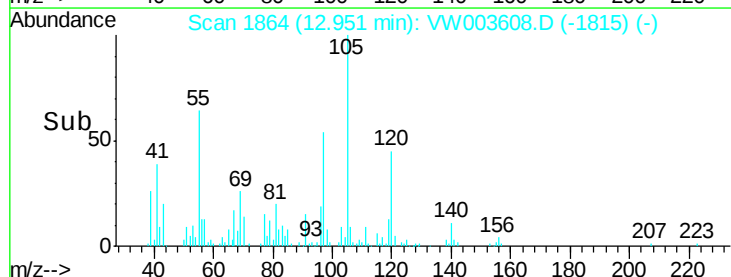
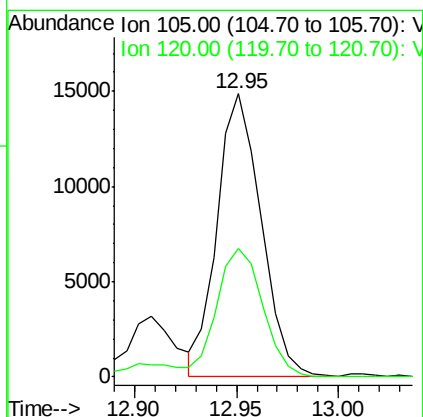
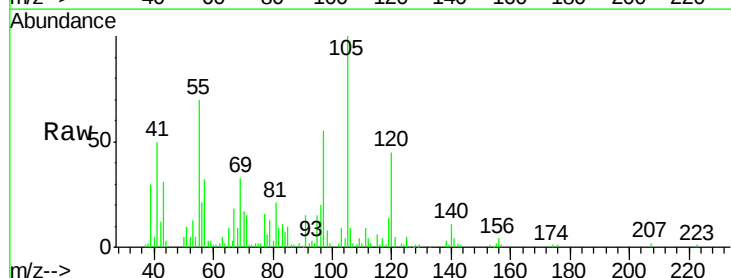
Acq: 27 Jun 2018 12:57

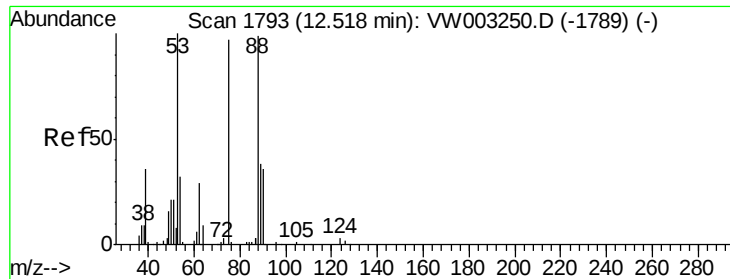
Tgt Ion: 105 Resp: 22193

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 120.22 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

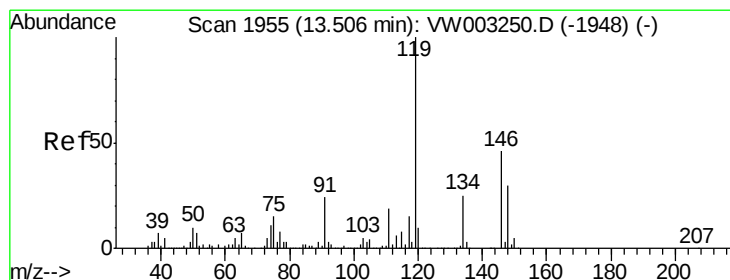
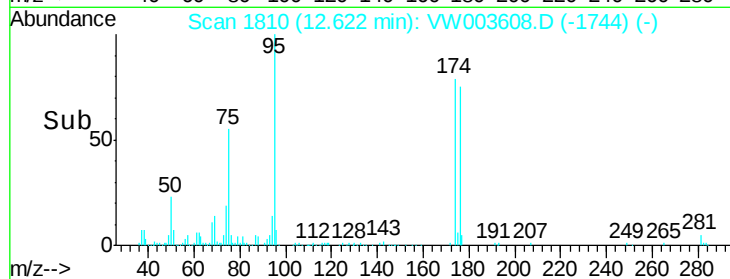
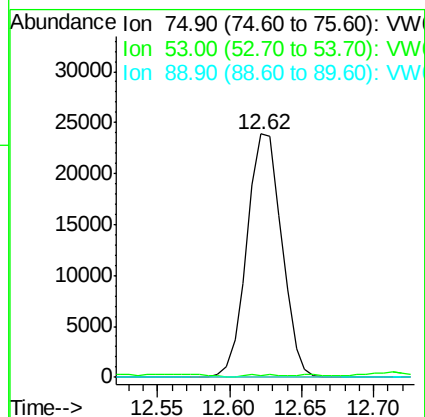
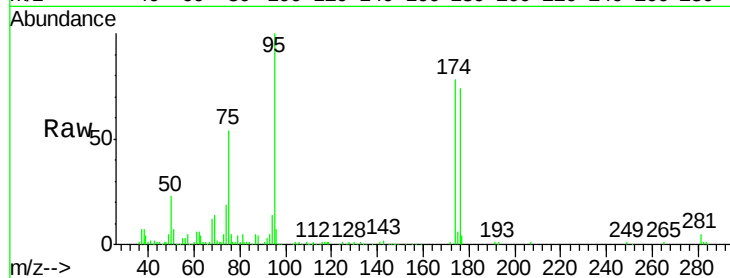
Tot Ion: 75 Resp: 39817

