

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003955.D
 Acq On : 16 Jul 2018 17:05
 Operator : VA/AP
 Sample : J3948-05RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 16 17:22:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	35932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	61907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	58392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25013	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	30247	75.31	ug/l	0.00
Spiked Amount			Recovery	=	150.62%	
35) Dibromofluoromethane	7.88	113	24655	62.07	ug/l	0.00
Spiked Amount			Recovery	=	124.14%	
50) Toluene-d8	10.33	98	67886	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	12.62	95	26564	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.77	56	58	2.04	ug/l #	1
16) Acetone	4.12	43	6127	63.48	ug/l #	87
18) Methyl Acetate	4.67	43	564	2.43	ug/l #	54
20) Methylene Chloride	4.90	84	6956	10.04	ug/l	86
25) 2-Butanone	7.18	43	186	1.43	ug/l #	51
26) 2,2-Dichloropropane	7.17	77	469	1.15	ug/l #	52
31) Cyclohexane	7.95	56	1095	1.64	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	2964	4.65	ug/l #	49
38) Carbon Tetrachloride	7.95	117	3778	6.35	ug/l #	15
40) Benzene	8.32	78	4995	2.83	ug/l	97
56) Ethyl methacrylate	10.66	69	60	3.07	ug/l #	1
67) Ethyl Benzene	11.74	91	124085	56.89	ug/l	99
68) m/p-Xylenes	11.85	106	7692	9.23	ug/l	97
69) o-Xylene	12.17	106	14034	18.15	ug/l	93
70) Styrene	12.18	104	2196	1.70	ug/l #	1
73) Isopropylbenzene	12.47	105	22851	12.93	ug/l	99
74) N-amyl acetate	12.26	43	1443	3.13	ug/l #	67
76) 1,2,3-Trichloropropane	12.91	75	1523	6.13	ug/l #	100
77) Bromobenzene	12.94	156	31964	75.58	ug/l #	1
78) n-propylbenzene	12.81	91	11742	5.42	ug/l	99
79) 2-Chlorotoluene	12.91	91	8582	7.02	ug/l #	48
80) 1,3,5-Trimethylbenzene	12.95	105	36550	24.57	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.47	75	1543	13.74	ug/l #	64
82) 4-Chlorotoluene	12.95	91	4348	3.31	ug/l #	58
83) tert-Butylbenzene	13.26	119	14245	11.41	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.26	105	103555	67.67	ug/l	99
85) sec-Butylbenzene	13.26	105	103555	55.89	ug/l #	57
86) p-Isopropyltoluene	13.51	119	8869	5.46	ug/l	94
89) n-Butylbenzene	13.77	91	103318	64.67	ug/l #	44
90) Hexachloroethane	14.10	117	7925	26.45	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	336	5.53	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.15	180	751	1.42	ug/l #	1
95) Naphthalene	15.38	128	252107	258.41	ug/l	99

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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

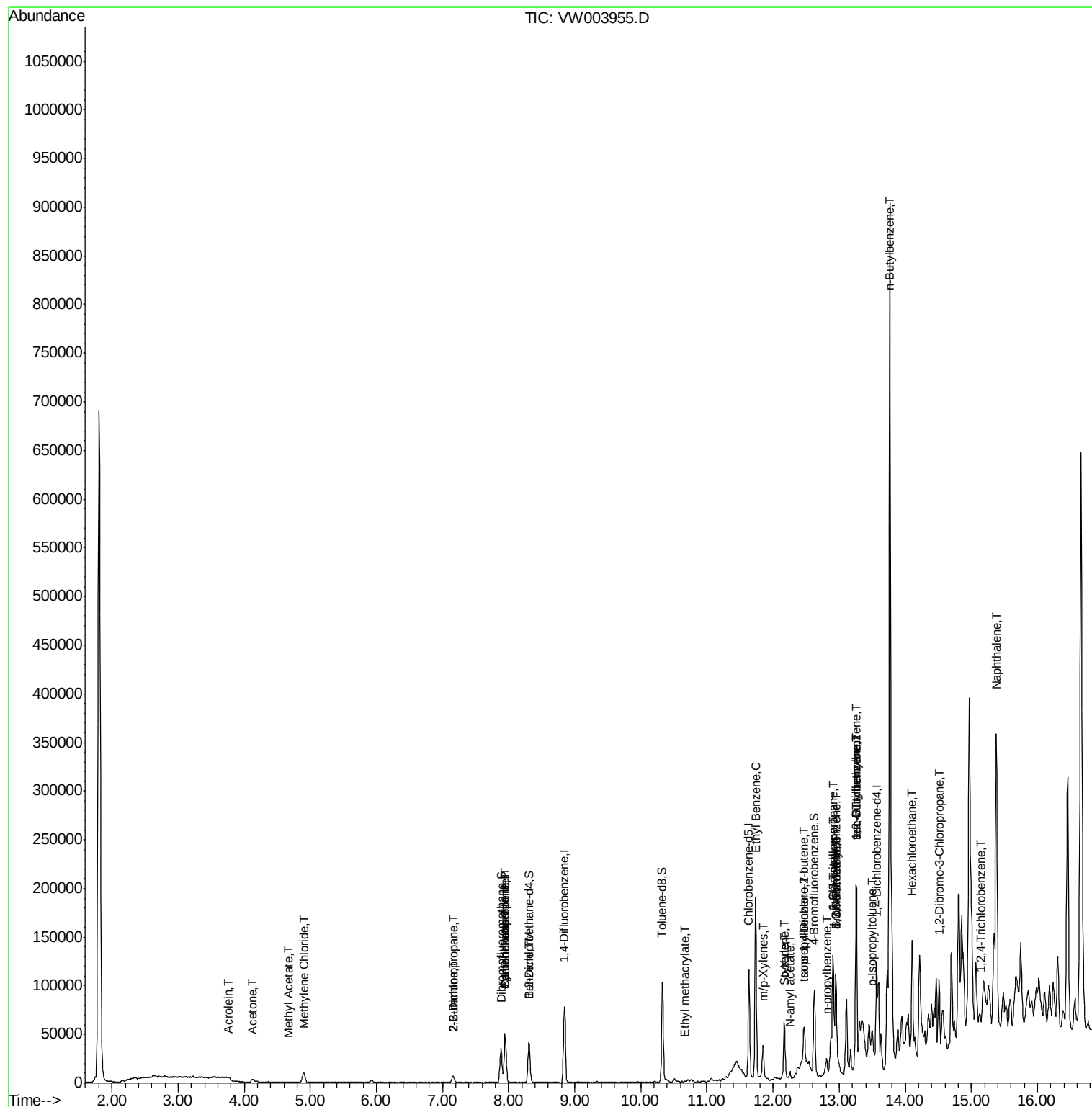
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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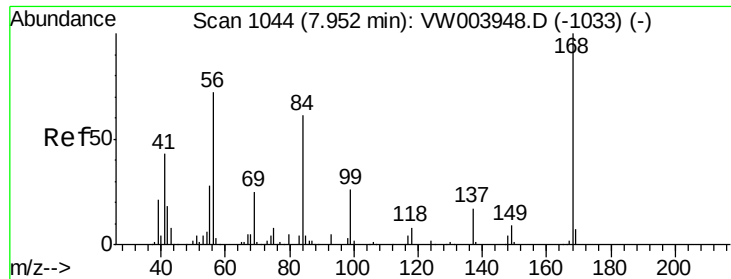
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

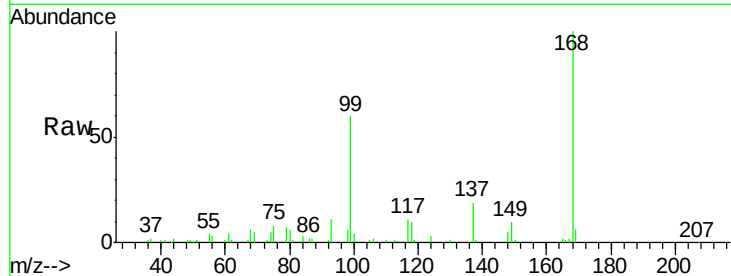
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 35932

Ion Ratio Lower Upper

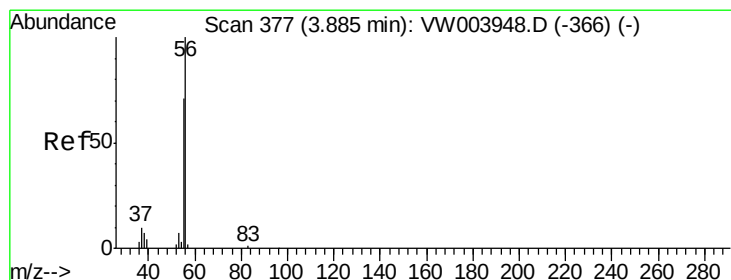
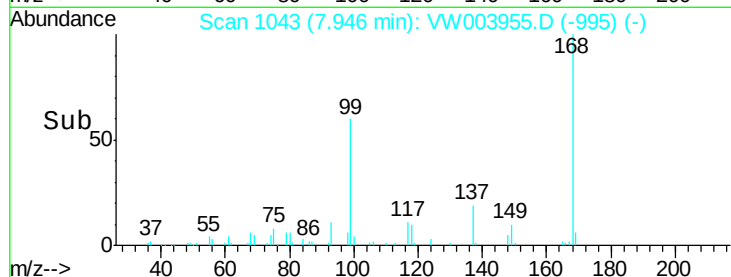
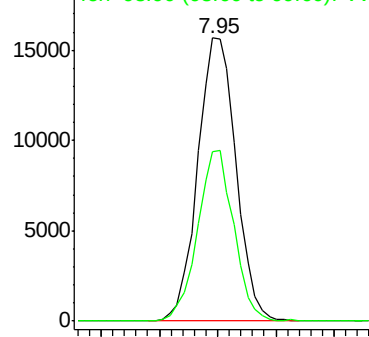
168 100

99 59.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 2.04 ug/l

RT: 3.77 min Scan# 358

Delta R.T. -0.12 min

Lab File: VW003955.D

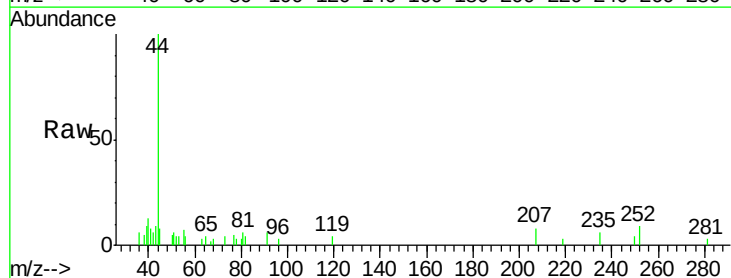
Acq: 16 Jul 2018 17:05

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

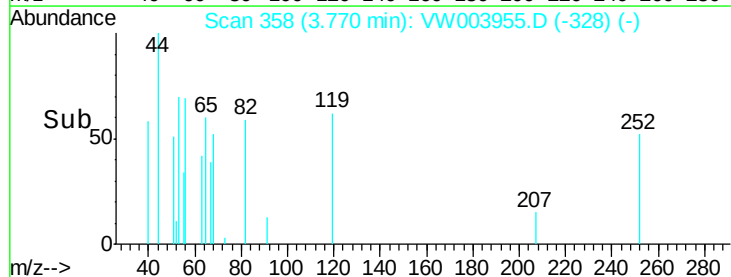
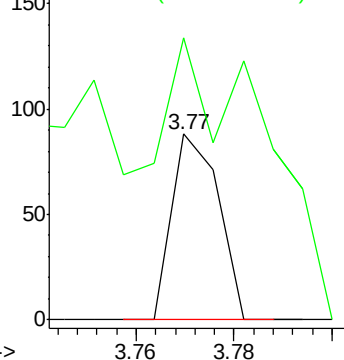
56 100

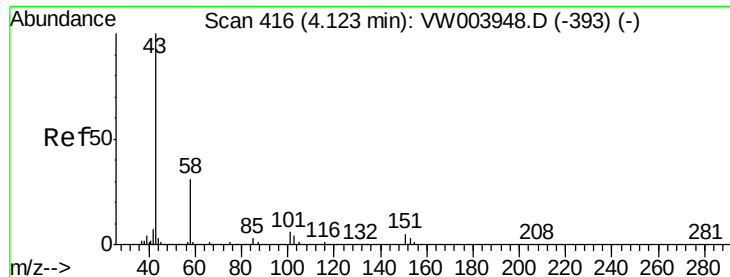
55 305.2 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 63.48 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

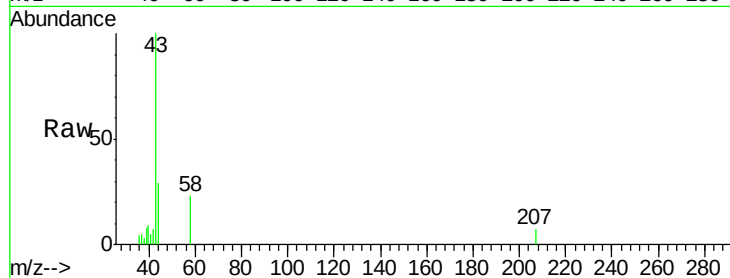
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 6127

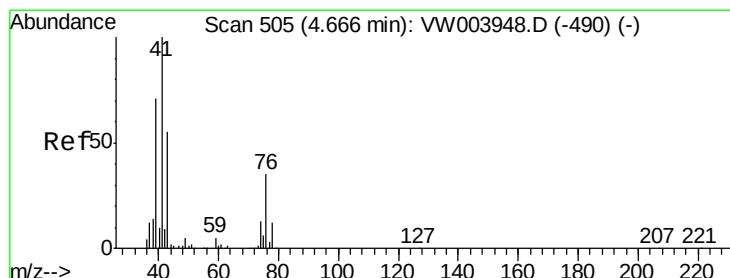
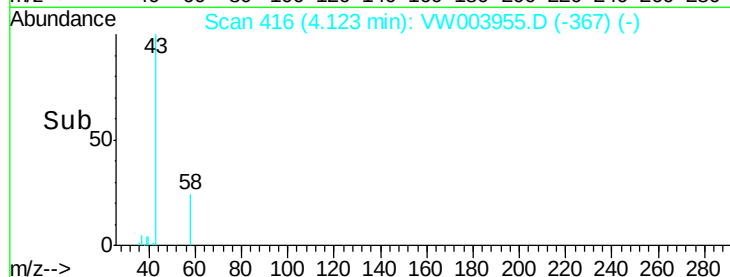
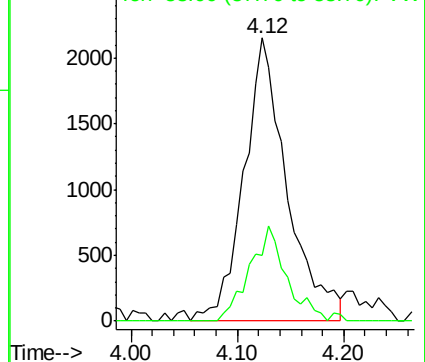
Ion Ratio Lower Upper

