

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000975.D
 Acq On : 25 Jan 2018 03:16
 Operator : JC/SY
 Sample : J1289-01
 Misc : 5.09G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08-9.5-10.0

Quant Time: Jan 25 04:48:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	362076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150436	60.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.80%	
35) Dibromofluoromethane	7.89	113	133412	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
50) Toluene-d8	10.34	98	475608	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.63	95	152849	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	

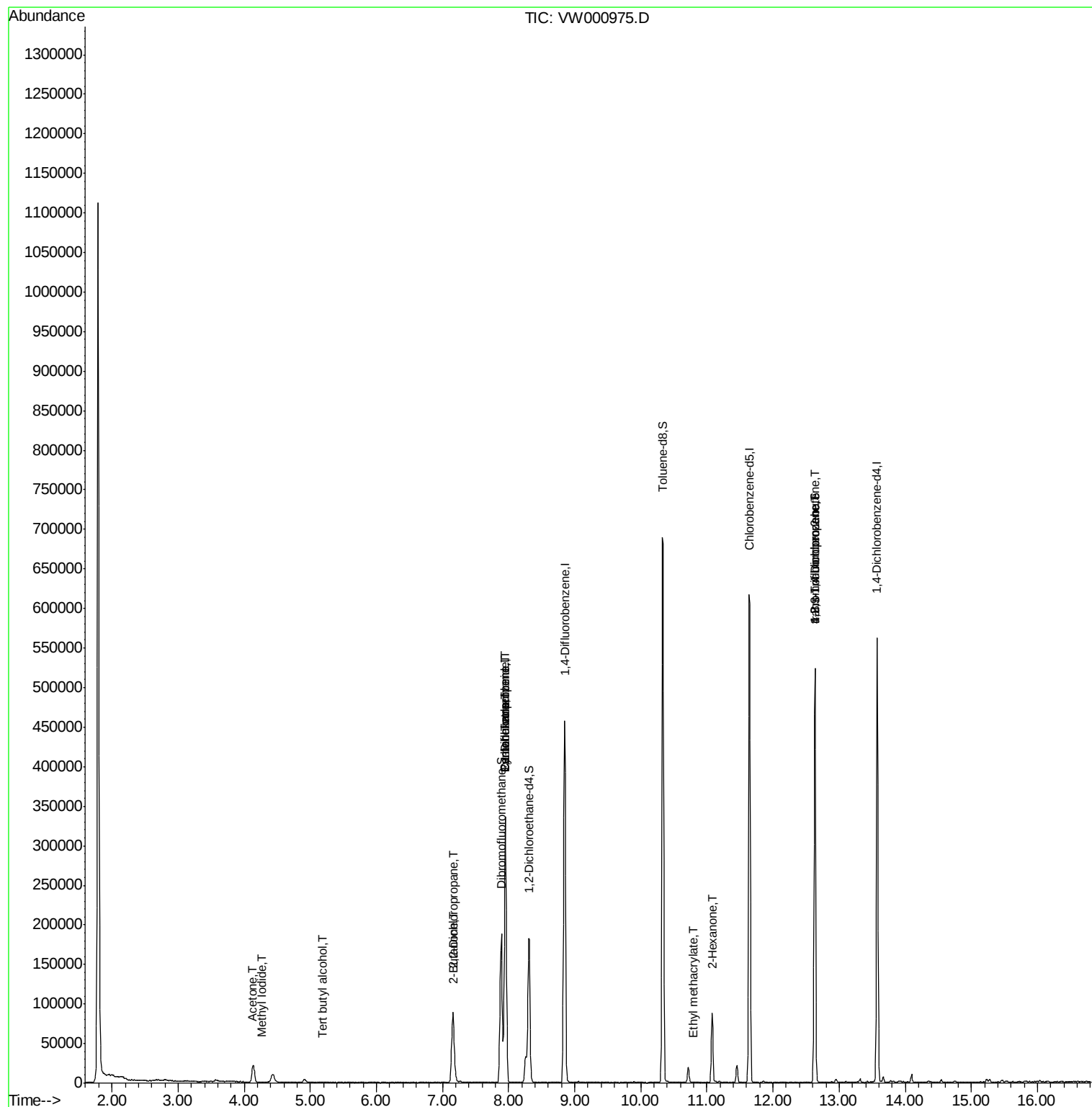
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	441	5.01	ug/l #	87
11) Tert butyl alcohol	5.20	59	843	3.12	ug/l #	76
16) Acetone	4.13	43	36819	49.38	ug/l	94
20) Methylene Chloride	4.91	84	3069	Below Cal	#	87
25) 2-Butanone	7.18	43	9688	8.79	ug/l #	87
26) 2,2-Dichloropropane	7.16	77	6219	1.56	ug/l #	52
31) Cyclohexane	7.95	56	5220	1.29	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18389	4.86	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24690	5.91	ug/l #	18
56) Ethyl methacrylate	10.79	69	21	3.25	ug/l #	1
59) 2-Hexanone	11.09	43	926	15.15	ug/l	64
76) 1,2,3-Trichloropropane	12.63	75	78393	43.63	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	78393	104.06	ug/l #	11

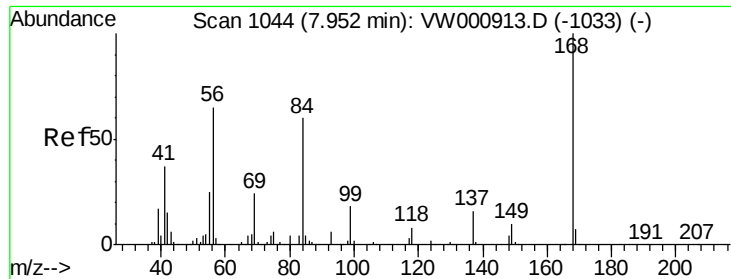
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
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Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

