

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
 Data File : VW001125.D
 Acq On : 29 Jan 2018 18:21
 Operator : JC/SY
 Sample : J1022-10
 Misc : 4.29G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-012618

Quant Time: Jan 30 02:09:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	12201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	10373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	4649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4886	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	7.88	113	1176	15.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.14%	
50) Toluene-d8	10.34	98	15678	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.63	95	4633	41.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.72%	

Target Compounds						Qvalue
3) Chloromethane	2.22	50	307	4.69	ug/l #	51
5) Bromomethane	2.79	94	347	3.64	ug/l	87
6) Chloroethane	2.92	64	60	1.62	ug/l #	42
8) Diethyl Ether	3.68	74	40	1.27	ug/l #	3
10) Methyl Iodide	4.29	142	1254	14.75	ug/l #	91
16) Acetone	4.13	43	1410	62.40	ug/l #	79
20) Methylene Chloride	4.92	84	1291	15.58	ug/l #	81
31) Cyclohexane	7.95	56	132	1.04	ug/l #	72
36) 1,1-Dichloropropene	7.95	75	662	6.01	ug/l #	40
38) Carbon Tetrachloride	7.95	117	932	7.58	ug/l #	12
41) Methacrylonitrile	7.50	41	50	1.55	ug/l #	21
51) 4-Methyl-2-Pentanone	10.33	43	74	1.35	ug/l #	35
52) Toluene	10.40	92	649	3.31	ug/l	81
59) 2-Hexanone	11.01	43	55	1.33	ug/l #	24
67) Ethyl Benzene	11.75	91	673	1.93	ug/l	95
68) m/p-Xylenes	11.85	106	783	5.75	ug/l	98
69) o-Xylene	12.18	106	664	5.29	ug/l	96
73) Isopropylbenzene	12.48	105	528	1.81	ug/l #	70
74) N-amyl acetate	12.27	43	118	1.77	ug/l #	36
76) 1,2,3-Trichloropropane	12.63	75	2210	46.90	ug/l #	100
78) n-propylbenzene	12.82	91	1618	4.64	ug/l	99
79) 2-Chlorotoluene	12.91	91	616	3.09	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.96	105	3163	12.70	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.63	75	2210	123.33	ug/l #	12
82) 4-Chlorotoluene	12.99	91	400	1.88	ug/l #	39
83) tert-Butylbenzene	13.46	119	1133	5.15	ug/l	66
84) 1,2,4-Trimethylbenzene	13.27	105	9129	36.02	ug/l	99
85) sec-Butylbenzene	13.40	105	792	2.54	ug/l #	78
86) p-Isopropyltoluene	13.46	119	1133	4.09	ug/l	83
87) 1,3-Dichlorobenzene	13.52	146	477	3.20	ug/l	86
88) 1,4-Dichlorobenzene	13.52	146	477	3.18	ug/l	88
89) n-Butylbenzene	13.83	91	1286	4.99	ug/l #	68
90) Hexachloroethane	14.12	117	537	10.41	ug/l #	6
91) 1,2-Dichlorobenzene	13.89	146	405	2.96	ug/l #	64

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QLast Update : Tue Jan 30 01:11:27 2018
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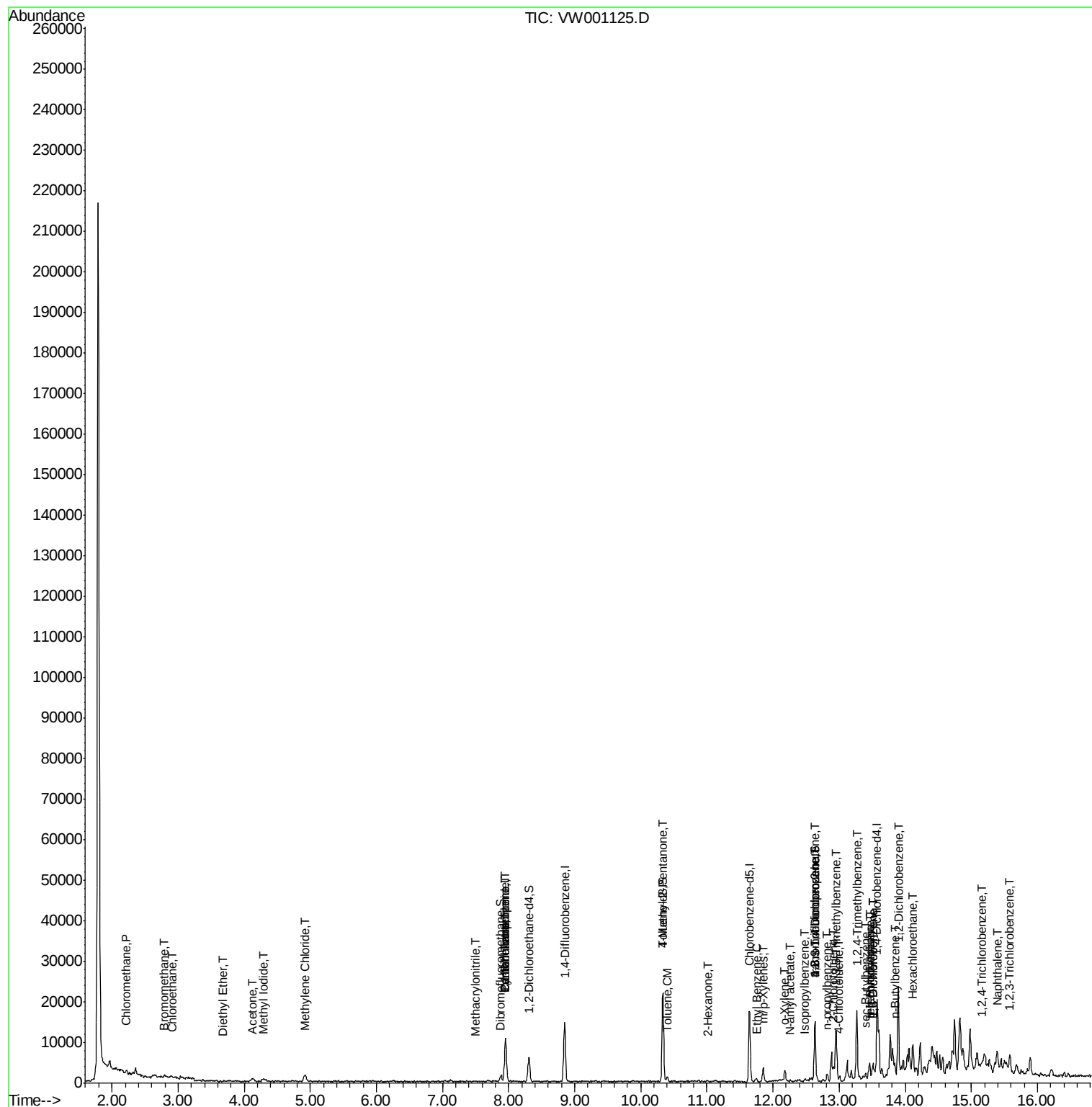
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	467	4.65	ug/l #	46
95) Naphthalene	15.39	128	4249	21.42	ug/l	96
96) 1,2,3-Trichlorobenzene	15.58	180	586	6.32	ug/l #	81

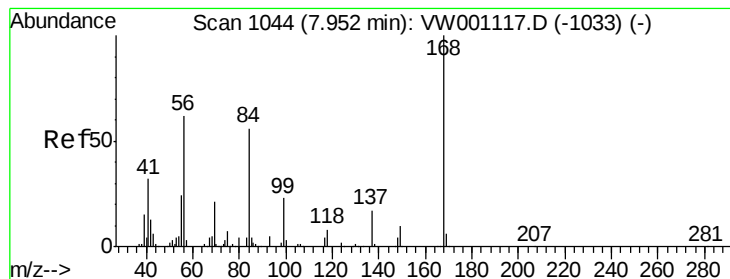
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

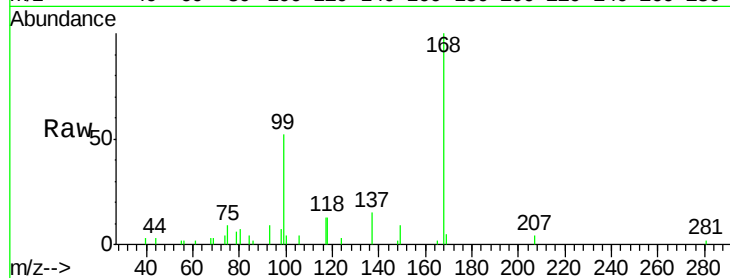
SU-03-012618

Tgt Ion:168 Resp: 8840

Ion Ratio Lower Upper

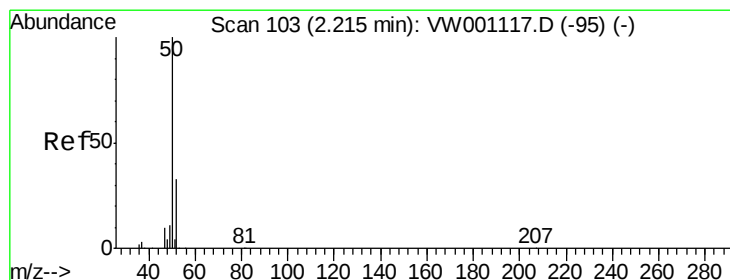
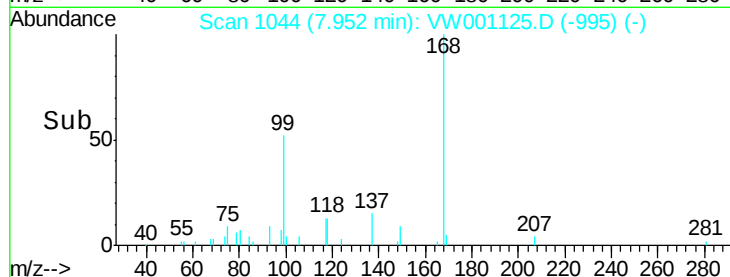
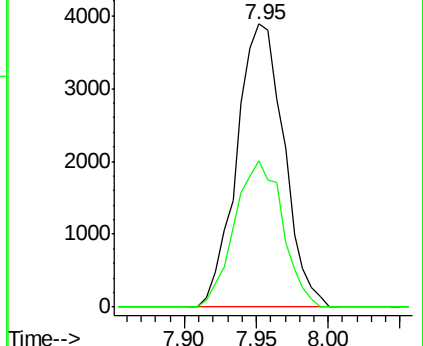
168 100

99 51.9 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 4.69 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW001125.D

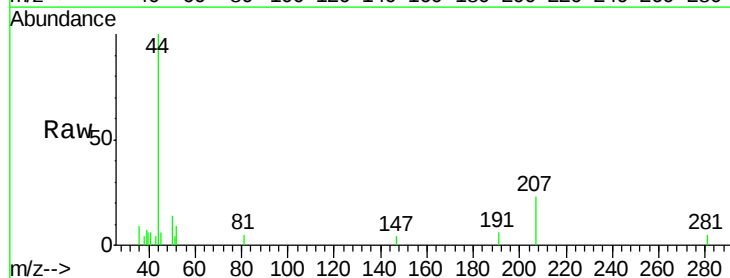
Acq: 29 Jan 2018 18:21

Tgt Ion: 50 Resp: 307

Ion Ratio Lower Upper

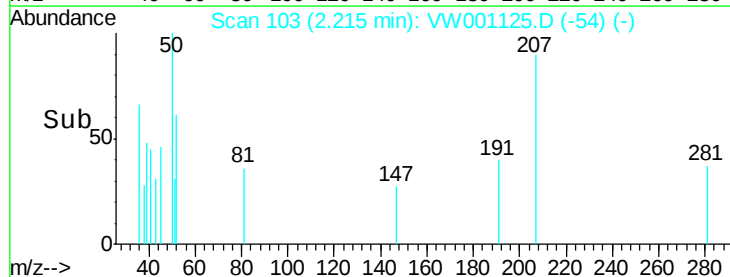
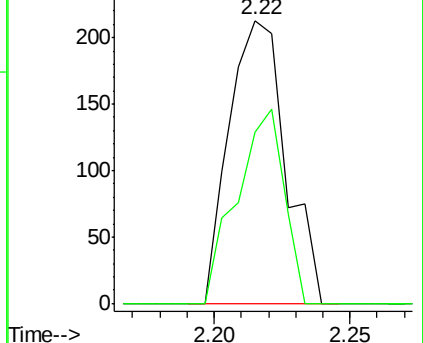
50 100

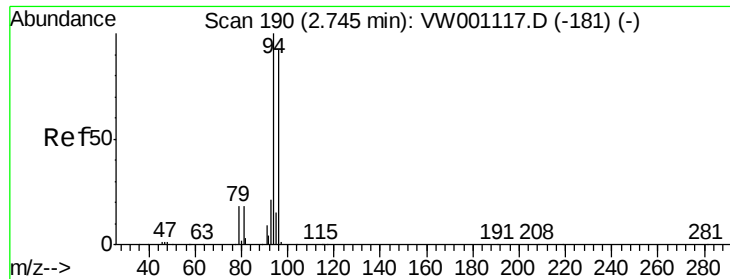
52 60.6 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: 3.64 ug/l

RT: 2.79 min Scan# 198

Delta R.T. 0.05 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

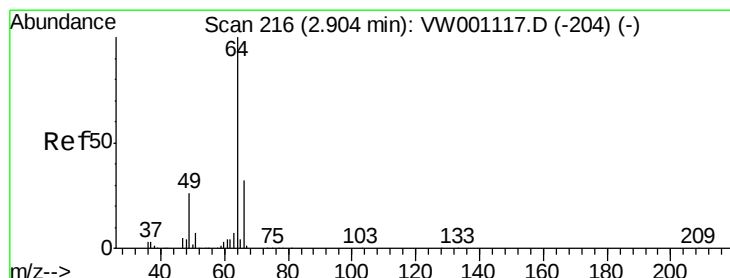
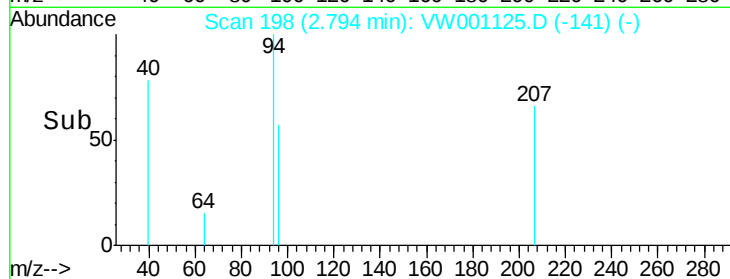
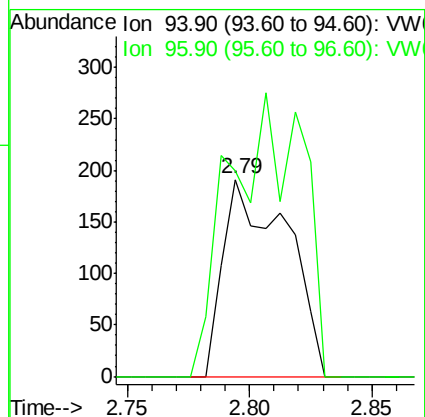
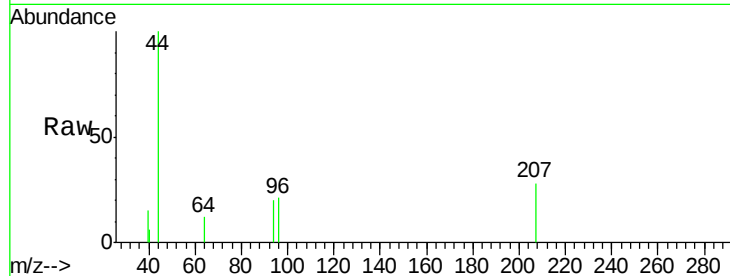
SU-03-012618

