

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004164.D
 Acq On : 24 Jul 2018 04:37
 Operator : SY/AP
 Sample : J4036-03
 Misc : 8.20G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:10:19 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	129181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	215666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65680	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	92969	64.38	ug/l	0.00
Spiked Amount			Recovery	=	128.76%	
35) Dibromofluoromethane	7.88	113	78366	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	
50) Toluene-d8	10.33	98	95920	17.86	ug/l	0.00
Spiked Amount			Recovery	=	35.72%	
62) 4-Bromofluorobenzene	12.62	95	56405	29.13	ug/l	0.00
Spiked Amount			Recovery	=	58.26%	

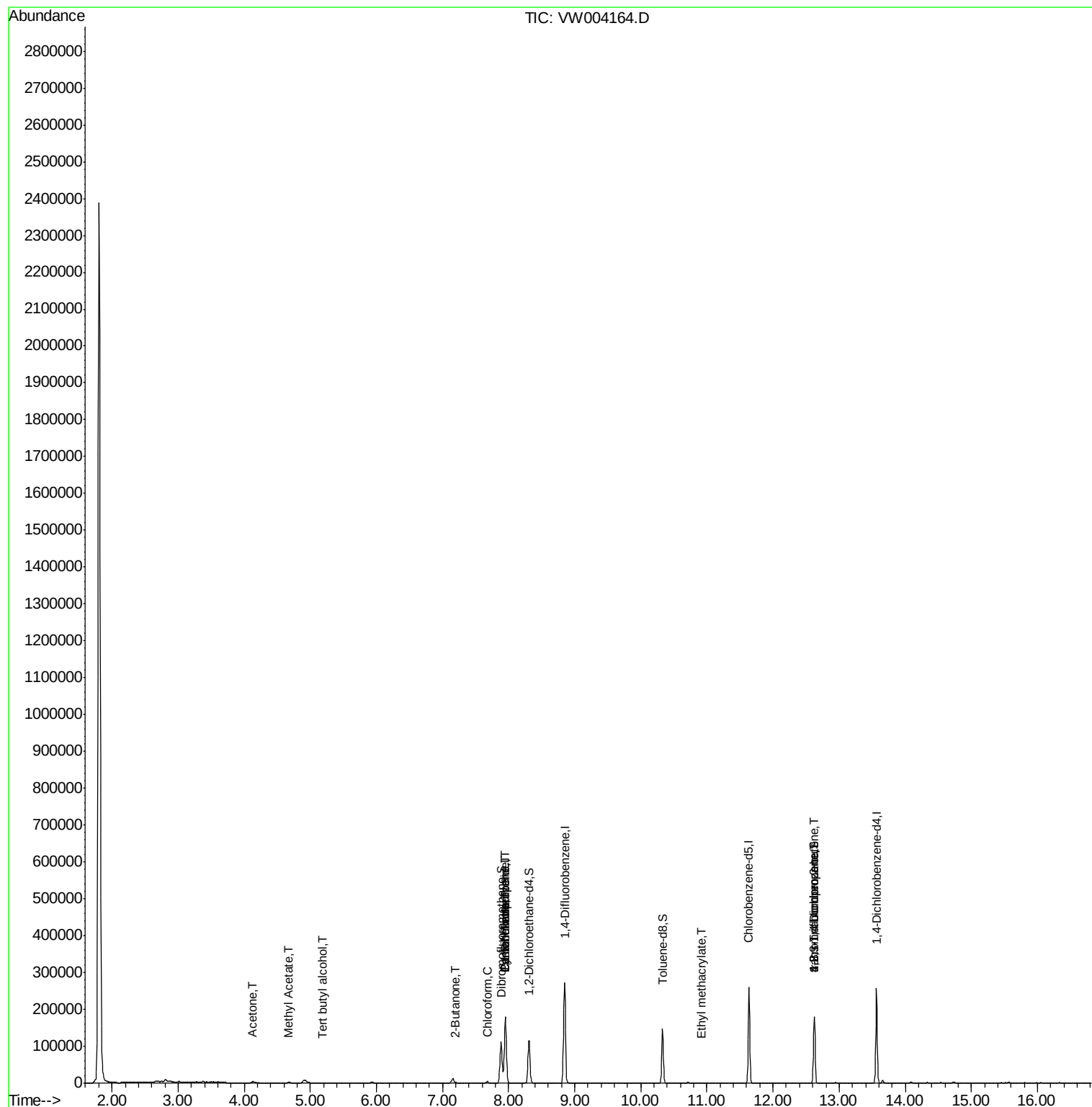
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	309	3.100	ug/l #	72
16) Acetone	4.13	43	6593	19.001	ug/l	91
18) Methyl Acetate	4.67	43	3017	3.622	ug/l #	89
20) Methylene Chloride	4.92	84	7918	Below Cal		93
25) 2-Butanone	7.20	43	544	1.165	ug/l #	51
30) Chloroform	7.68	83	3374	1.327	ug/l	89
31) Cyclohexane	7.95	56	3383	1.412	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	11783	5.310	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13338	6.433	ug/l #	19
56) Ethyl methacrylate	10.91	69	22	2.959	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	30044	46.076	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30044	101.919	ug/l #	11

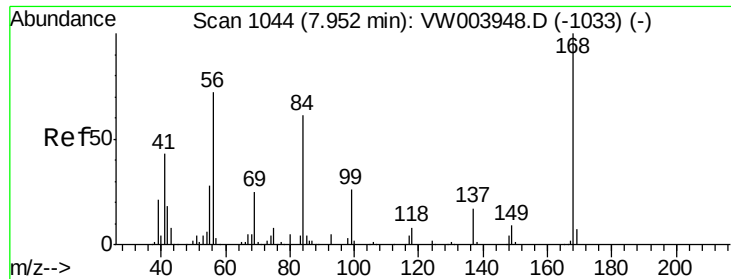
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

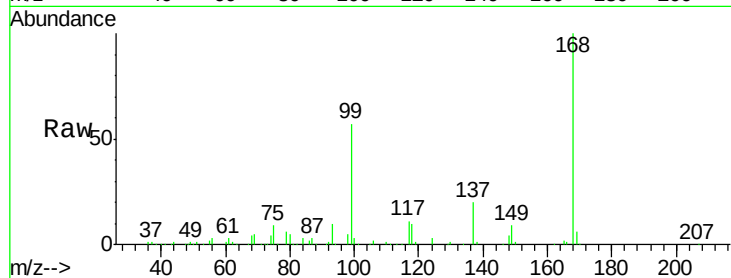
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 129181

