

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003857.D
 Acq On : 11 Jul 2018 06:48
 Operator : SY/AP
 Sample : J3914-07
 Misc : 4.60G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NEMH

Quant Time: Jul 11 07:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54278	32.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.86%	
35) Dibromofluoromethane	7.88	113	46030	31.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.98%	
50) Toluene-d8	10.33	98	123619	22.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.22%	
62) 4-Bromofluorobenzene	12.62	95	27462	13.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.14%	

Target Compounds

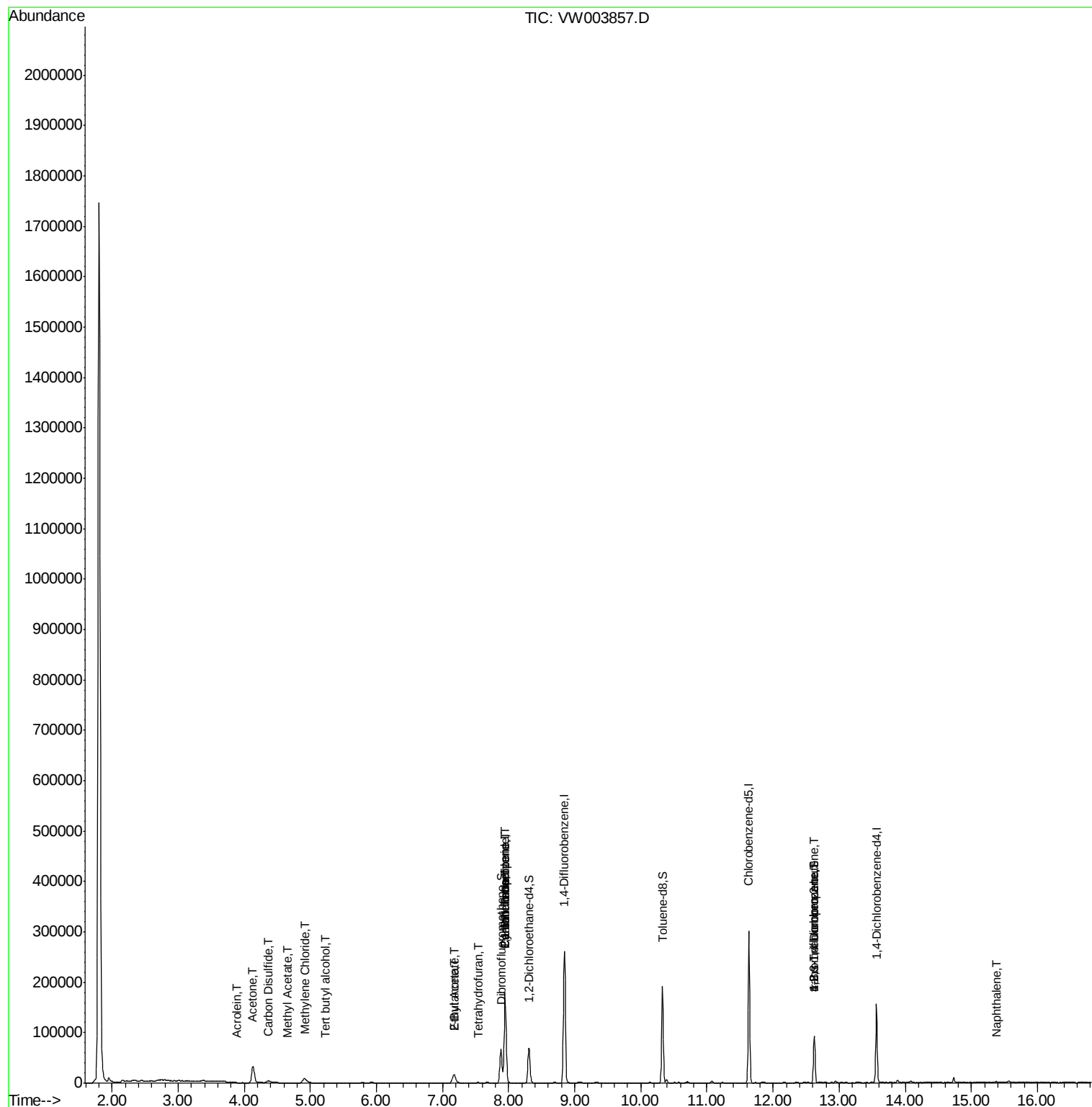
						Qvalue
11) Tert butyl alcohol	5.22	59	878	9.828	ug/l #	76
13) Acrolein	3.89	56	69	5.198	ug/l	87
16) Acetone	4.14	43	60893	212.905	ug/l	94
17) Carbon Disulfide	4.37	76	10734	2.765	ug/l #	87
18) Methyl Acetate	4.66	43	1095	1.358	ug/l #	54
20) Methylene Chloride	4.92	84	8081	1.549	ug/l	99
25) 2-Butanone	7.18	43	16131	36.009	ug/l	99
29) Tetrahydrofuran	7.54	42	386	1.340	ug/l #	61
31) Cyclohexane	7.95	56	3646	1.516	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	10724	4.839	ug/l #	50
37) Ethyl Acetate	7.18	43	16131	14.958	ug/l #	71
38) Carbon Tetrachloride	7.95	117	13313	6.318	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	14934	38.589	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	14934	94.398	ug/l #	8
95) Naphthalene	15.38	128	1997	1.366	ug/l #	92

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003857.D
Acq On : 11 Jul 2018 06:48
Operator : SY/AP
Sample : J3914-07
Misc : 4.60G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NEMH

Quant Time: Jul 11 07:10:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

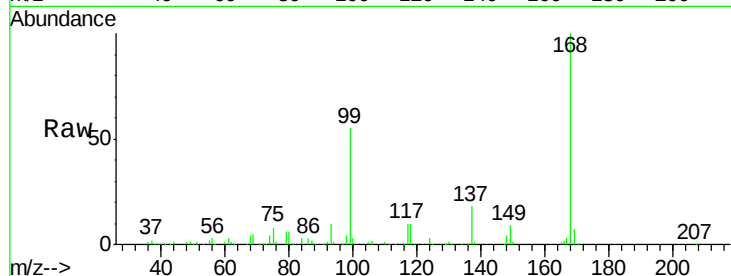
NEMH

Tot Ion:168 Resp: 126059

Ion Ratio Lower Upper

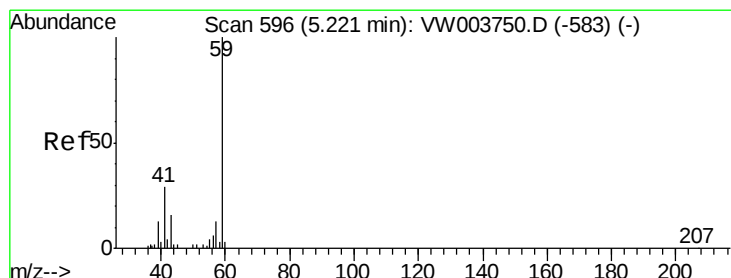
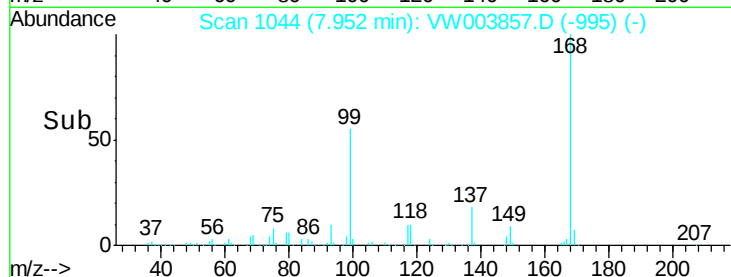
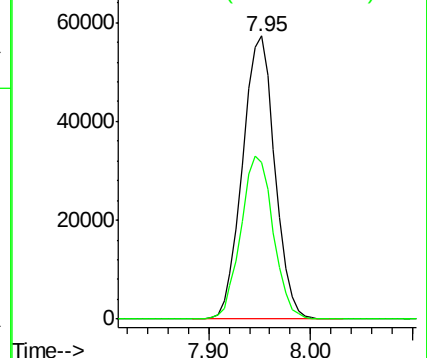
168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 9.828 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.00 min