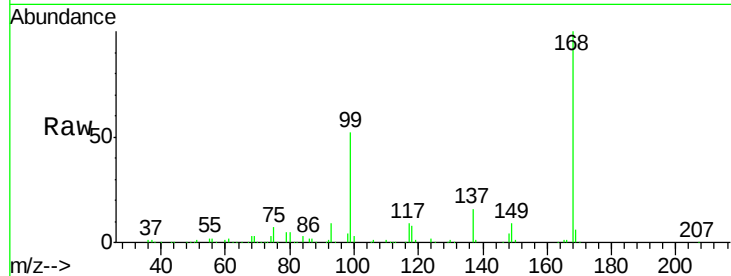
SB-08-9.5-10.0

Tgt Ion:168 Resp: 259858

Ion Ratio Lower Upper

168 100

99 52.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

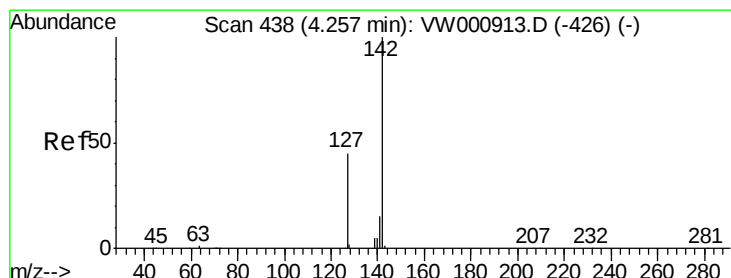
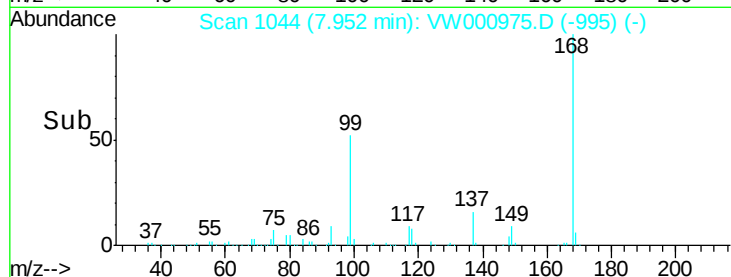
7.95

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 5.01 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

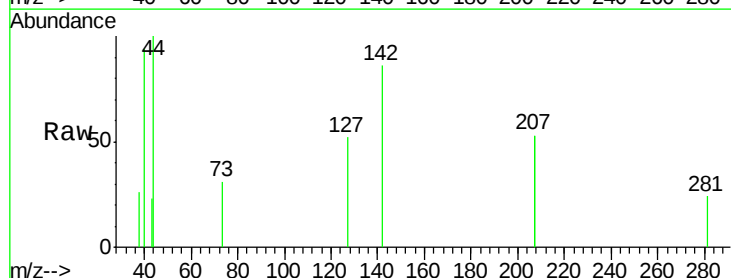
Tgt Ion:142 Resp: 441

Ion Ratio Lower Upper

142 100

127 40.4 35.5 53.3

141 0.0 11.7 17.5#



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

4.26

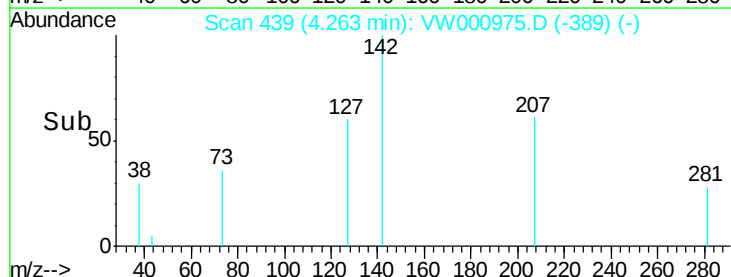
300

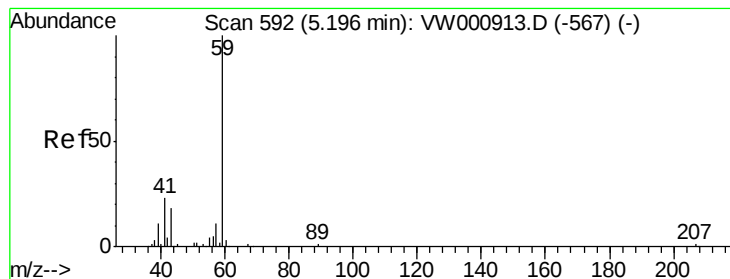
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 3.12 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.00 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

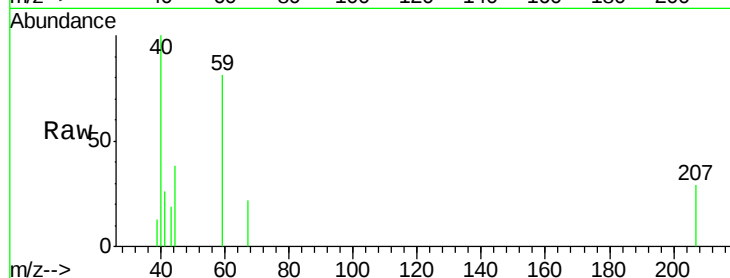
SB-08-9.5-10.0

Tgt Ion: 59 Resp: 843

Ion Ratio Lower Upper

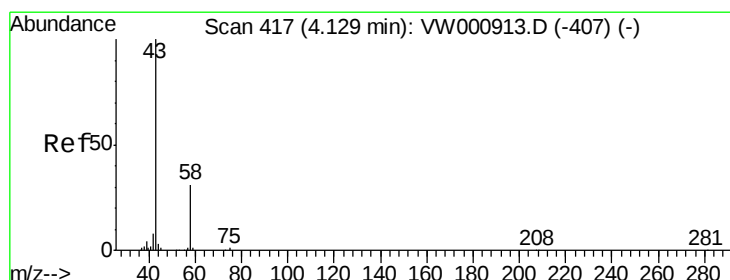
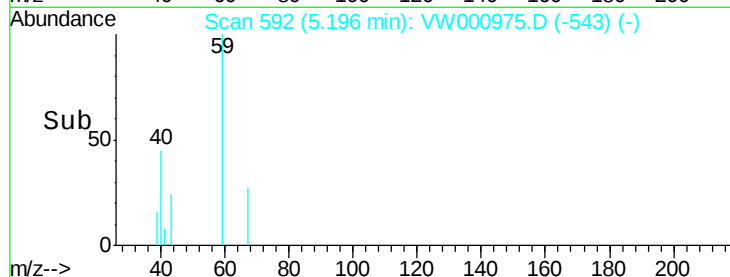
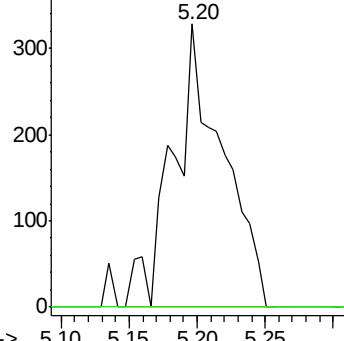
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#16