Ion Ratio Lower Upper

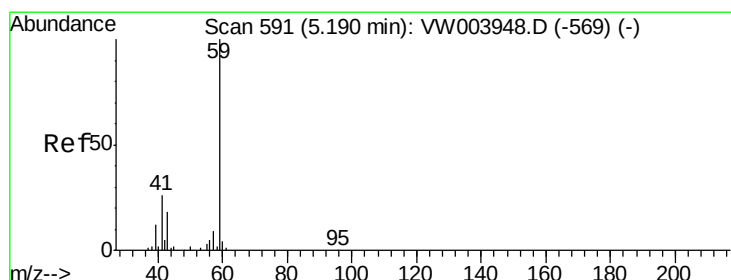
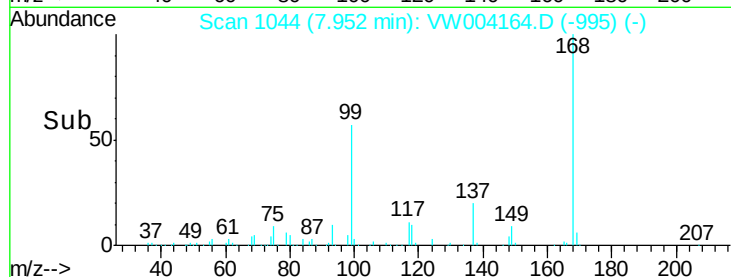
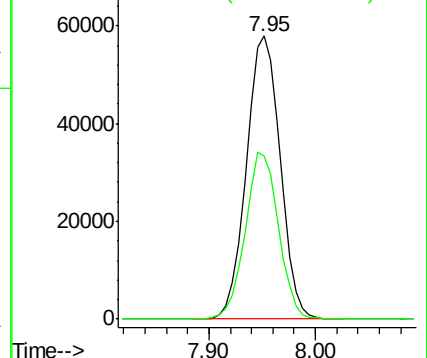
168 100

99 57.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.100 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW004164.D

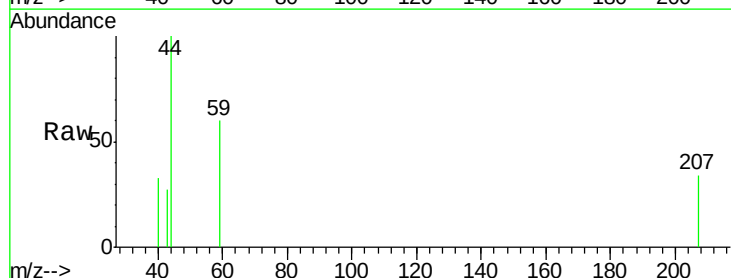
Acq: 24 Jul 2018 04:37

Tgt Ion: 59 Resp: 309

Ion Ratio Lower Upper

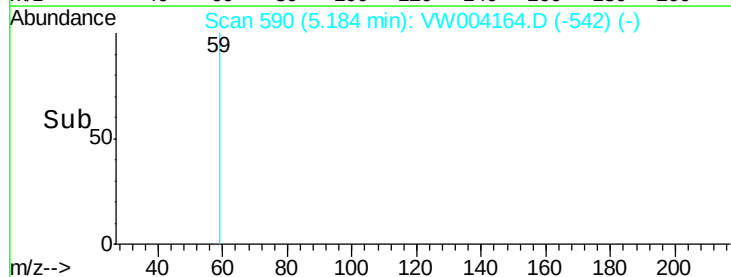
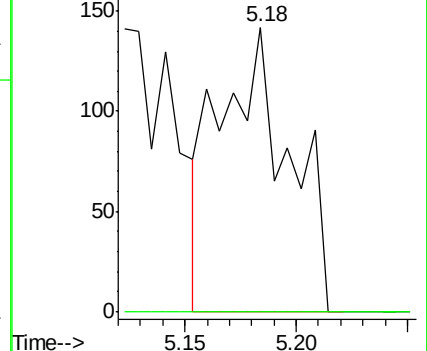
59 100

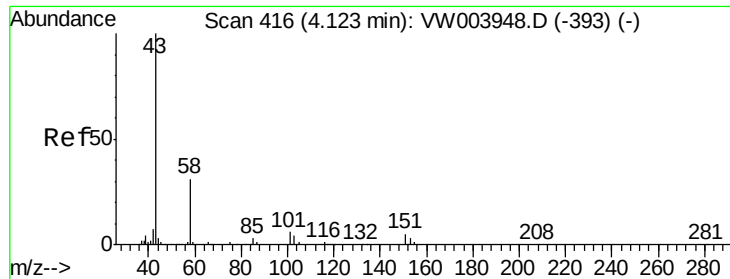
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 19.001 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

Instrument :

MSVOA_W

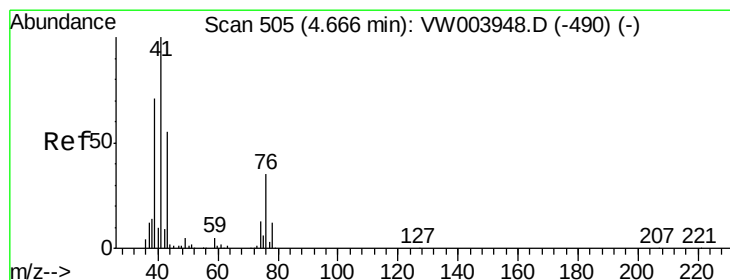
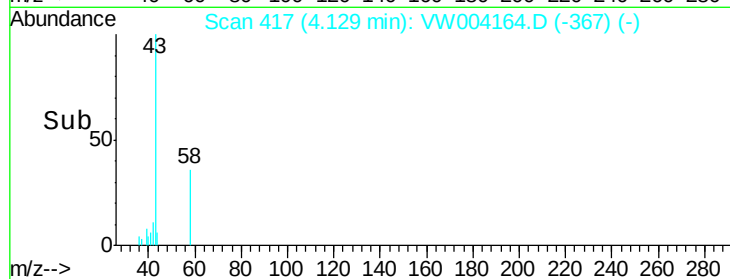
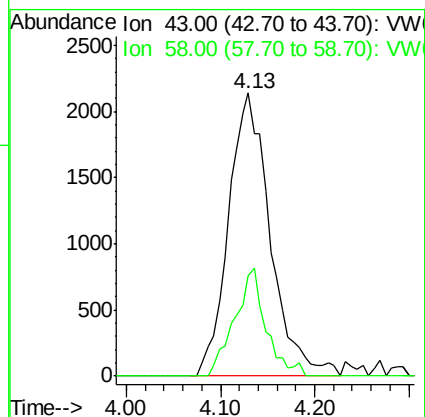
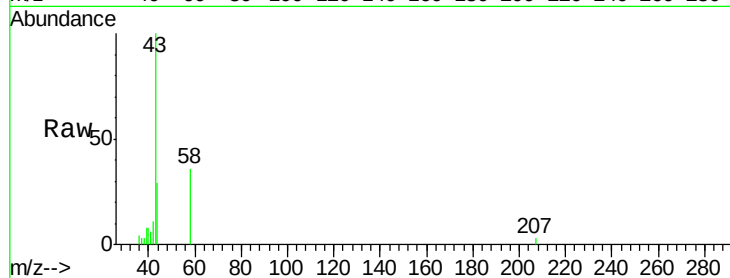
ClientSampleId :