Lab File: VW003857.D

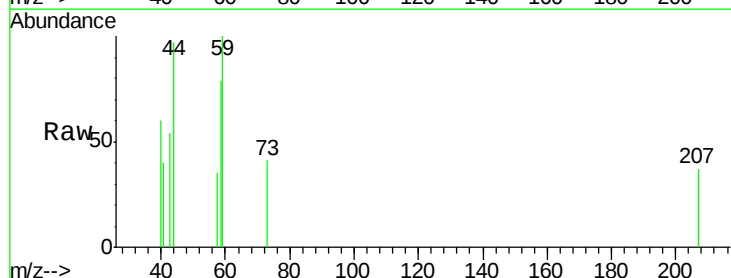
Acq: 11 Jul 2018 06:48

Tgt Ion: 59 Resp: 878

Ion Ratio Lower Upper

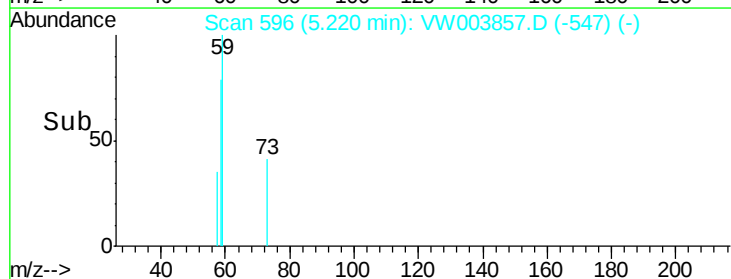
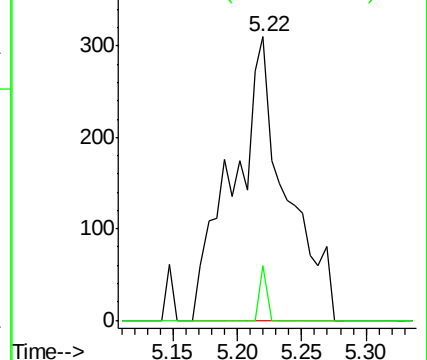
59 100

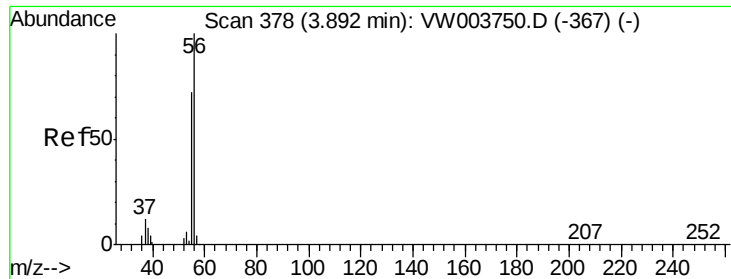
57 2.5 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 5.198 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

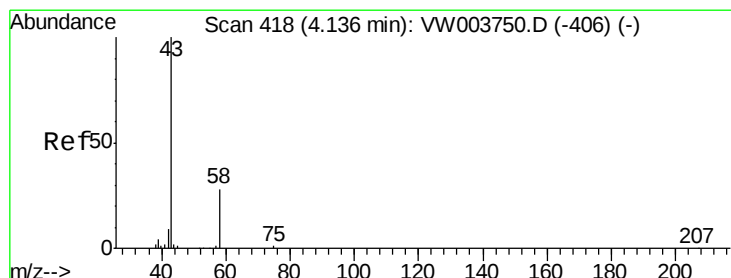
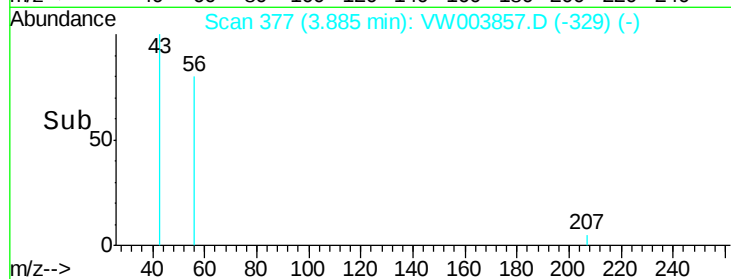
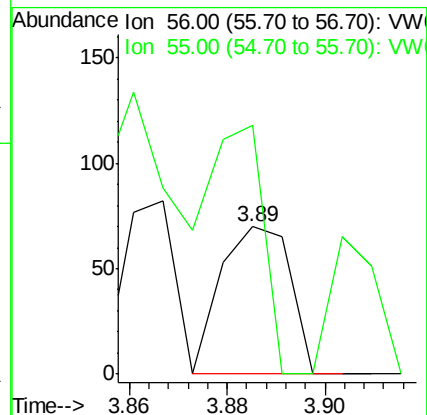
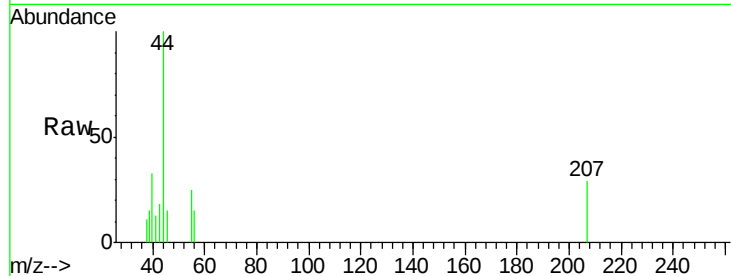
NEMH

Tot Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

55 60.9 57.5 86.3



#16

Acetone

Concen: 212.905 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003857.D

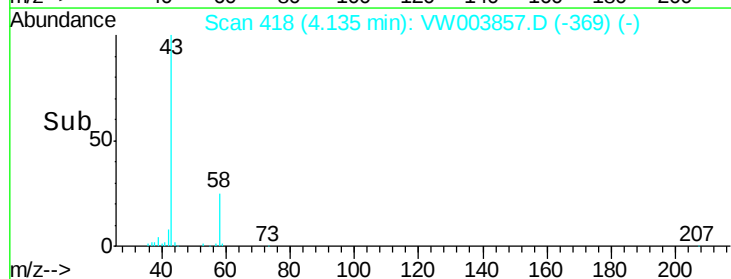
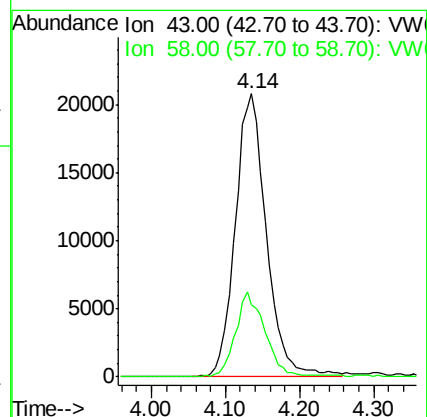
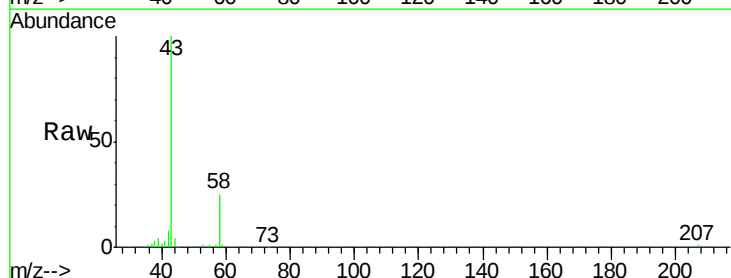
Acq: 11 Jul 2018 06:48