Tgt Ion: 94 Resp: 347

Ion Ratio Lower Upper

94 100

96 104.7 73.7 110.5



#6

Chloroethane

Concen: 1.62 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.02 min

Lab File: VW001125.D

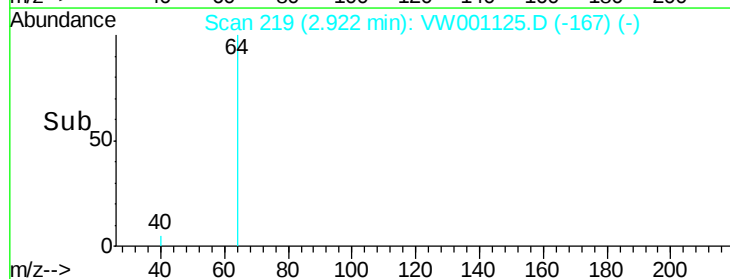
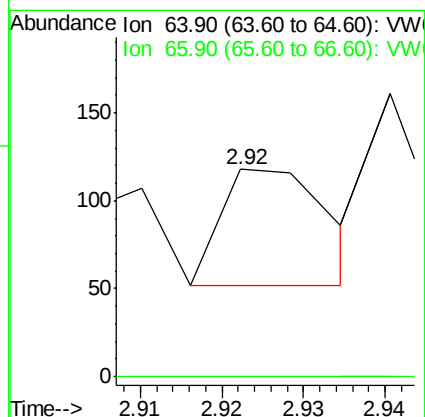
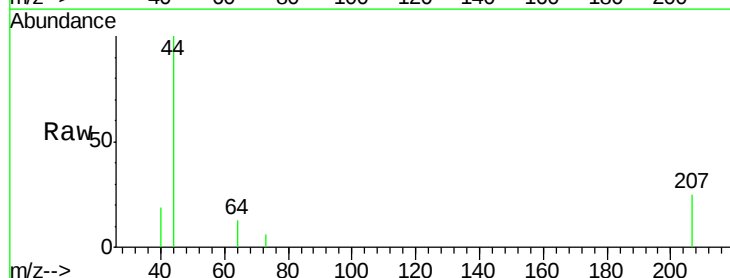
Acq: 29 Jan 2018 18:21

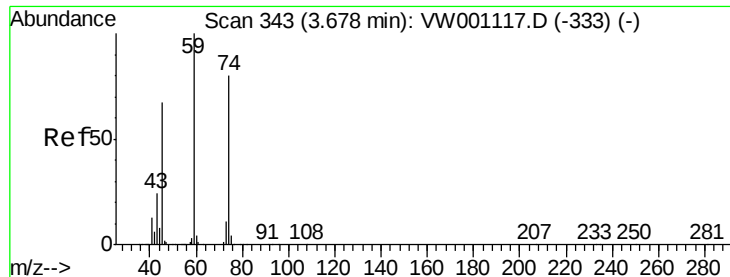
Tgt Ion: 64 Resp: 60

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.8#





#8

Diethyl Ether

Concen: 1.27 ug/l

RT: 3.68 min Scan# 343

Delta R.T. -0.00 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

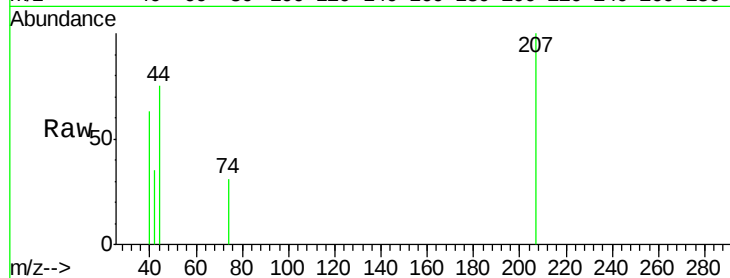
SU-03-012618

Tgt Ion: 74 Resp: 40

Ion Ratio Lower Upper

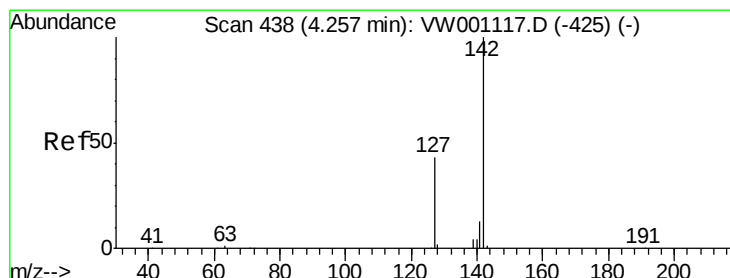
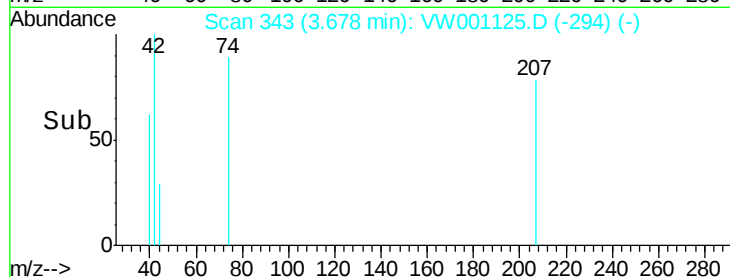
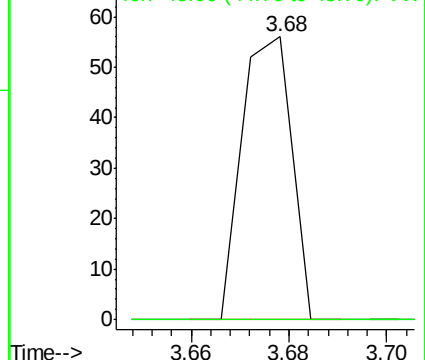
74 100

45 0.0 46.7 140.1#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#10

Methyl Iodide

Concen: 14.75 ug/l

RT: 4.29 min Scan# 444

Delta R.T. 0.04 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

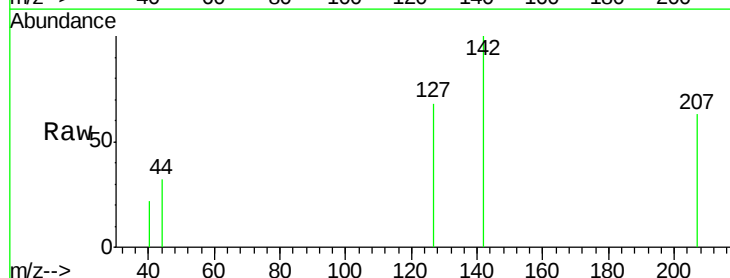
Tgt Ion: 142 Resp: 1254

Ion Ratio Lower Upper

142 100

127 44.2 35.4 53.2

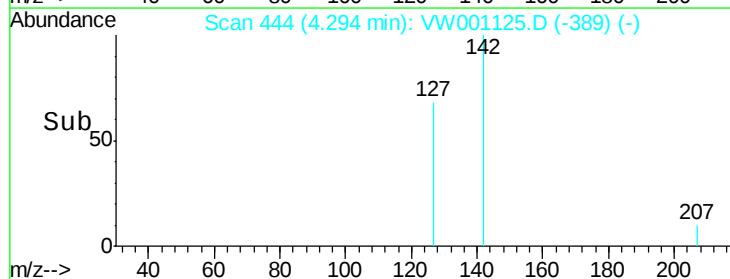
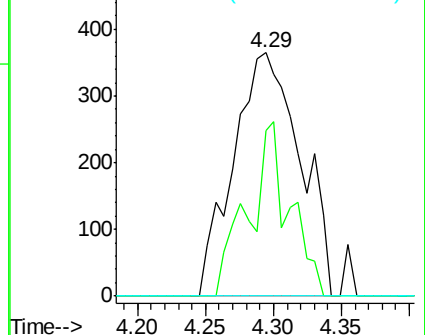
141 0.0 11.6 17.4#

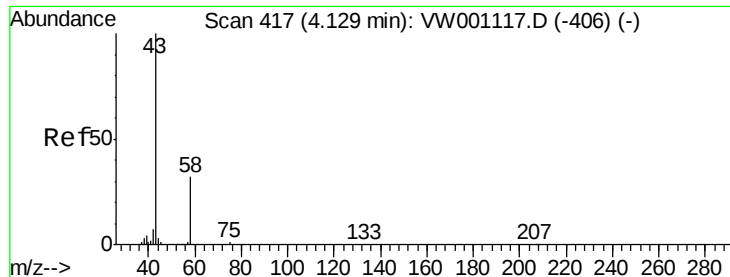


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 62.40 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.00 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

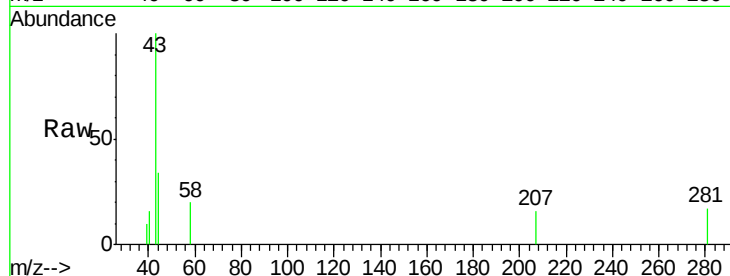
SU-03-012618

Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

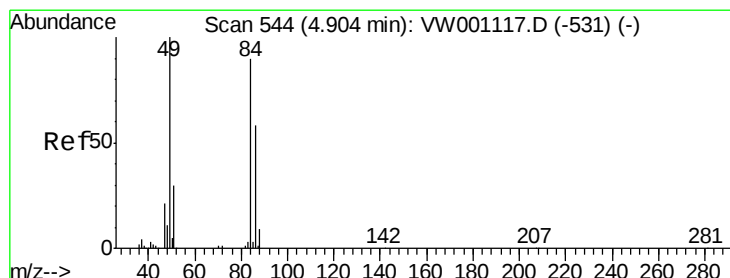
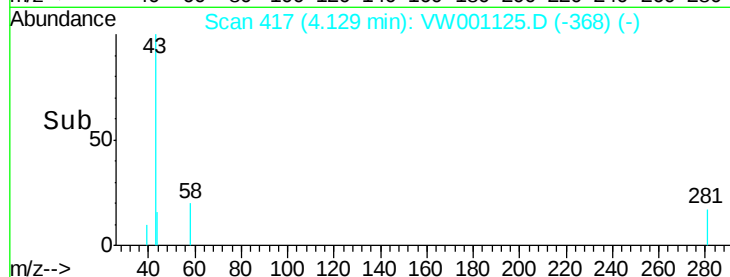
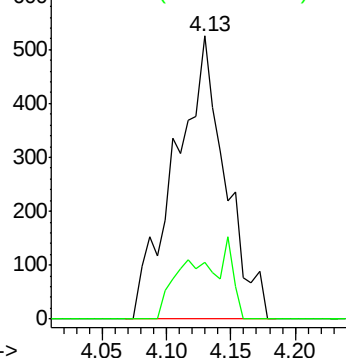
43 100

58 20.2 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 15.58 ug/l

RT: 4.92 min Scan# 547

Delta R.T. 0.02 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Tgt Ion: 84 Resp: 1291

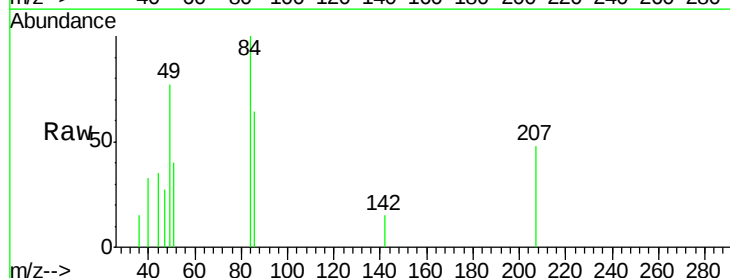
Ion Ratio Lower Upper

84 100

49 77.1 89.2 133.8#

51 40.1 26.7 40.1#

86 64.4 51.7 77.5

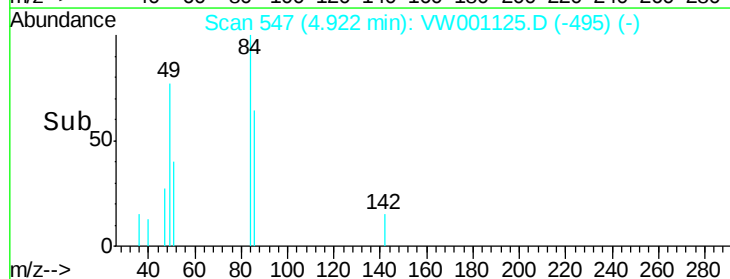
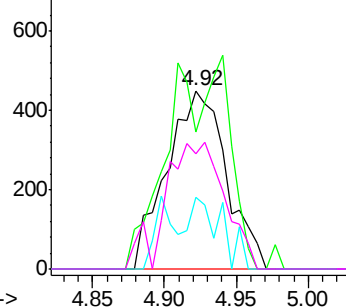


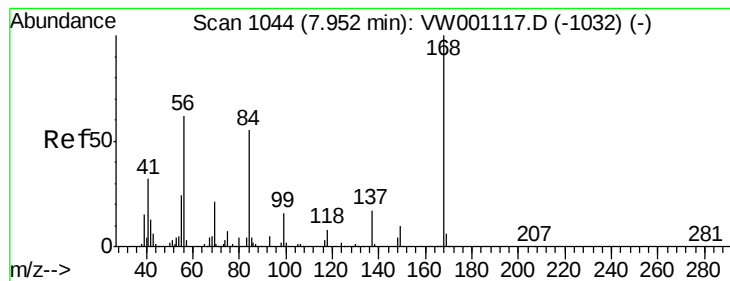
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001125.D

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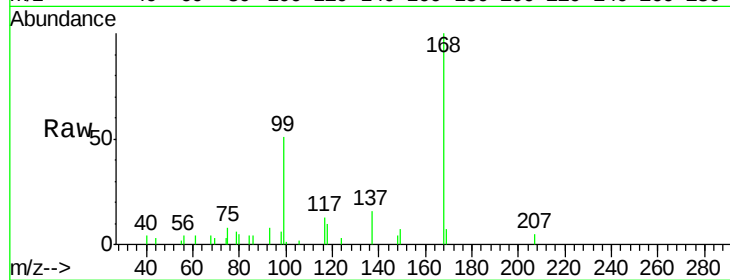
Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

69 88.5 27.4 41.0#

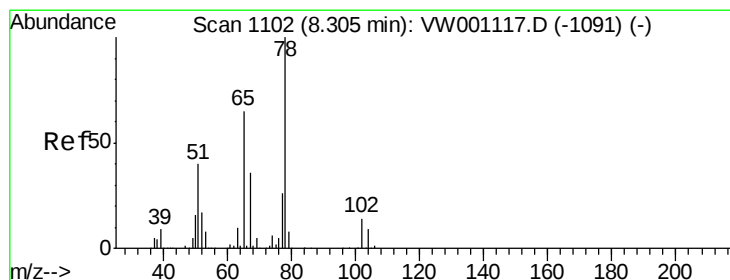
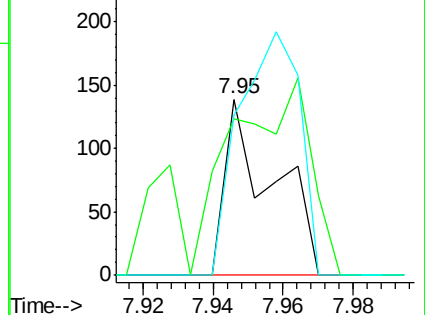
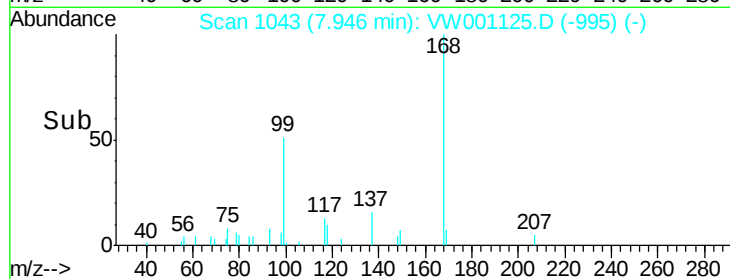
84 90.6 71.1 106.7



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: 56.85 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW001125.D