Tot Ion: 43 Resp: 6593

Ion Ratio Lower Upper

43 100

58 35.7 24.5 36.7



#18

Methyl Acetate

Concen: 3.622 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004164.D

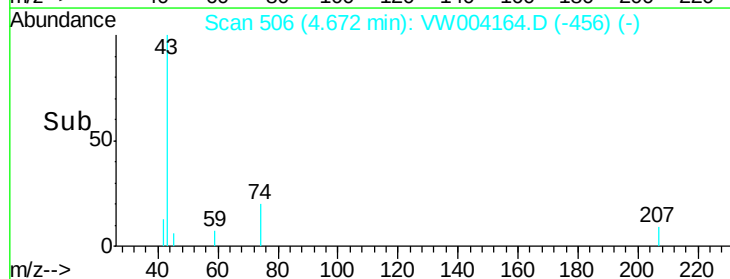
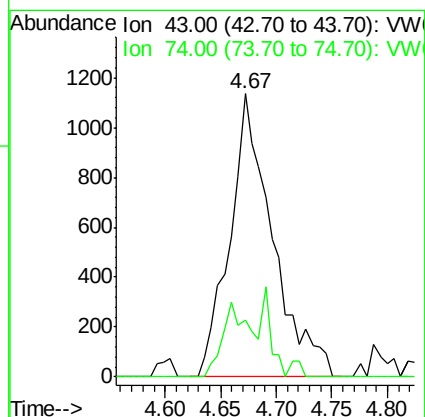
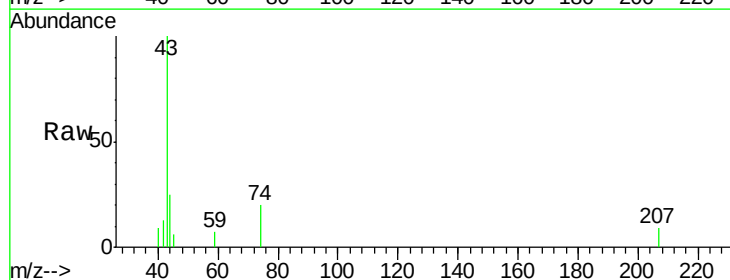
Acq: 24 Jul 2018 04:37

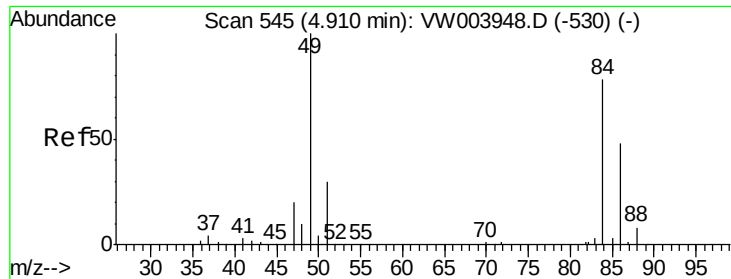
Tgt Ion: 43 Resp: 3017

Ion Ratio Lower Upper

43 100

74 17.0 17.7 26.5#

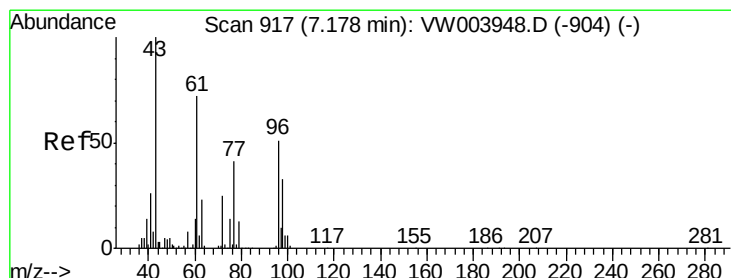
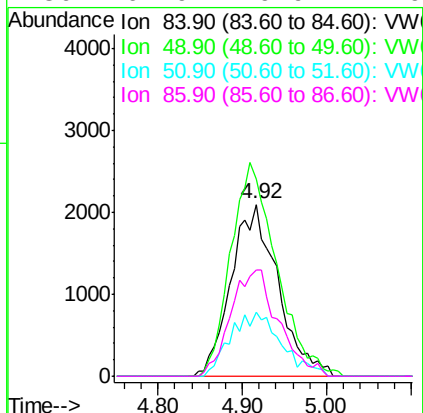
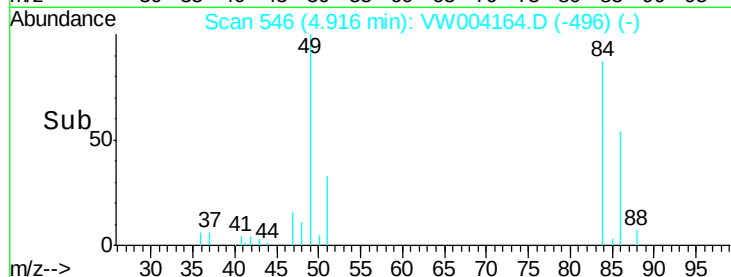
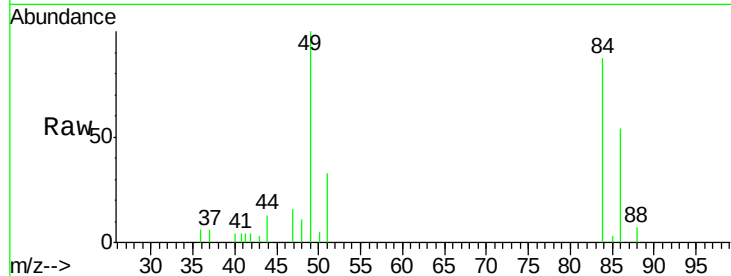




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004164.D
Acq: 24 Jul 2018 04:37

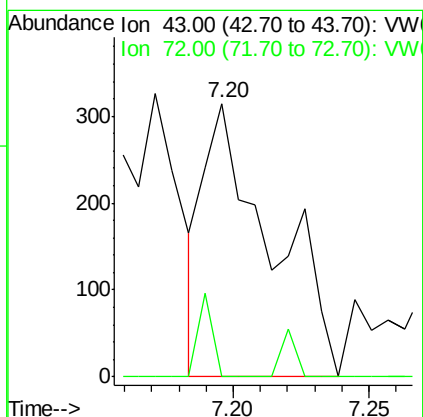
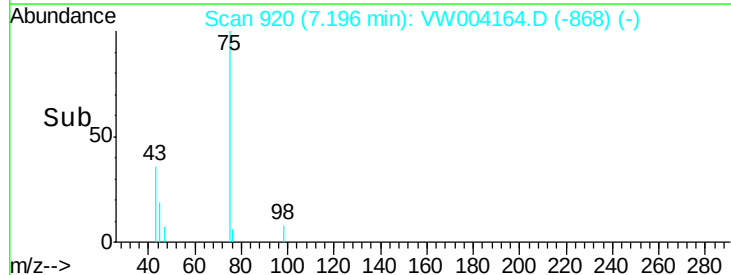
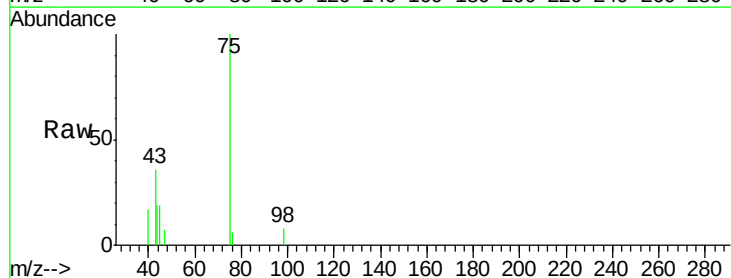
Instrument :
MSVOA_W
ClientSampleId :

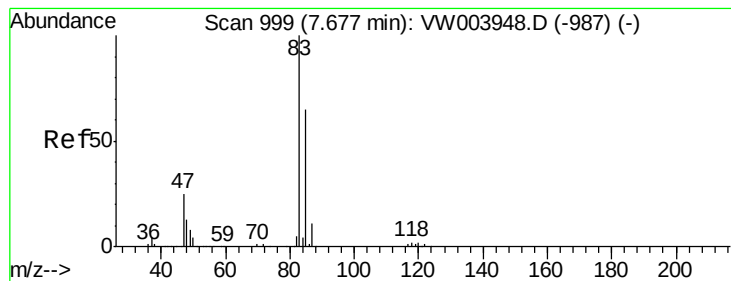
Tot Ion: 84 Resp: 7918
Ion Ratio Lower Upper
84 100
49 114.7 102.9 154.3
51 37.3 30.9 46.3
86 61.9 49.9 74.9