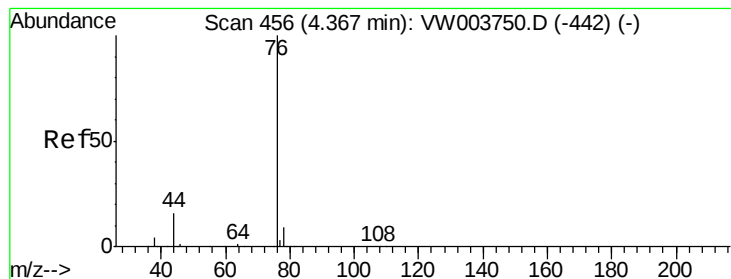
Tgt Ion: 43 Resp: 60893

Ion Ratio Lower Upper

43 100

58 25.4 22.6 34.0





#17

Carbon Disulfide

Concen: 2.765 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

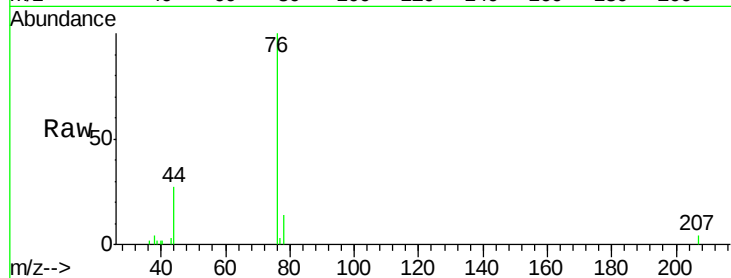
NEMH

Tot Ion: 76 Resp: 10734

Ion Ratio Lower Upper

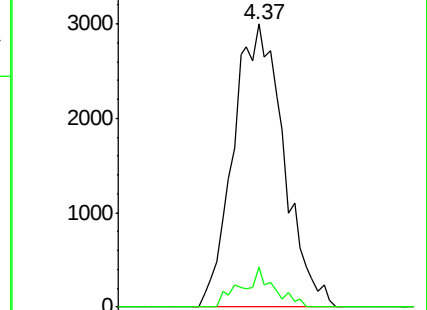
76 100

78 14.1 7.4 11.2#

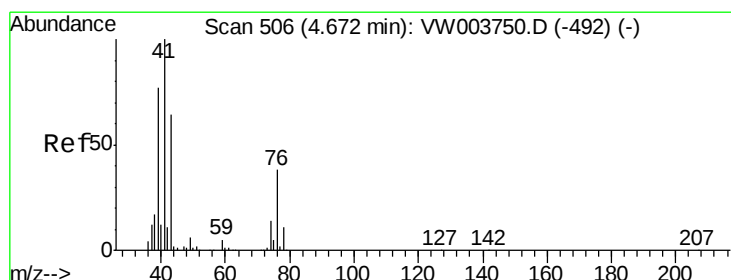
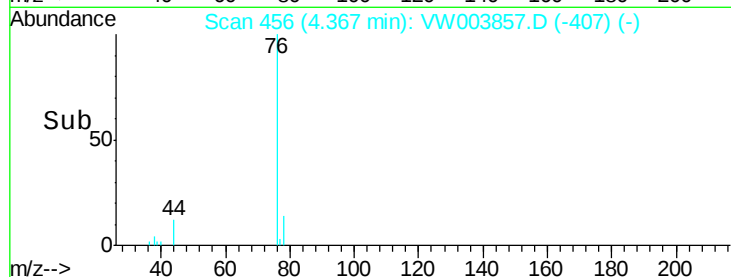


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 1.358 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW003857.D

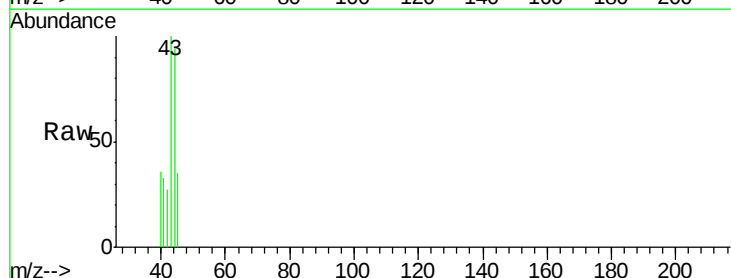
Acq: 11 Jul 2018 06:48

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

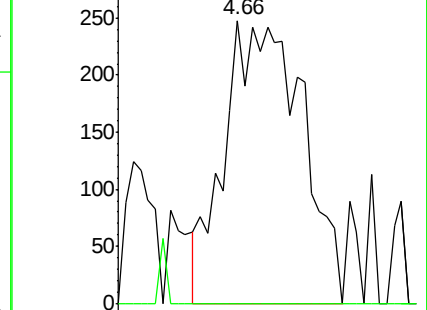
43 100

74 0.0 17.3 25.9#

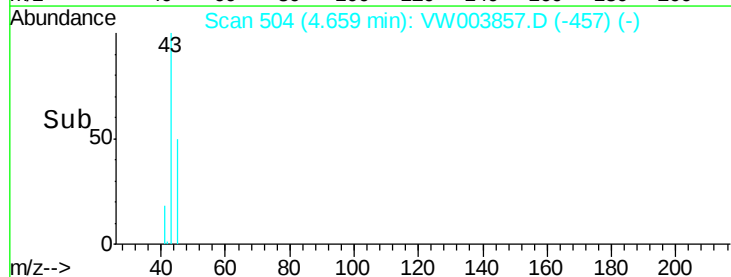


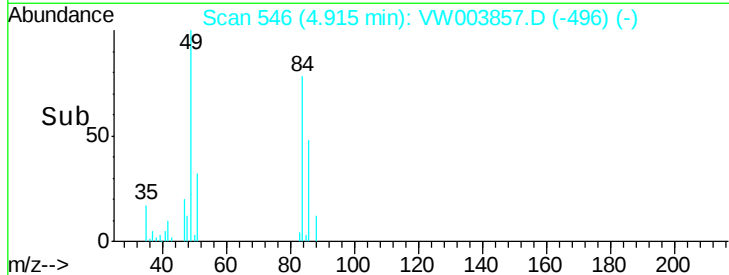
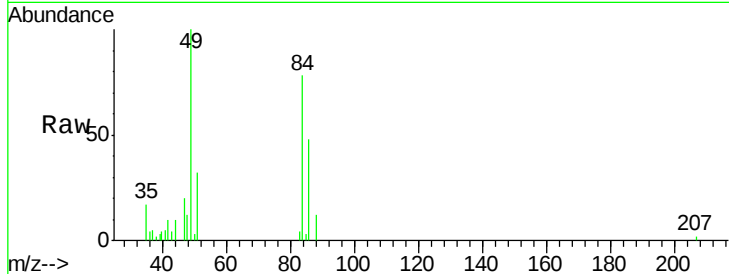
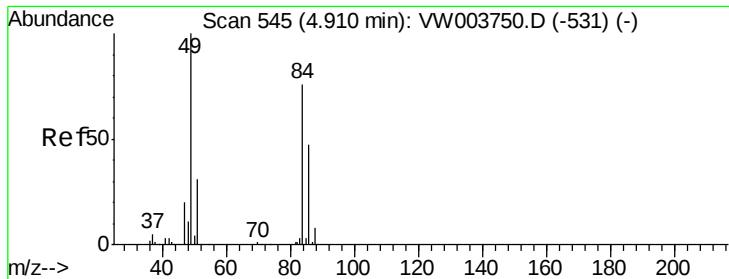
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->

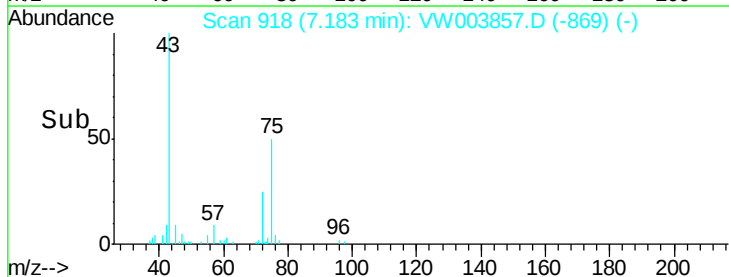
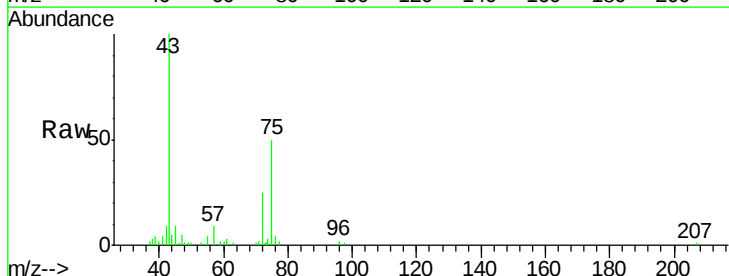
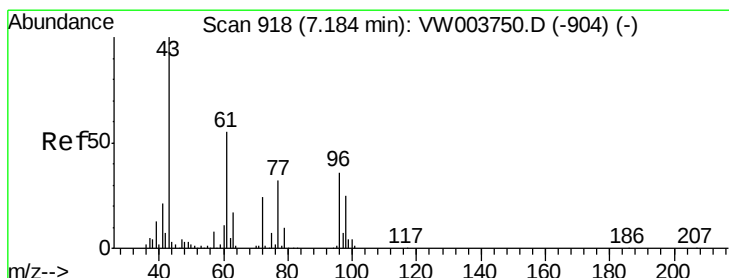
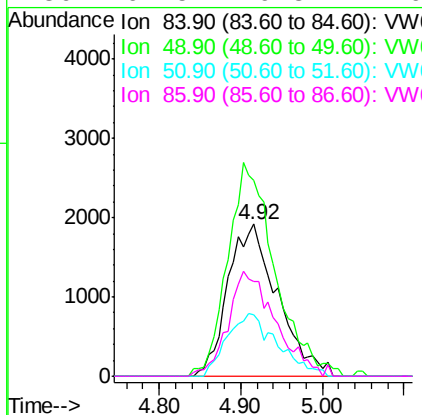