Acetone

Concen: 49.38 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000975.D

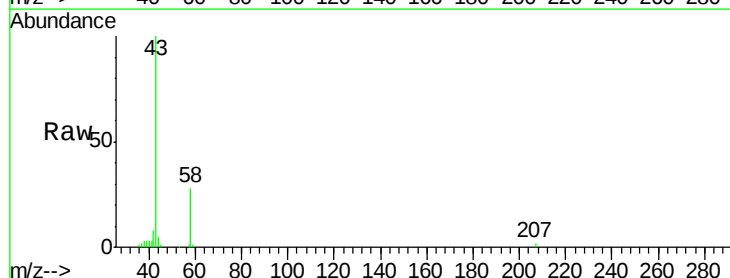
Acq: 25 Jan 2018 03:16

Tgt Ion: 43 Resp: 36819

Ion Ratio Lower Upper

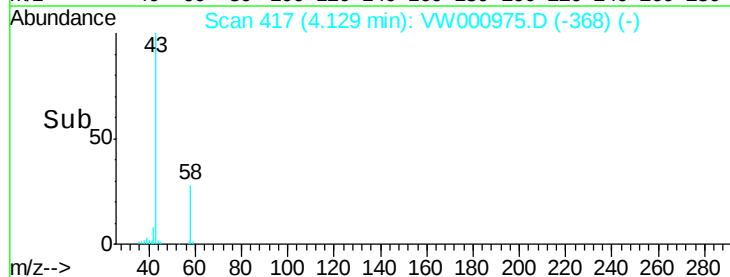
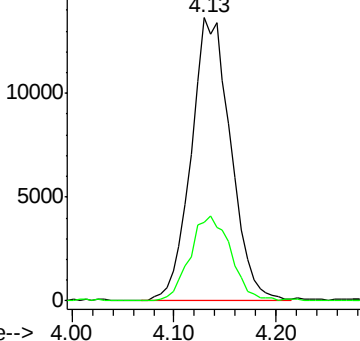
43 100

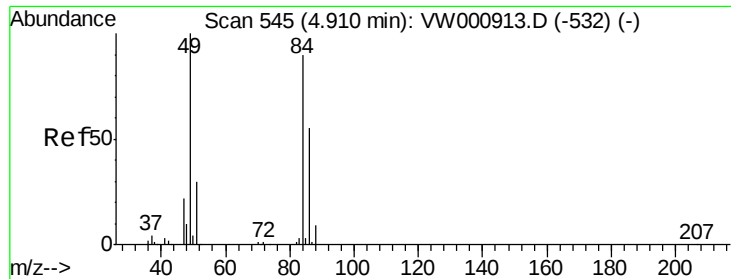
58 27.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

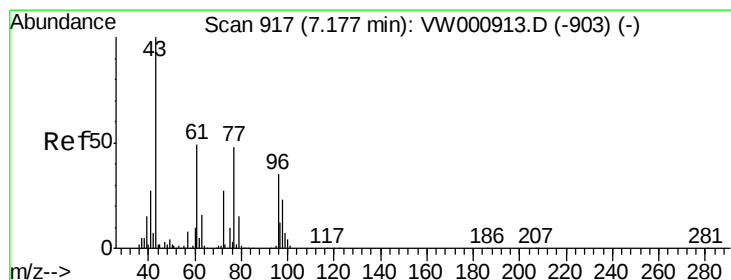
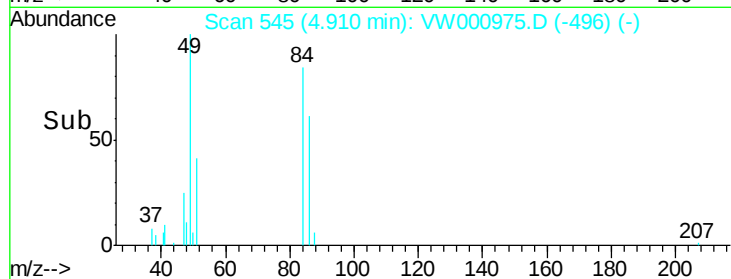
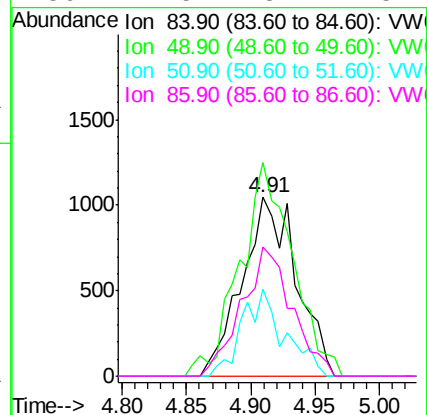
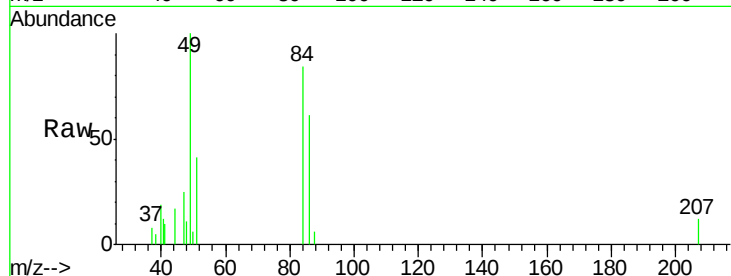




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW000975.D
Acq: 25 Jan 2018 03:16

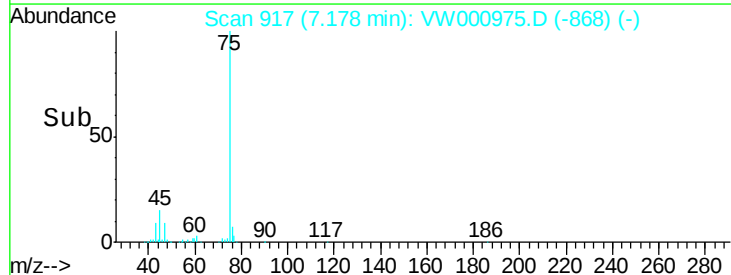
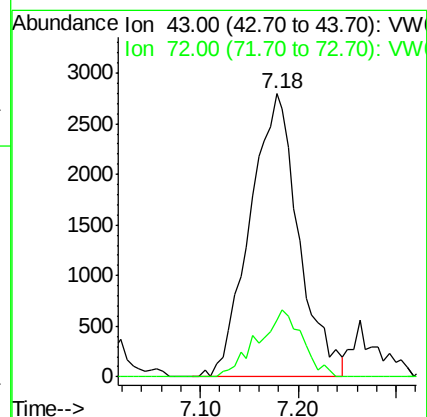
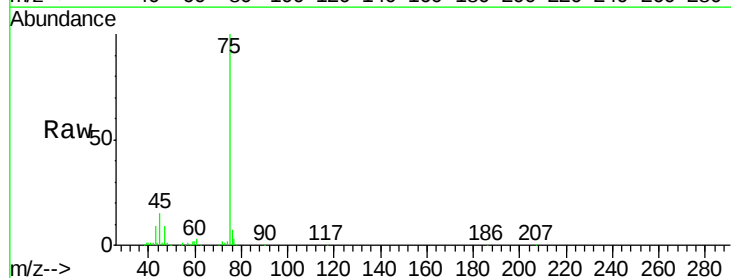
Instrument :
MSVOA_W
ClientSampleId :
SB-08-9.5-10.0