43 100

58 23.4 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.43 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW003955.D

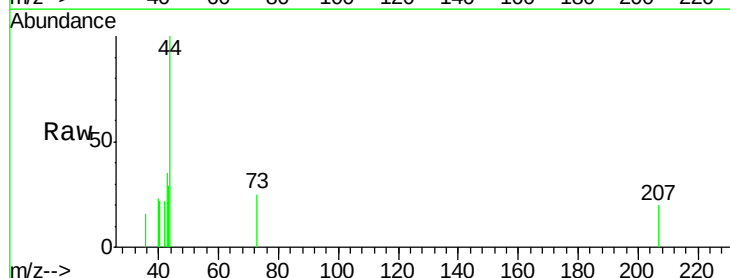
Acq: 16 Jul 2018 17:05

Tgt Ion: 43 Resp: 564

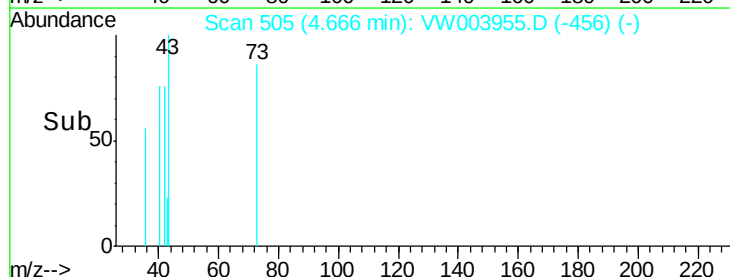
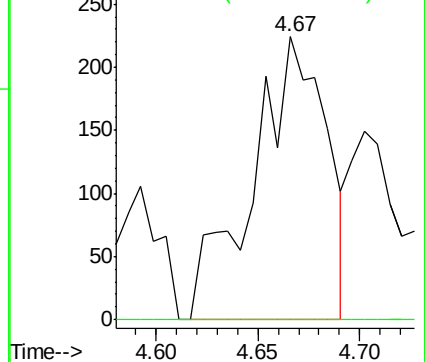
Ion Ratio Lower Upper

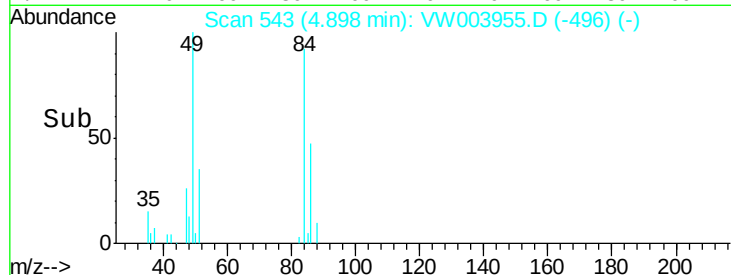
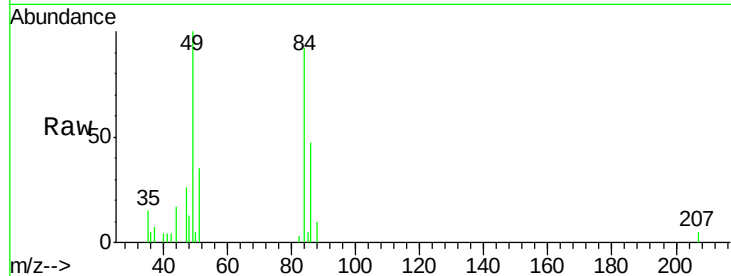
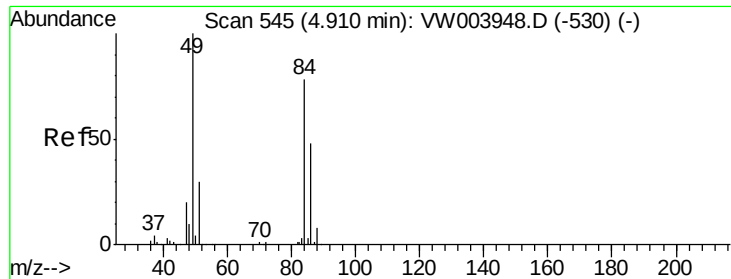
43 100

74 0.0 17.7 26.5#



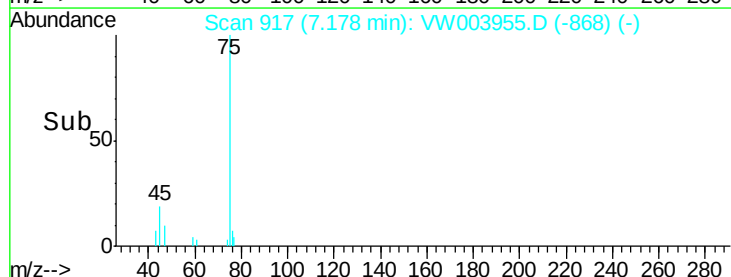
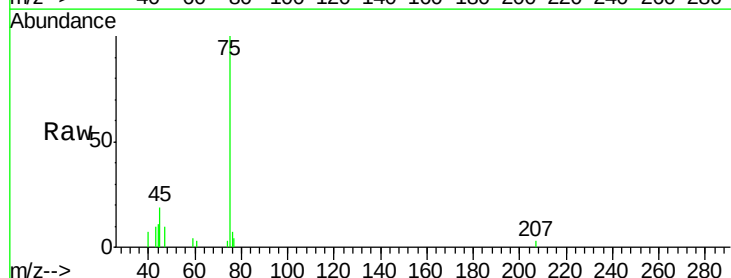
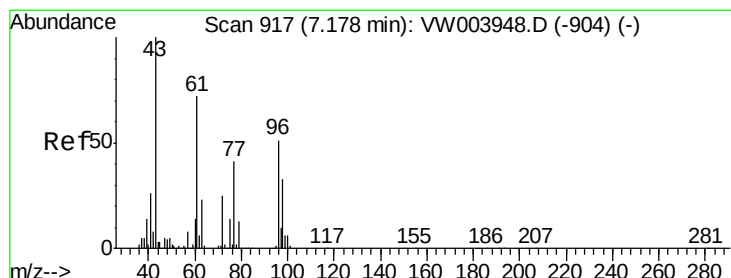
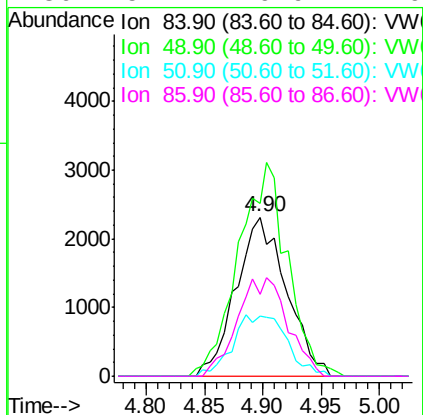
Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW





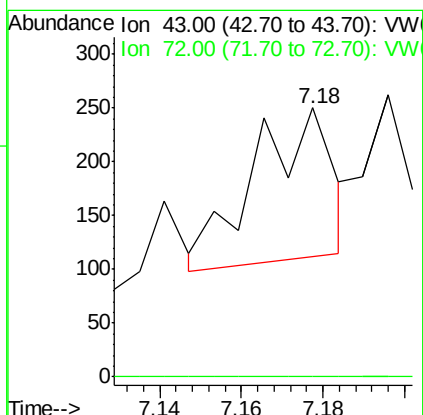
#20
Methylene Chloride
Concen: 10.04 ug/l
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

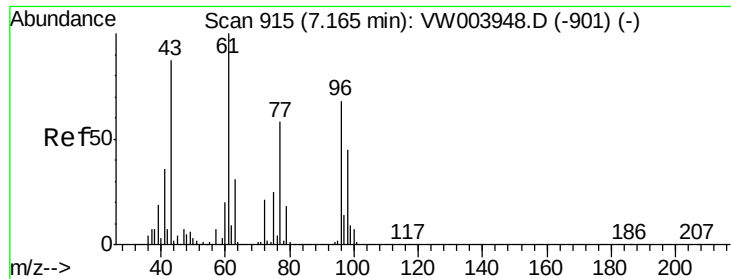
Tot Ion: 84 Resp: 6956
Ion Ratio Lower Upper
84 100
49 108.9 102.9 154.3
51 37.7 30.9 46.3
86 51.7 49.9 74.9



#25
2-Butanone
Concen: 1.43 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#

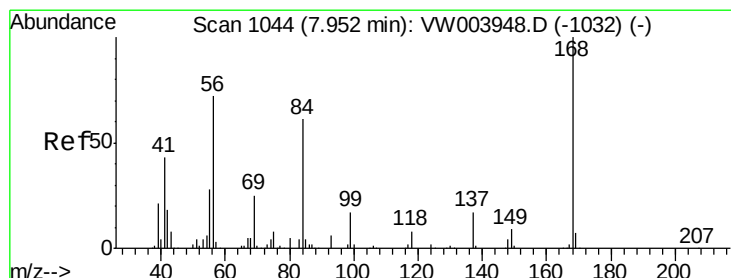
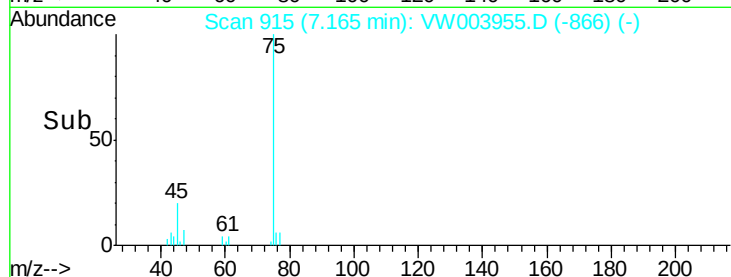
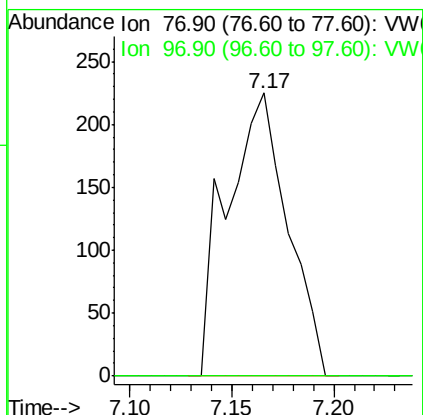
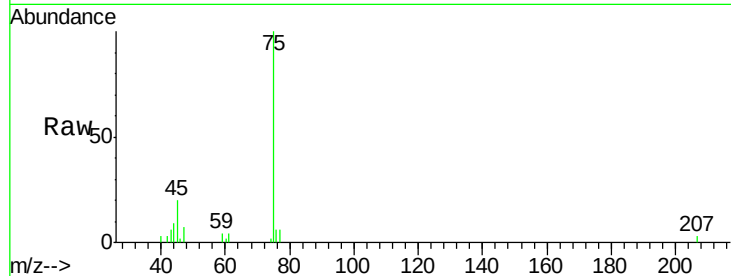




#26
 2,2-Dichloropropane
 Concen: 1.15 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

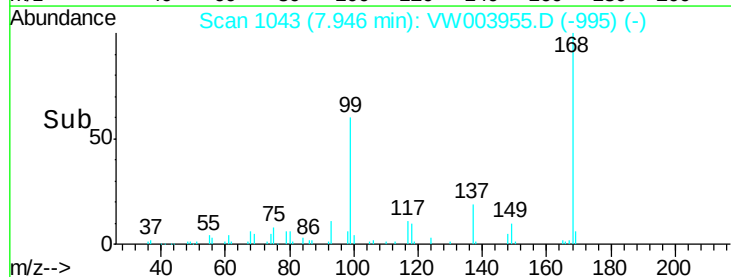
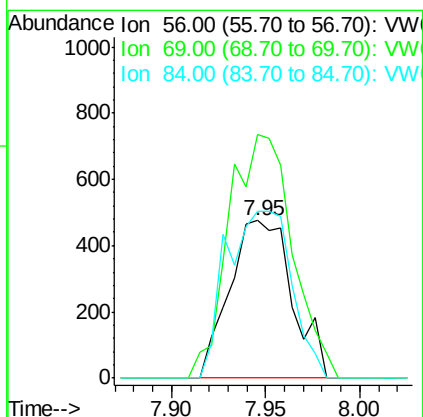
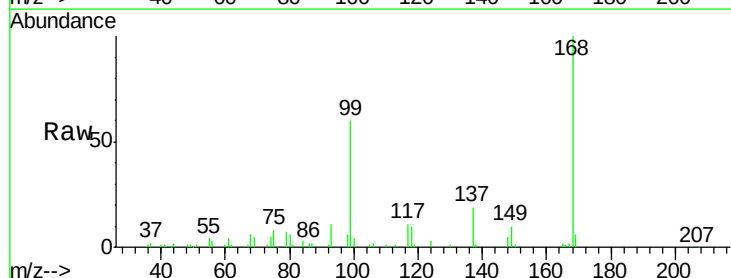
Instrument :
 MSVOA_W
 ClientSampled :

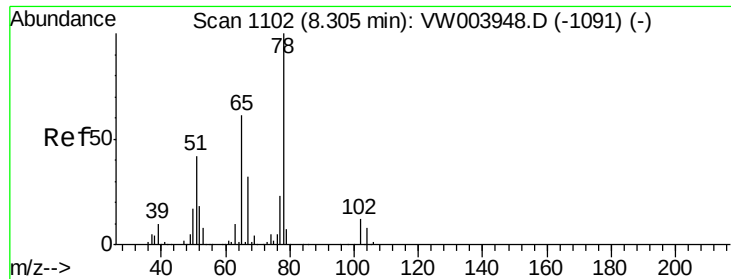
Tot Ion: 77 Resp: 469
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#



#31
 Cyclohexane
 Concen: 1.64 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Tgt Ion: 56 Resp: 1095
 Ion Ratio Lower Upper
 56 100
 69 154.7 27.8 41.8#
 84 106.1 67.2 100.8#