#20
Methvlene Chloride
Concen: 1.549 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

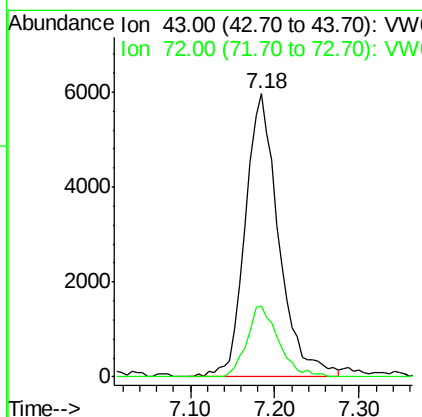
Instrument :
MSVOA_W
ClientSampled :
NEMH

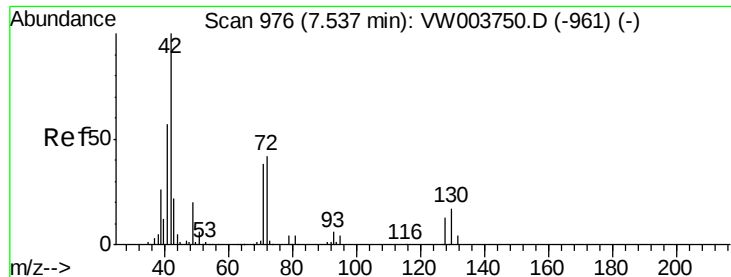
Tot Ion: 84 Resp: 8081
Ion Ratio Lower Upper
84 100
49 128.8 105.1 157.7
51 40.9 32.5 48.7
86 62.5 49.8 74.6



#25
2-Butanone
Concen: 36.009 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

Tgt Ion: 43 Resp: 16131
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

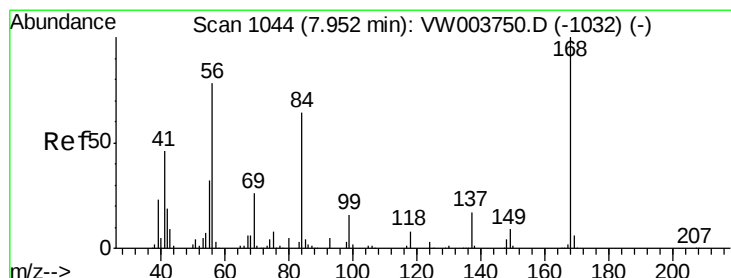
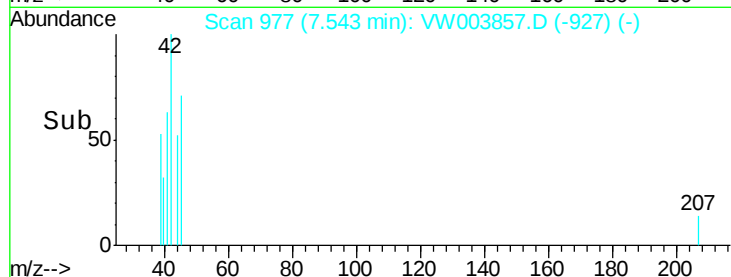
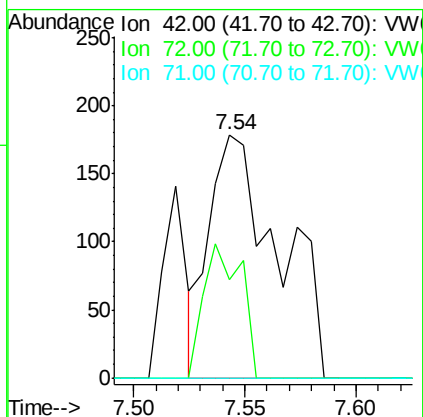
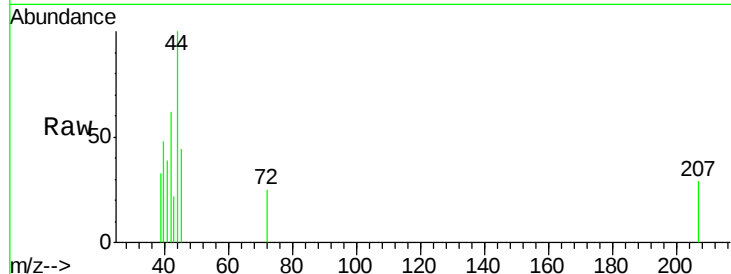




#29
Tetrahydrofuran
Concen: 1.340 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

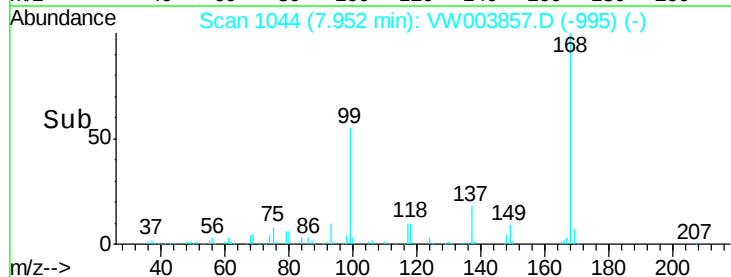
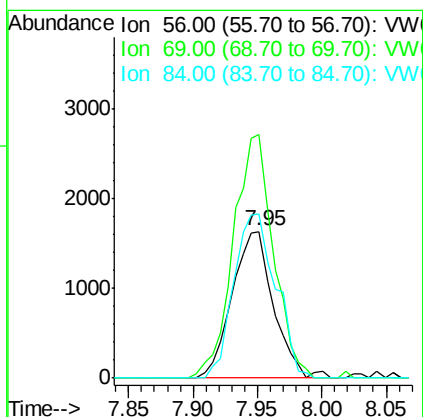
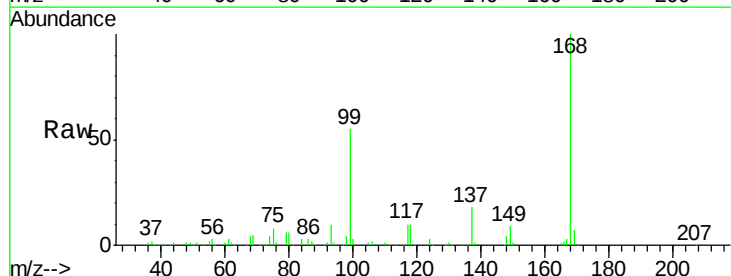
Instrument :
MSVOA_W
ClientSampled :
NEMH

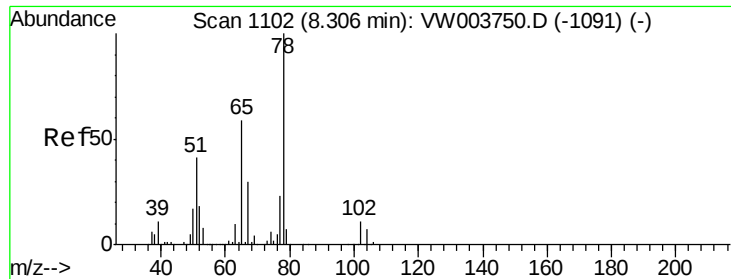
Tot Ion: 42 Resp: 386
Ion Ratio Lower Upper
42 100
72 30.1 31.8 47.8#
71 0.0 30.3 45.5#



#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

Tgt Ion: 56 Resp: 3646
Ion Ratio Lower Upper
56 100
69 166.1 26.2 39.4#
84 112.3 65.5 98.3#