#25
2-Butanone
Concen: 1.165 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.02 min
Lab File: VW004164.D
Acq: 24 Jul 2018 04:37

Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#





#30

Chloroform

Concen: 1.327 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

Instrument :

MSVOA_W

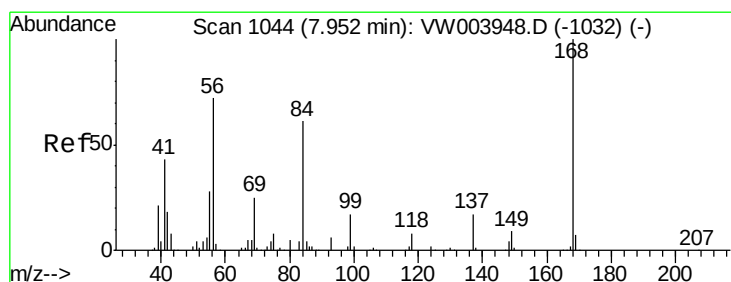
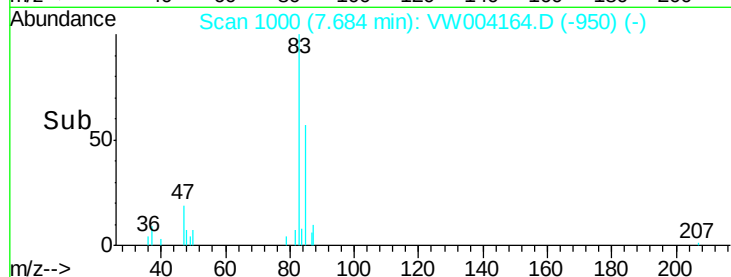
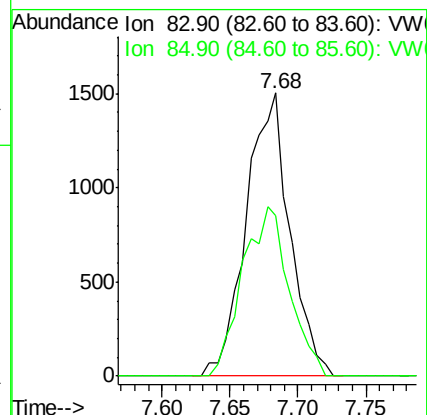
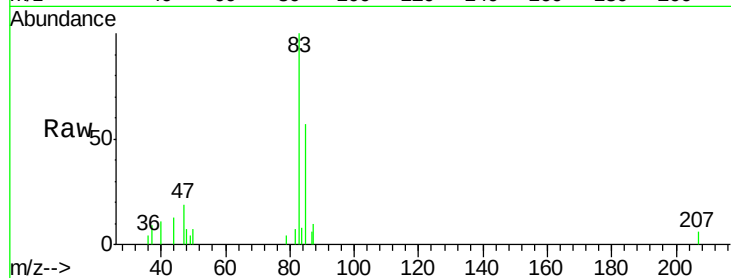
ClientSampleId :

Tot Ion: 83 Resp: 3374

Ion Ratio Lower Upper

83 100

85 56.8 52.2 78.4



#31

Cyclohexane

Concen: 1.412 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

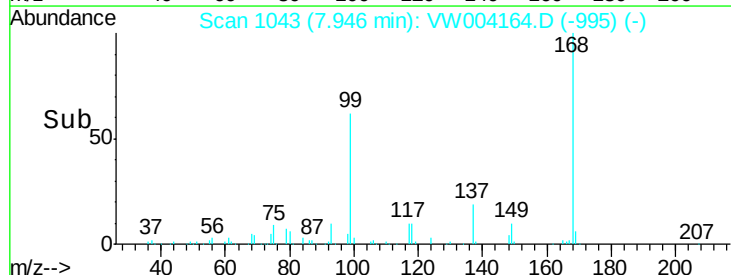
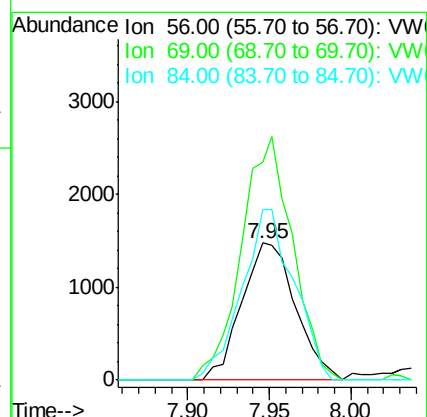
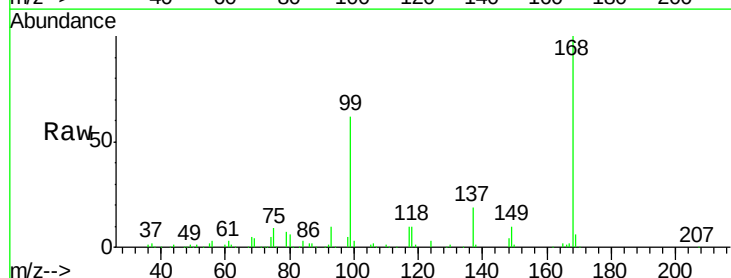
Tgt Ion: 56 Resp: 3383