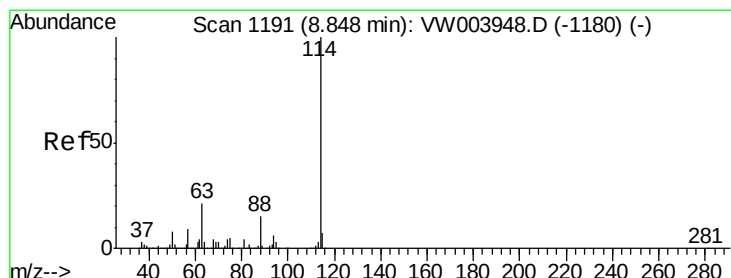
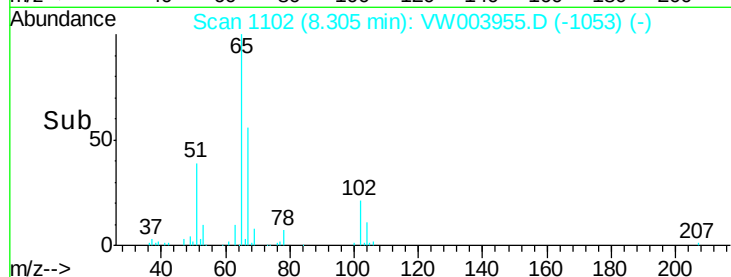
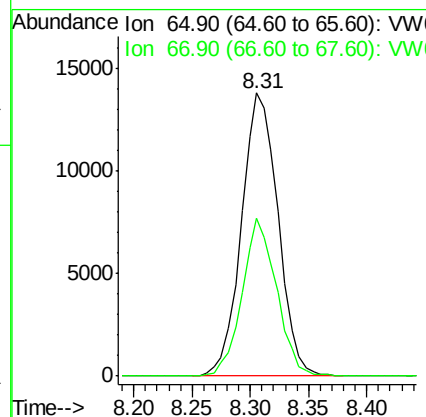
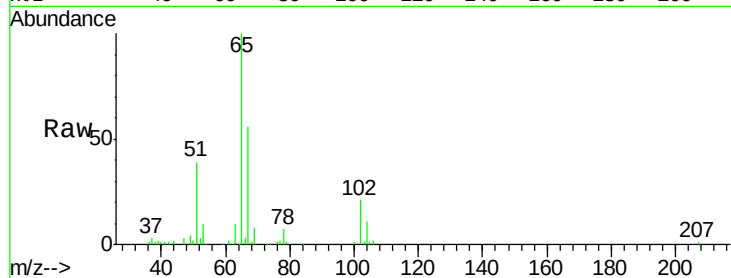




#33
 1,2-Dichloroethane-d4
 Concen: 75.31 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

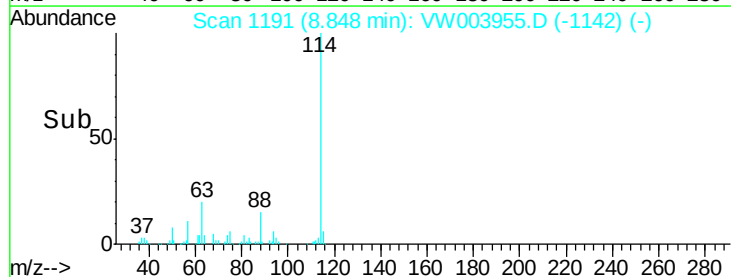
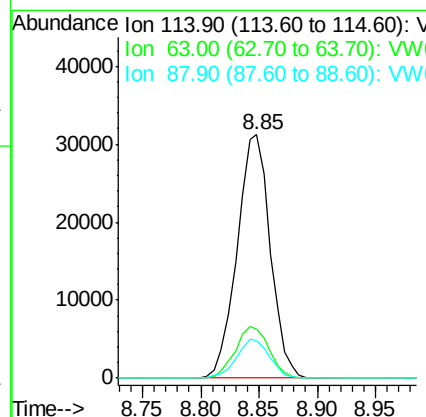
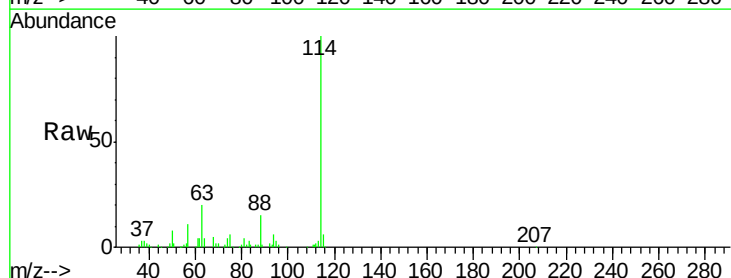
Instrument :
 MSVOA_W
 ClientSampleId :

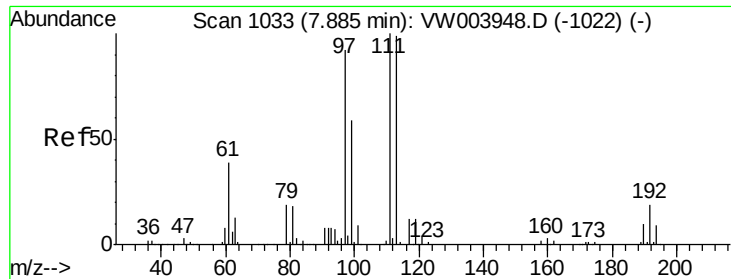
Tot Ion: 65 Resp: 30247
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Tgt Ion: 114 Resp: 61907
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 15.4 0.0 30.4

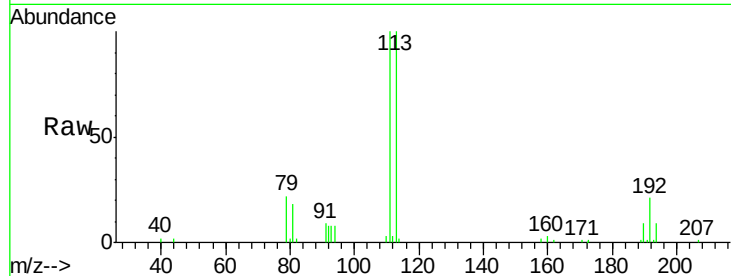




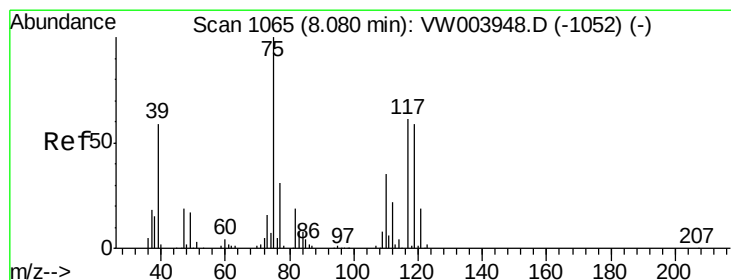
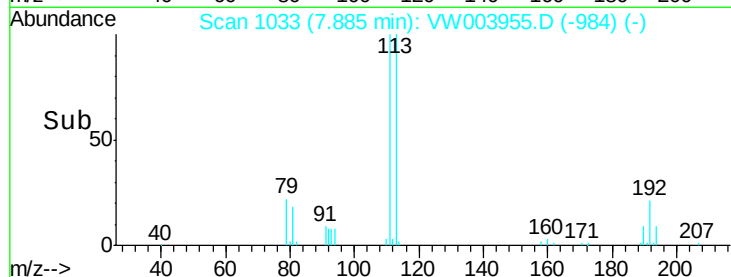
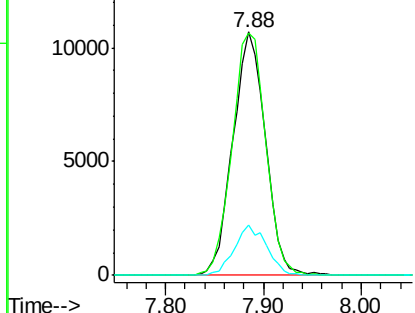
#35
 Dibromofluoromethane
 Concen: 62.07 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 24655
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 20.5 15.8 23.6

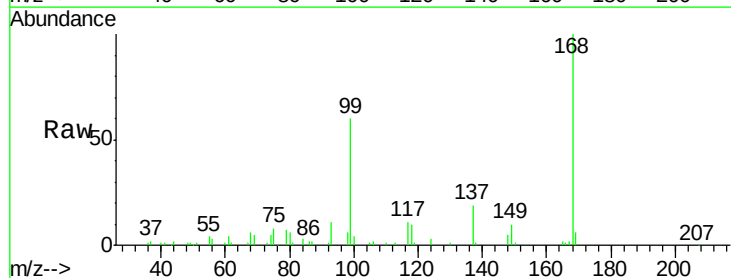


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

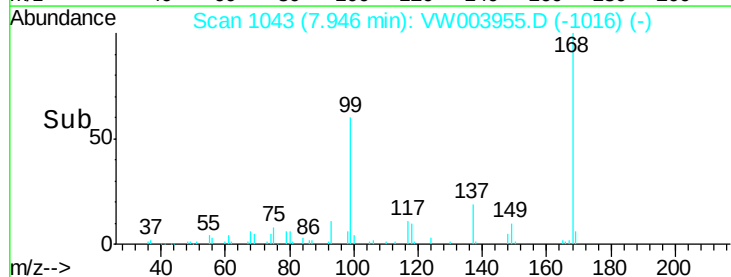
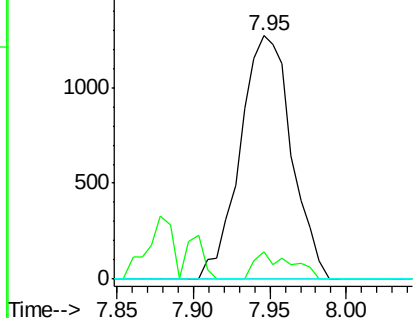


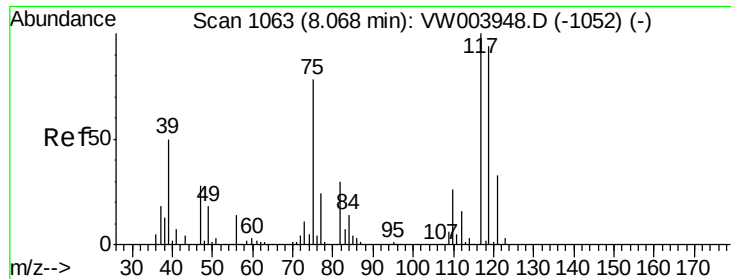
#36
 1,1-Dichloropropene
 Concen: 4.65 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Tgt Ion: 75 Resp: 2964
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.0 51.0#
 77 0.0 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: 6.35 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

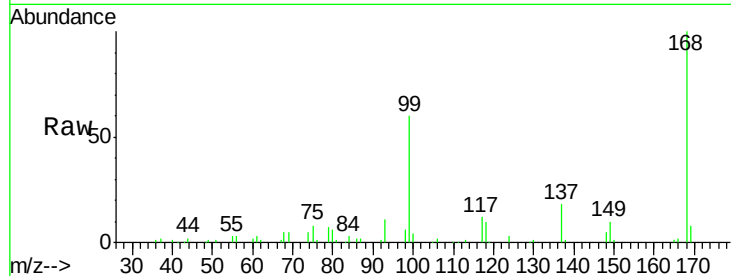
Tot Ion:117 Resp: 3778

Ion Ratio Lower Upper

117 100

119 2.9 75.3 112.9#

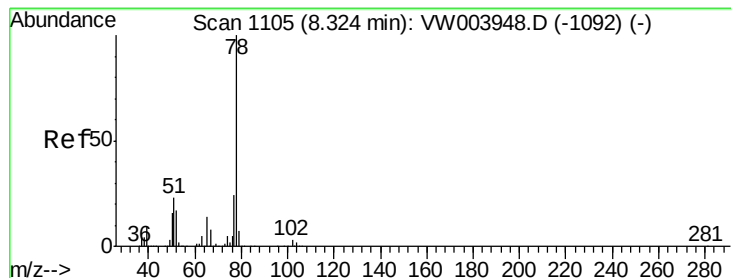
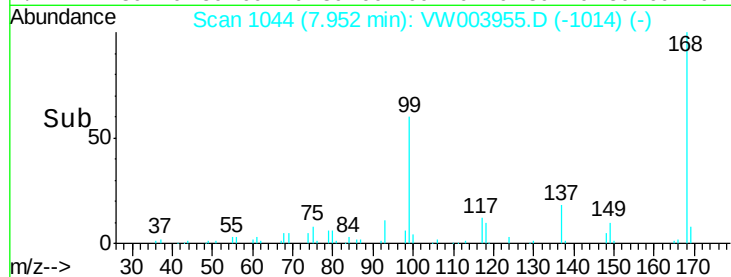
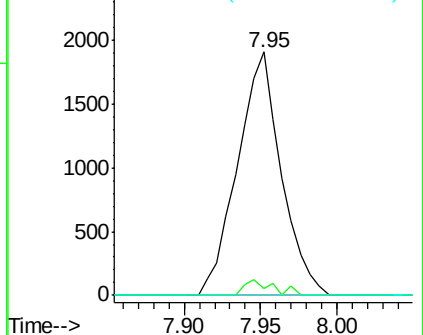
121 0.0 26.0 39.0#



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



#40

Benzene

Concen: 2.83 ug/l

RT: 8.32 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VW003955.D

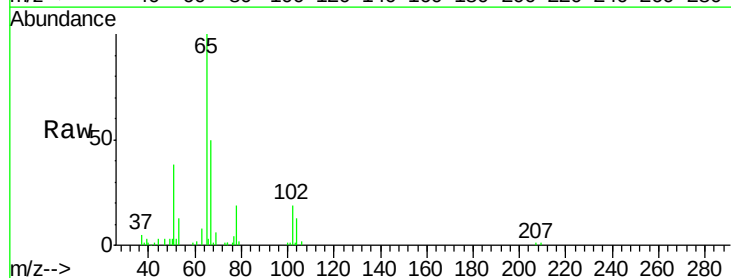
Acq: 16 Jul 2018 17:05

Tgt Ion: 78 Resp: 4995

Ion Ratio Lower Upper

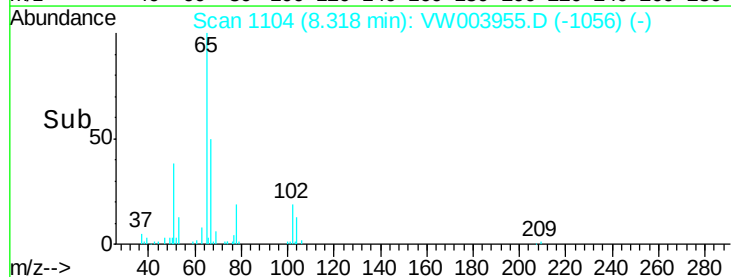
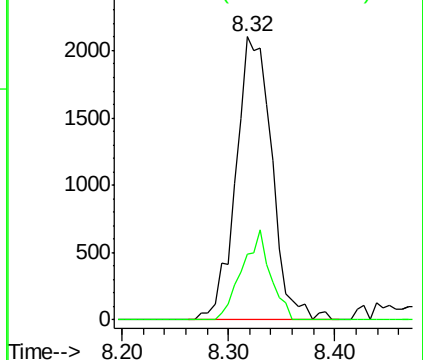
78 100