#33

1,2-Dichloroethane-d4

Concen: 32.926 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

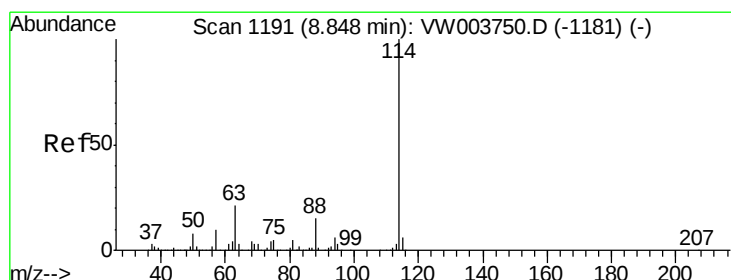
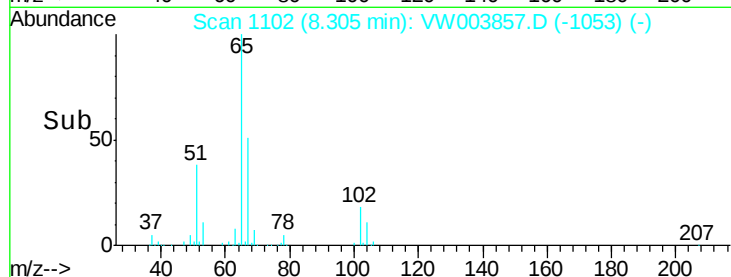
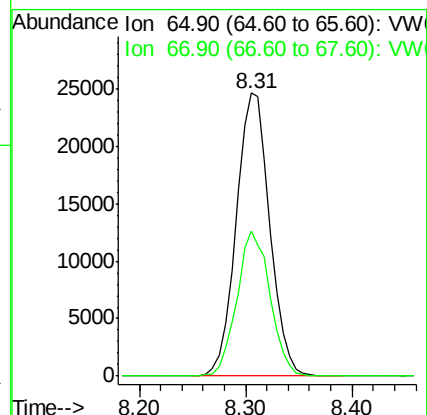
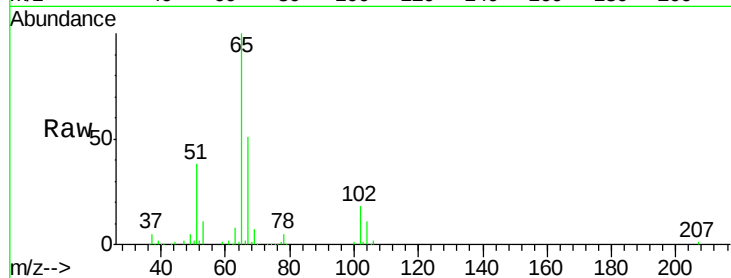
NEMH

Tot Ion: 65 Resp: 54278

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

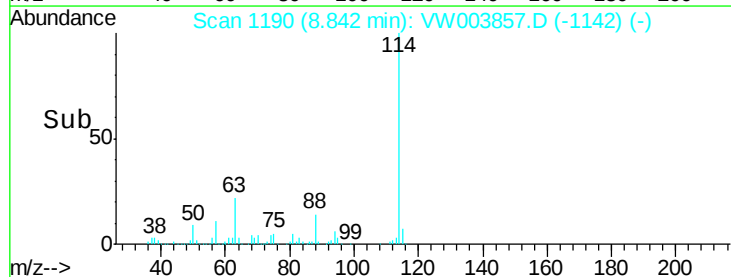
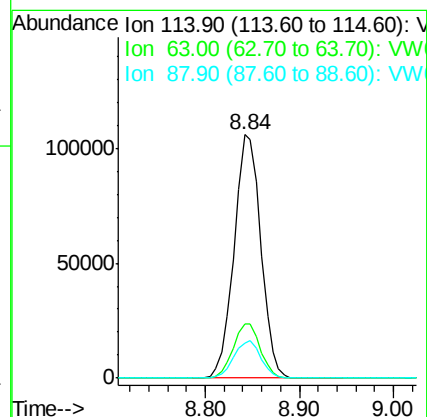
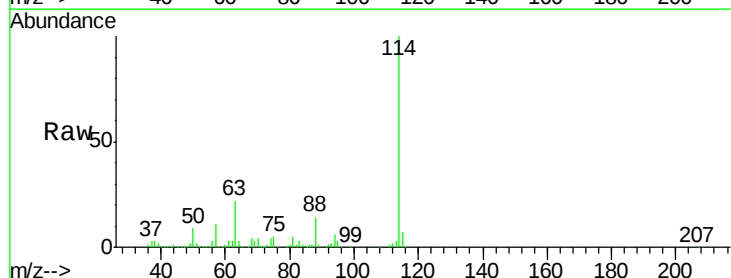
Tgt Ion: 114 Resp: 208877

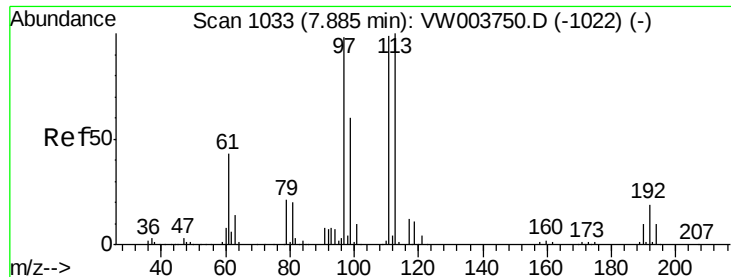
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 14.3 0.0 30.2

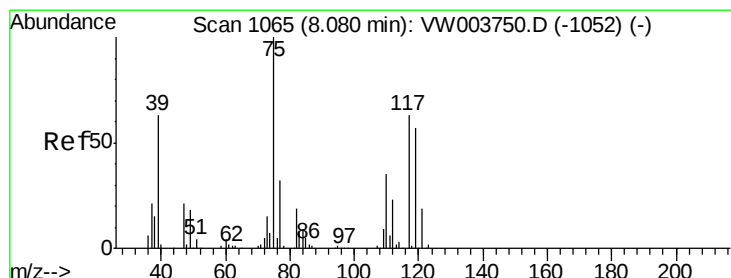
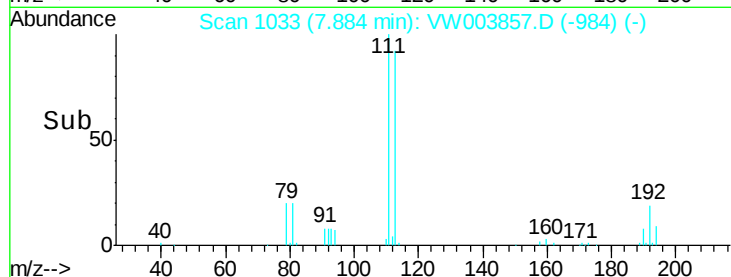
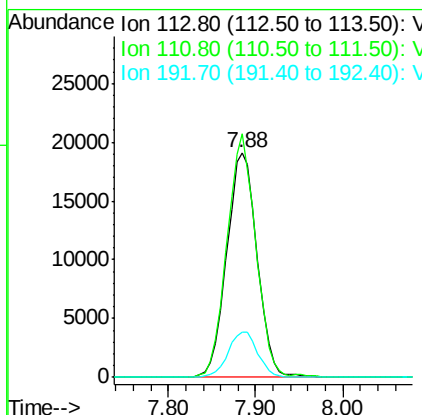
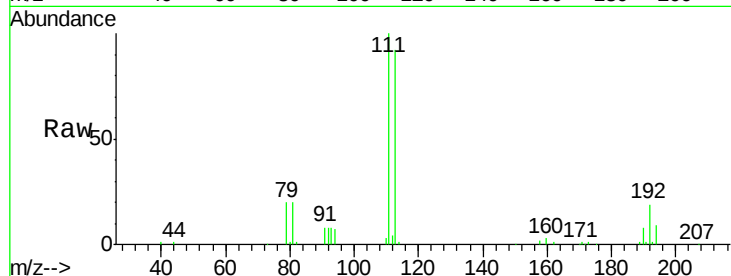




#35
 Dibromofluoromethane
 Concen: 31.486 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003857.D
 Acq: 11 Jul 2018 06:48