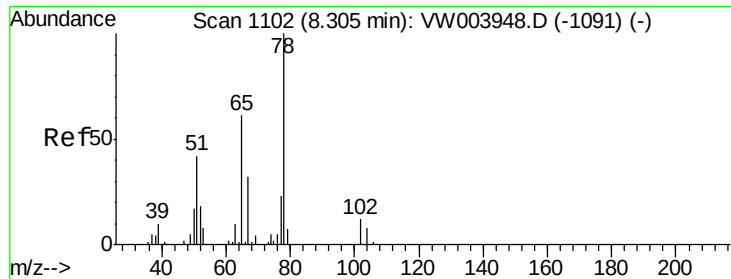
Ion Ratio Lower Upper

56 100

69 159.1 27.8 41.8#

84 125.0 67.2 100.8#

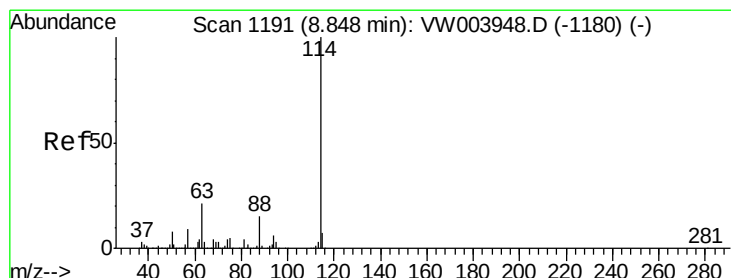
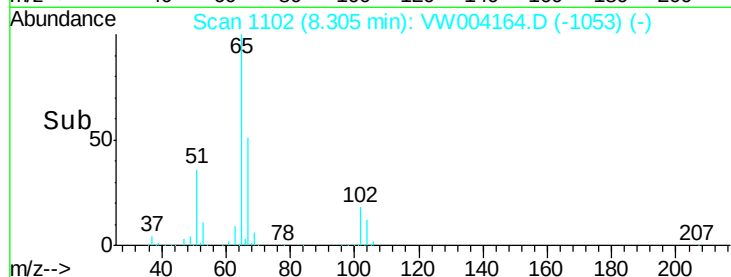
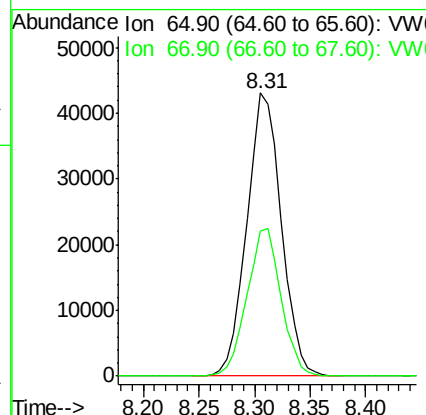
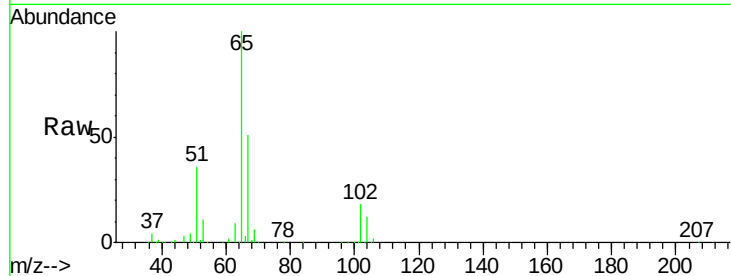




#33
 1,2-Dichloroethane-d4
 Concen: 64.384 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004164.D
 Acq: 24 Jul 2018 04:37

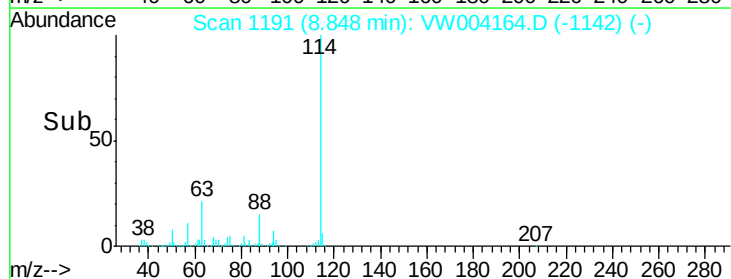
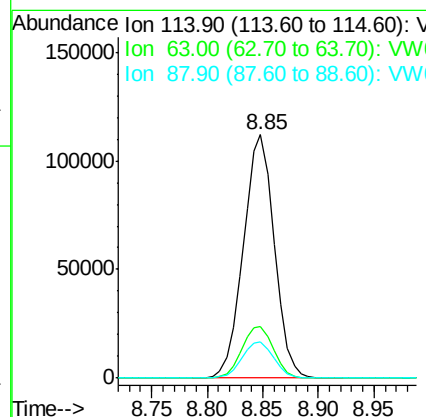
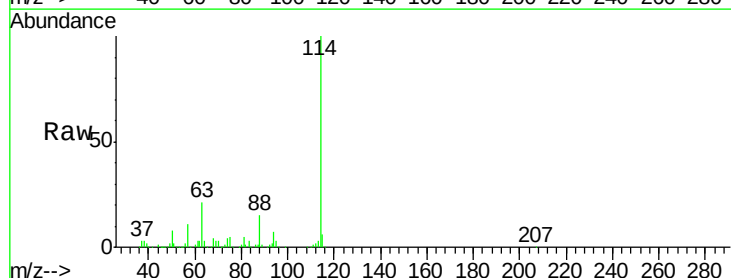
Instrument :
 MSVOA_W
 ClientSampleId :

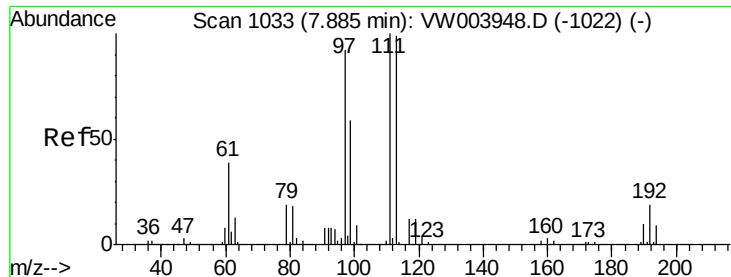
Tot Ion: 65 Resp: 92969
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004164.D
 Acq: 24 Jul 2018 04:37

Tgt Ion: 114 Resp: 215666
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.1 0.0 30.4

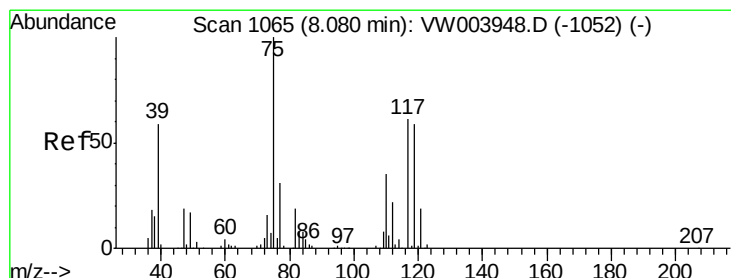
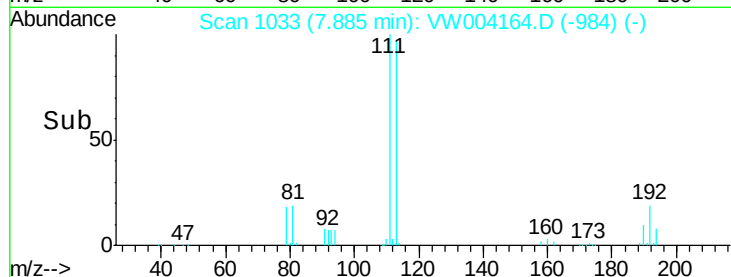
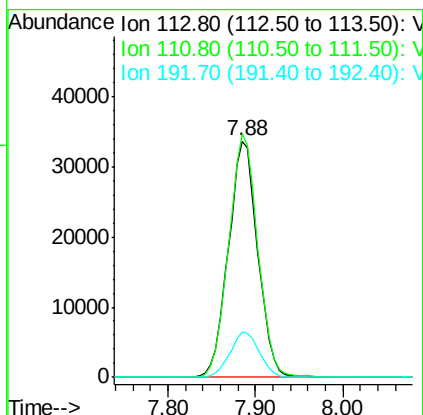
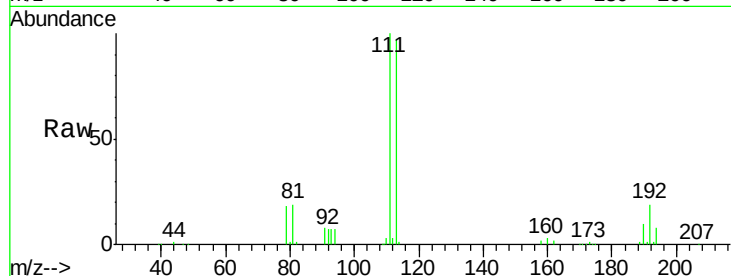




#35
 Dibromofluoromethane
 Concen: 56.632 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004164.D
 Acq: 24 Jul 2018 04:37