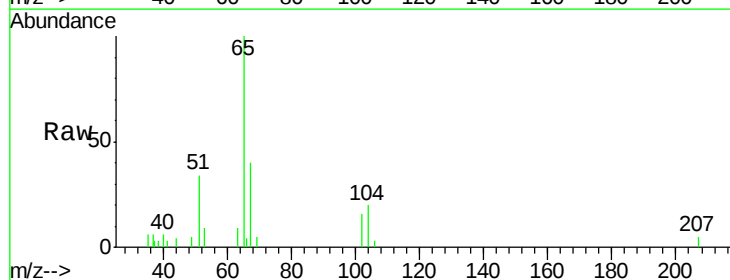
Acq: 29 Jan 2018 18:21

Tgt Ion: 65 Resp: 4886

Ion Ratio Lower Upper

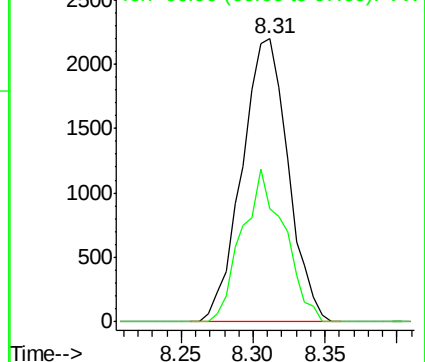
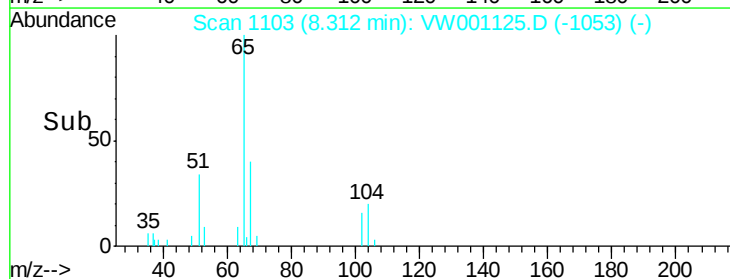
65 100

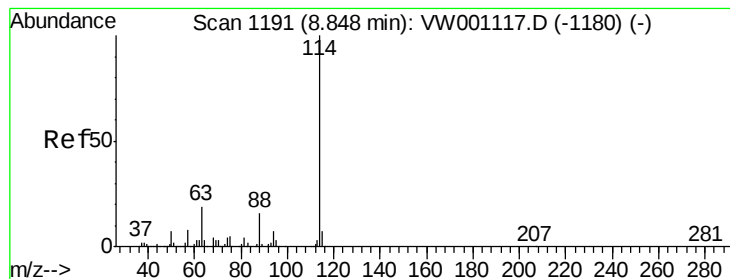
67 49.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

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SU-03-012618

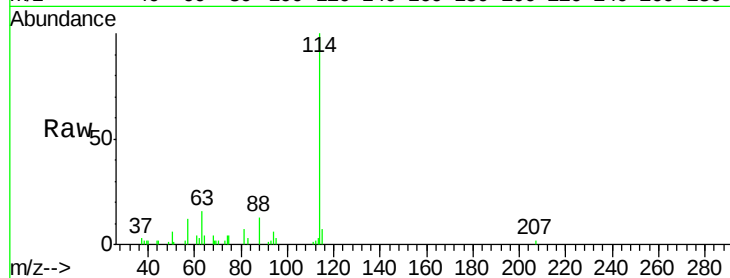
Tgt Ion:114 Resp: 12201

Ion Ratio Lower Upper

114 100

63 15.9 0.0 38.2

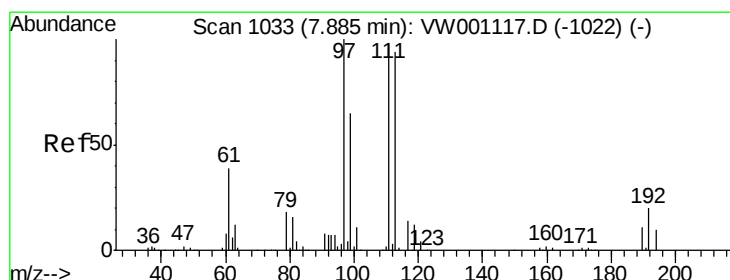
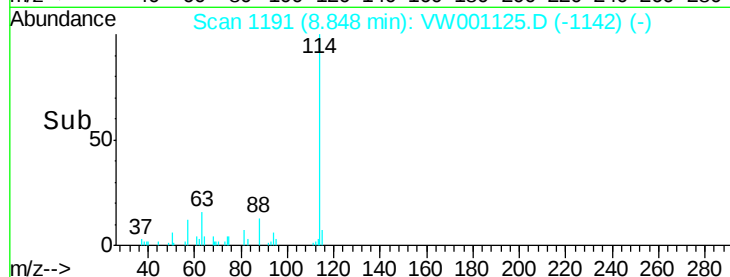
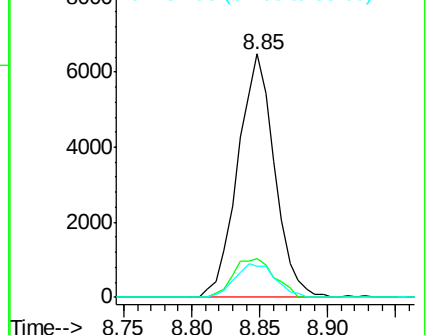
88 13.0 0.0 31.0



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: 15.07 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

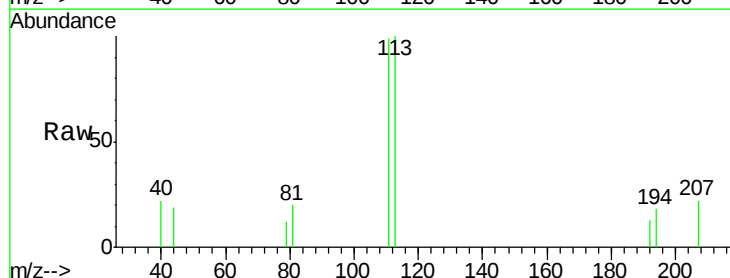
Tgt Ion:113 Resp: 1176

Ion Ratio Lower Upper

113 100

111 97.4 83.1 124.7

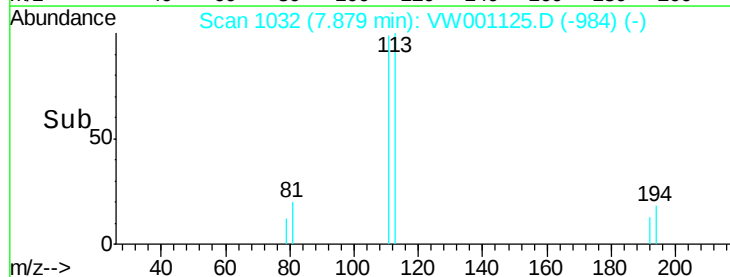
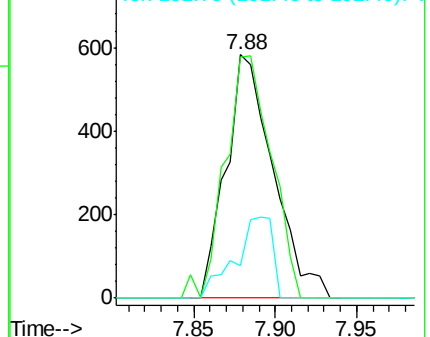
192 26.5 17.8 26.6

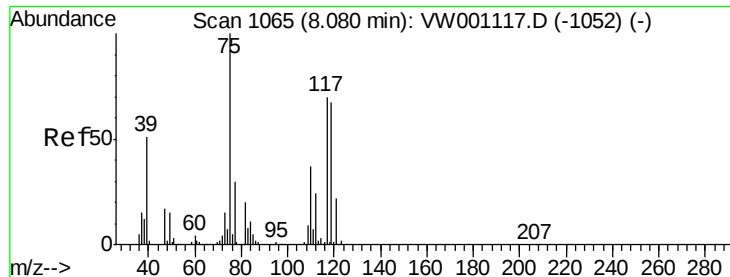


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 6.01 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

SU-03-012618

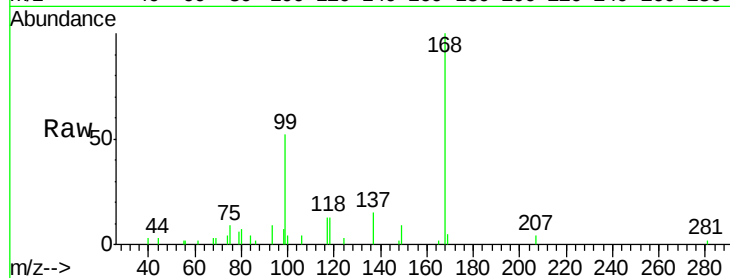
Tgt Ion: 75 Resp: 662

Ion Ratio Lower Upper

75 100

110 0.0 18.7 56.1#

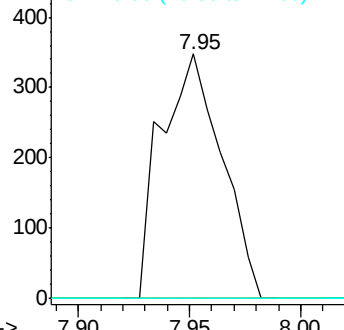
77 0.0 24.6 37.0#



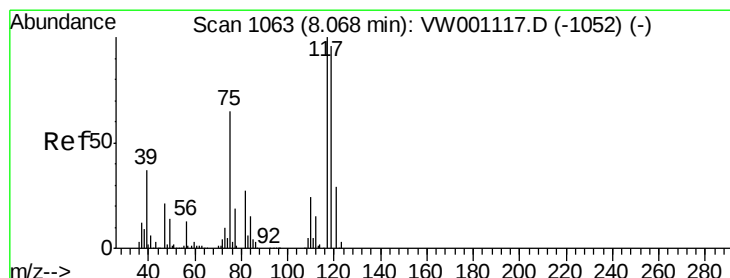
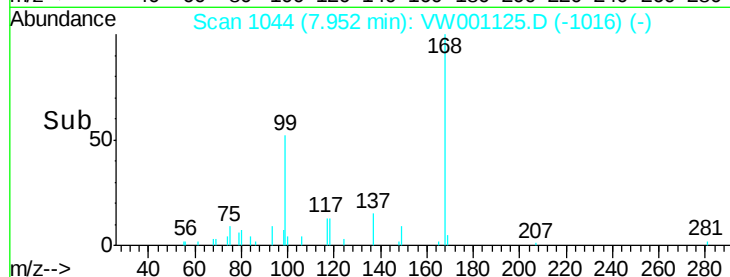
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



Time-->



#38

Carbon Tetrachloride

Concen: 7.58 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

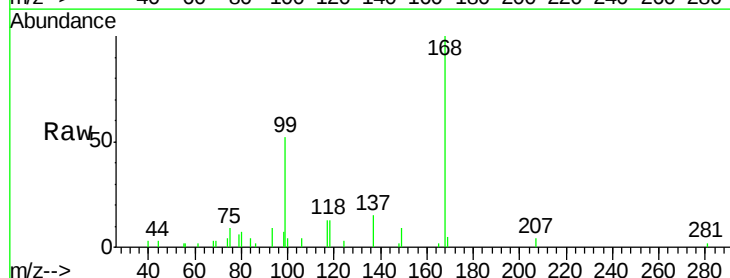
Tgt Ion: 117 Resp: 932

Ion Ratio Lower Upper

117 100

119 0.0 77.0 115.4#

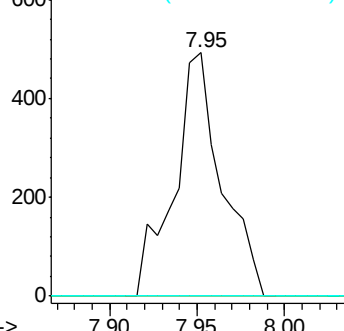
121 0.0 23.5 35.3#



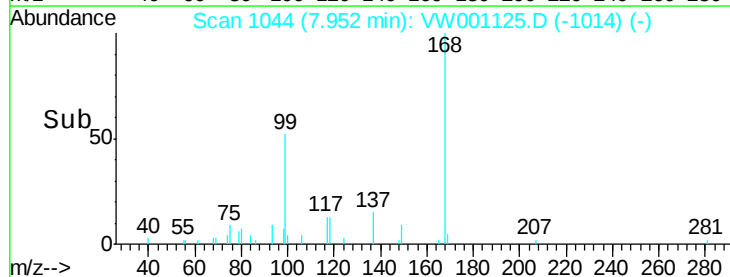
Abundance Ion 116.80 (116.50 to 117.50): V

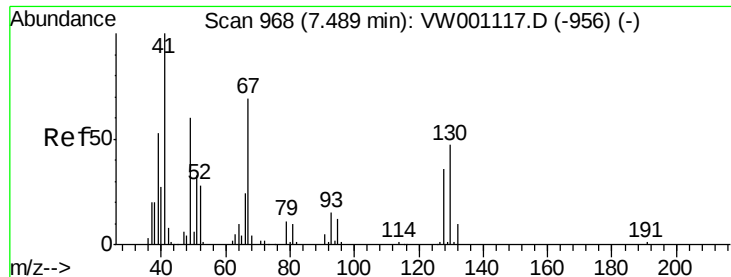
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->

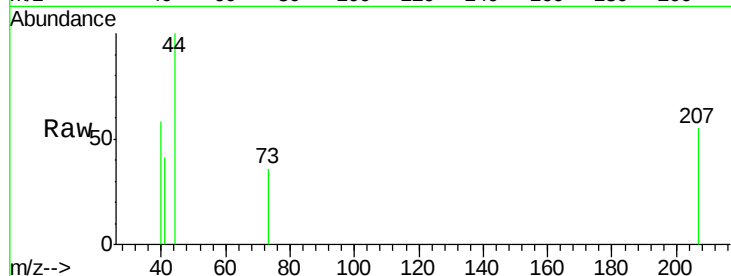




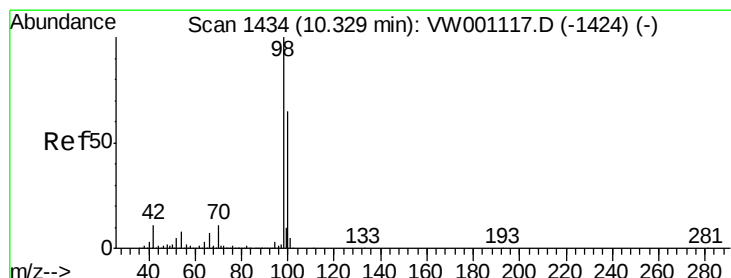
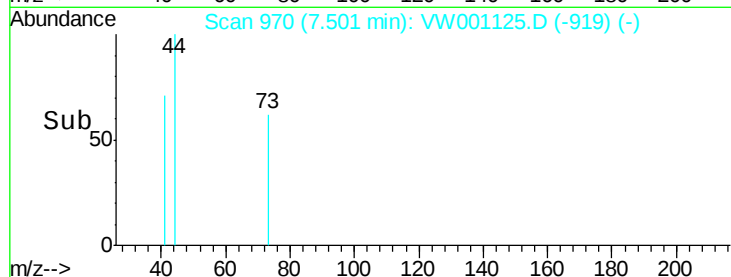
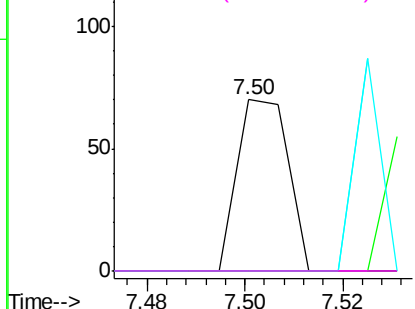
#41
Methacrylonitrile
Concen: 1.55 ug/l
RT: 7.50 min Scan# 970
Delta R.T. 0.01 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
SU-03-012618

Tgt Ion:	41	Resp:	50
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.8	73.2#
67	0.0	59.6	89.4#
52	0.0	24.6	37.0#