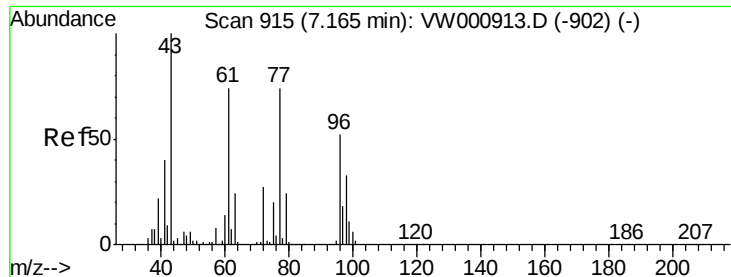
Tgt Ion:	84	Resp:	3069
Ion	Ratio	Lower	Upper
84	100		
49	119.4	89.0	133.4
51	48.5	26.7	40.1#
86	72.5	48.7	73.1



#25
2-Butanone
Concen: 8.79 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW000975.D
Acq: 25 Jan 2018 03:16

Tgt Ion:	43	Resp:	9688
Ion	Ratio	Lower	Upper
43	100		
72	20.2	21.5	32.3#





#26

2,2-Dichloropropane

Concen: 1.56 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

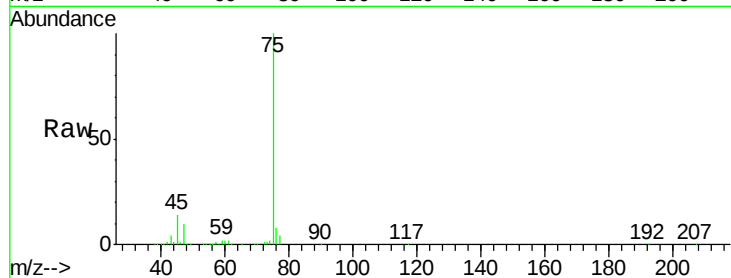
SB-08-9.5-10.0

Tgt Ion: 77 Resp: 6219

Ion Ratio Lower Upper

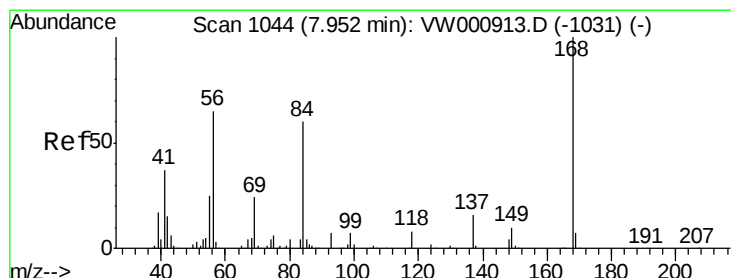
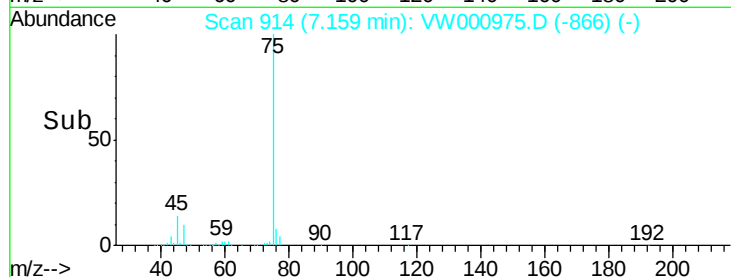
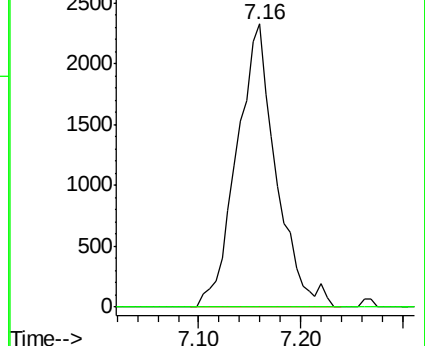
77 100

97 0.0 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#31

Cyclohexane

Concen: 1.29 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

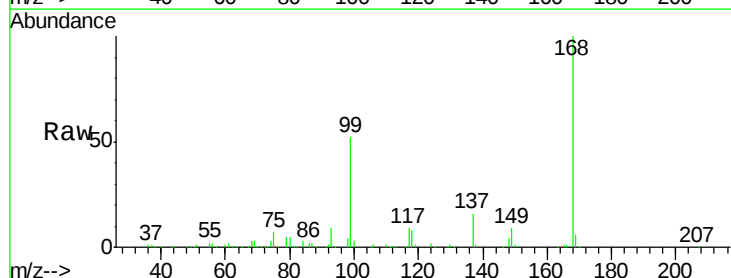
Tgt Ion: 56 Resp: 5220

Ion Ratio Lower Upper

56 100

69 177.7 29.2 43.8#

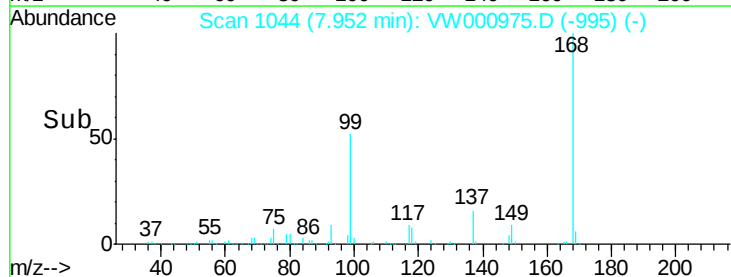
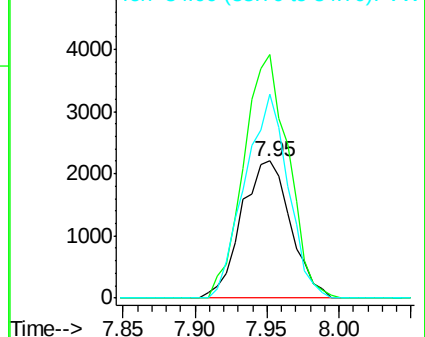
84 149.3 73.6 110.4#