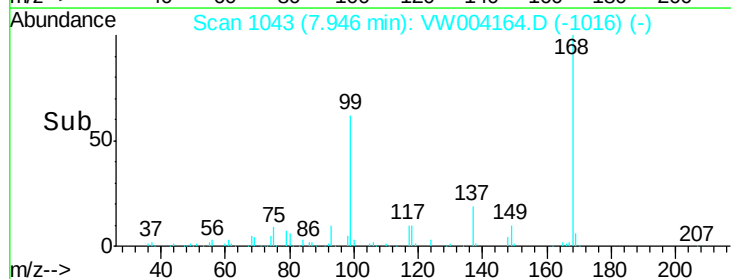
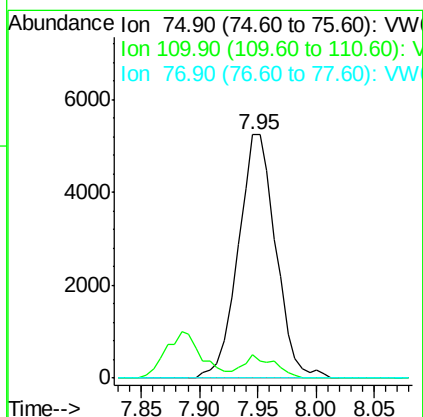
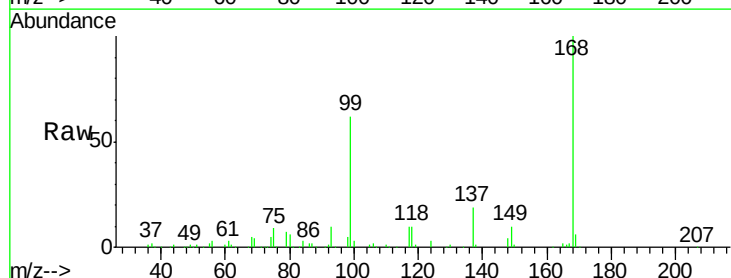
Instrument :
 MSVOA_W
 ClientSampleId :

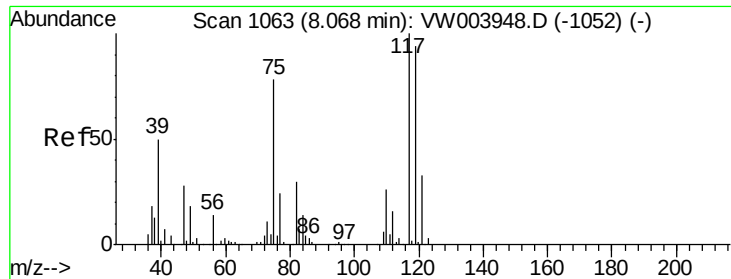
Tot Ion:113 Resp: 78366
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.3 121.9
 192 19.3 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.310 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004164.D
 Acq: 24 Jul 2018 04:37

Tgt Ion: 75 Resp: 11783
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 51.0#
 77 0.0 24.9 37.3#

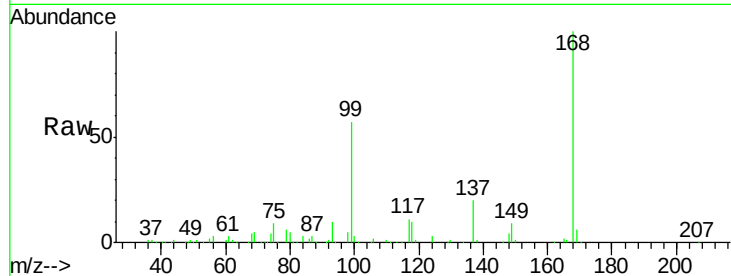




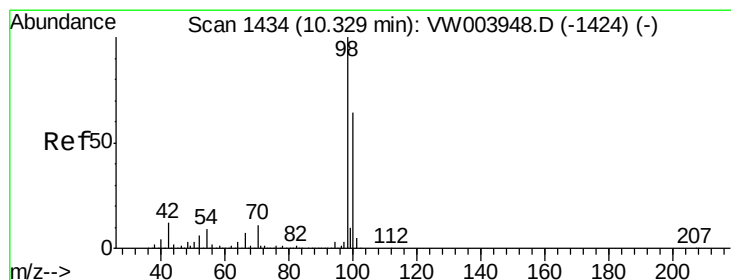
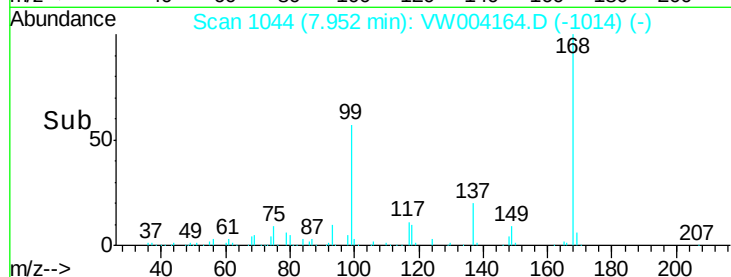
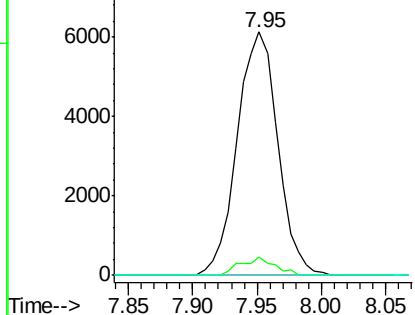
#38
Carbon Tetrachloride
Concen: 6.433 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004164.D
Acq: 24 Jul 2018 04:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 13338
Ion Ratio Lower Upper
117 100
119 7.6 75.3 112.9#
121 0.0 26.0 39.0#

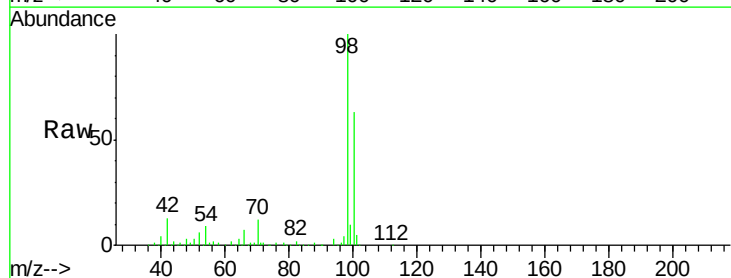


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

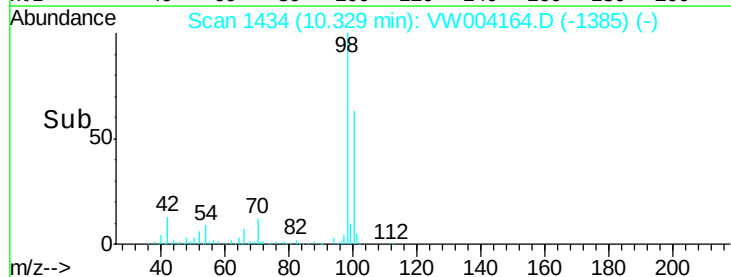
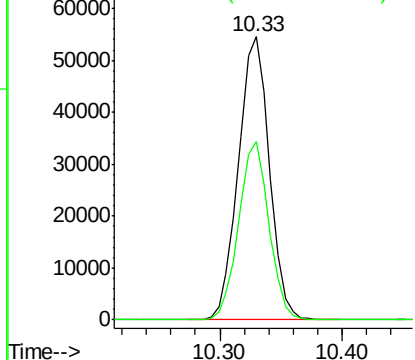