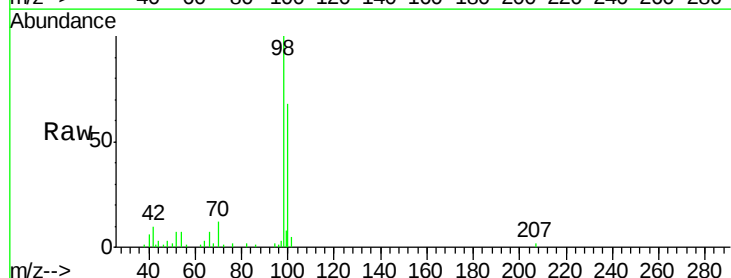


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

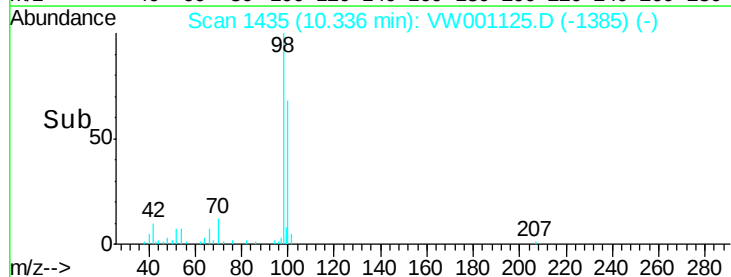
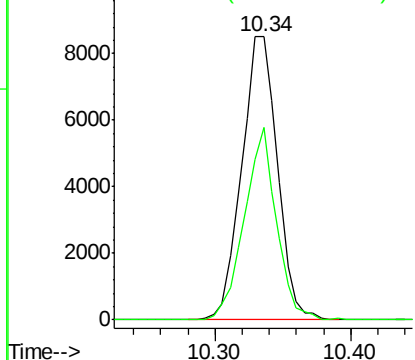


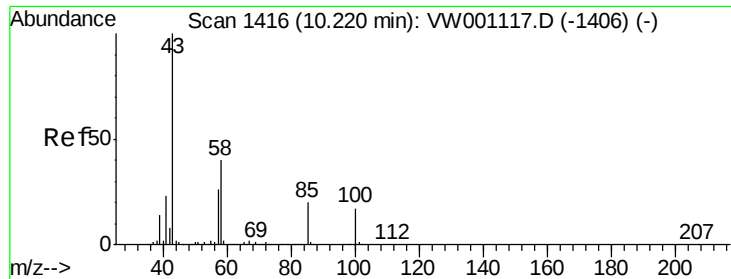
#50
Toluene-d8
Concen: 52.19 ug/l
RT: 10.34 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

Tgt Ion:	98	Resp:	15678
Ion	Ratio	Lower	Upper
98	100		
100	60.7	51.3	76.9



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: 1.35 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.11 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampled :

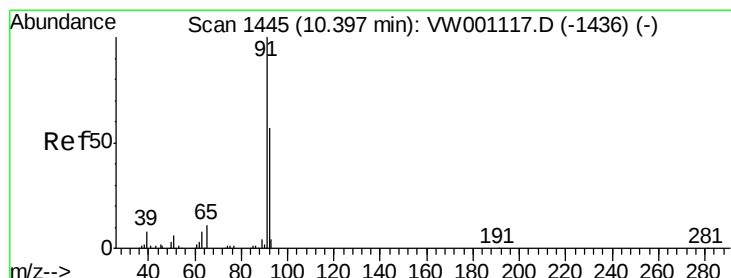
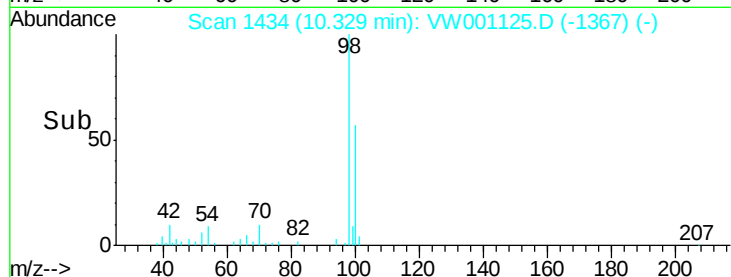
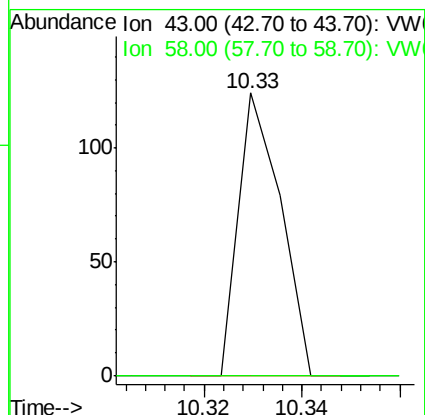
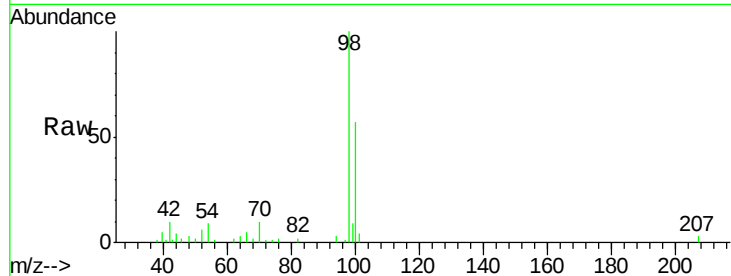
SU-03-012618

Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#



#52

Toluene

Concen: 3.31 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW001125.D

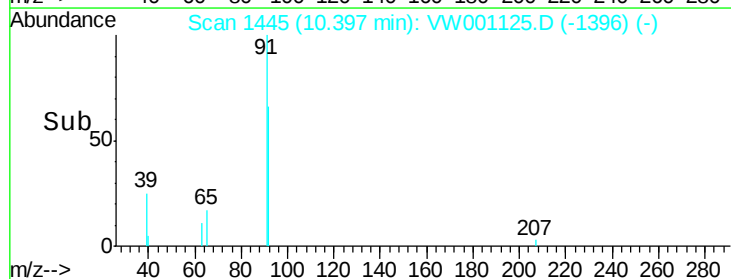
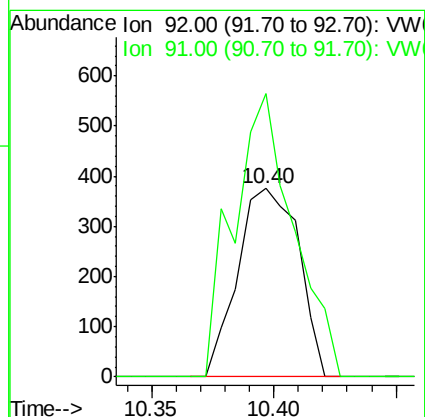
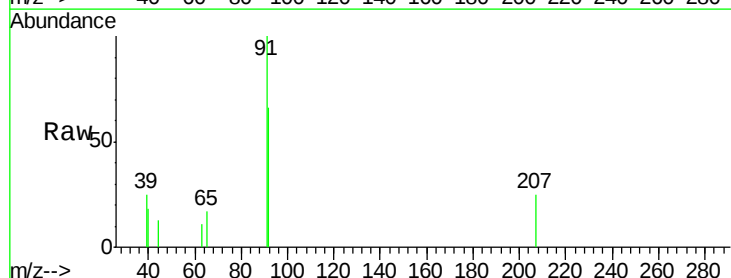
Acq: 29 Jan 2018 18:21

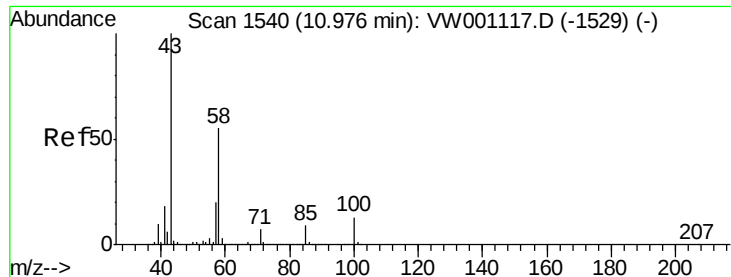
Tgt Ion: 92 Resp: 649

Ion Ratio Lower Upper

92 100

91 148.5 140.6 211.0





#59

2-Hexanone

Concen: 1.33 ug/l

RT: 11.01 min Scan# 1545

Delta R.T. 0.03 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

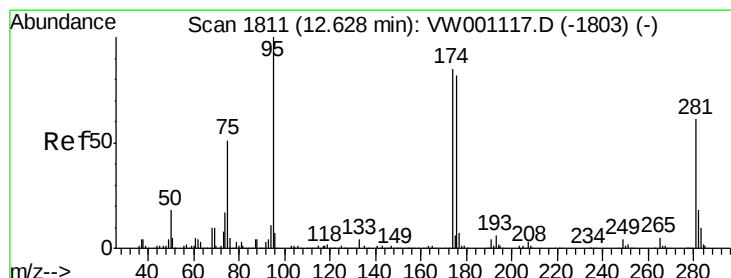
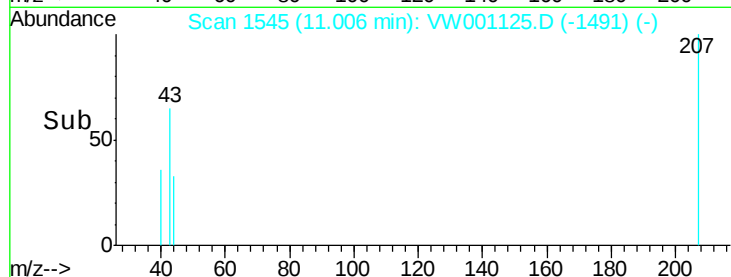
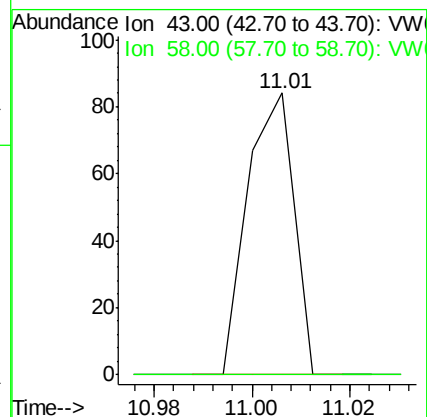
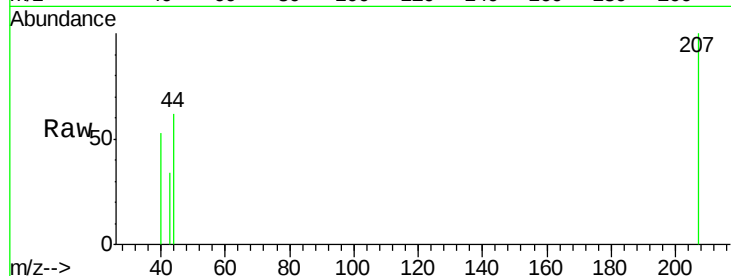
SU-03-012618

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.0#



#62

4-Bromofluorobenzene

Concen: 41.86 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

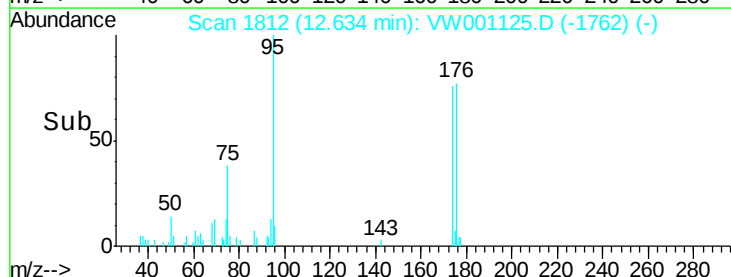
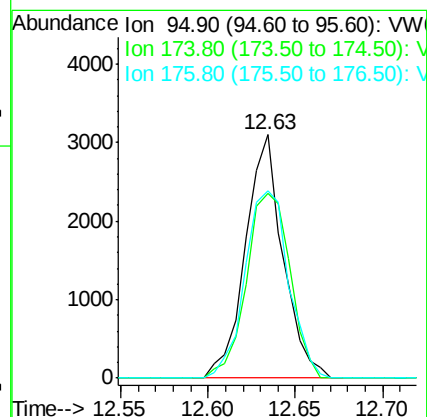
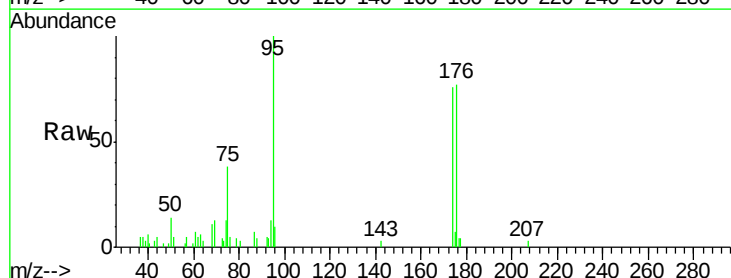
Tgt Ion: 95 Resp: 4633

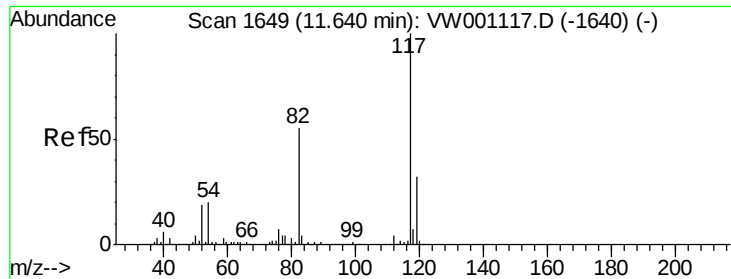
Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.6

176 89.8 0.0 174.4

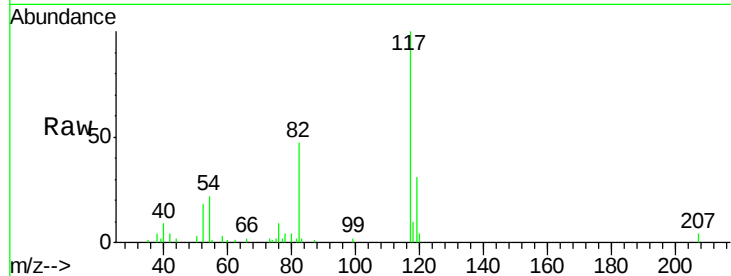




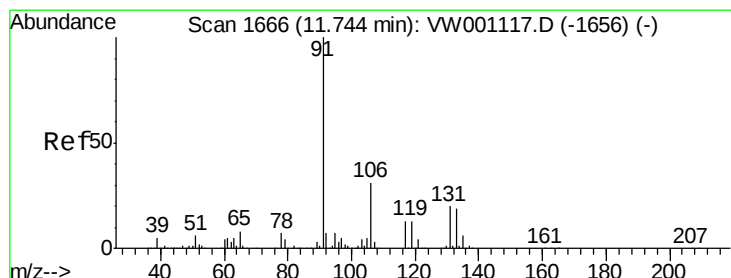
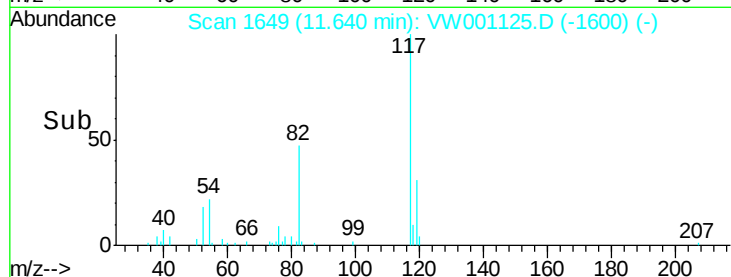
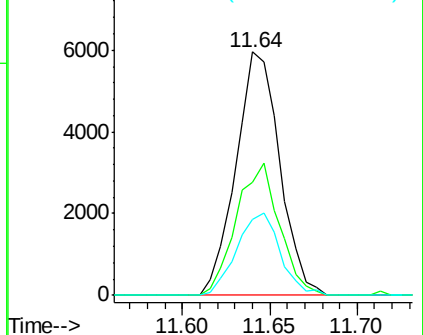
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
SU-03-012618