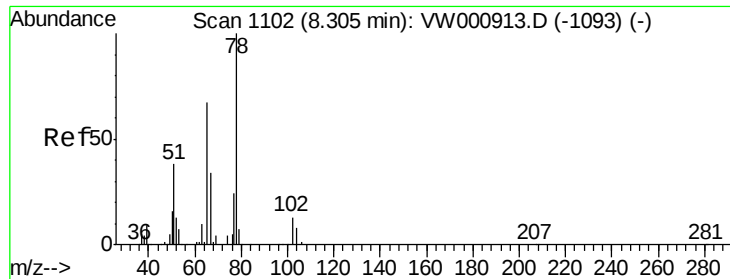


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

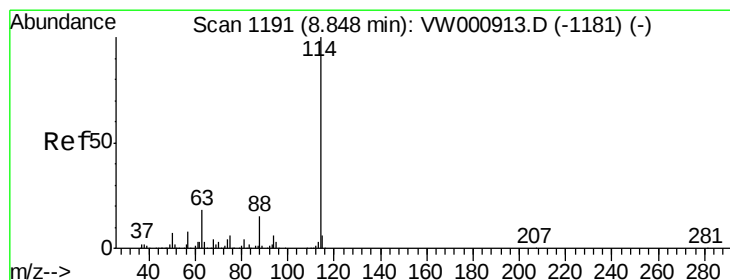
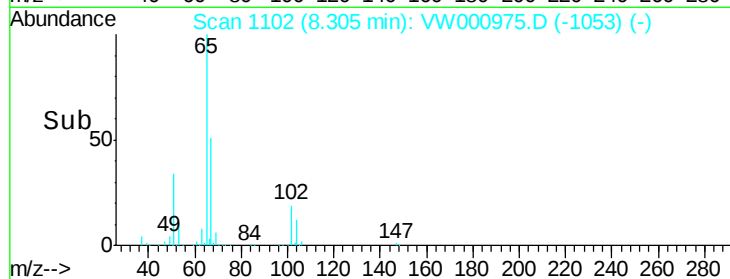
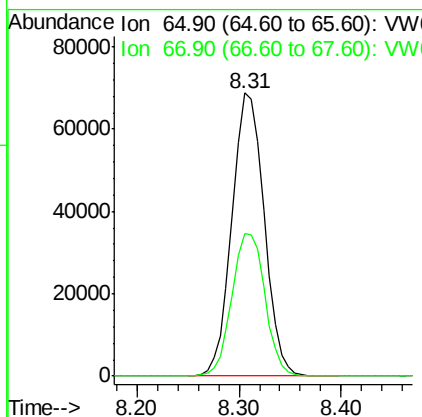
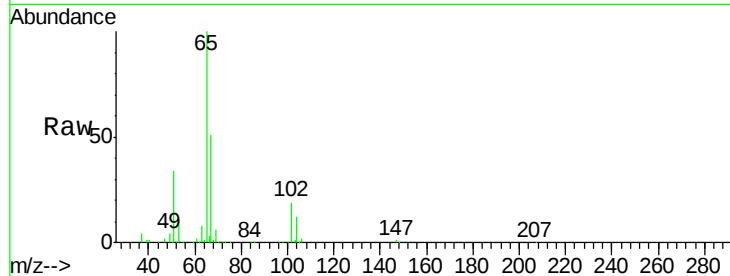




#33
 1,2-Dichloroethane-d4
 Concen: 60.40 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000975.D
 Acq: 25 Jan 2018 03:16

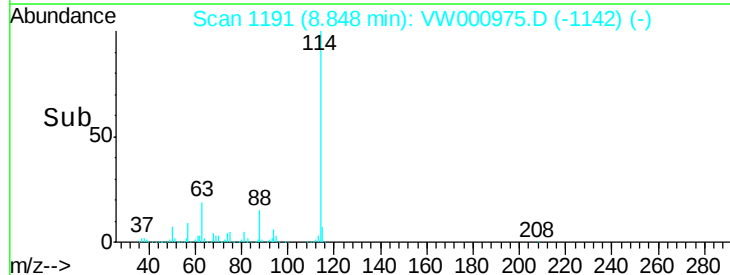
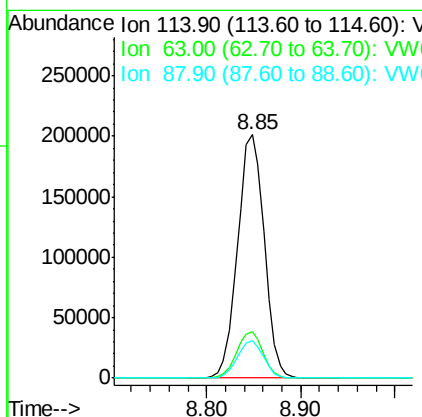
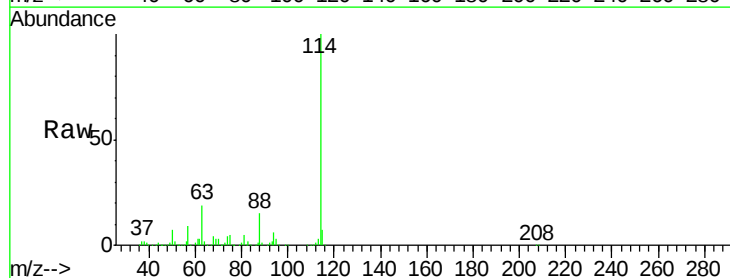
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08-9.5-10.0

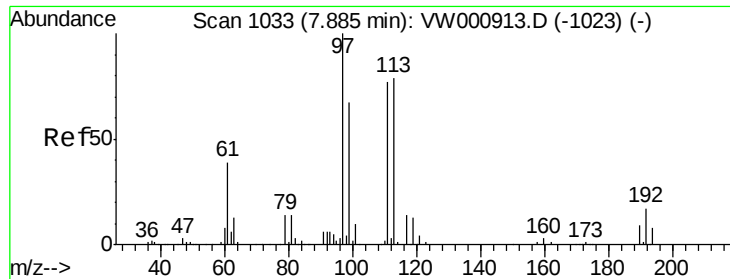
Tgt Ion: 65 Resp: 150436
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000975.D
 Acq: 25 Jan 2018 03:16

Tgt Ion: 114 Resp: 396657
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.8
 88 15.4 0.0 29.8