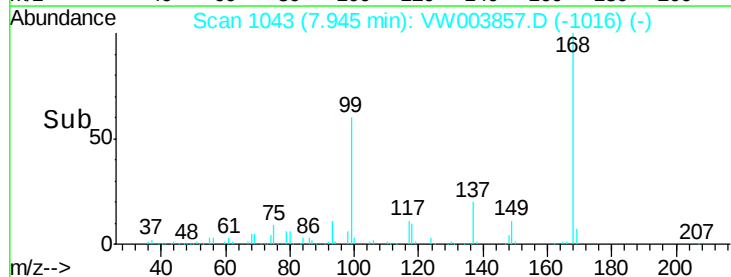
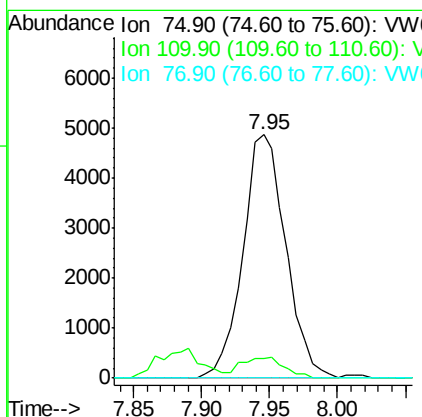
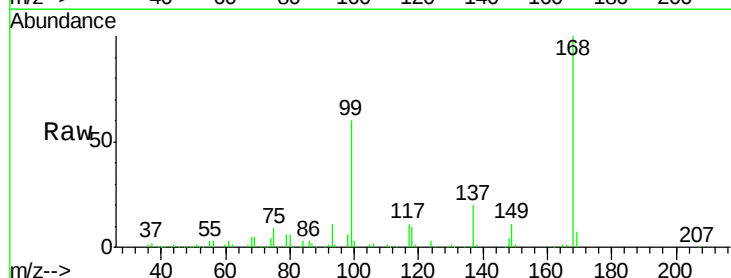
Instrument :
 MSVOA_W
 ClientSampled :
 NEMH

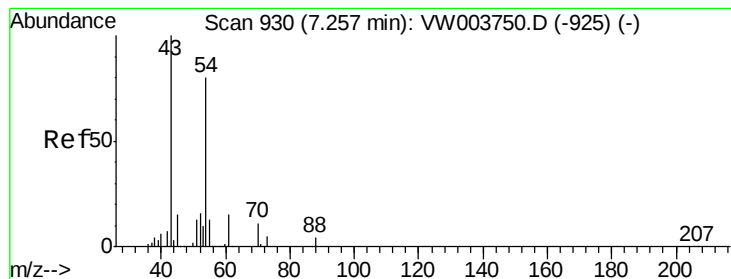
Tot Ion:113 Resp: 46030
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 19.8 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003857.D
 Acq: 11 Jul 2018 06:48

Tgt Ion: 75 Resp: 10724
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.9 50.6#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 14.958 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.07 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

NEMH

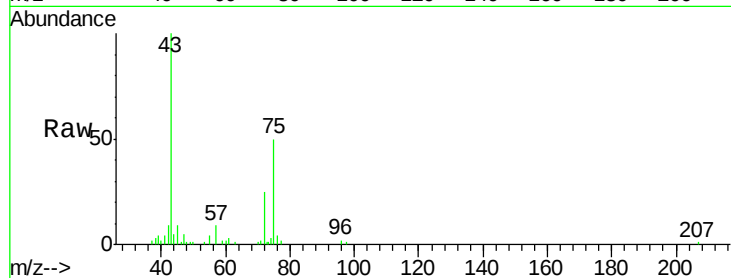
Tot Ion: 43 Resp: 16131

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

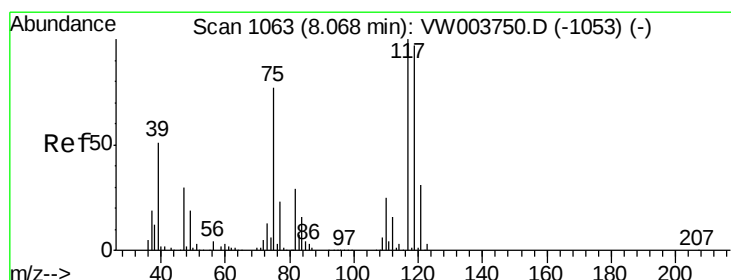
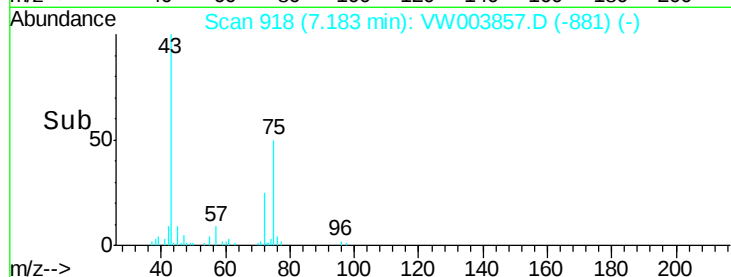
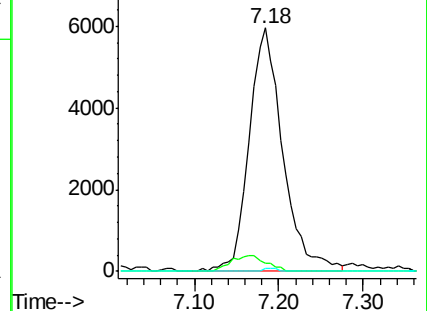
70 0.5 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.318 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

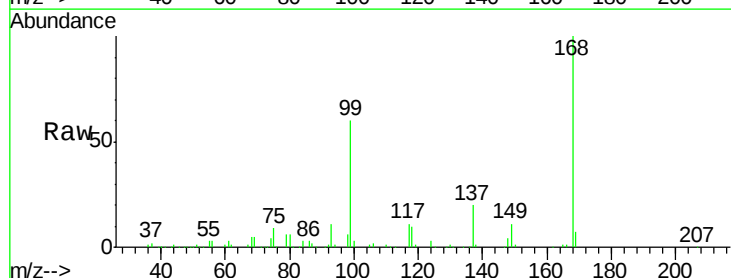
Tgt Ion: 117 Resp: 13313

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.2#

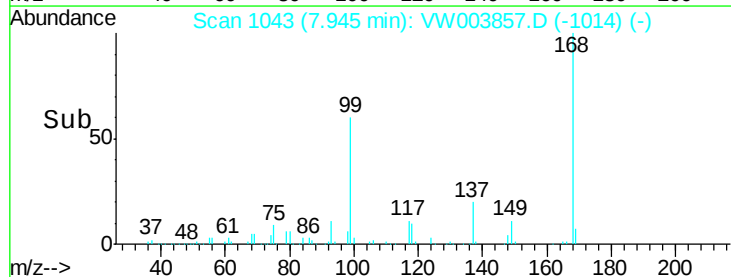
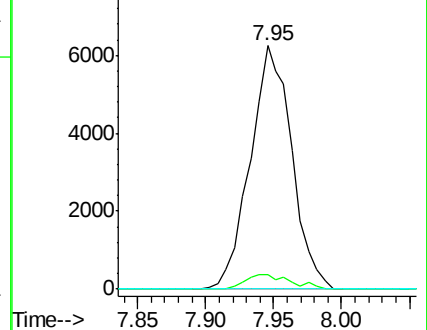
121 0.0 24.6 37.0#

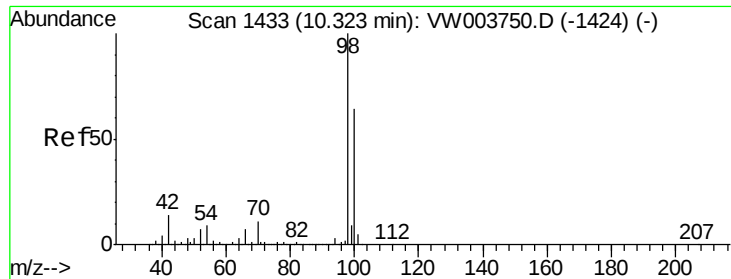


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 22.106 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