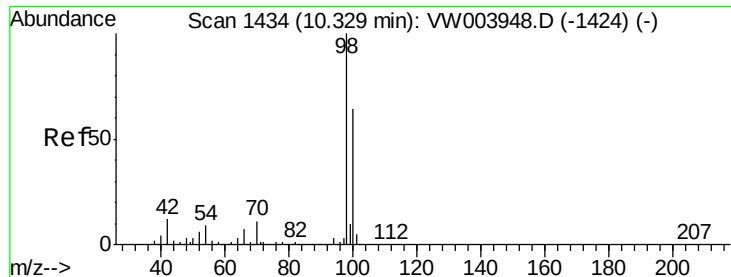
77 23.1 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

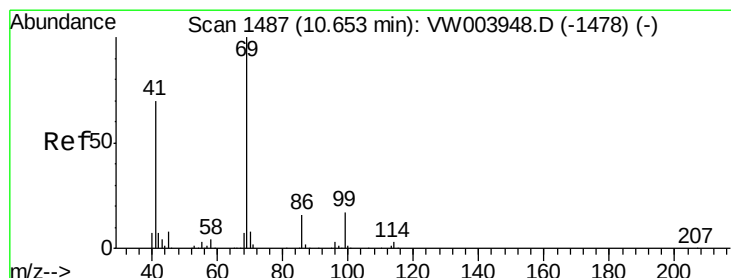
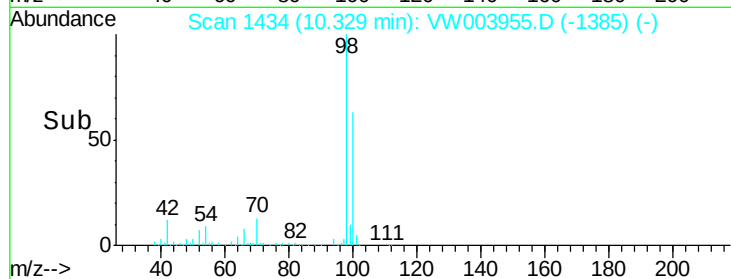
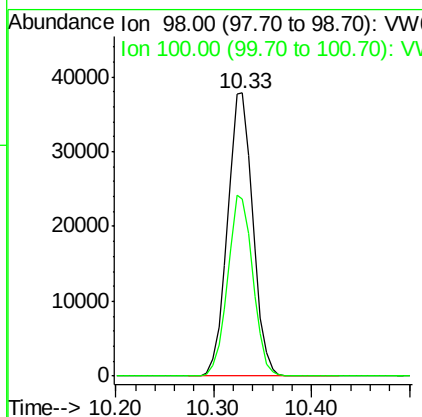
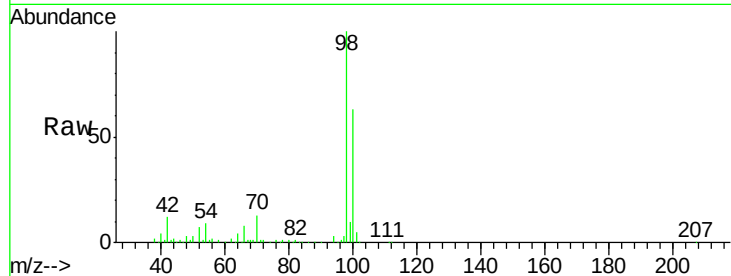




#50
Toluene-d8
Concen: 44.05 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

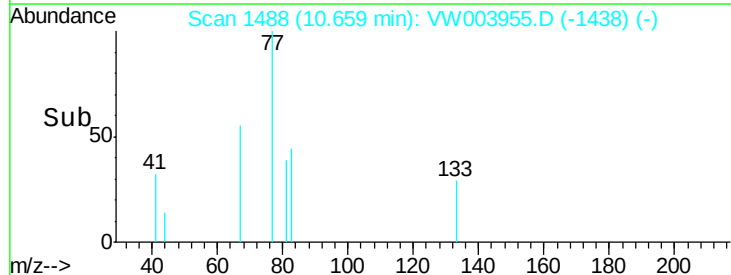
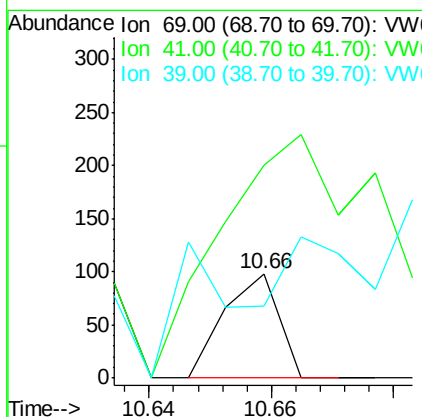
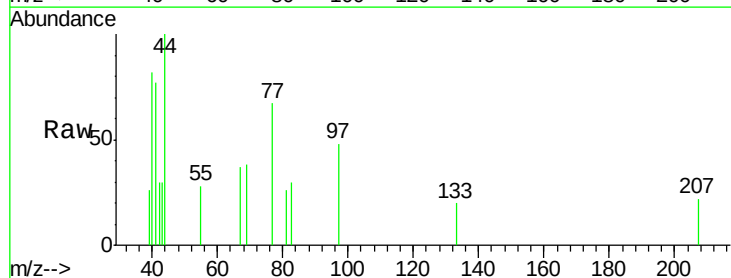
Instrument :
MSVOA_W
ClientSampled :

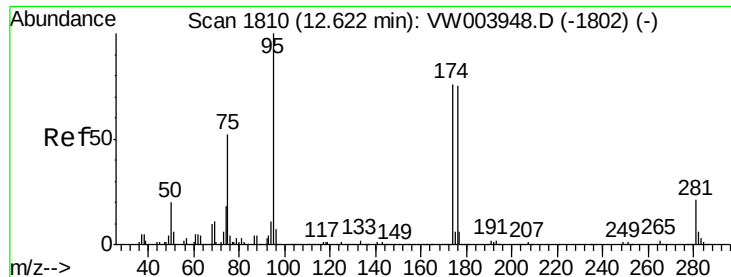
Tot Ion: 98 Resp: 67886
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#56
Ethyl methacrylate
Concen: 3.07 ug/l
RT: 10.66 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 755.0 56.5 84.7#
39 363.3 30.2 45.4#

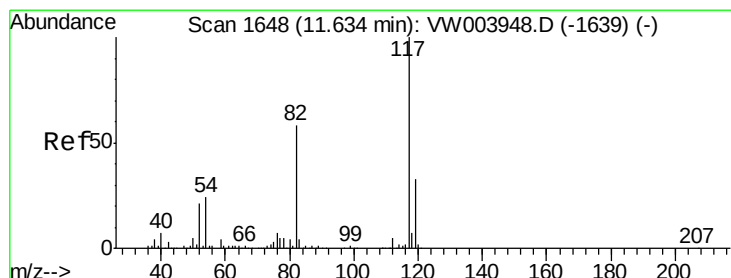
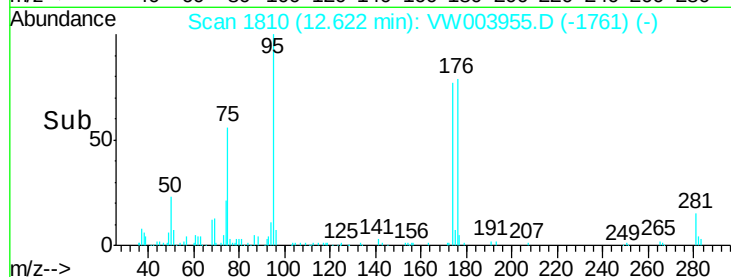
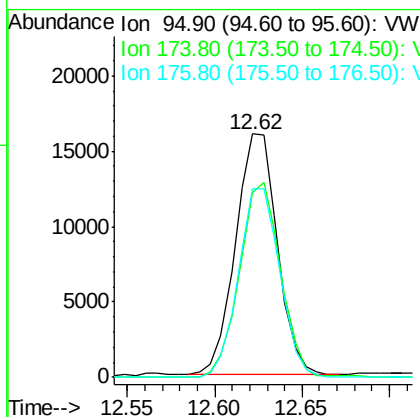
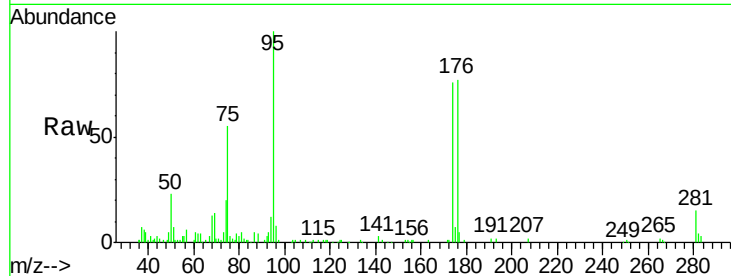




#62
4-Bromofluorobenzene
Concen: 47.80 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

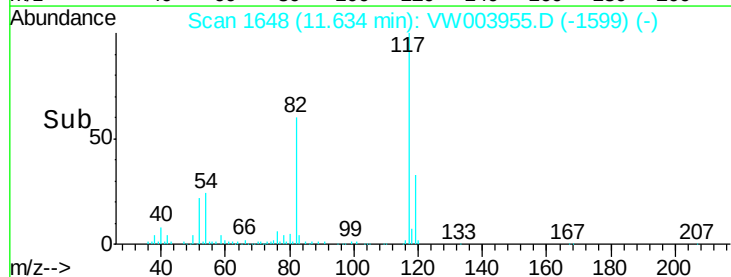
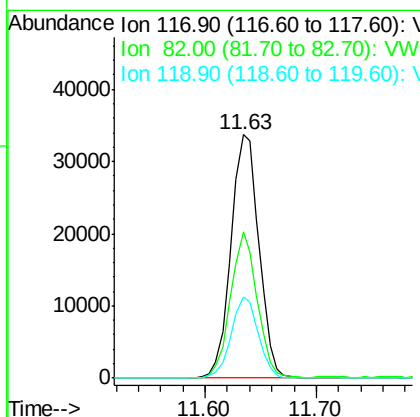
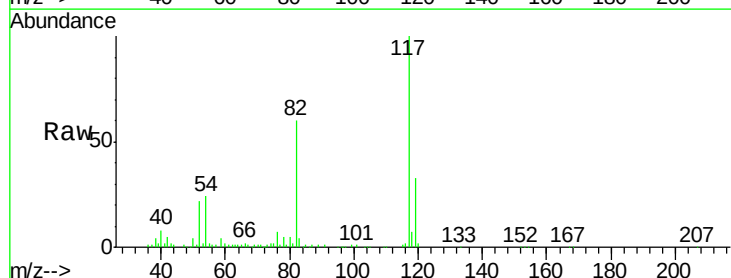
Instrument :
MSVOA_W
ClientSampleId :

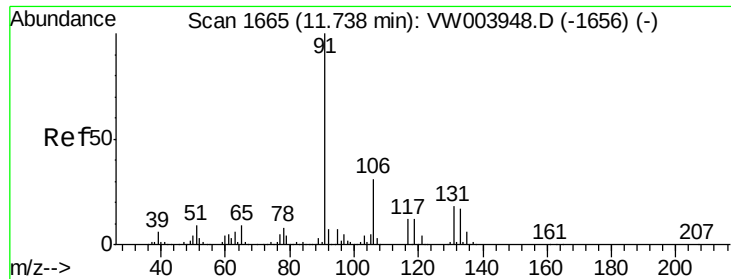
Tot Ion: 95 Resp: 26564
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.2
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

Tgt Ion: 117 Resp: 58392
Ion Ratio Lower Upper
117 100
82 59.7 46.5 69.7
119 33.3 26.2 39.2

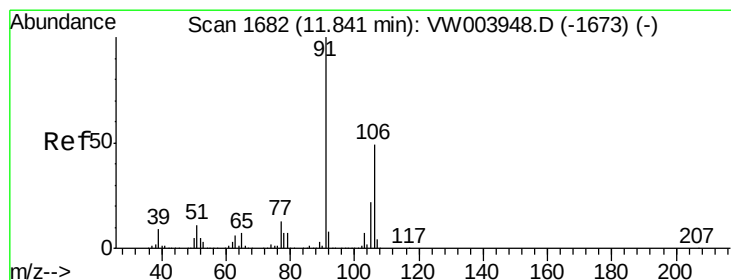
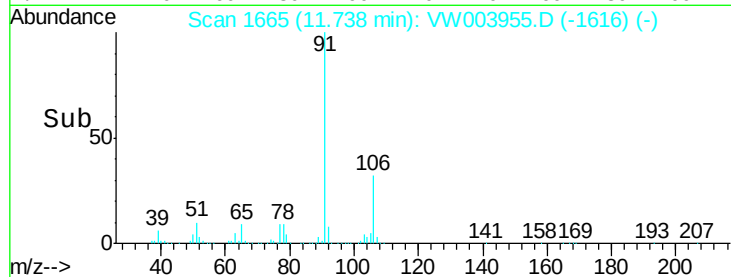
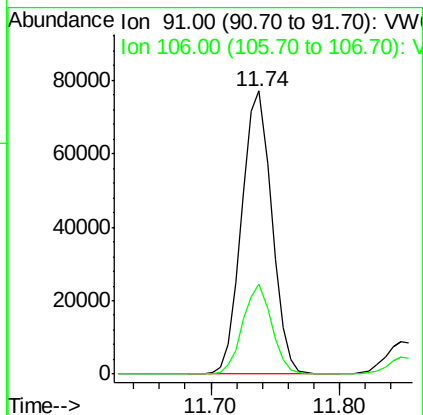
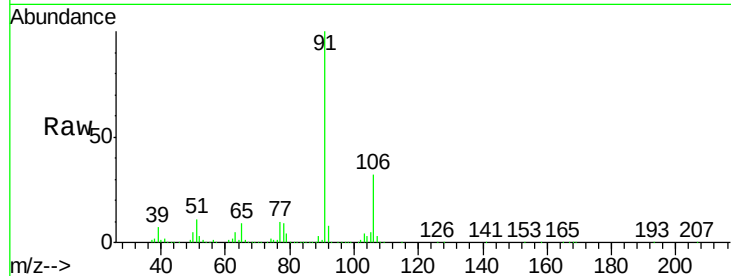




#67
Ethyl Benzene
Concen: 56.89 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