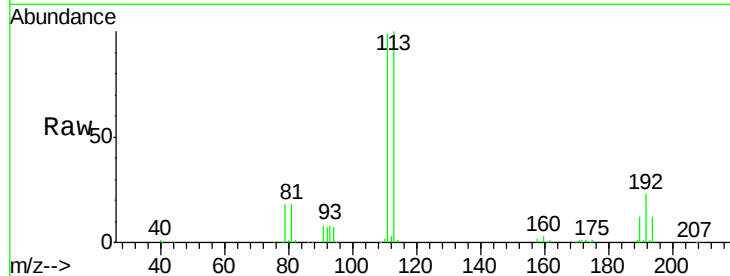




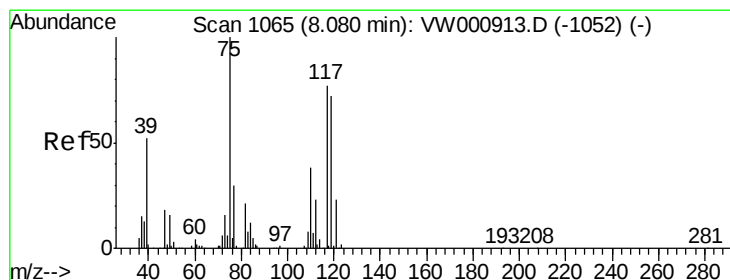
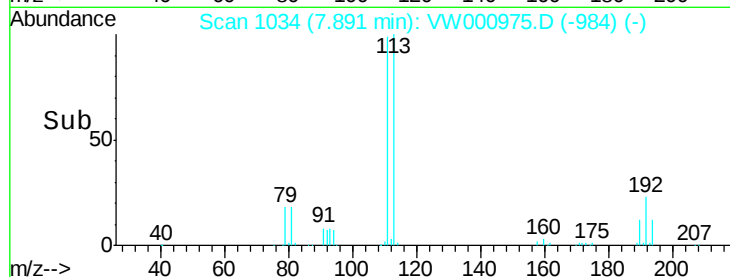
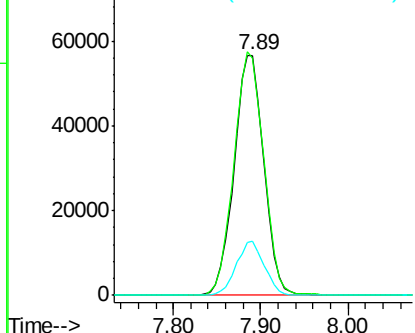
#35
 Dibromofluoromethane
 Concen: 54.90 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW000975.D
 Acq: 25 Jan 2018 03:16

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08-9.5-10.0

Tgt Ion: 113 Resp: 133412
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.4 120.6
 192 21.4 17.0 25.4

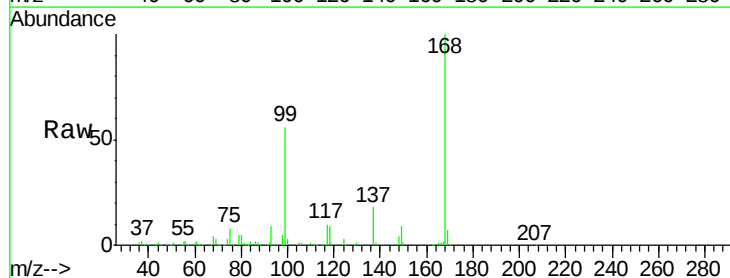


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

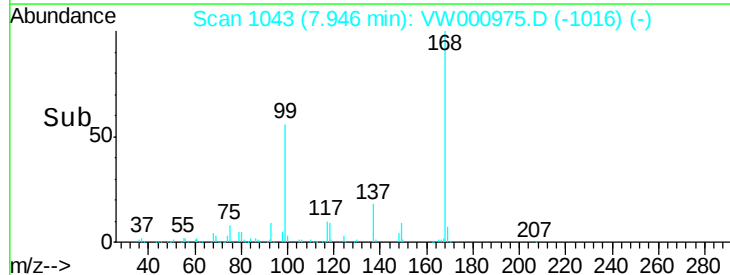
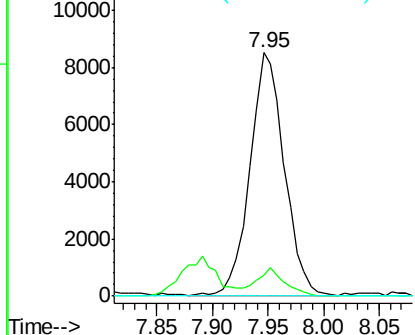


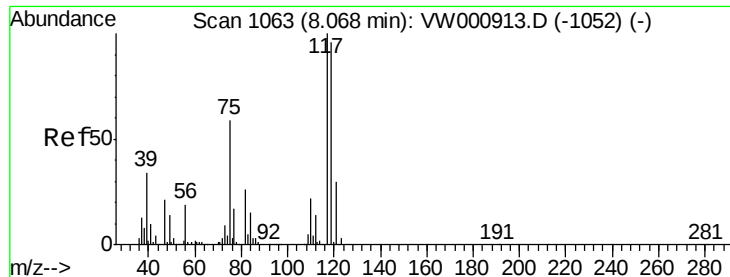
#36
 1,1-Dichloropropene
 Concen: 4.86 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW000975.D
 Acq: 25 Jan 2018 03:16

Tgt Ion: 75 Resp: 18389
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.6 56.0#
 77 0.0 24.6 36.8#



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: 5.91 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampled :

SB-08-9.5-10.0

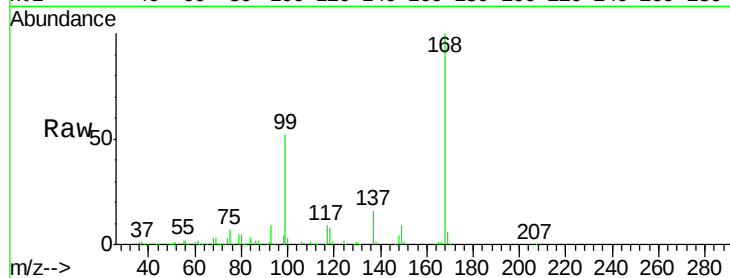
Tgt Ion:117 Resp: 24690

Ion Ratio Lower Upper

117 100

119 7.1 76.5 114.7#

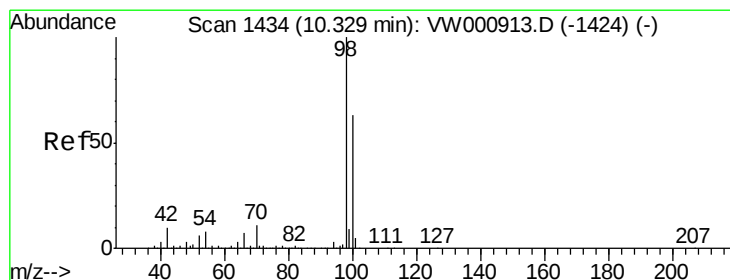
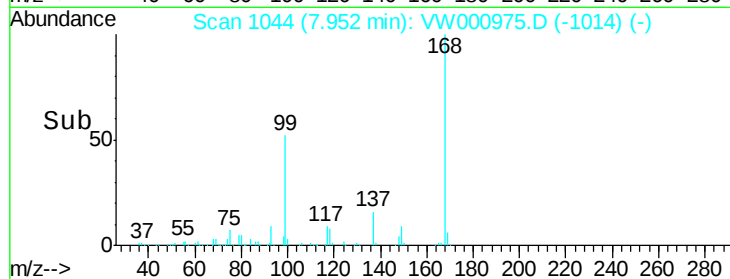
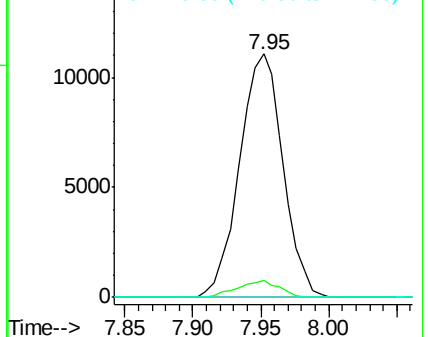
121 0.0 24.3 36.5#