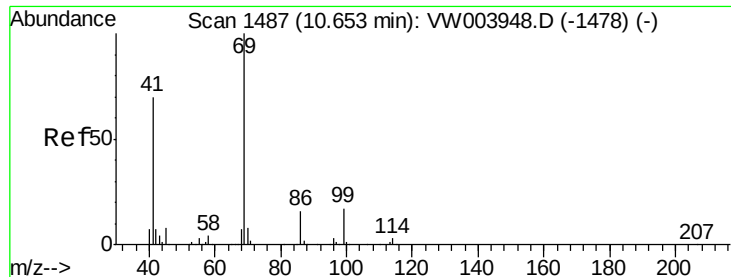
#50
Toluene-d8
Concen: 17.864 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004164.D
Acq: 24 Jul 2018 04:37

Tgt Ion: 98 Resp: 95920
Ion Ratio Lower Upper
98 100
100 61.3 51.2 76.8



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





#56

Ethyl methacrylate

Concen: 2.959 ug/l

RT: 10.91 min Scan# 1530

Delta R.T. 0.26 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

Instrument :

MSVOA_W

ClientSampleId :

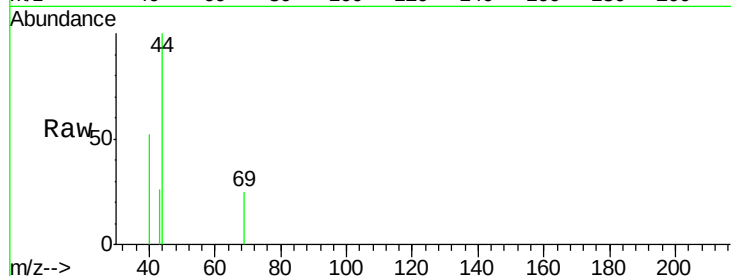
Tot Ion: 69 Resp: 22

Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

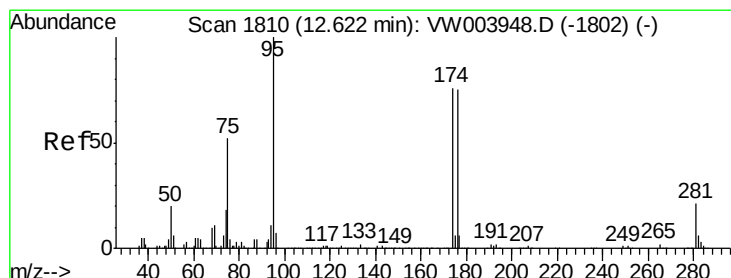
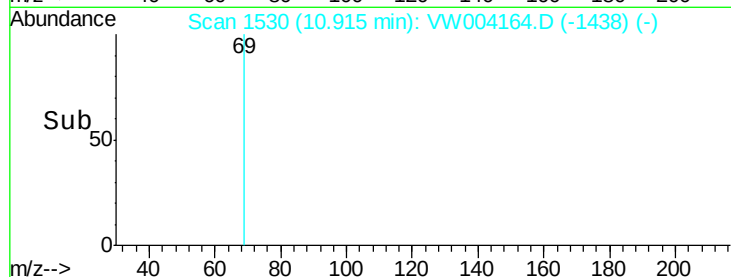
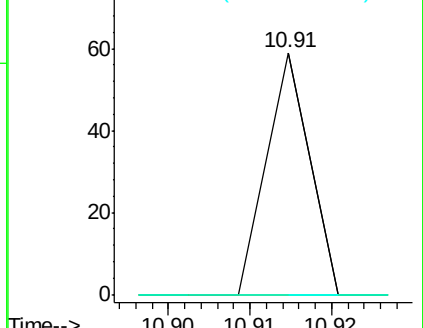
39 0.0 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 29.132 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

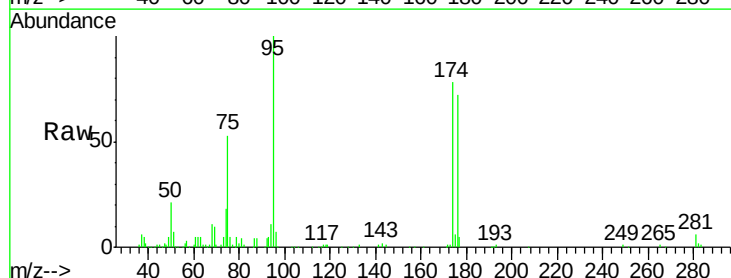
Tgt Ion: 95 Resp: 56405

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.2

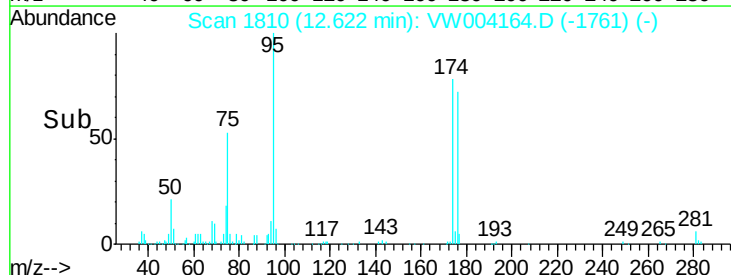
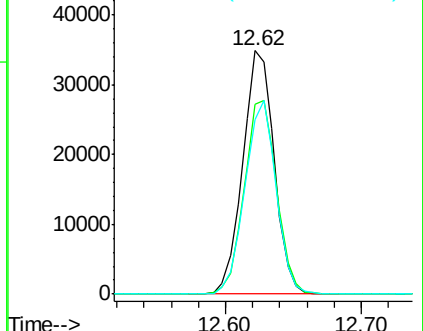
176 78.9 0.0 155.8