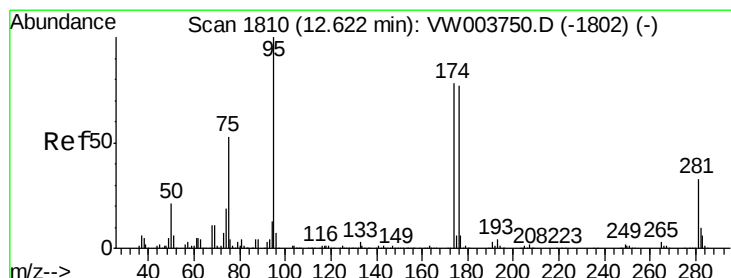
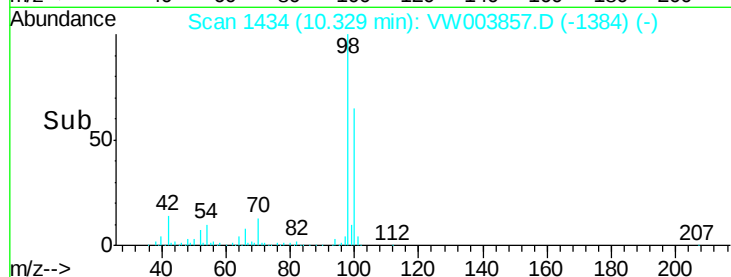
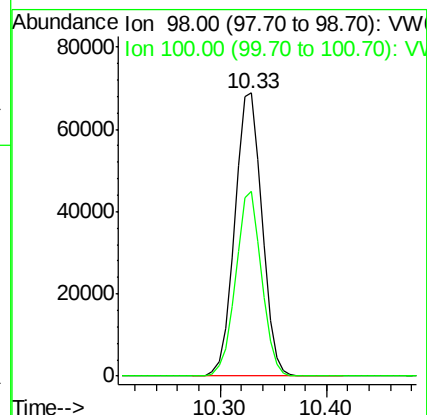
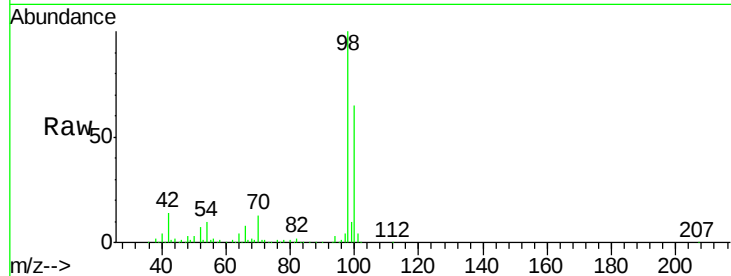
NEMH

Tot Ion: 98 Resp: 123619

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 13.573 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

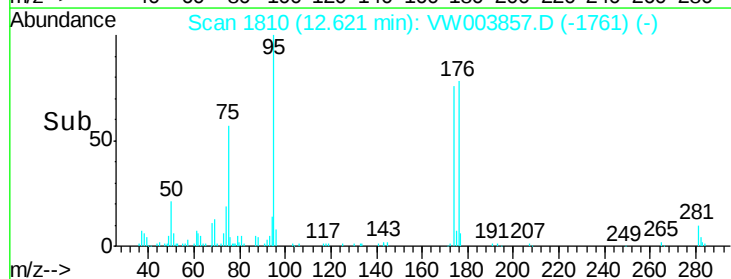
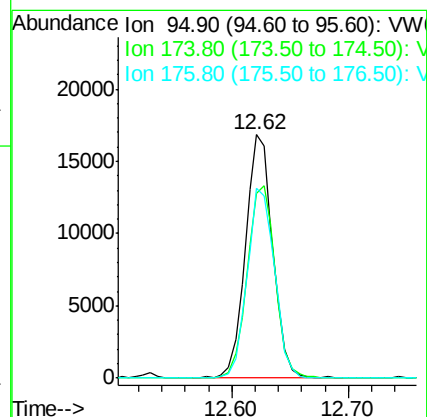
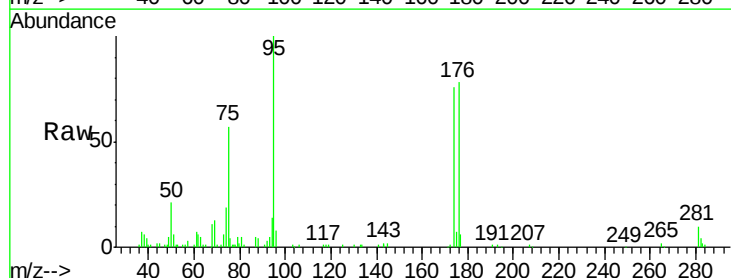
Tgt Ion: 95 Resp: 27462

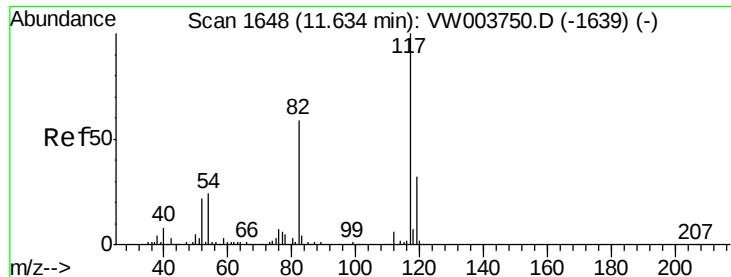
Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.4

176 78.3 0.0 156.8

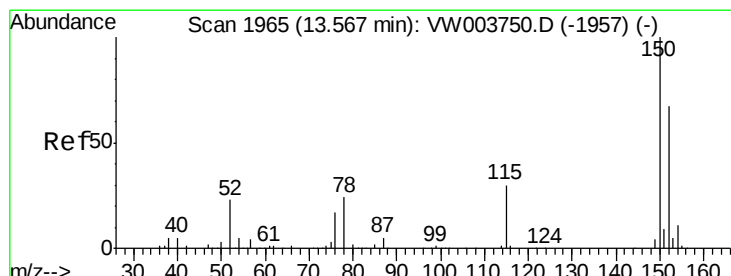
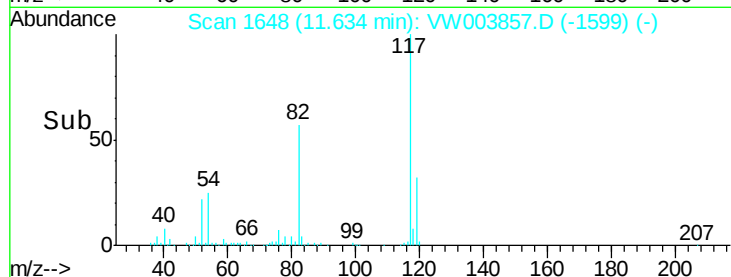
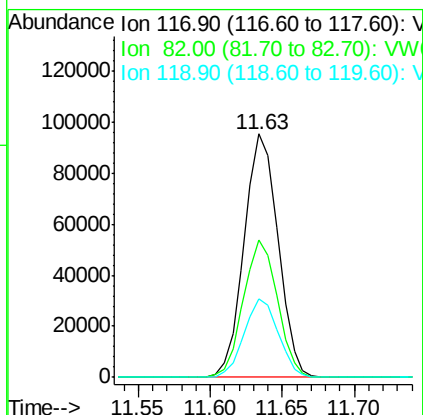
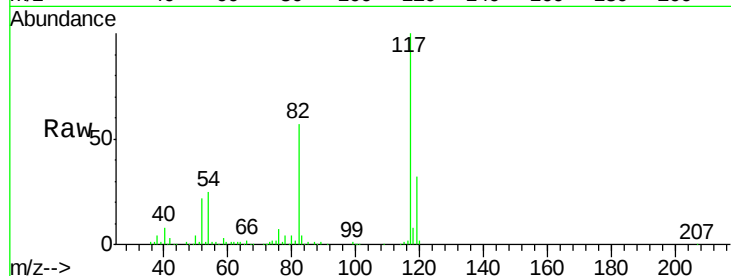