Tgt Ion: 117 Resp: 10373
Ion Ratio Lower Upper
117 100
82 46.6 43.8 65.8
119 31.3 25.8 38.8

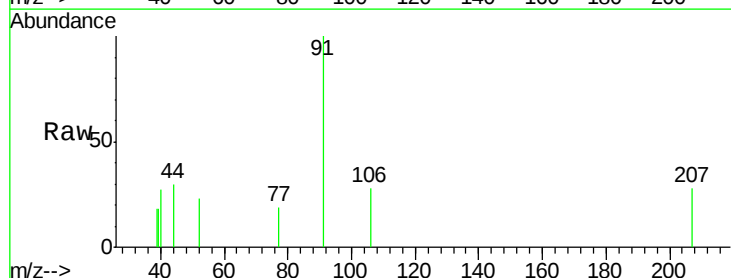


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

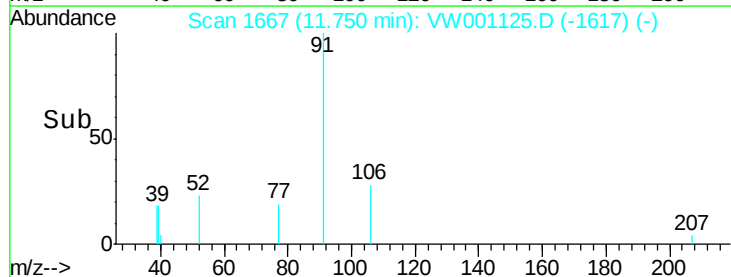
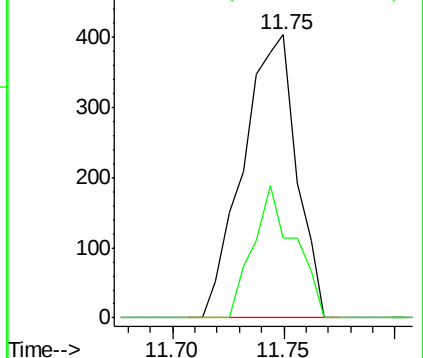


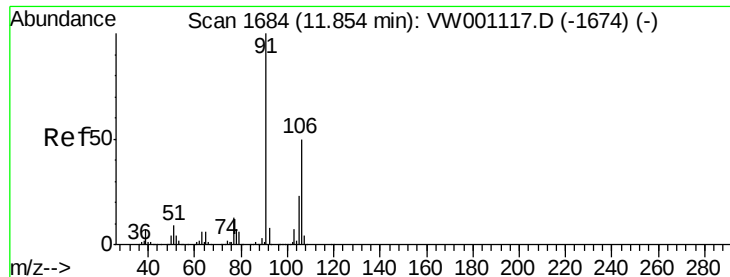
#67
Ethyl Benzene
Concen: 1.93 ug/l
RT: 11.75 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

Tgt Ion: 91 Resp: 673
Ion Ratio Lower Upper
91 100
106 28.0 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 5.75 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

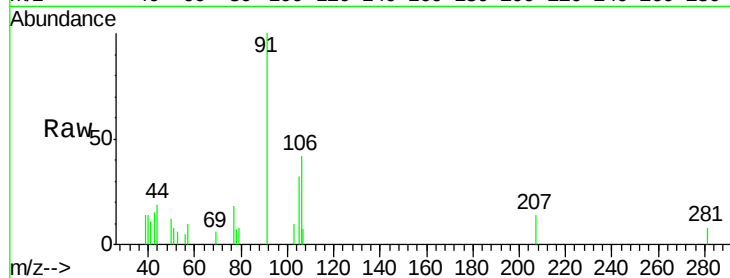
SU-03-012618

Tgt Ion:106 Resp: 783

Ion Ratio Lower Upper

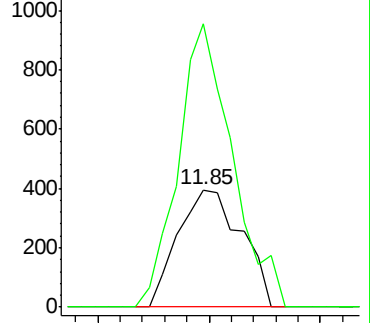
106 100

91 206.4 163.1 244.7

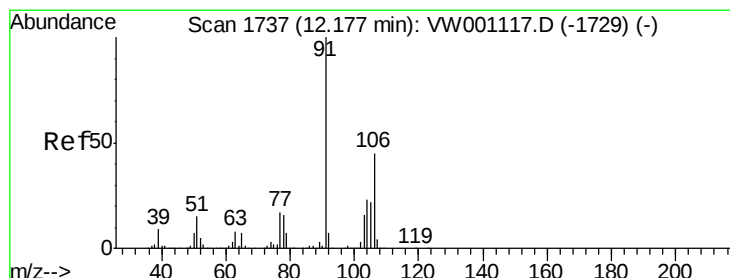
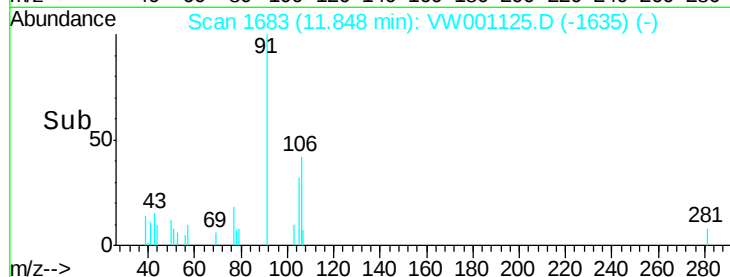


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->



#69

o-Xylene

Concen: 5.29 ug/l

RT: 12.18 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VW001125.D

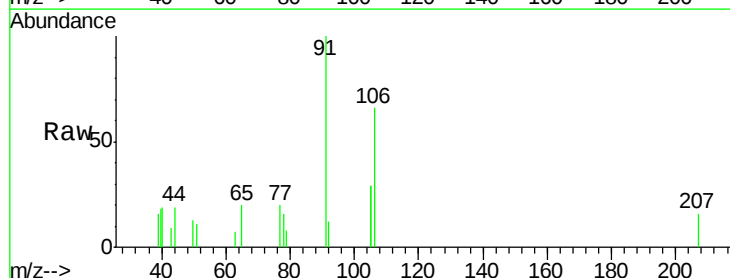
Acq: 29 Jan 2018 18:21

Tgt Ion:106 Resp: 664

Ion Ratio Lower Upper

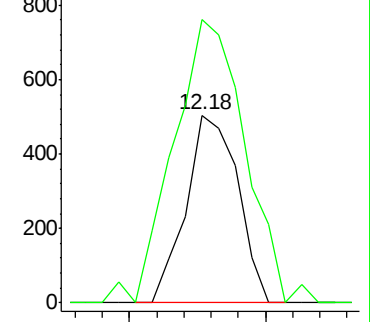
106 100

91 209.6 107.6 322.8

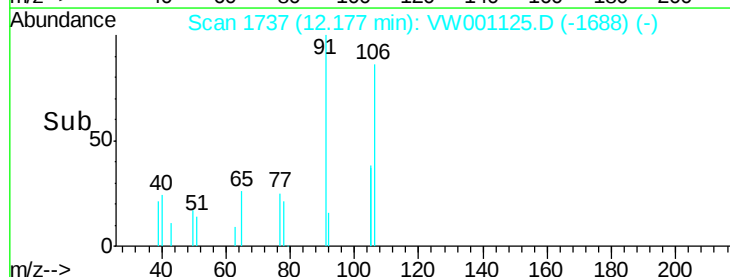


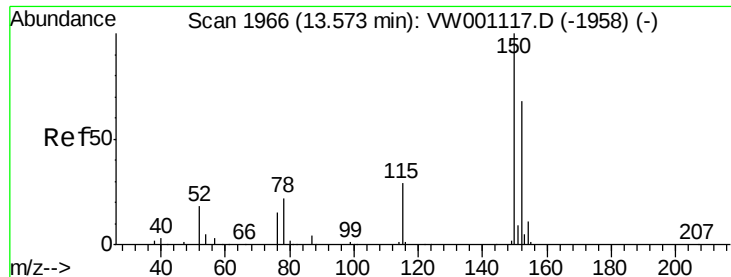
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

SU-03-012618

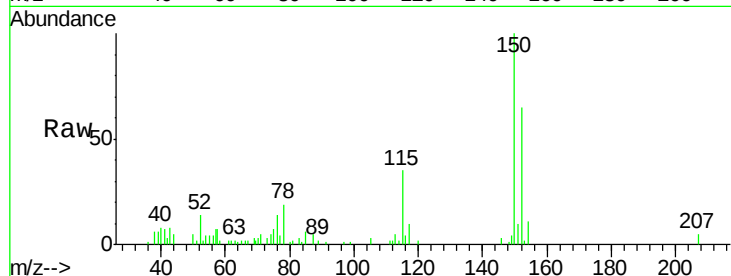
Tgt Ion:152 Resp: 4649

Ion Ratio Lower Upper

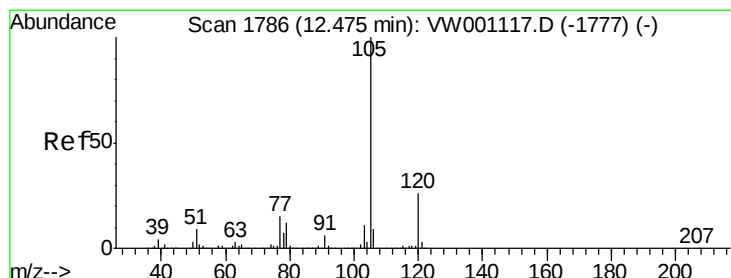
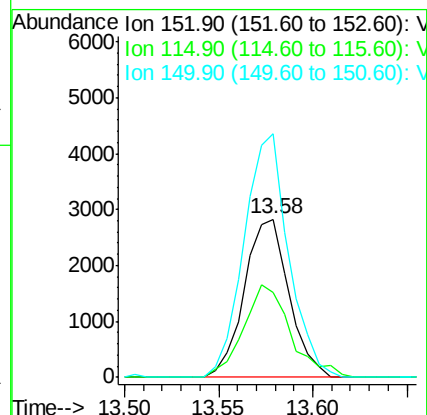
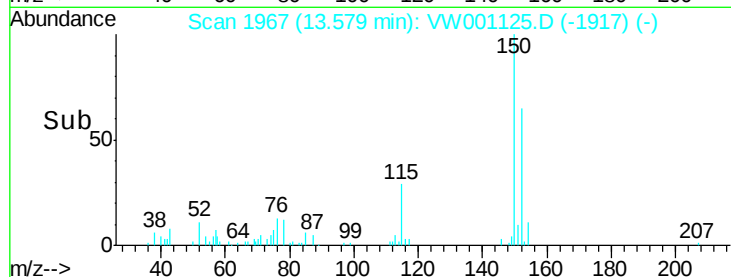
152 100

115 61.7 28.4 85.3

150 153.3 0.0 342.4



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



#73

Isopropylbenzene

Concen: 1.81 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW001125.D

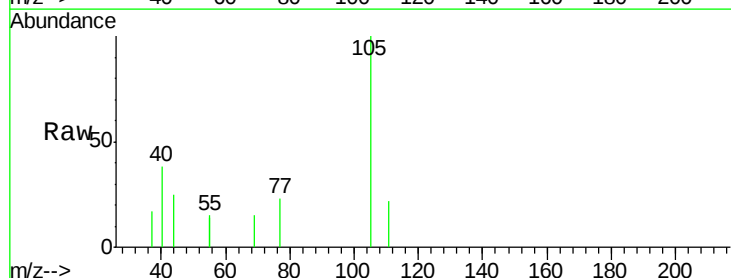
Acq: 29 Jan 2018 18:21

Tgt Ion:105 Resp: 528

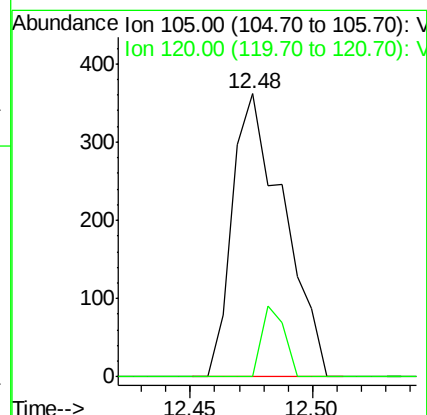
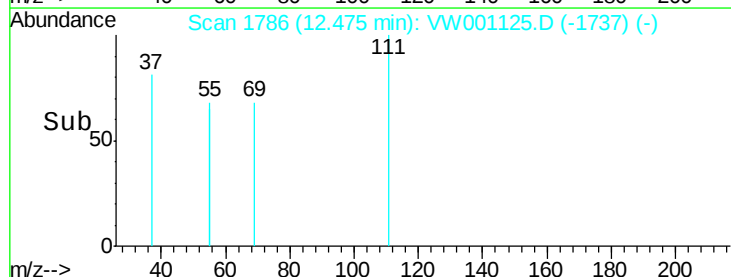
Ion Ratio Lower Upper

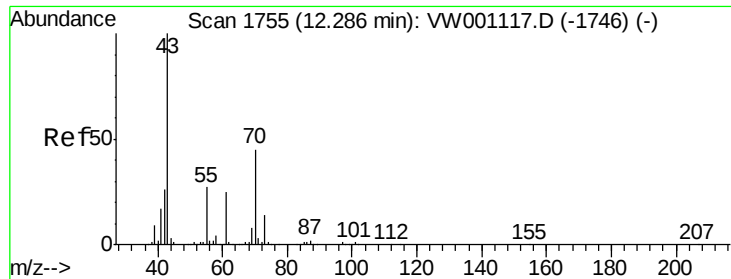
105 100

120 11.2 13.3 39.9#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

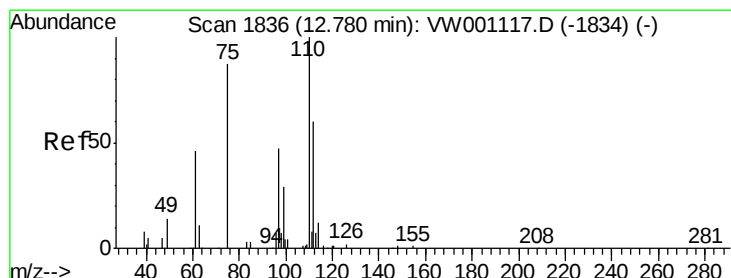
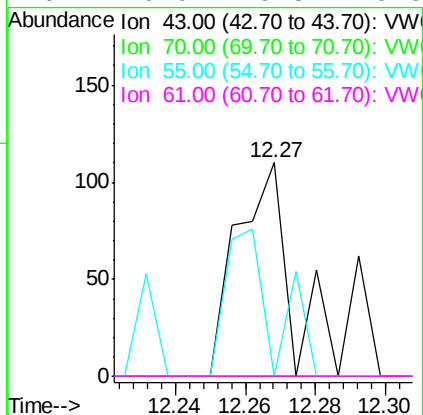
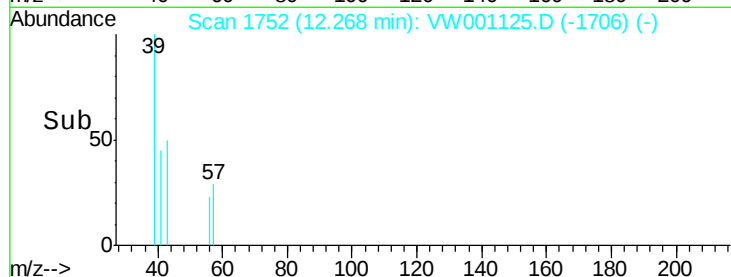
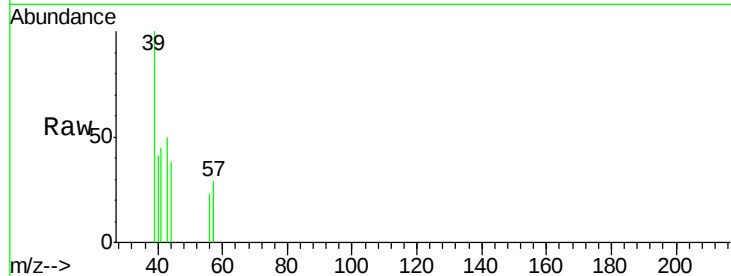