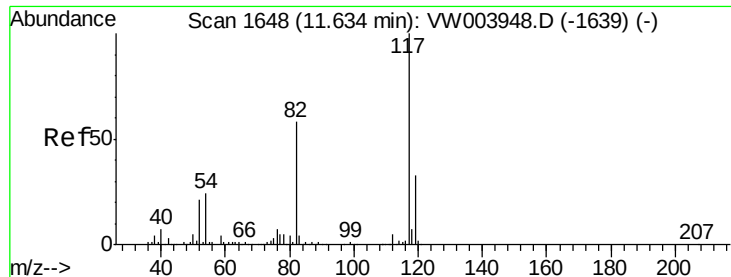


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

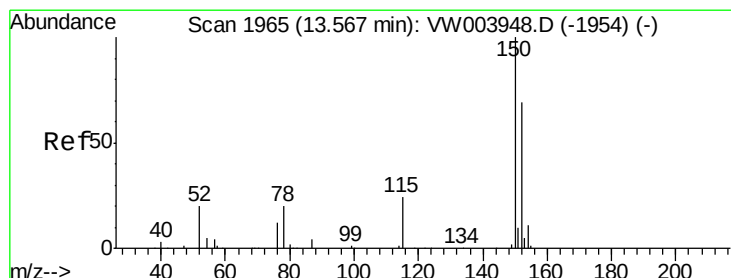
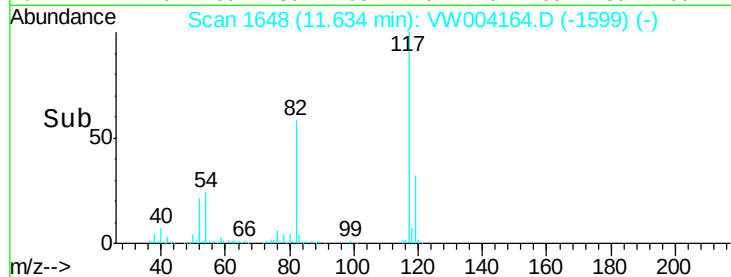
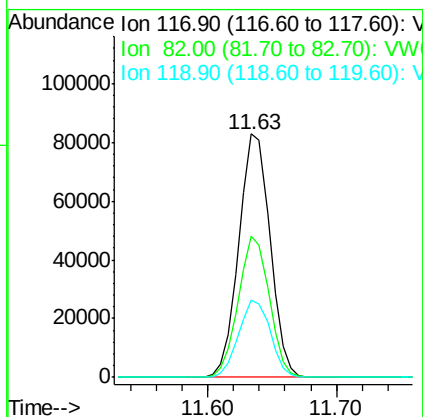
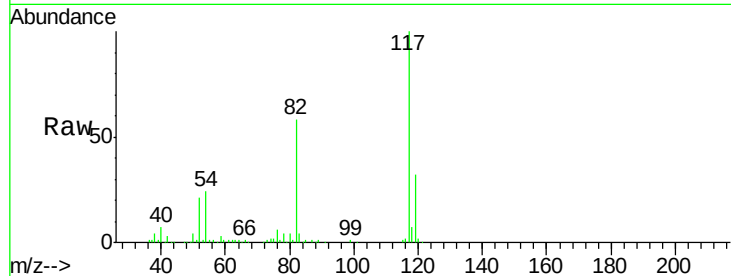




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004164.D
Acq: 24 Jul 2018 04:37

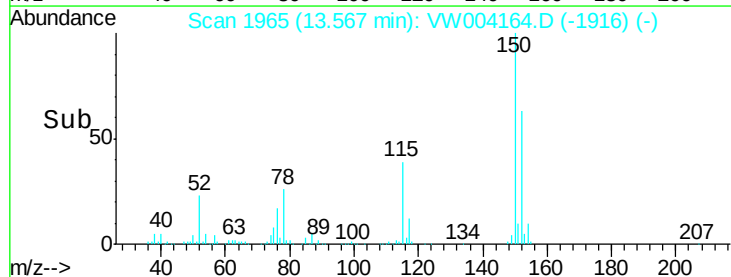
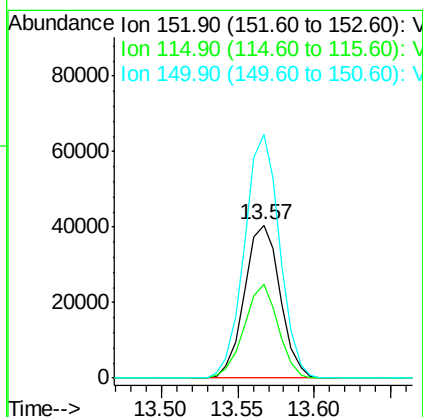
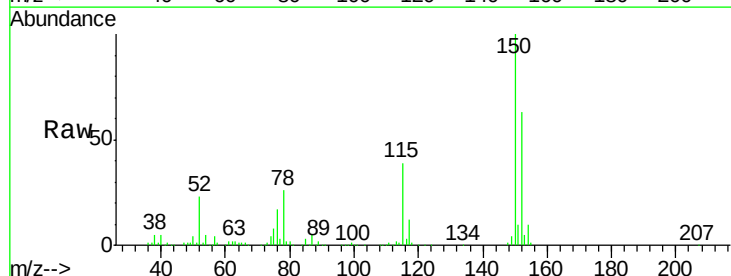
Instrument :
MSVOA_W
ClientSampleId :

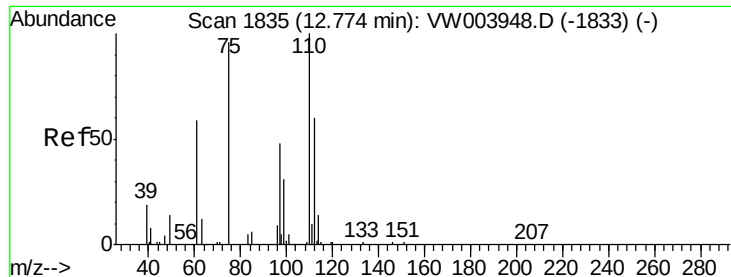
Tot Ion:117 Resp: 139676
Ion Ratio Lower Upper
117 100
82 58.0 46.5 69.7
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004164.D
Acq: 24 Jul 2018 04:37

Tgt Ion:152 Resp: 65680
Ion Ratio Lower Upper
152 100
115 58.7 29.2 87.6
150 157.1 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 46.076 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

Instrument :

MSVOA_W

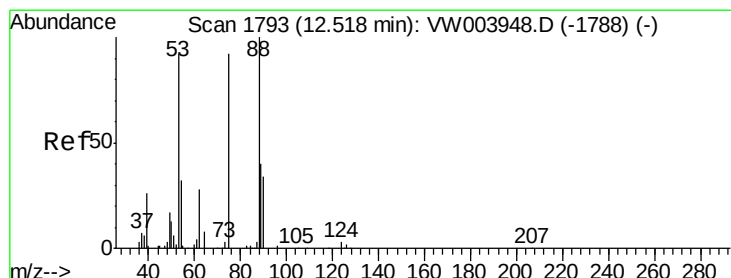
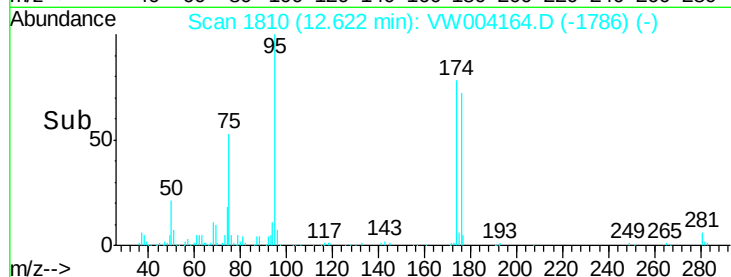
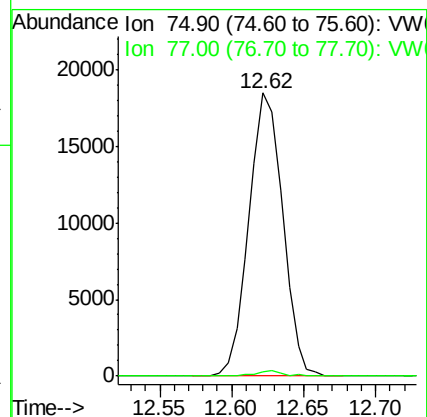
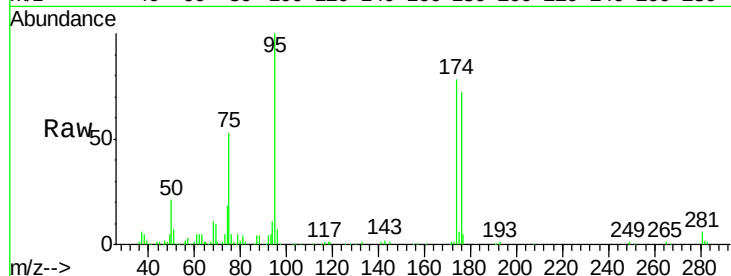
ClientSampleId :

Tot Ion: 75 Resp: 30044

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.919 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004164.D

Acq: 24 Jul 2018 04:37

Tgt Ion: 75 Resp: 30044

Ion Ratio Lower Upper

75 100

53 0.5 77.6 116.4#

89 0.0 36.6 54.8#