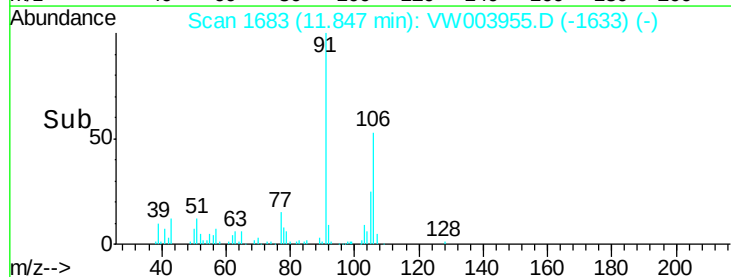
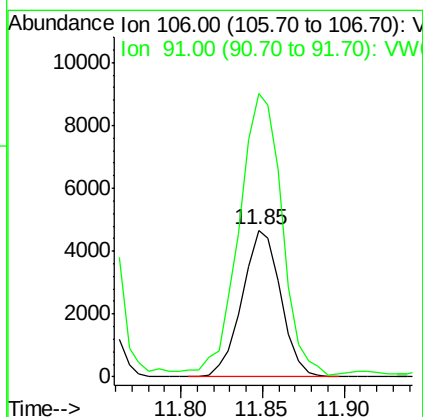
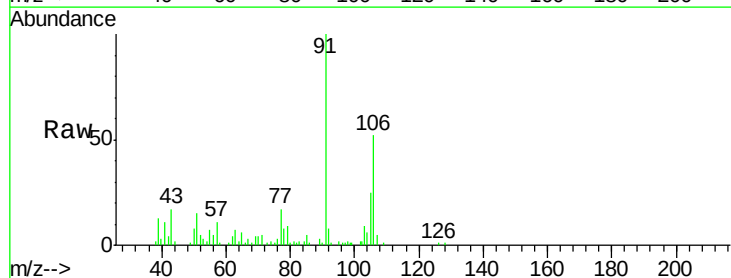
Instrument :
MSVOA_W
ClientSampled :

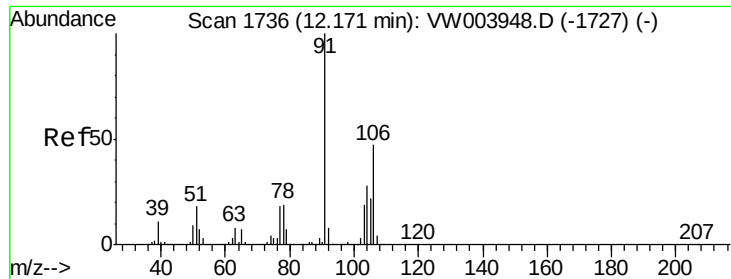
Tot Ion: 91 Resp: 124085
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 9.23 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

Tgt Ion: 106 Resp: 7692
Ion Ratio Lower Upper
106 100
91 209.5 164.2 246.2

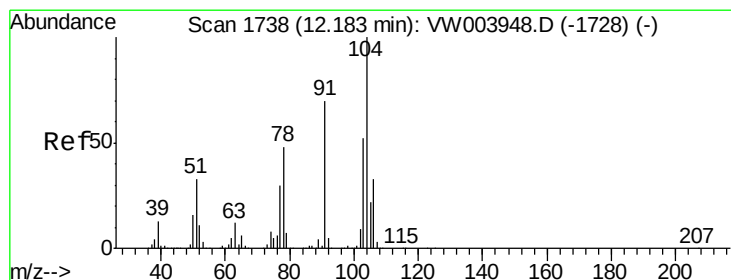
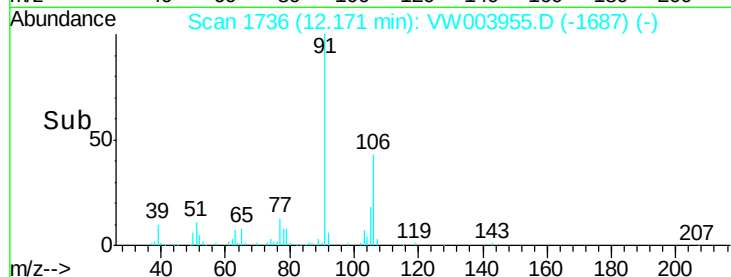
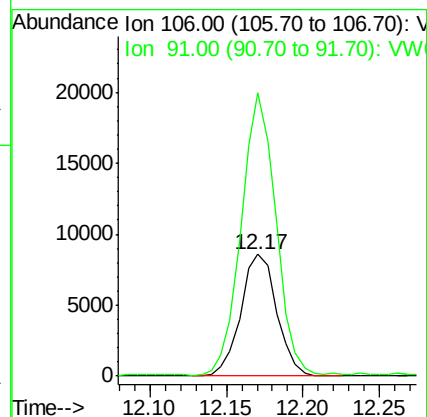
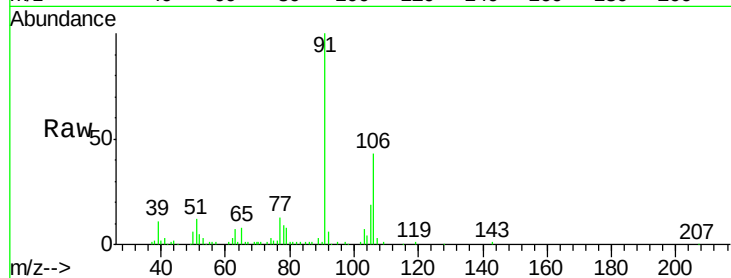




#69
o-Xylene
Concen: 18.15 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

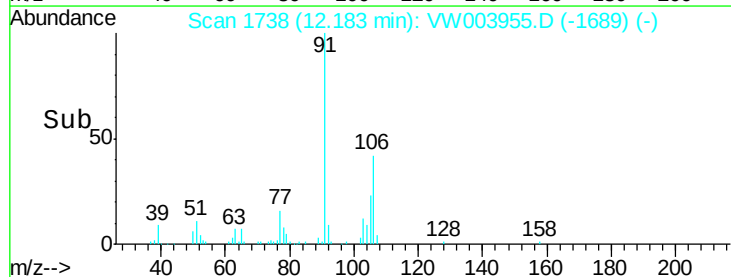
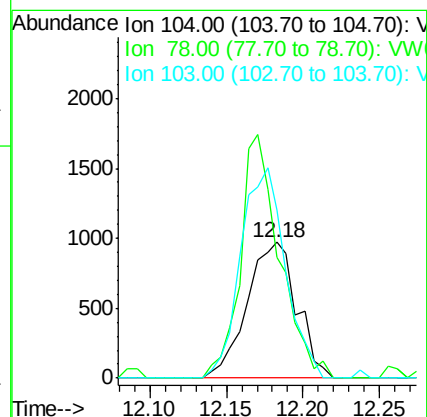
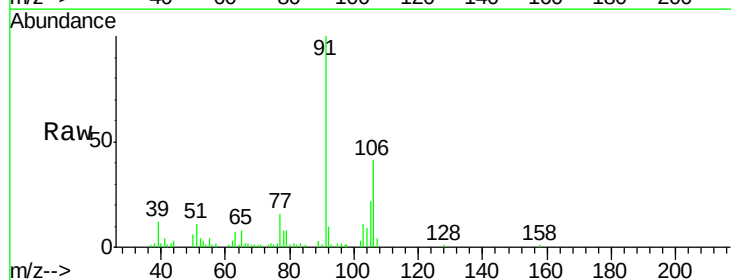
Instrument :
MSVOA_W
ClientSampled :

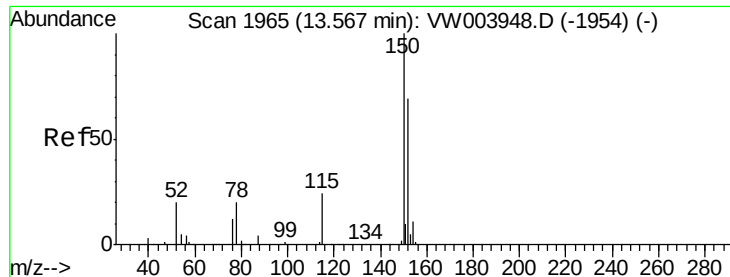
Tot Ion:106 Resp: 14034
Ion Ratio Lower Upper
106 100
91 226.7 107.5 322.6



#70
Styrene
Concen: 1.70 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003955.D
Acq: 16 Jul 2018 17:05

Tgt Ion:104 Resp: 2196
Ion Ratio Lower Upper
104 100
78 140.8 41.0 61.4#
103 139.1 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

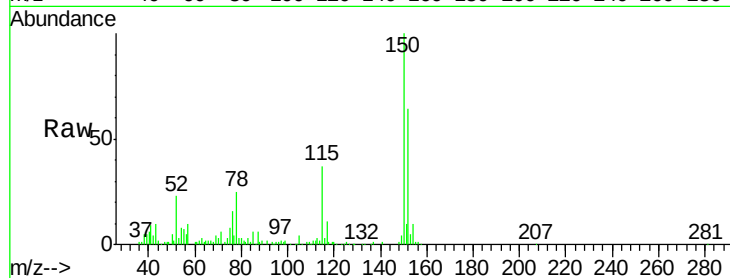
Tot Ion:152 Resp: 25013

Ion Ratio Lower Upper

152 100

115 62.1 29.2 87.6

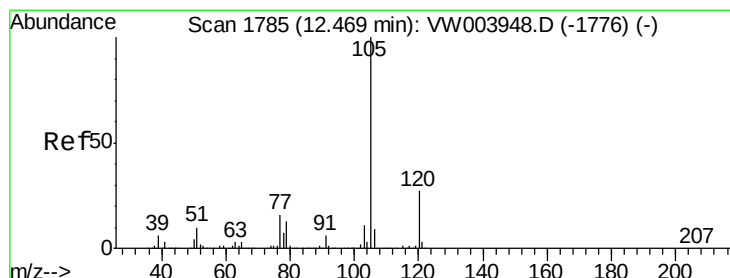
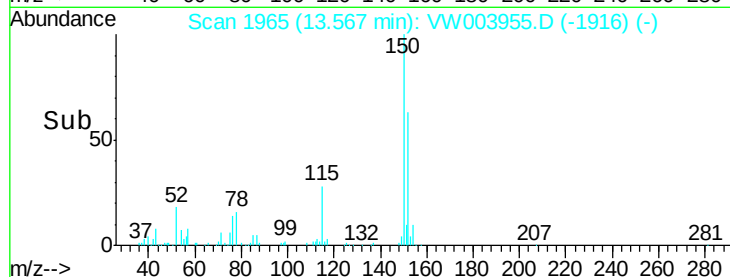
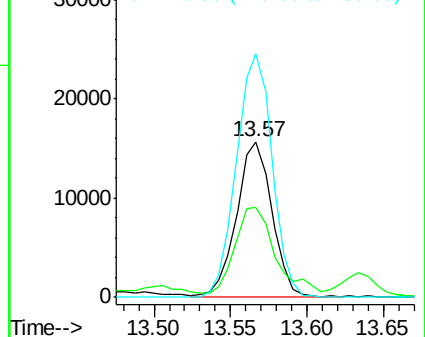
150 159.1 0.0 345.2



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



#73

Isopropylbenzene

Concen: 12.93 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003955.D

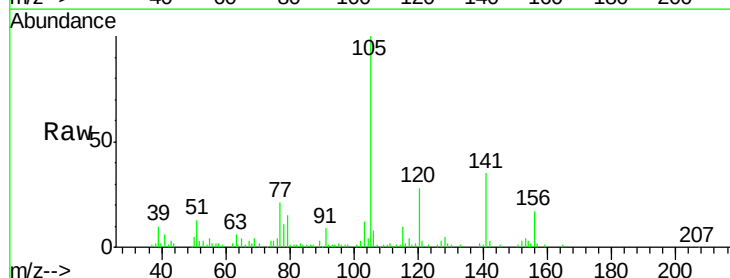
Acq: 16 Jul 2018 17:05

Tgt Ion:105 Resp: 22851

Ion Ratio Lower Upper

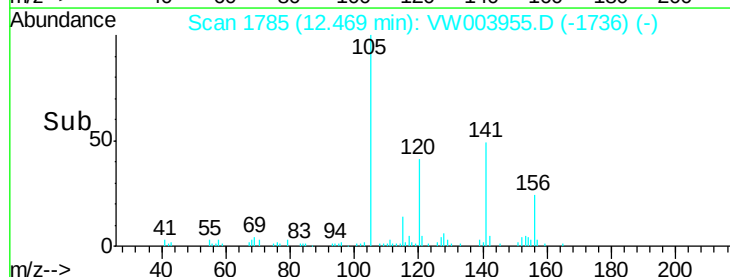
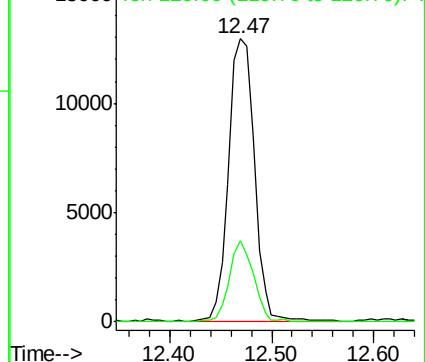
105 100

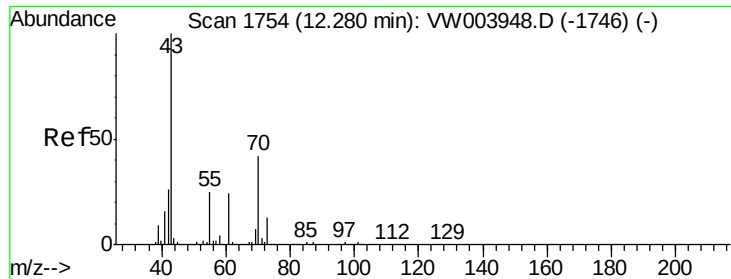
120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.13 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1443