#74
N-ethyl acetate
Concen: 1.77 ug/l
RT: 12.27 min Scan# 1752
Delta R.T. -0.02 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

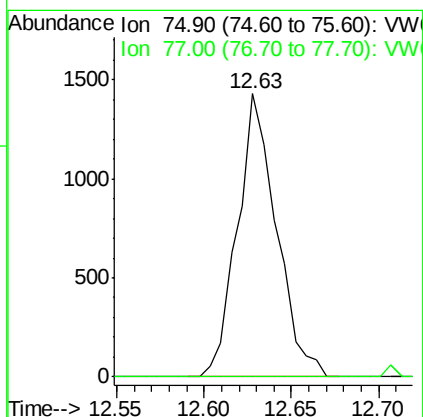
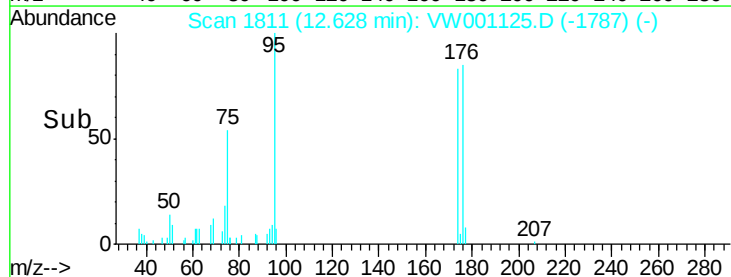
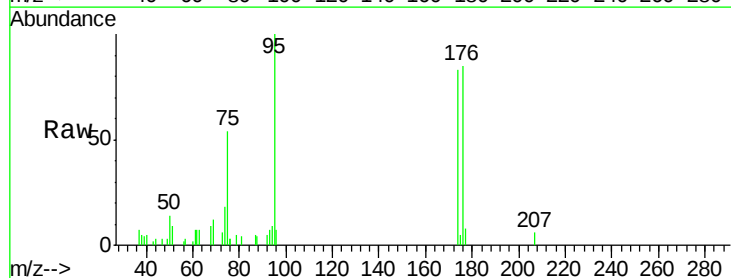
Instrument :
MSVOA_W
ClientSampled :
SU-03-012618

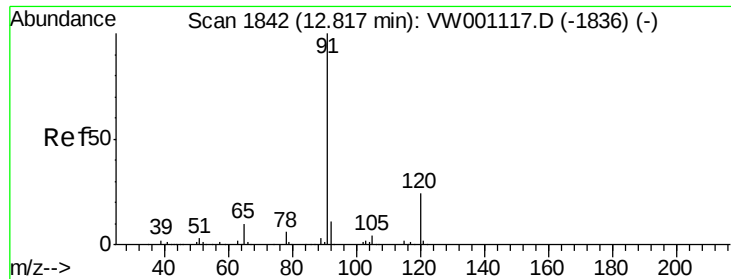
Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
70 0.0 36.0 54.0#
55 62.7 21.7 32.5#
61 0.0 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 46.90 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

Tgt Ion: 75 Resp: 2210
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 4.64 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

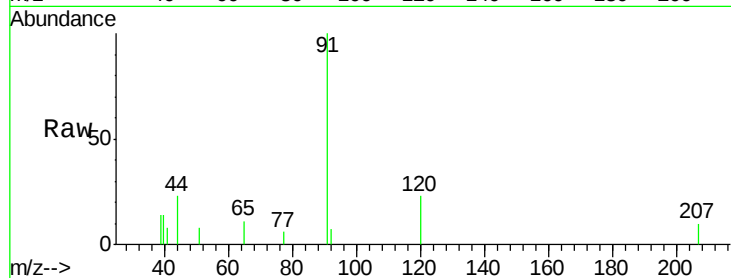
SU-03-012618

Tgt Ion: 91 Resp: 1618

Ion Ratio Lower Upper

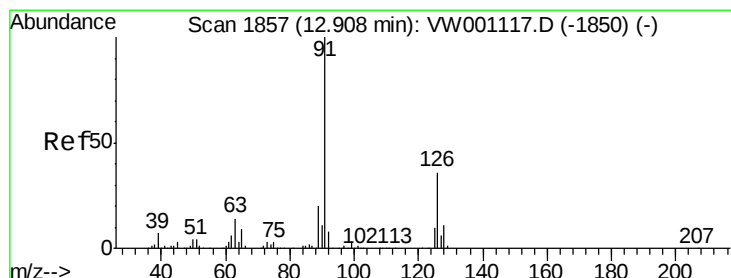
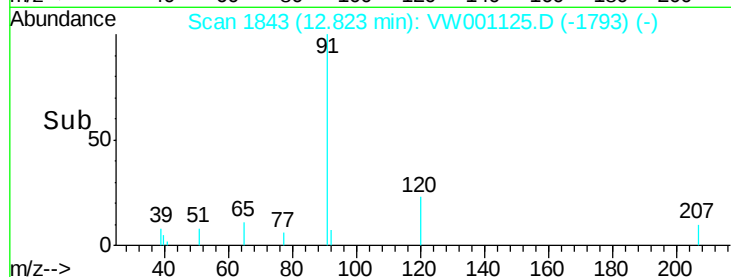
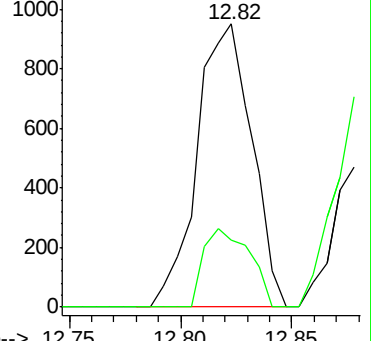
91 100

120 23.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.09 ug/l

RT: 12.91 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VW001125.D

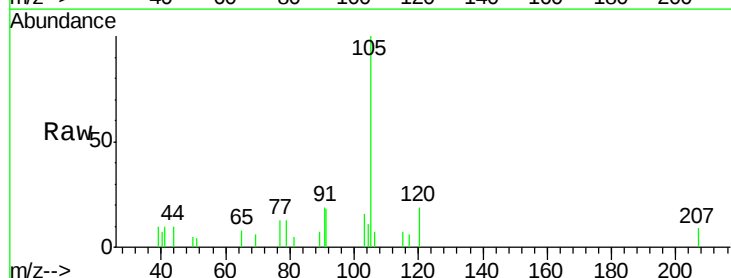
Acq: 29 Jan 2018 18:21

Tgt Ion: 91 Resp: 616

Ion Ratio Lower Upper

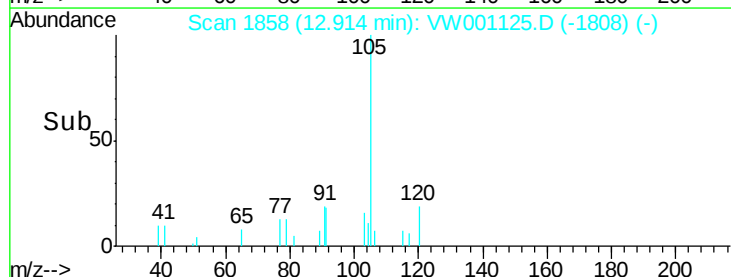
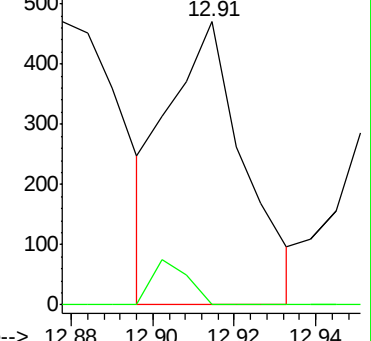
91 100

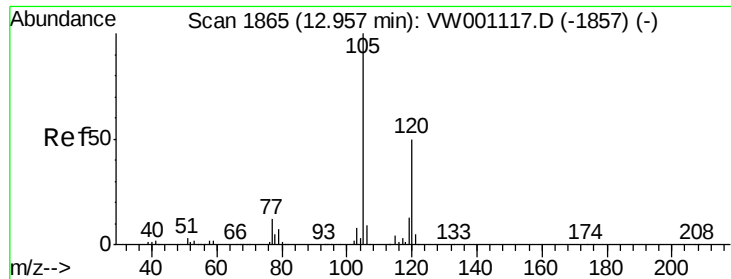
126 7.5 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 12.70 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

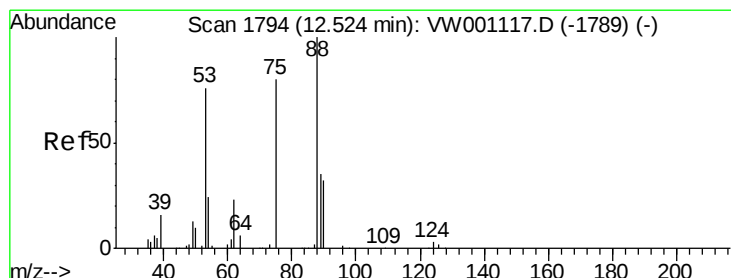
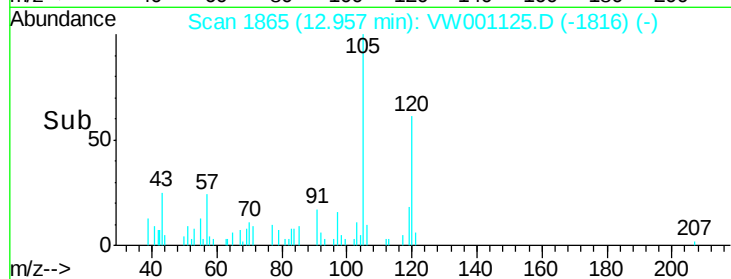
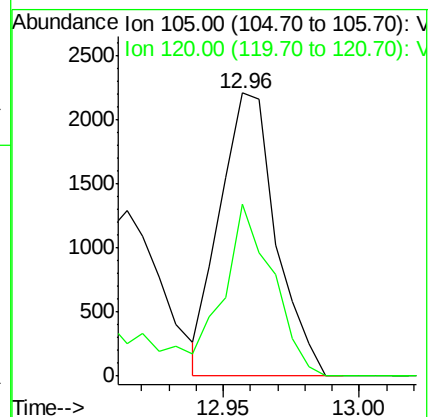
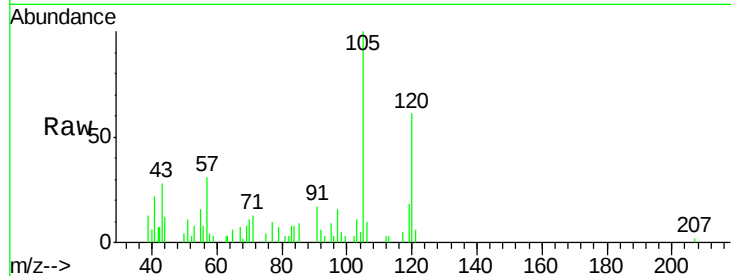
SU-03-012618

Tgt Ion: 105 Resp: 3163

Ion Ratio Lower Upper

105 100

120 52.7 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 123.33 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

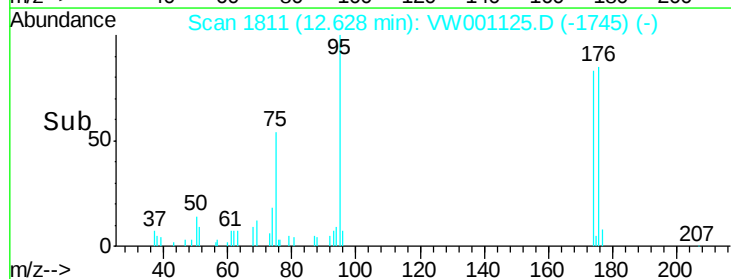
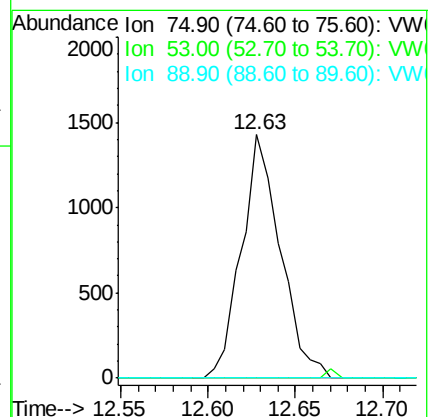
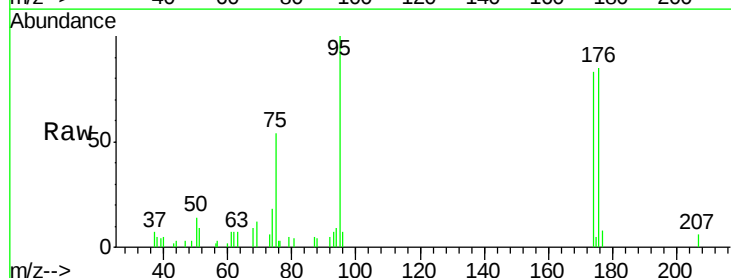
Tgt Ion: 75 Resp: 2210

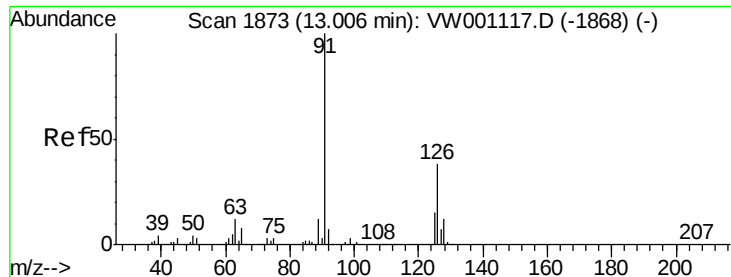
Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

89 0.0 38.2 57.4#





#82

4-Chlorotoluene

Concen: 1.88 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

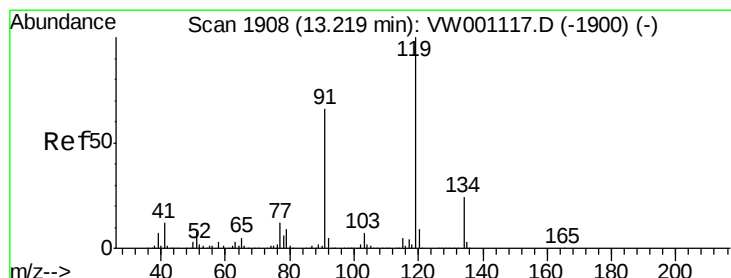
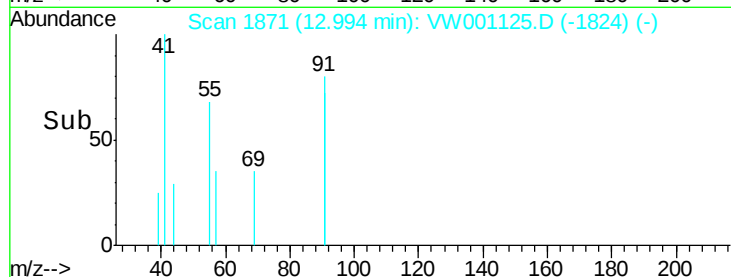
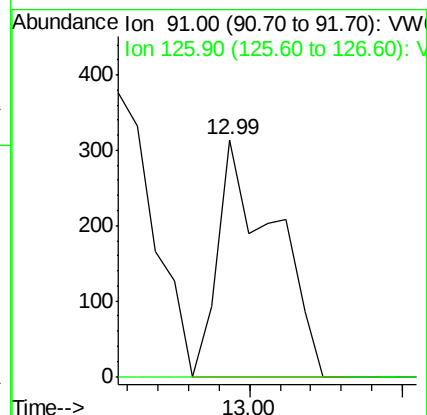
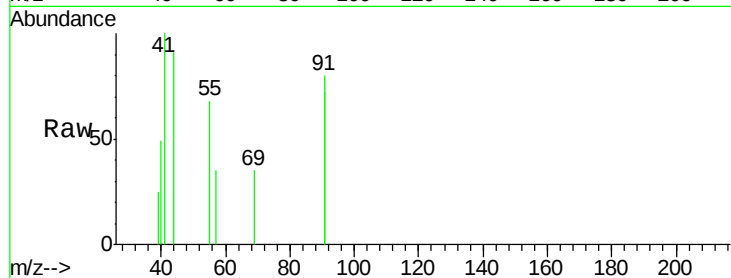
SU-03-012618