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

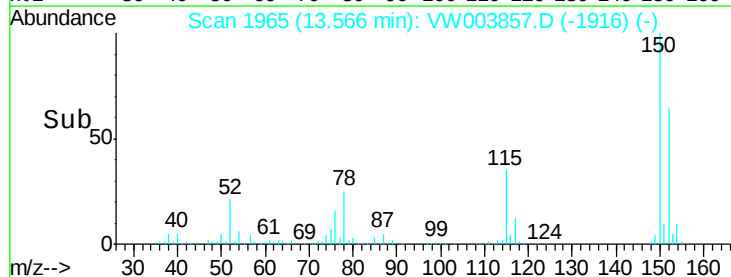
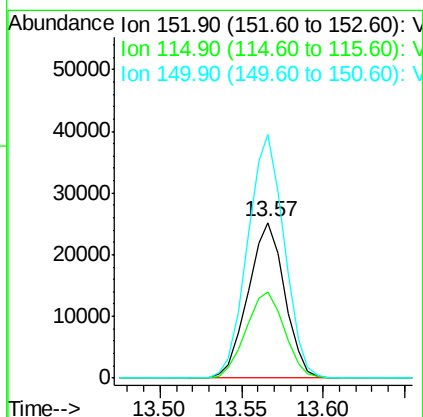
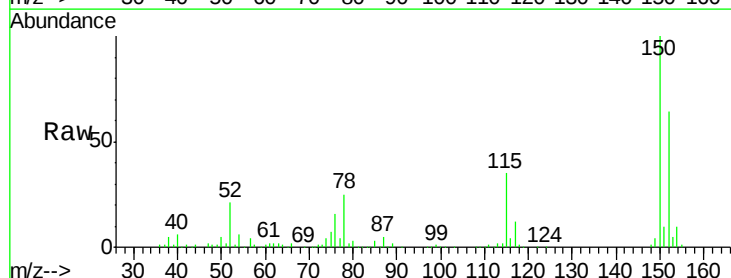
Instrument :
MSVOA_W
ClientSampleId :
NEMH

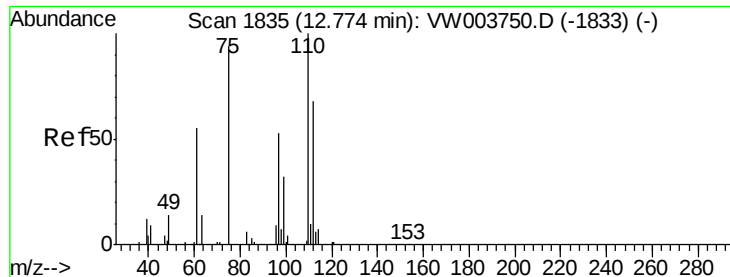
Tot Ion:117 Resp: 155754
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

Tgt Ion:152 Resp: 39410
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 156.4 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 38.589 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

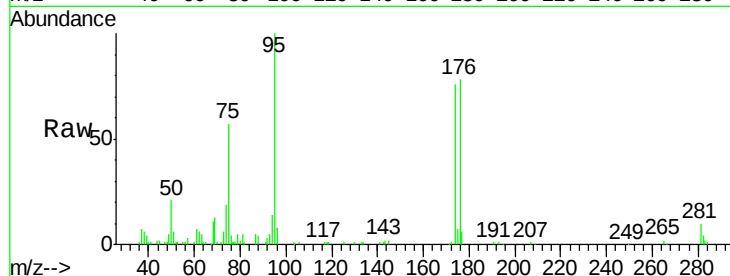
NEMH

Tot Ion: 75 Resp: 14934

Ion Ratio Lower Upper

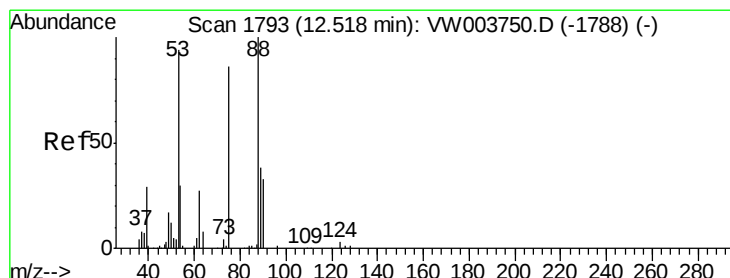
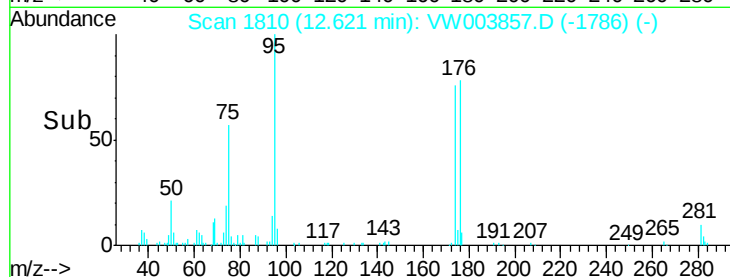
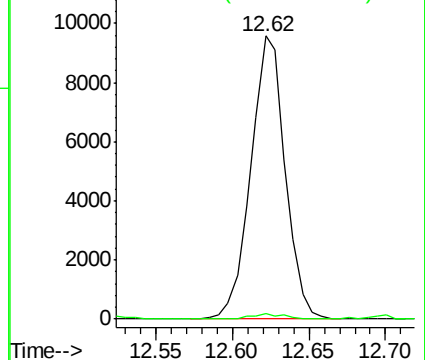
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 94.398 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

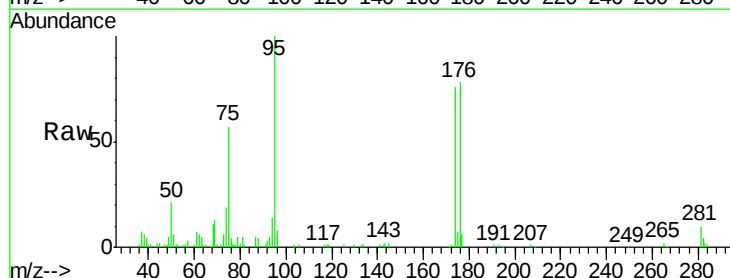
Tgt Ion: 75 Resp: 14934

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

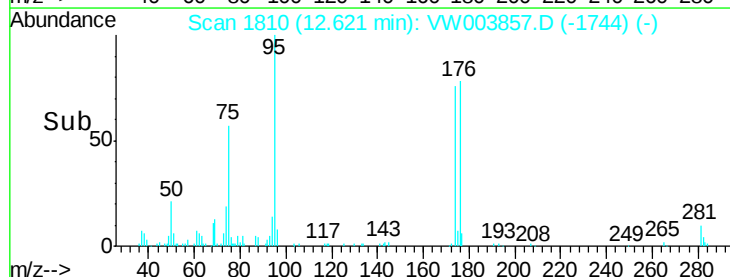
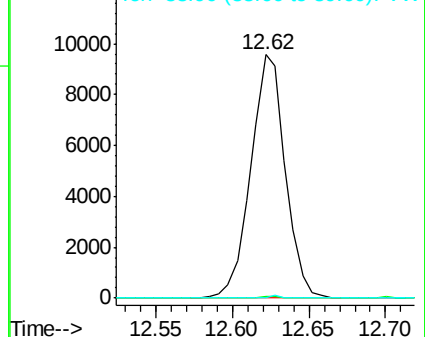
89 0.2 36.3 54.5#

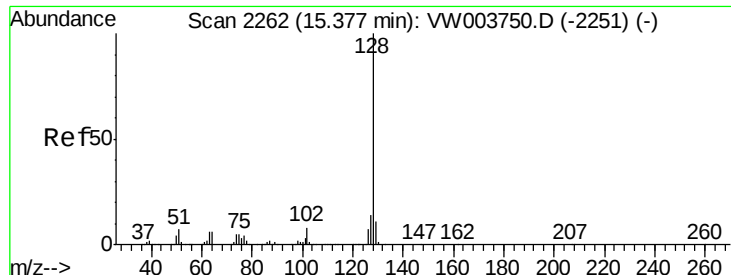


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 1.366 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

NEMH

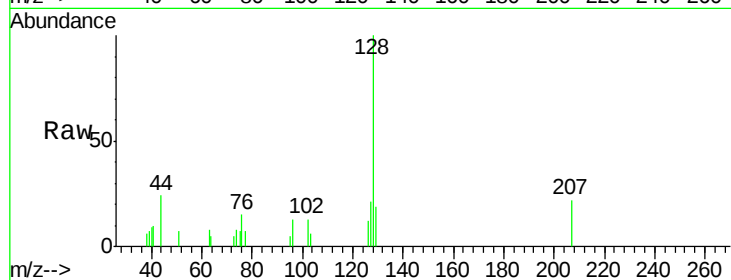
Tot Ion:128 Resp: 1997

Ion Ratio Lower Upper

128 100

127 15.2 10.8 16.2

129 15.8 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