Ion Ratio Lower Upper

75 100

53 1.3 82.9 124.3#

89 0.1 36.7 55.1#



#86

p-Isopropyltoluene

Concen: 1.65 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

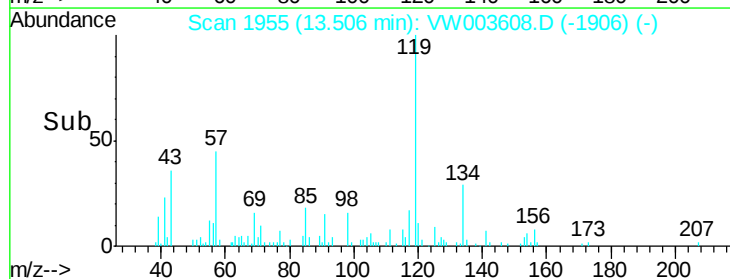
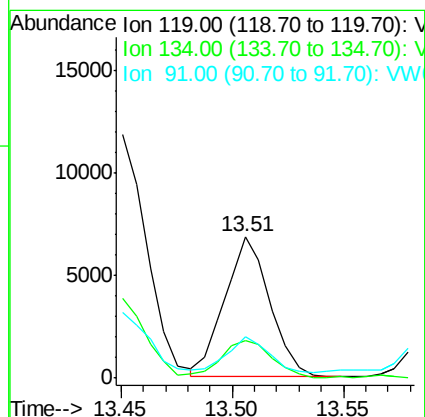
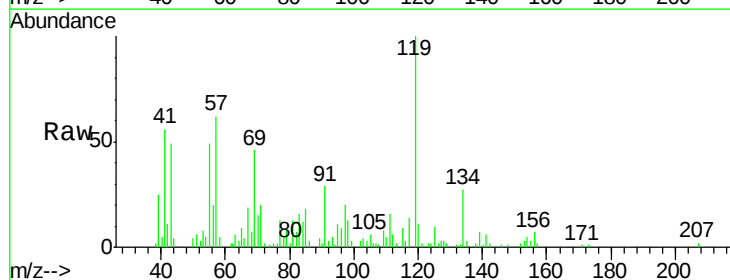
Tgt Ion: 119 Resp: 9600