Tgt Ion: 91 Resp: 400

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



#83

tert-Butylbenzene

Concen: 5.15 ug/l

RT: 13.46 min Scan# 1948

Delta R.T. 0.24 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

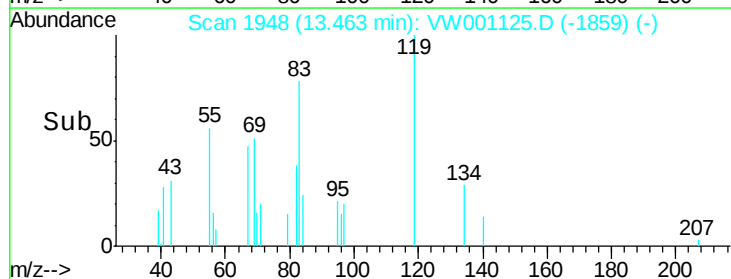
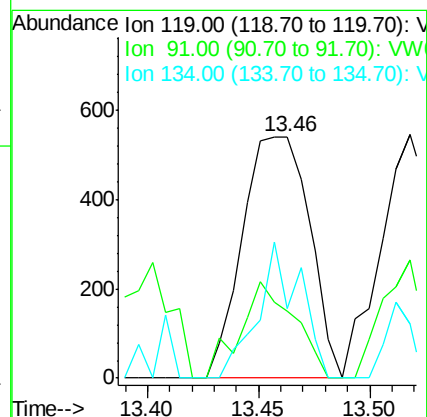
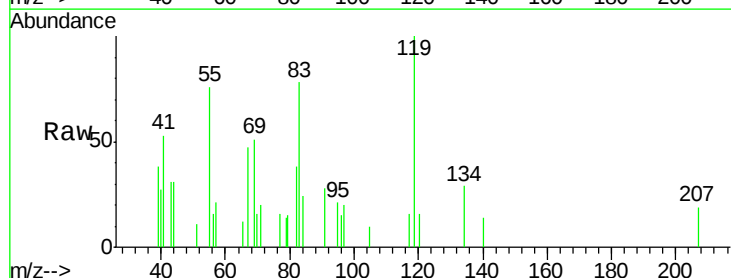
Tgt Ion: 119 Resp: 1133

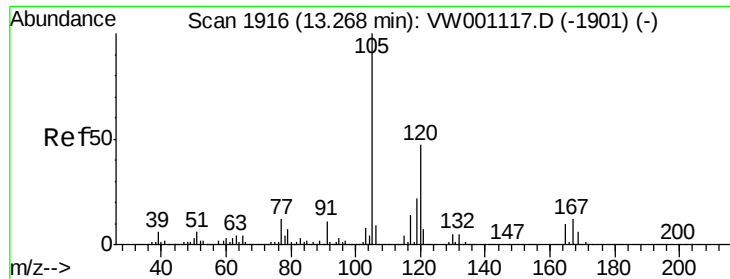
Ion Ratio Lower Upper

119 100

91 32.2 31.9 95.5

134 35.2 12.7 38.0

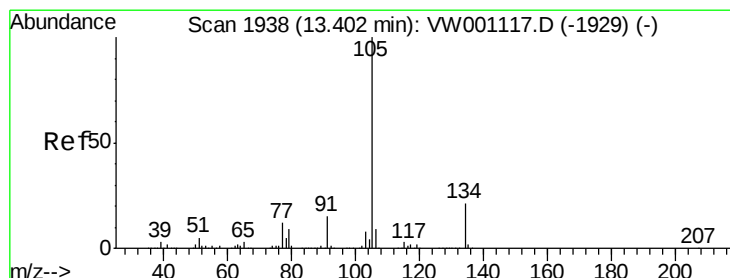
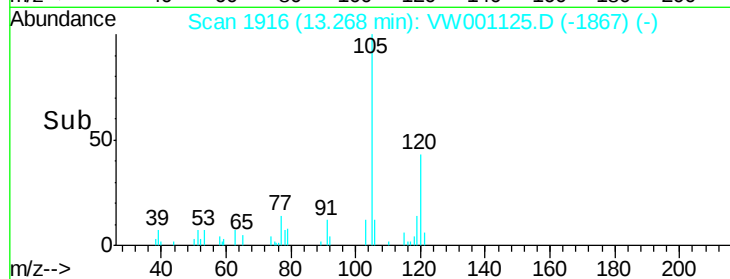
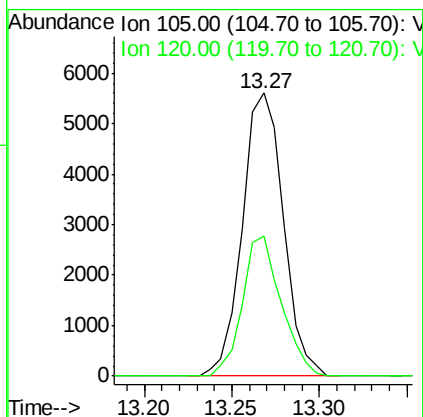
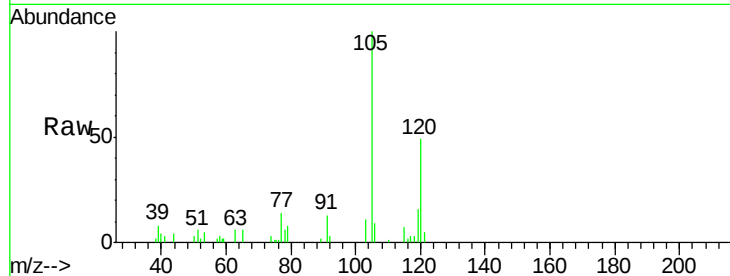




#84
 1,2,4-Trimethylbenzene
 Concen: 36.02 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW001125.D
 Acq: 29 Jan 2018 18:21

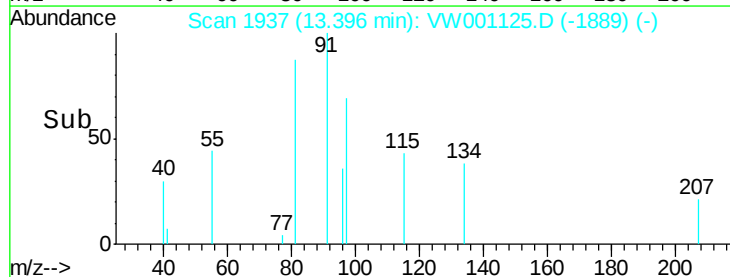
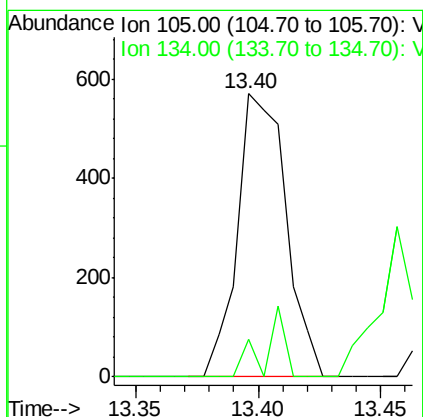
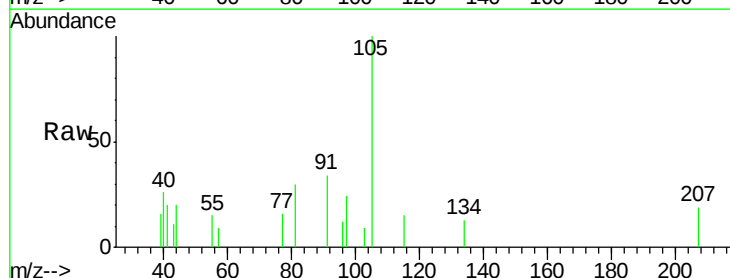
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-012618

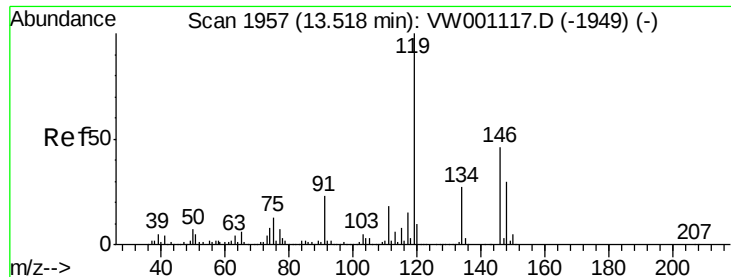
Tgt Ion:105 Resp: 9129
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 2.54 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VW001125.D
 Acq: 29 Jan 2018 18:21

Tgt Ion:105 Resp: 792
 Ion Ratio Lower Upper
 105 100
 134 10.1 10.3 30.8#

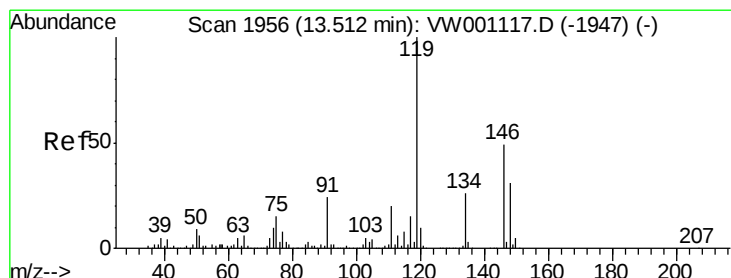
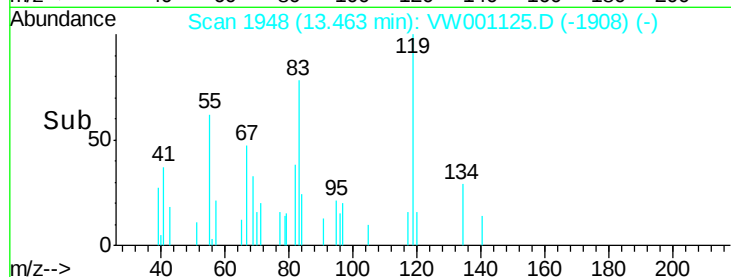
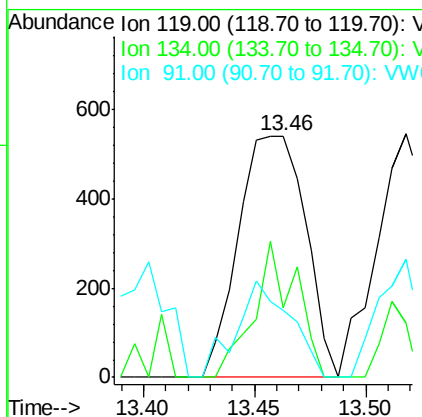
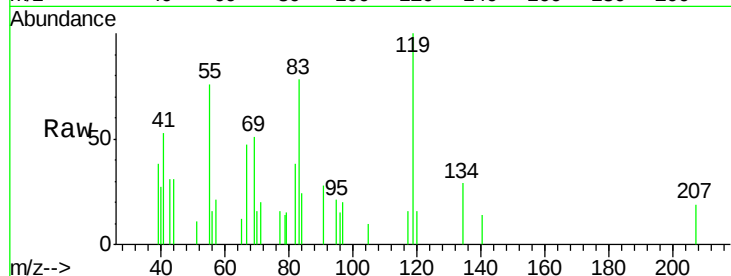




#86
p-Isopropyltoluene
Concen: 4.09 ug/l
RT: 13.46 min Scan# 1948
Delta R.T. -0.05 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

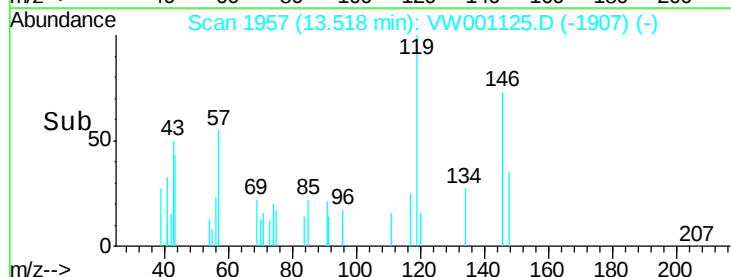
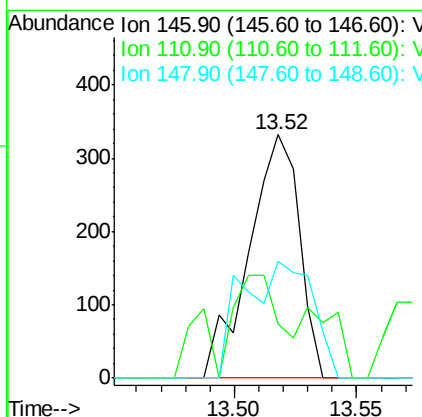
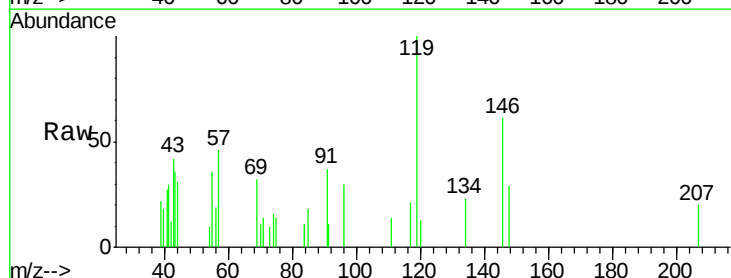
Instrument :
MSVOA_W
ClientSampleId :
SU-03-012618

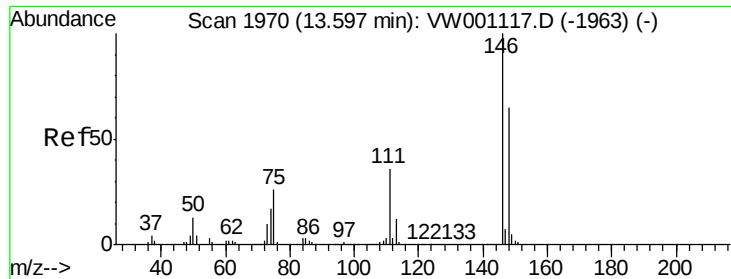
Tgt Ion:119 Resp: 1133
Ion Ratio Lower Upper
119 100
134 35.2 13.4 40.1
91 32.2 11.8 35.4



#87
1,3-Dichlorobenzene
Concen: 3.20 ug/l
RT: 13.52 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW001125.D
Acq: 29 Jan 2018 18:21

Tgt Ion:146 Resp: 477
Ion Ratio Lower Upper
146 100
111 20.1 19.7 59.1
148 66.5 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 3.18 ug/l