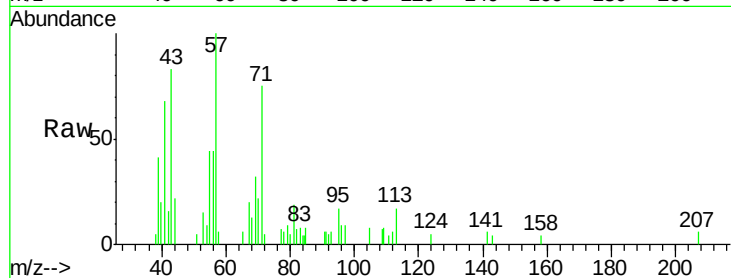
Ion Ratio Lower Upper

43 100

70 58.7 31.6 47.4#

55 36.0 20.0 30.0#

61 0.0 18.5 27.7#

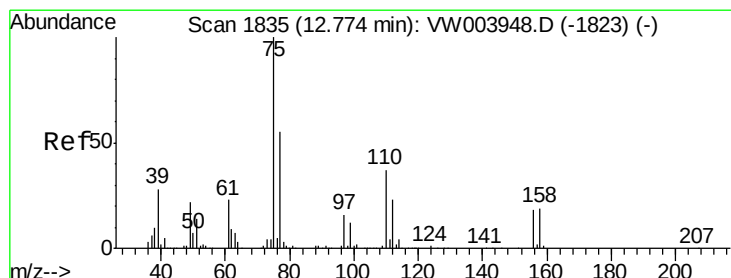
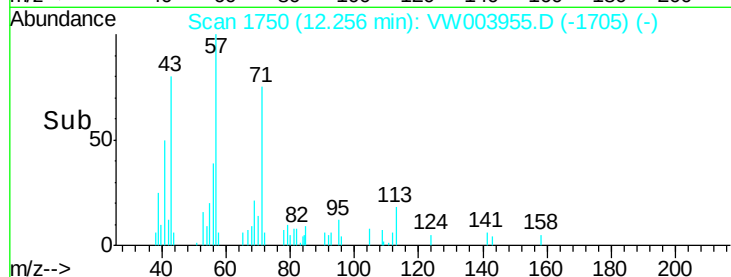
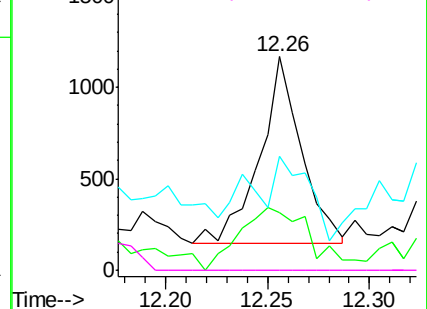


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 6.13 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.13 min

Lab File: VW003955.D

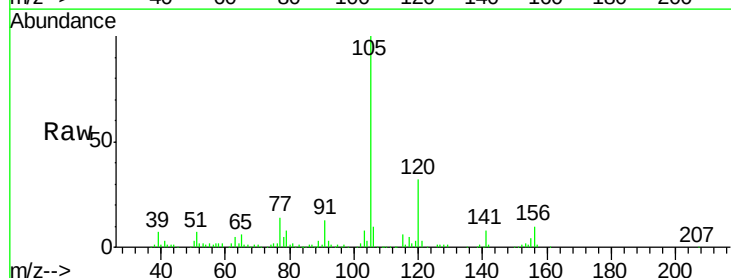
Acq: 16 Jul 2018 17:05

Tgt Ion: 75 Resp: 1523

Ion Ratio Lower Upper

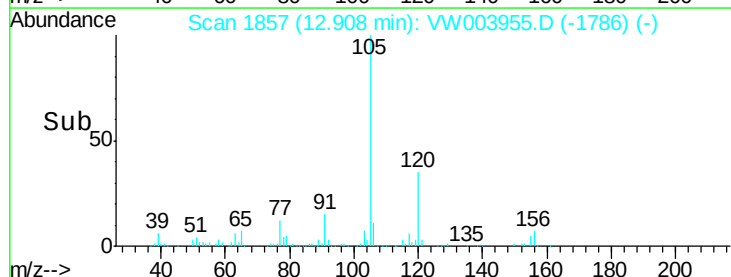
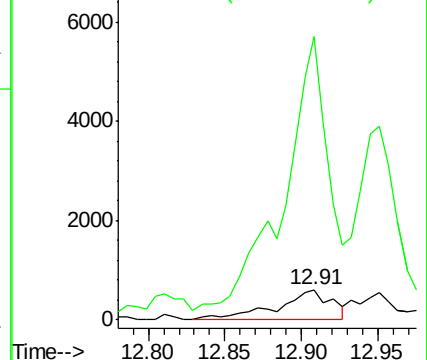
75 100

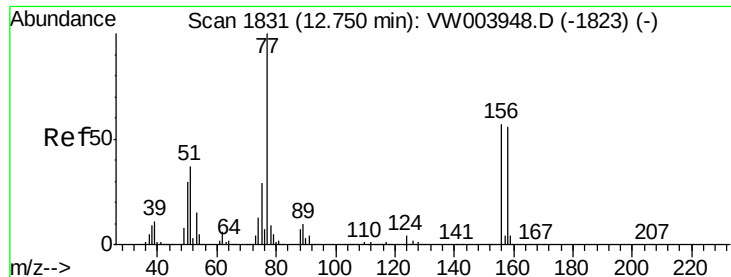
77 735.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 75.58 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.20 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

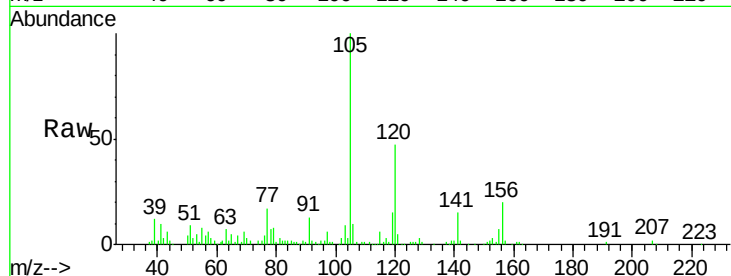
Tot Ion:156 Resp: 31964

Ion Ratio Lower Upper

156 100

77 20.9 96.2 288.6#

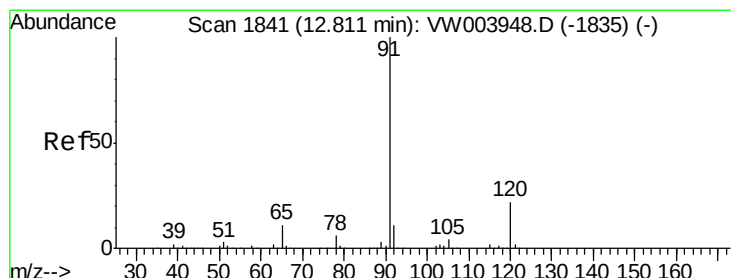
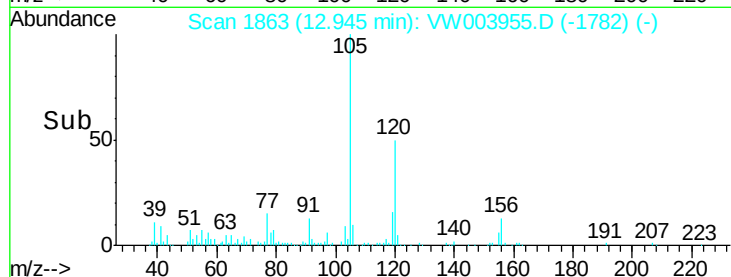
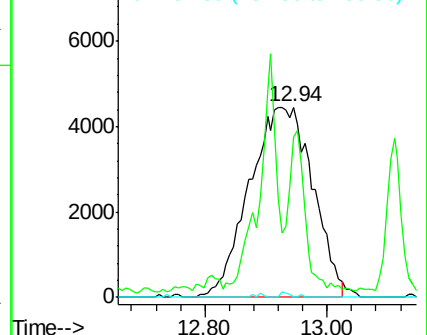
158 0.1 48.5 145.5#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.42 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003955.D

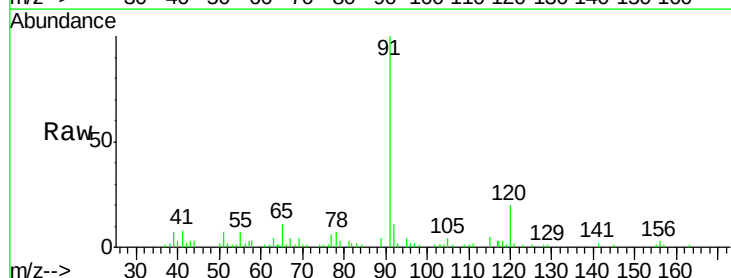
Acq: 16 Jul 2018 17:05

Tgt Ion: 91 Resp: 11742

Ion Ratio Lower Upper

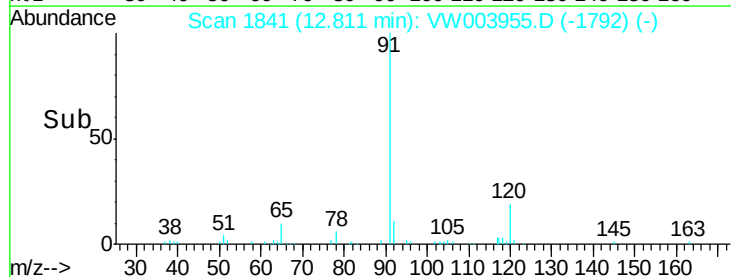
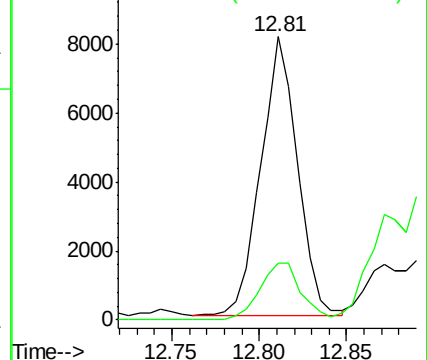
91 100

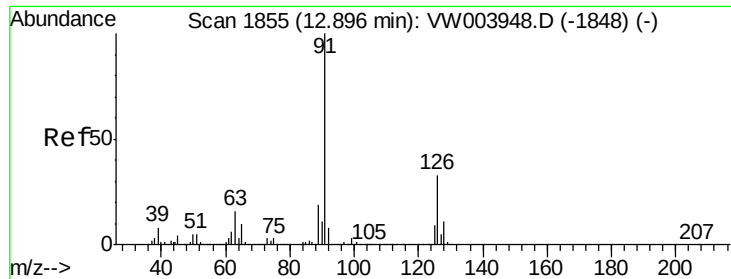
120 22.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

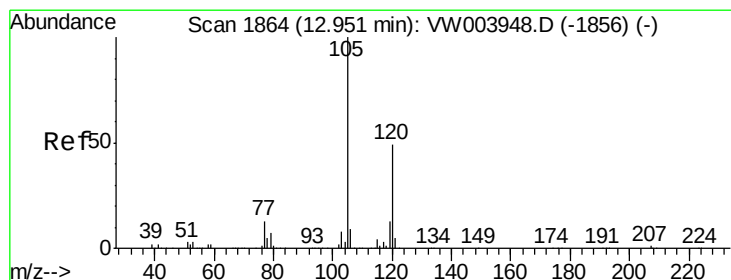
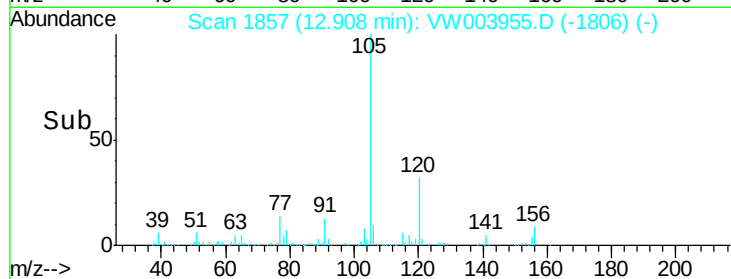
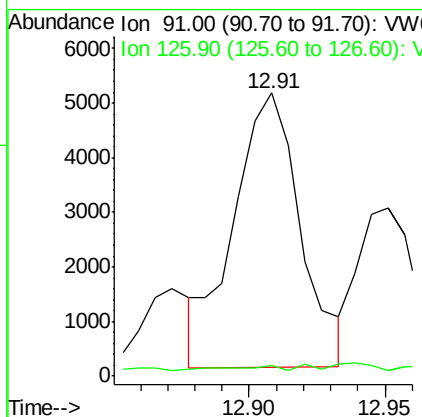
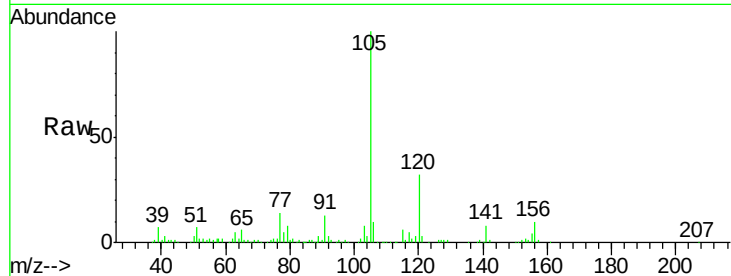




#79
 2-Chlorotoluene
 Concen: 7.02 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

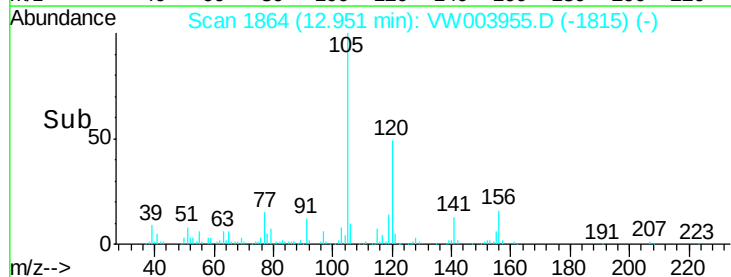
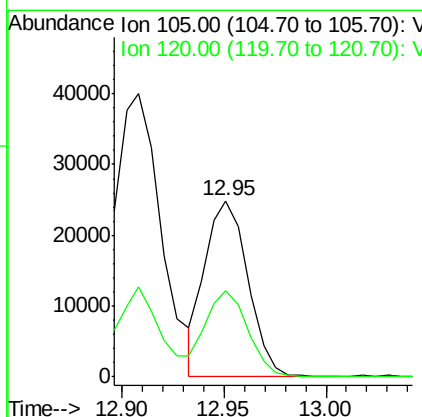
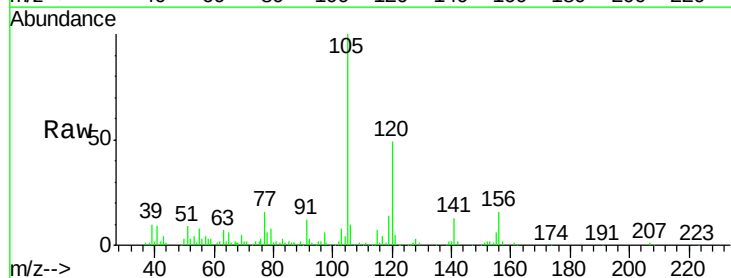
Instrument :
 MSVOA_W
 ClientSampleId :

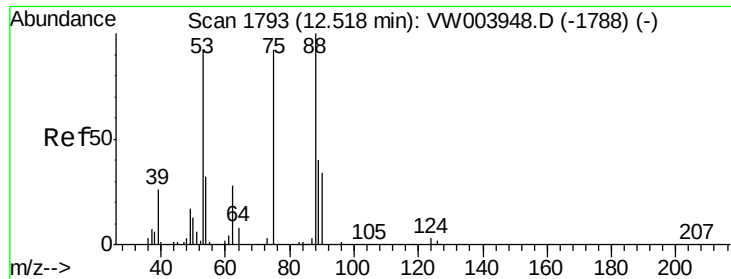
Tot Ion: 91 Resp: 8582
 Ion Ratio Lower Upper
 91 100
 126 4.5 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 24.57 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Tgt Ion:105 Resp: 36550
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 13.74 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