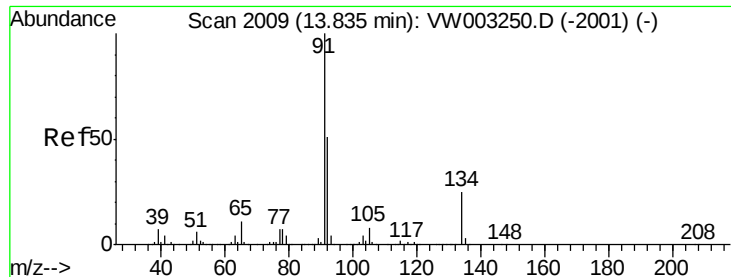
Ion Ratio Lower Upper

119 100

134 29.7 12.9 38.7

91 23.7 11.8 35.3

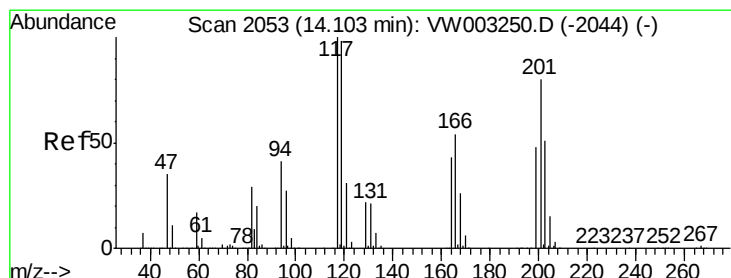
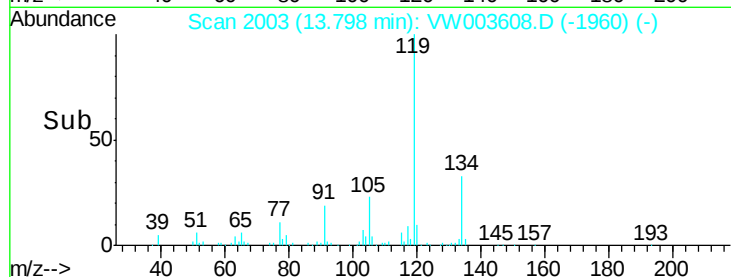
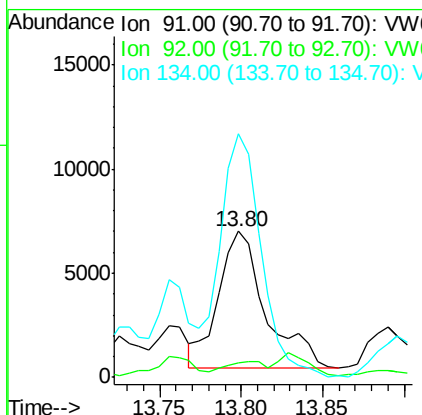
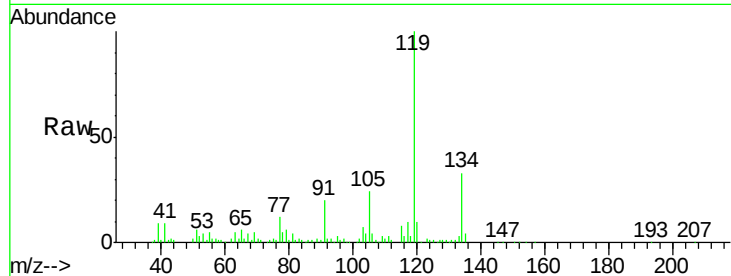




#89
n-Butylbenzene
Concen: 2.33 ug/l
RT: 13.80 min Scan# 2003
Delta R.T. -0.04 min
Lab File: VW003608.D
Acq: 27 Jun 2018 12:57

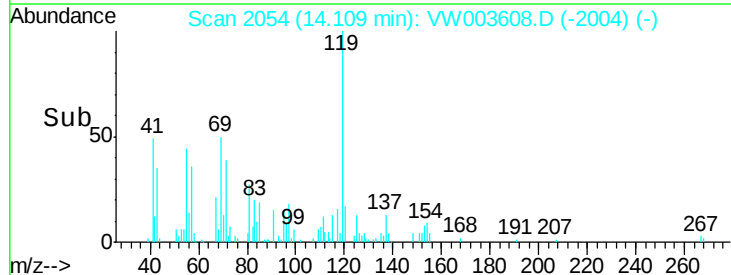
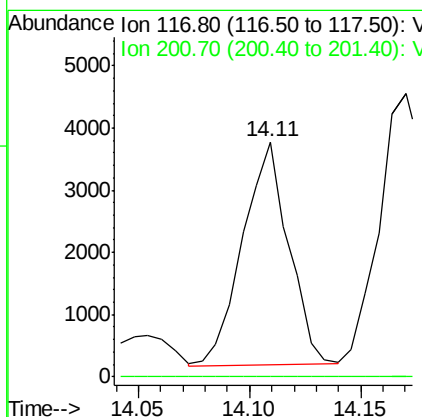
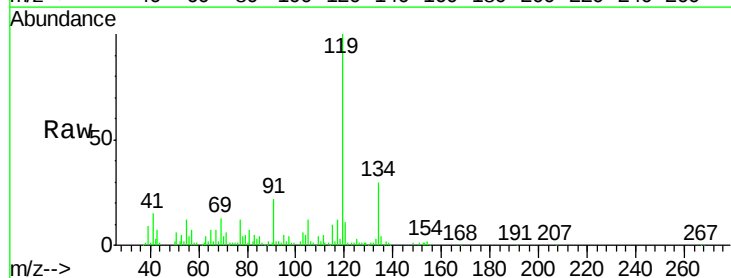
Instrument :
MSVOA_W
ClientSampled :

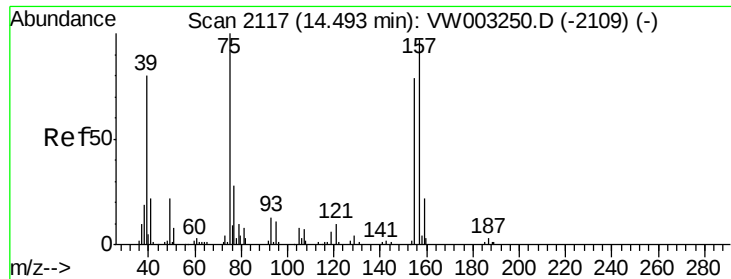
Tot Ion: 91 Resp: 13213
Ion Ratio Lower Upper
91 100
92 6.4 26.0 78.0#
134 155.6 12.7 38.0#



#90
Hexachloroethane
Concen: 4.90 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.01 min
Lab File: VW003608.D
Acq: 27 Jun 2018 12:57

Tgt Ion: 117 Resp: 5149
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.62 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 462

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

157 0.0 51.5 154.5#