RT: 13.52 min Scan# 1957

Delta R.T. -0.08 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

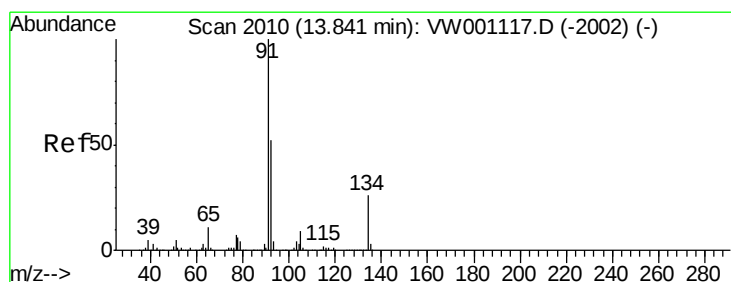
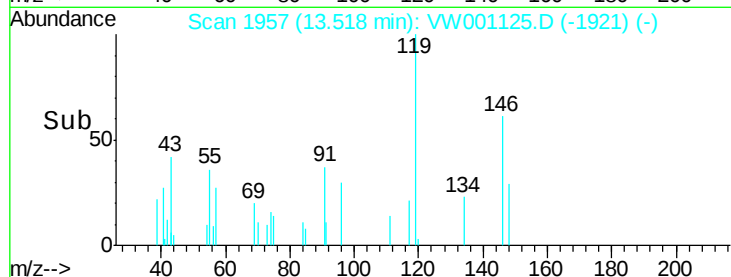
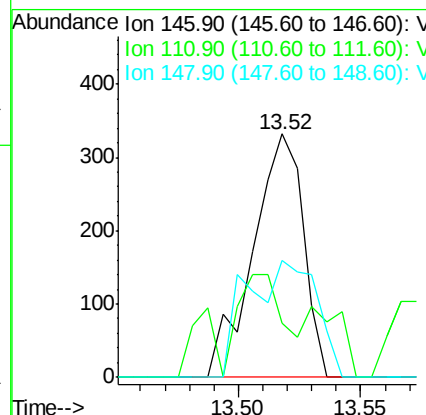
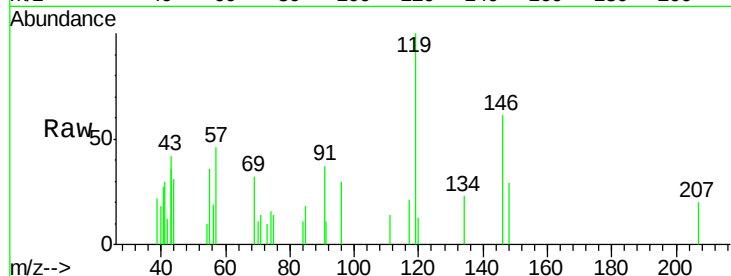
Instrument :

MSVOA_W

ClientSampled :

SU-03-012618

Tgt Ion:	146	Resp:	477
Ion	Ratio	Lower	Upper
146	100		
111	20.1	19.1	57.1
148	66.5	32.5	97.5



#89

n-Butylbenzene

Concen: 4.99 ug/l

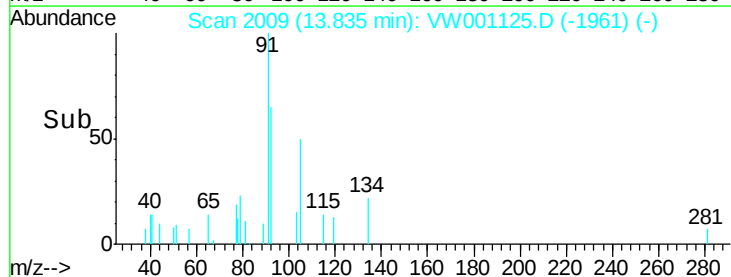
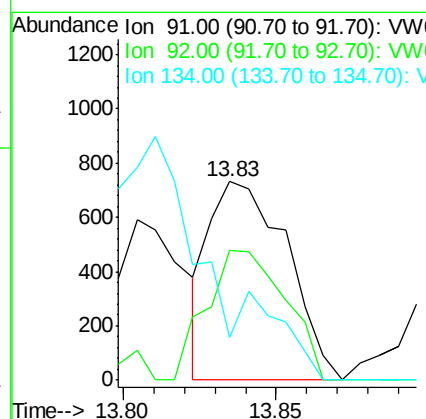
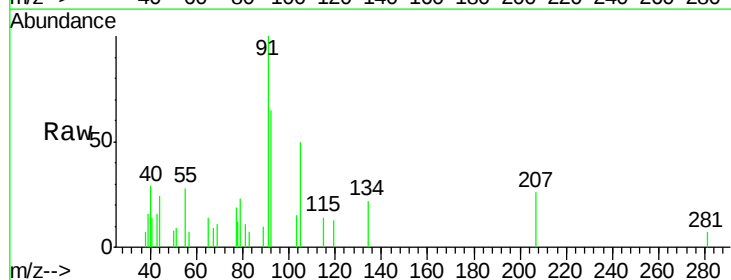
RT: 13.83 min Scan# 2009

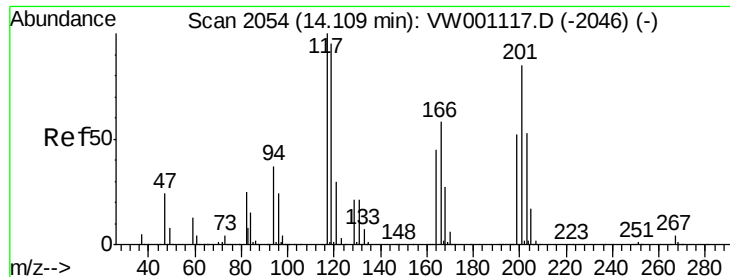
Delta R.T. -0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Tgt Ion:	91	Resp:	1286
Ion	Ratio	Lower	Upper
91	100		
92	66.7	26.1	78.2
134	0.0	13.6	40.8#





#90

Hexachloroethane

Concen: 10.41 ug/l

RT: 14.12 min Scan# 2055

Delta R.T. 0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

Instrument :

MSVOA_W

ClientSampled :

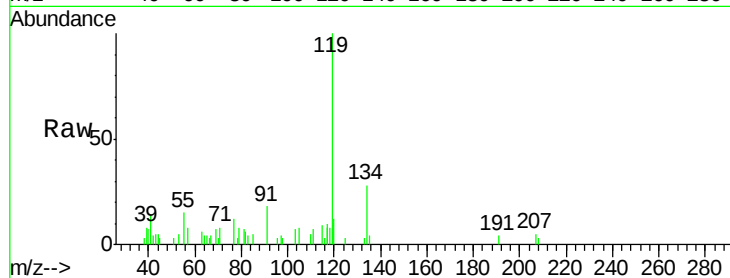
SU-03-012618

Tgt Ion:117 Resp: 537

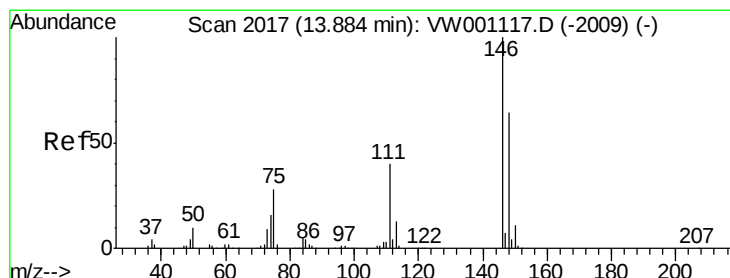
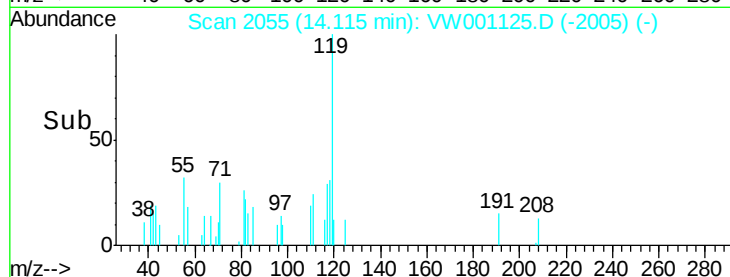
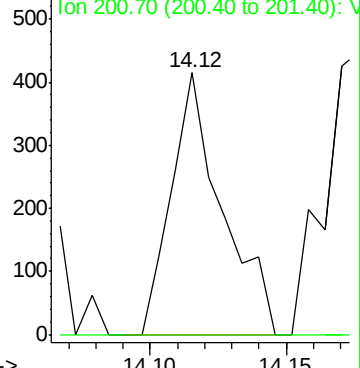
Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V



#91

1,2-Dichlorobenzene

Concen: 2.96 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.01 min

Lab File: VW001125.D

Acq: 29 Jan 2018 18:21

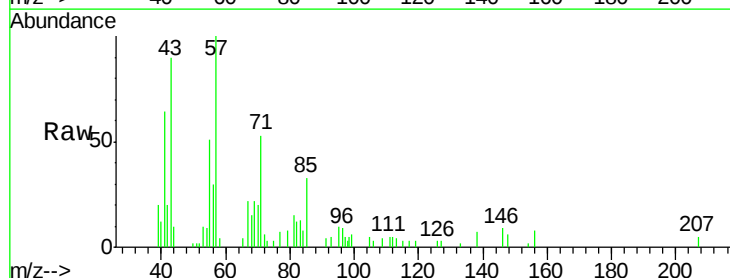
Tgt Ion:146 Resp: 405

Ion Ratio Lower Upper

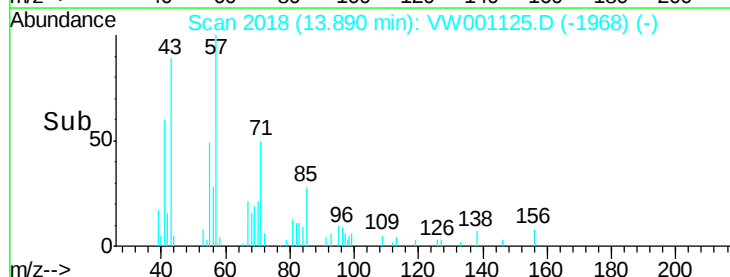
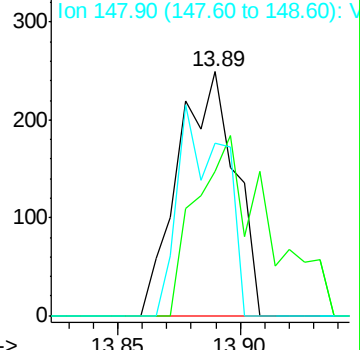
146 100

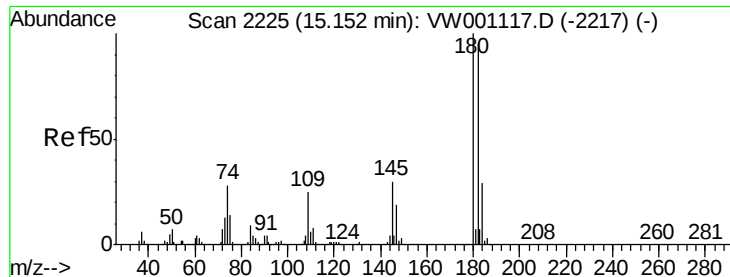
111 92.3 20.4 61.2#

148 68.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

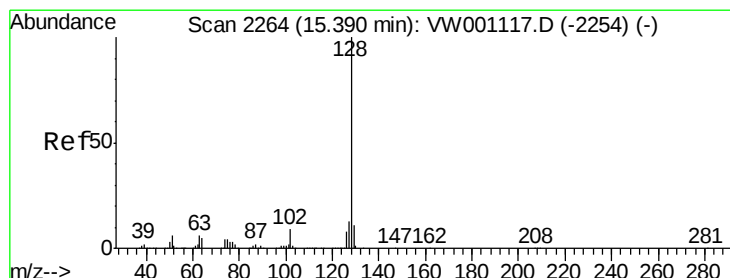
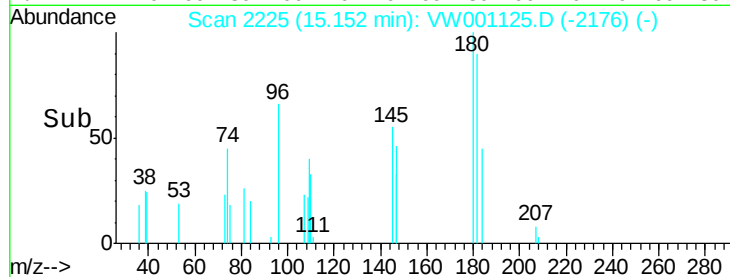
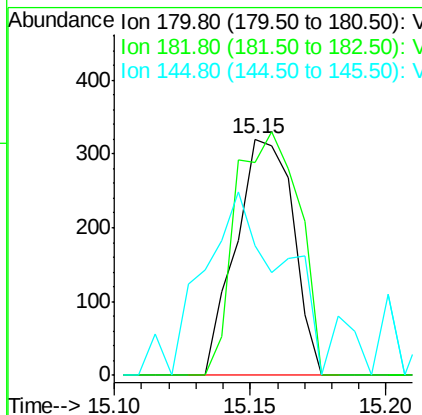
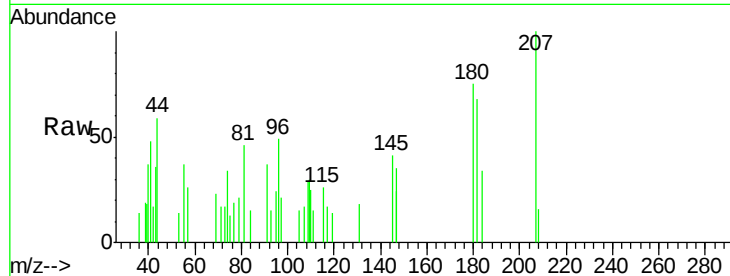




#93
 1,2,4-Trichlorobenzene
 Concen: 4.65 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW001125.D
 Acq: 29 Jan 2018 18:21

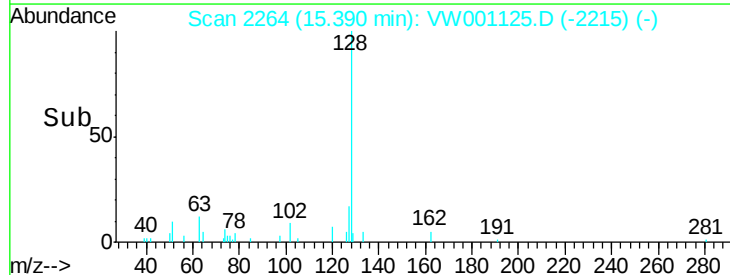
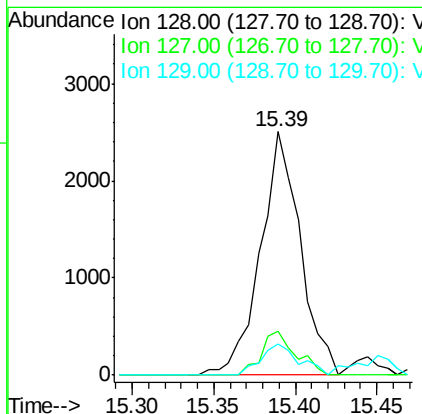
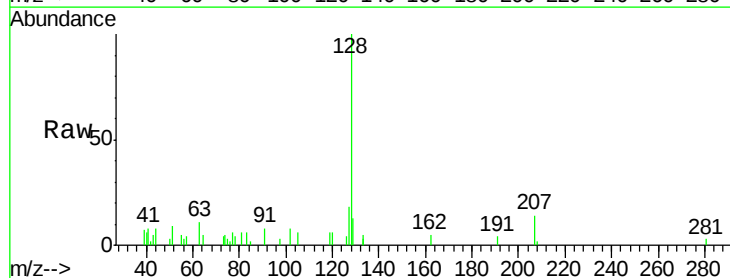
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-012618

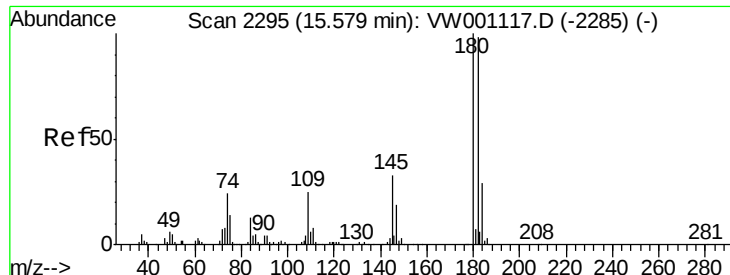
Tgt Ion:180 Resp: 467
 Ion Ratio Lower Upper
 180 100
 182 113.7 47.6 142.9
 145 119.7 15.0 45.1#



#95
 Naphthalene
 Concen: 21.42 ug/l
 RT: 15.39 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: VW001125.D
 Acq: 29 Jan 2018 18:21

Tgt Ion:128 Resp: 4249
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.7 16.1
 129 12.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 6.32 ug/l
 RT: 15.58 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: VW001125.D
 Acq: 29 Jan 2018 18:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-012618

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.7	146.1
145	68.4	16.0	47.9