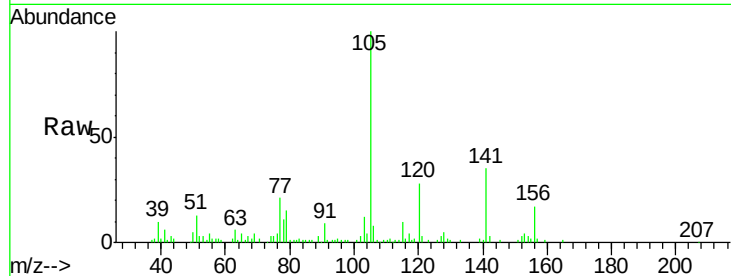
Tot Ion: 75 Resp: 1543

Ion Ratio Lower Upper

75 100

53 45.1 77.6 116.4#

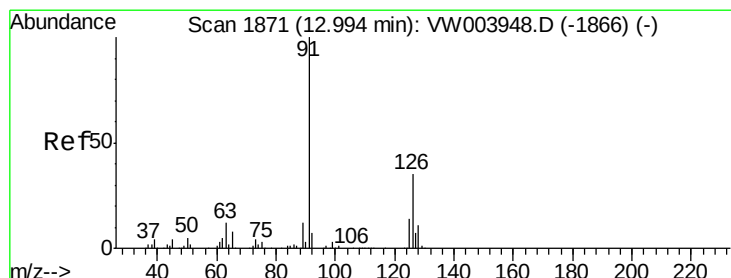
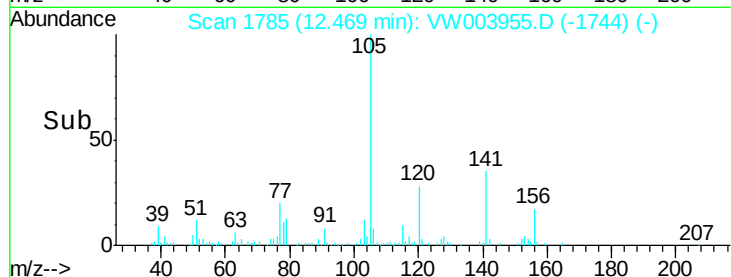
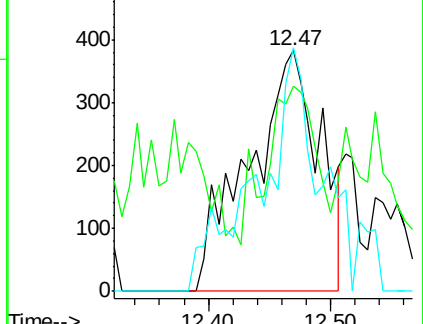
89 46.1 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 3.31 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW003955.D

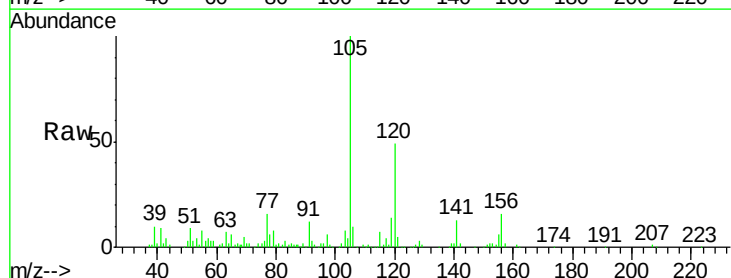
Acq: 16 Jul 2018 17:05

Tgt Ion: 91 Resp: 4348

Ion Ratio Lower Upper

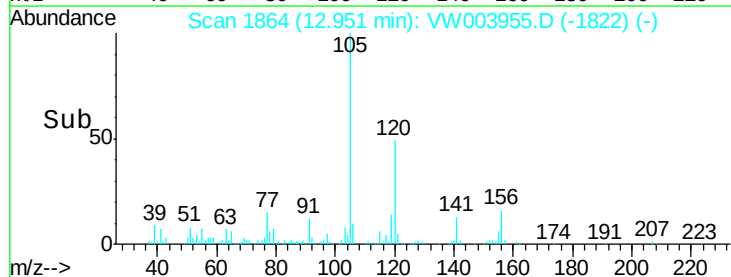
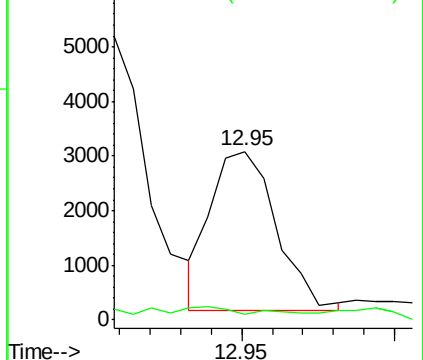
91 100

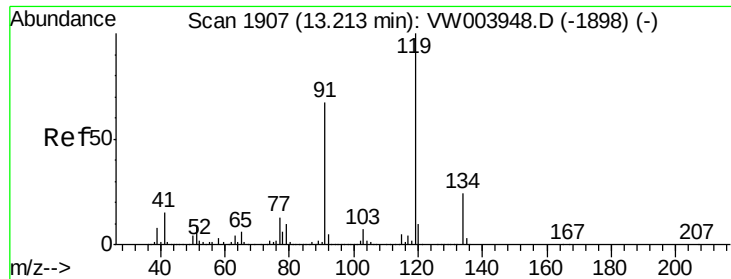
126 9.2 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 11.41 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.05 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

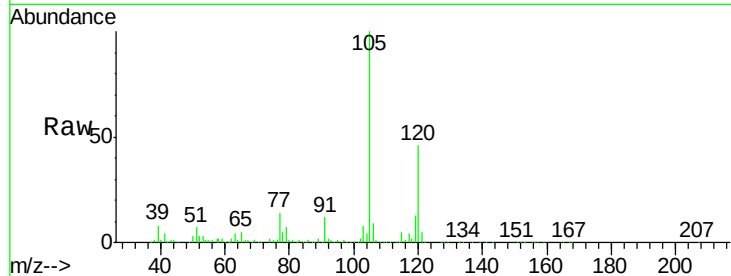
Tot Ion:119 Resp: 14245

Ion Ratio Lower Upper

119 100

91 86.6 33.2 99.6

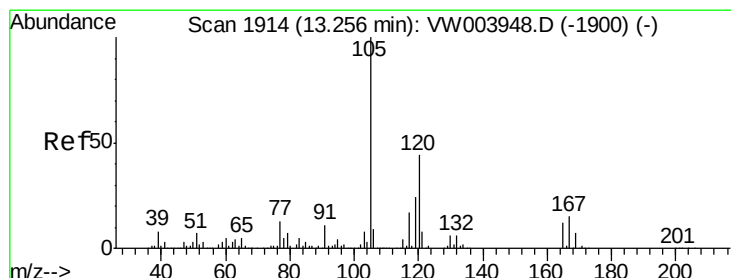
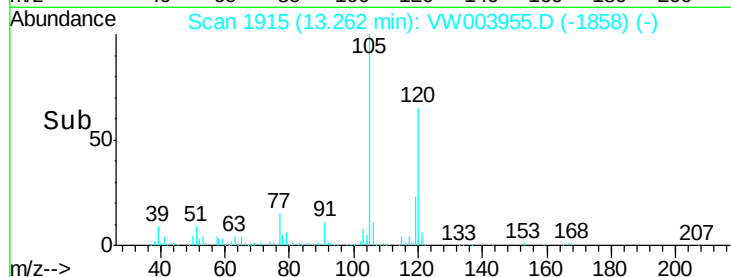
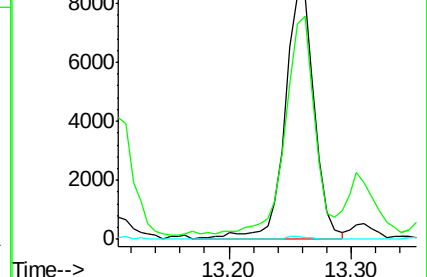
134 0.9 13.0 38.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 67.67 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW003955.D

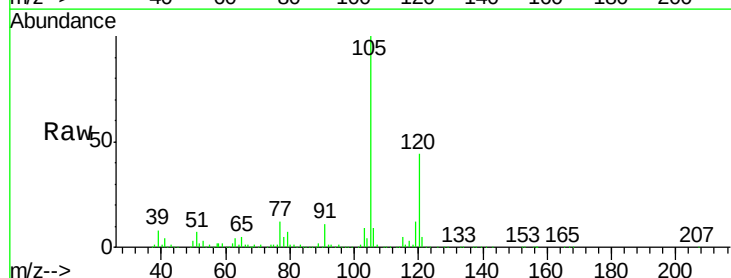
Acq: 16 Jul 2018 17:05

Tgt Ion:105 Resp: 103555

Ion Ratio Lower Upper

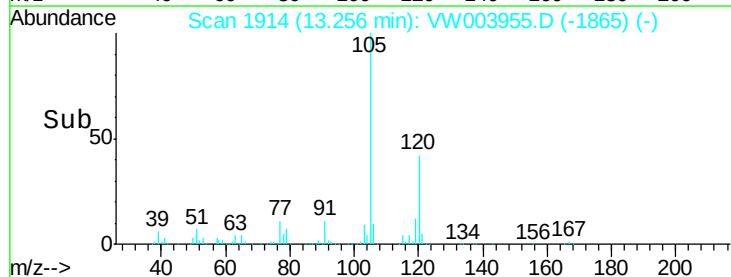
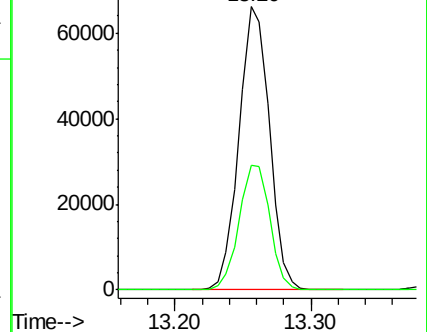
105 100

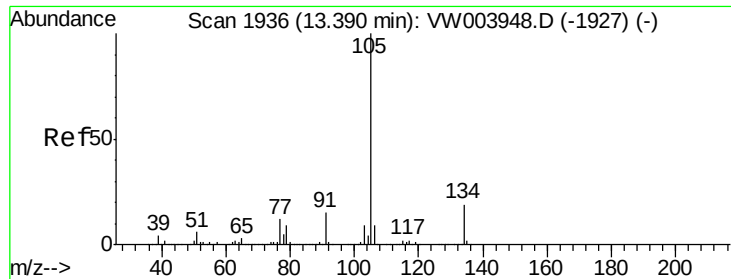
120 44.7 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

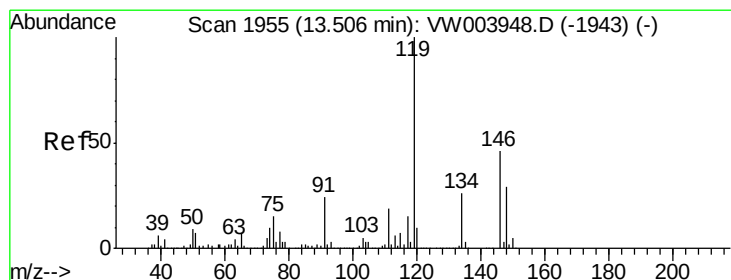
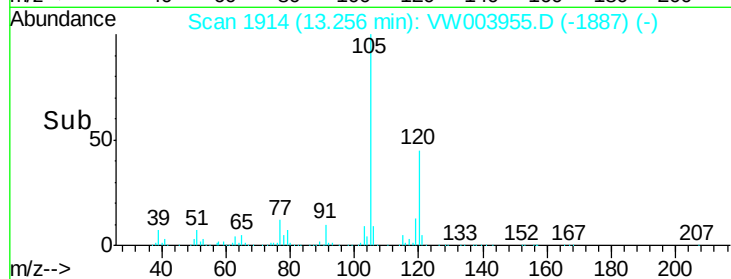
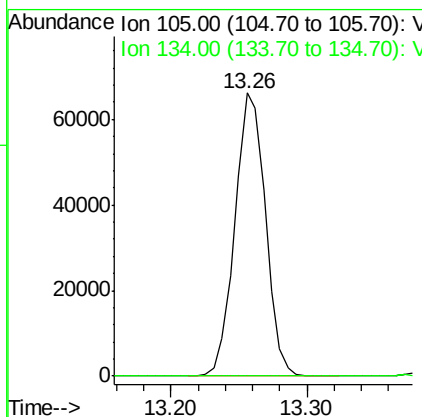
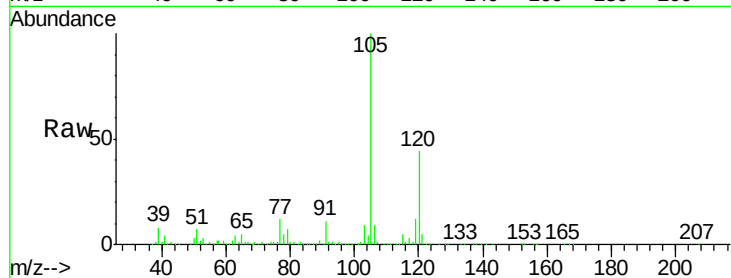




#85
 sec-Butylbenzene
 Concen: 55.89 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.13 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

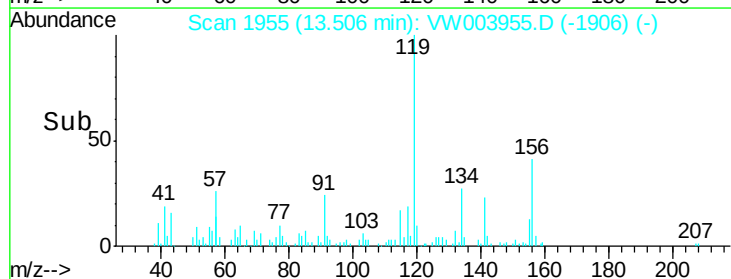
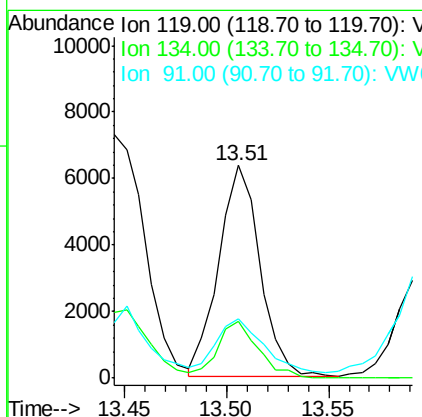
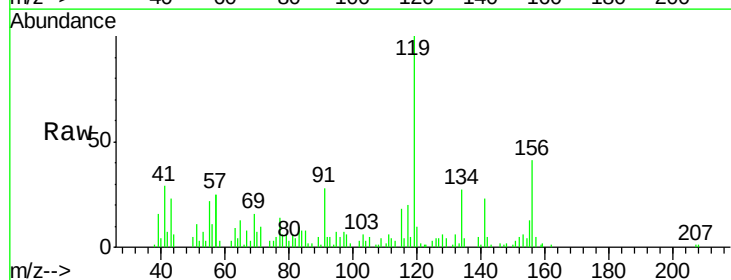
Instrument :
 MSVOA_W
 ClientSampleId :