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: 49.65 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000975.D

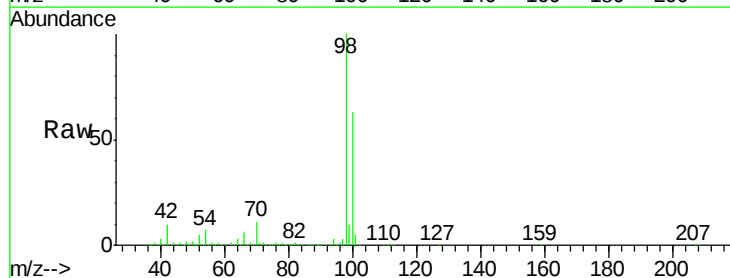
Acq: 25 Jan 2018 03:16

Tgt Ion: 98 Resp: 475608

Ion Ratio Lower Upper

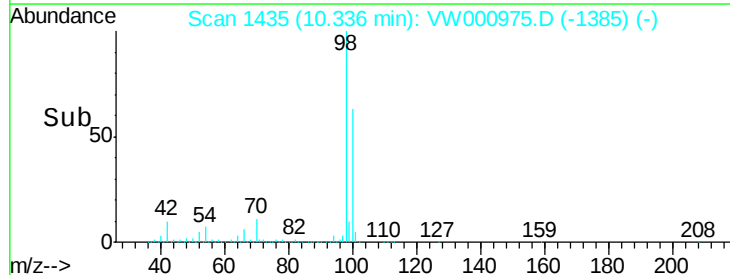
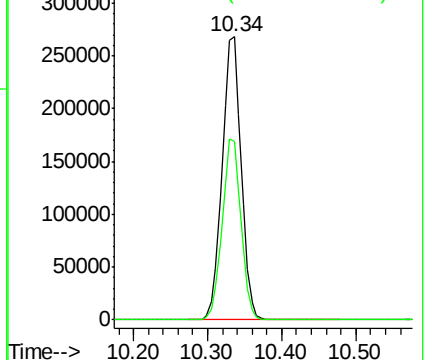
98 100

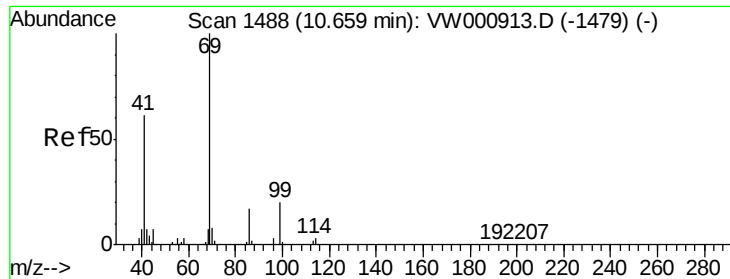
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.25 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. 0.13 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampled :

SB-08-9.5-10.0

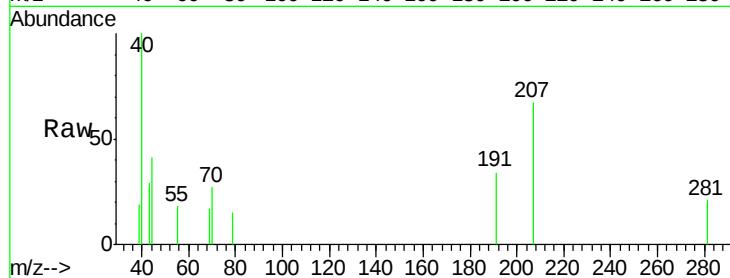
Tgt Ion: 69 Resp: 21

Ion Ratio Lower Upper

69 100

41 0.0 50.3 75.5#

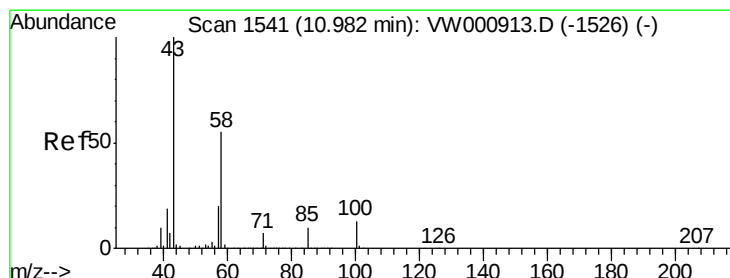
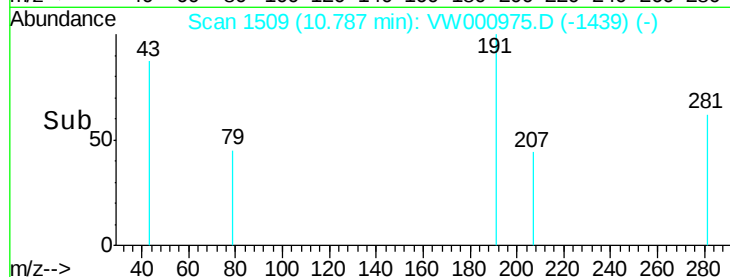
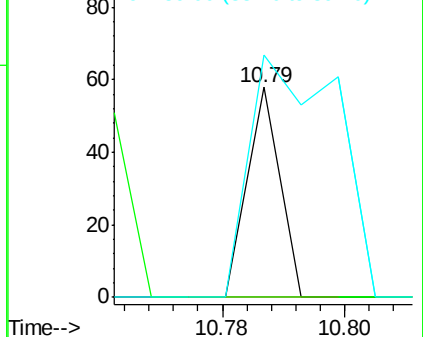
39 314.3 28.6 42.8#