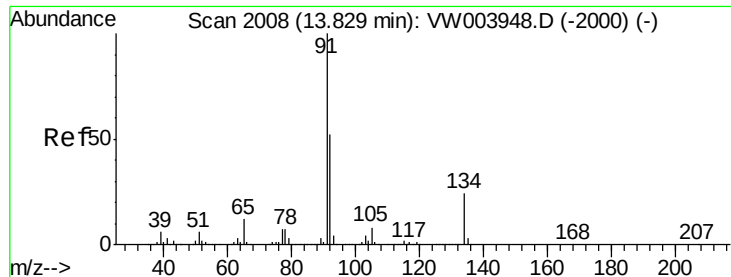
Tot Ion:105 Resp: 103555
 Ion Ratio Lower Upper
 105 100
 134 0.1 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 5.46 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Tgt Ion:119 Resp: 8869
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 29.3 11.8 35.3





#89

n-Butylbenzene

Concen: 64.67 ug/l

RT: 13.77 min Scan# 1998

Delta R.T. -0.06 min

Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

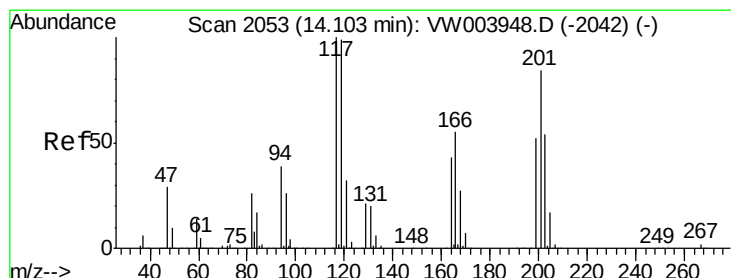
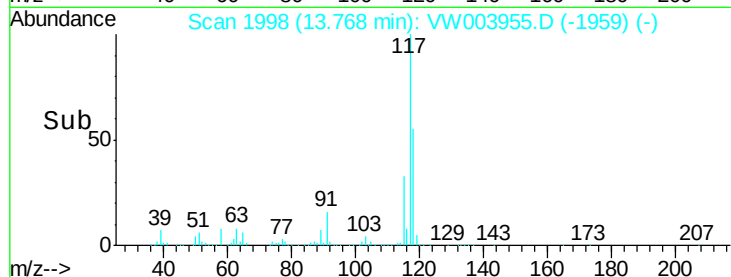
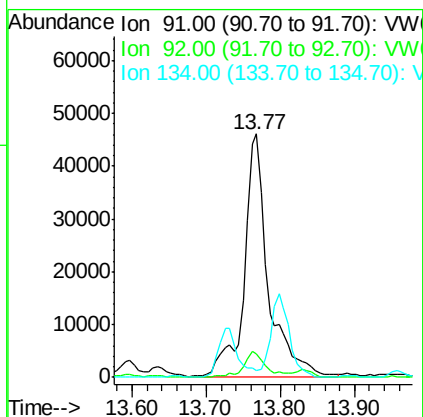
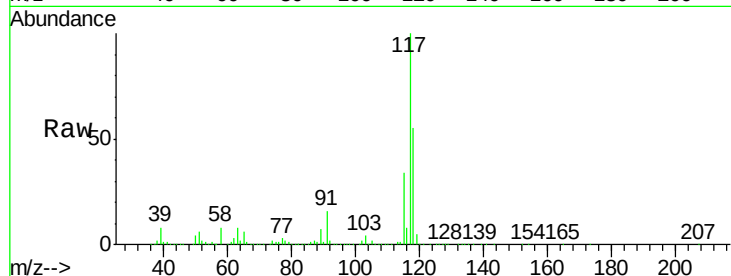
Tot Ion: 91 Resp: 103318

Ion Ratio Lower Upper

91 100

92 10.1 26.1 78.3#

134 0.0 12.4 37.4#



#90

Hexachloroethane

Concen: 26.45 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003955.D

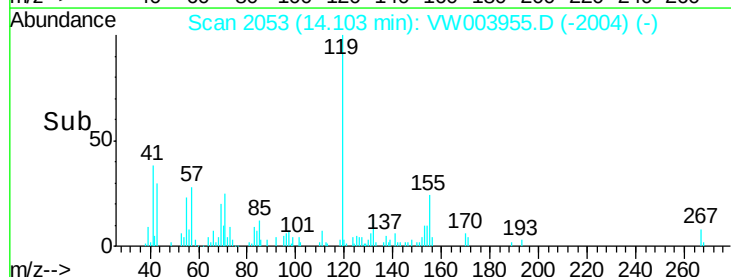
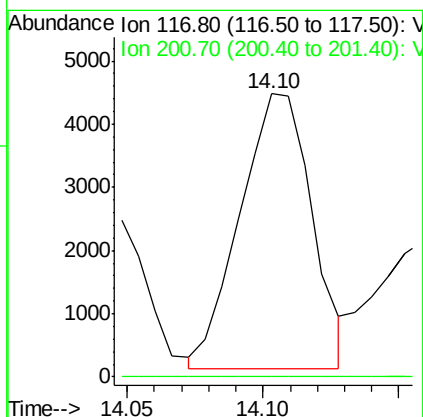
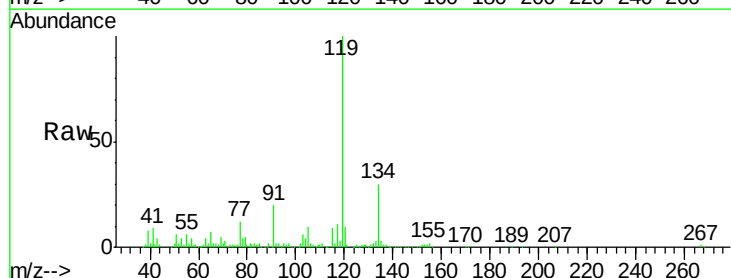
Acq: 16 Jul 2018 17:05

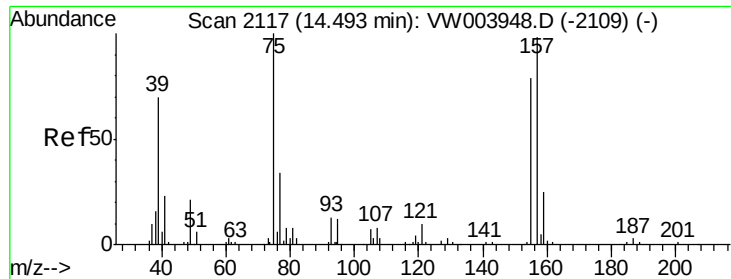
Tgt Ion: 117 Resp: 7925

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.9#

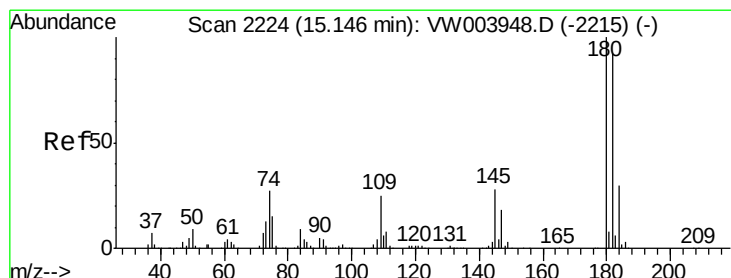
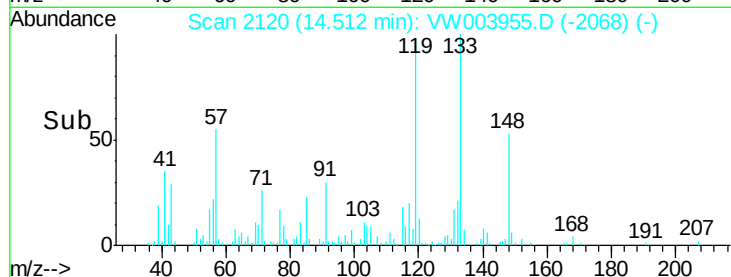
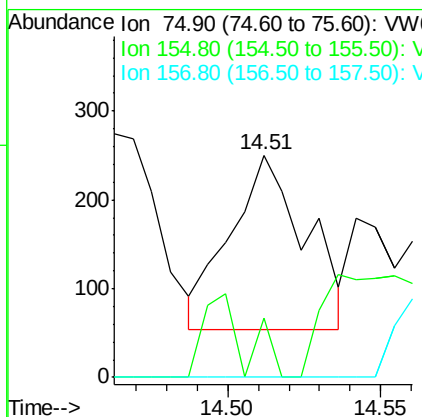
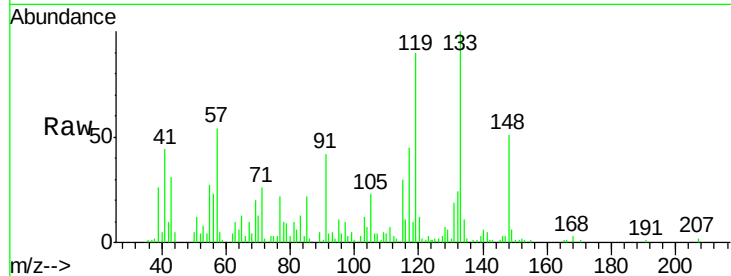




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.53 ug/l
 RT: 14.51 min Scan# 2120
 Delta R.T. 0.02 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

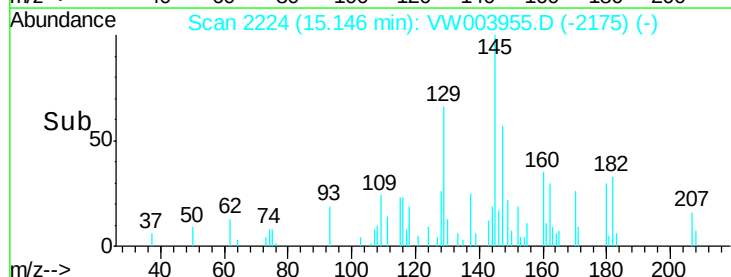
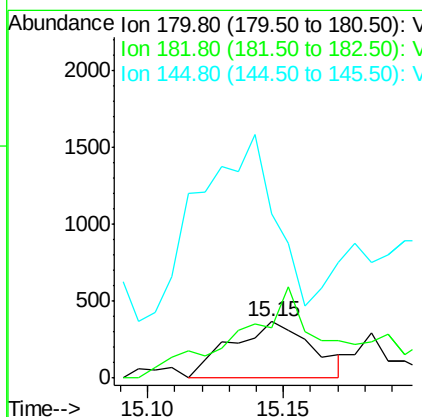
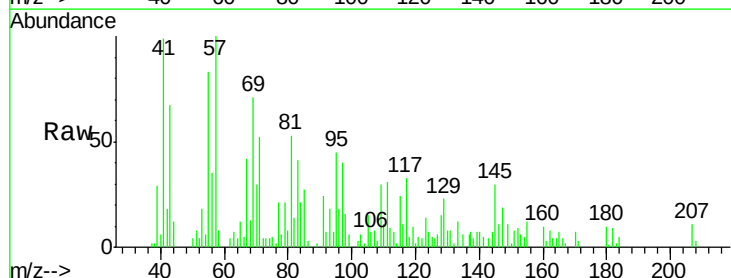
Instrument :
 MSVOA_W
 ClientSampleId :

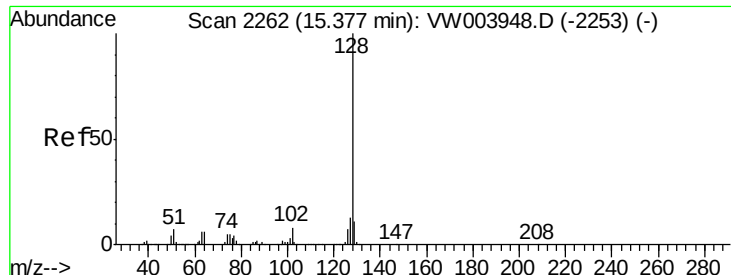
Tot Ion: 75 Resp: 336
 Ion Ratio Lower Upper
 75 100
 155 26.5 39.4 118.1#
 157 0.0 51.8 155.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.42 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003955.D
 Acq: 16 Jul 2018 17:05

Tgt Ion: 180 Resp: 751
 Ion Ratio Lower Upper
 180 100
 182 161.8 46.9 140.8#
 145 318.2 15.0 45.0#





#95

Naphthalene

Concen: 258.41 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

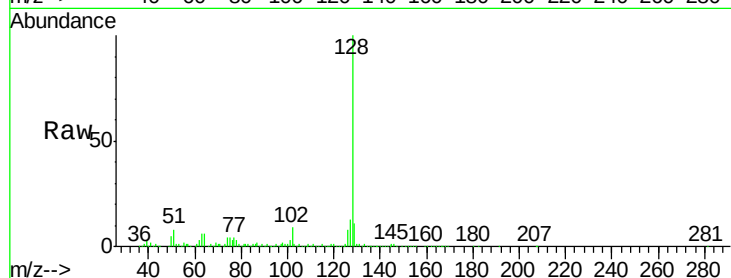
Lab File: VW003955.D

Acq: 16 Jul 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :



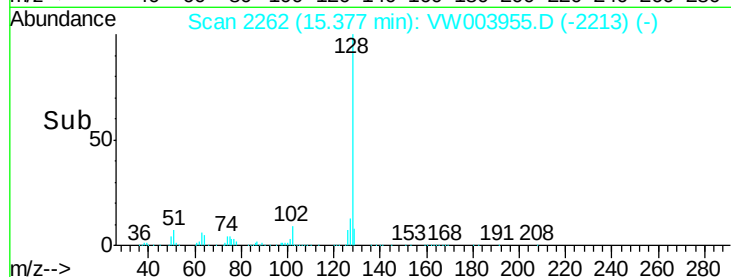
Tot Ion:128 Resp: 252107

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

200000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