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



#59

2-Hexanone

Concen: 15.15 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. 0.10 min

Lab File: VW000975.D

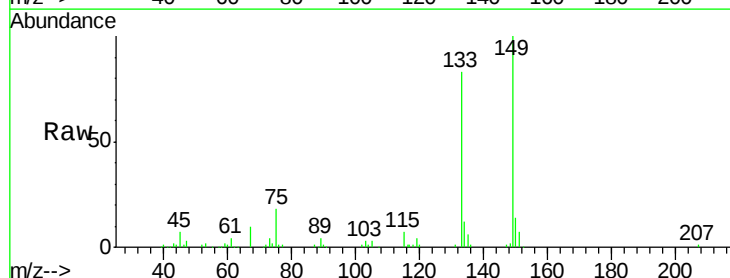
Acq: 25 Jan 2018 03:16

Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

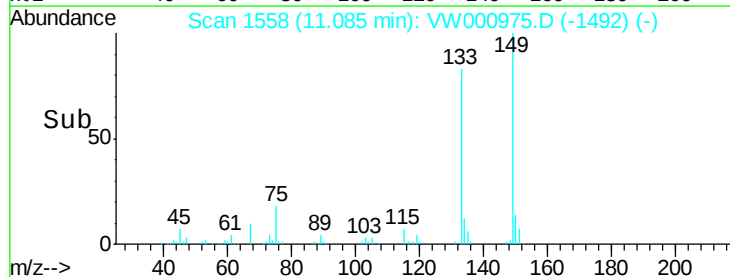
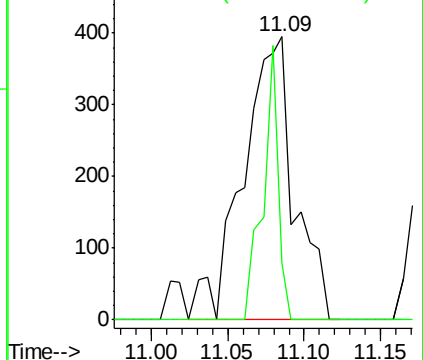
43 100

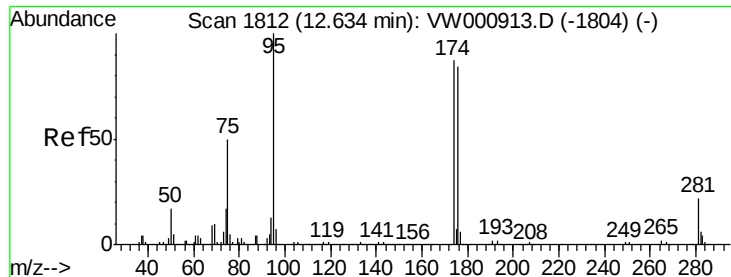
58 28.8 27.4 82.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 43.81 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

SB-08-9.5-10.0

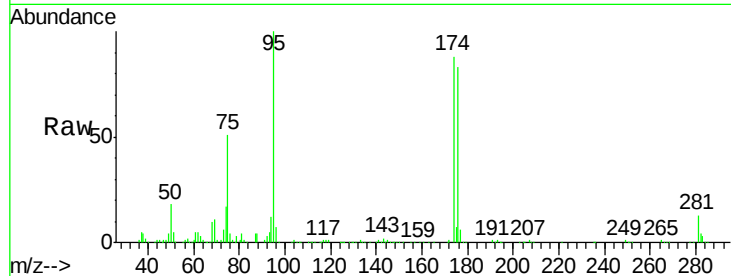
Tgt Ion: 95 Resp: 152849

Ion Ratio Lower Upper

95 100

174 88.6 0.0 176.8

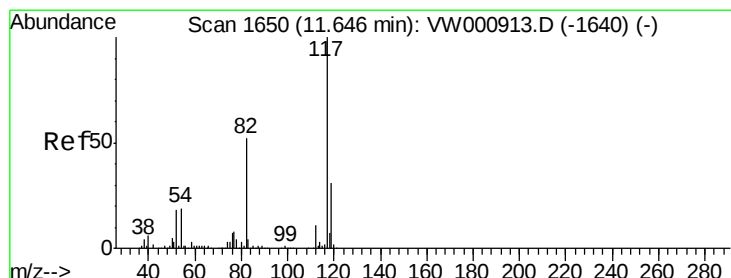
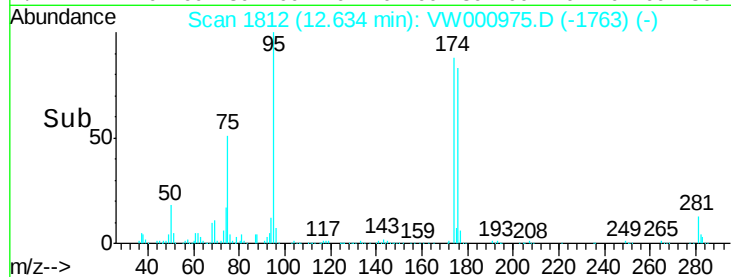
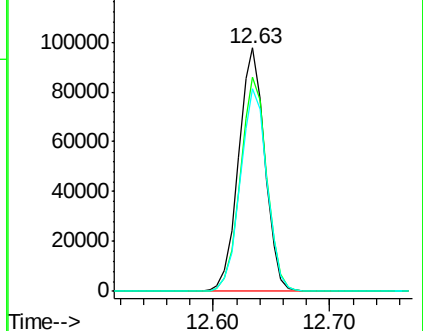
176 85.1 0.0 171.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.65 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

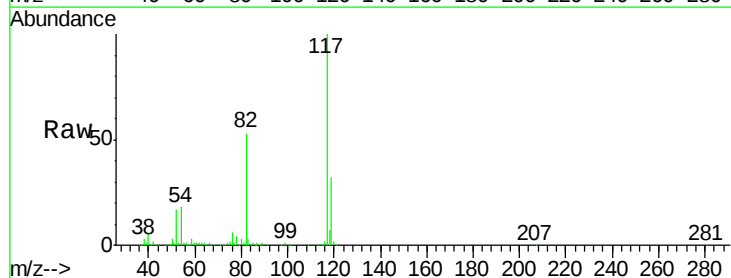
Tgt Ion: 117 Resp: 362076

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.6

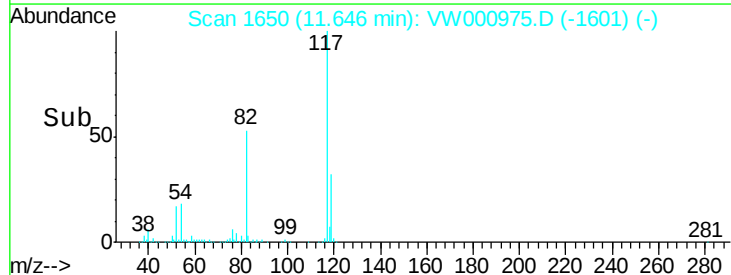
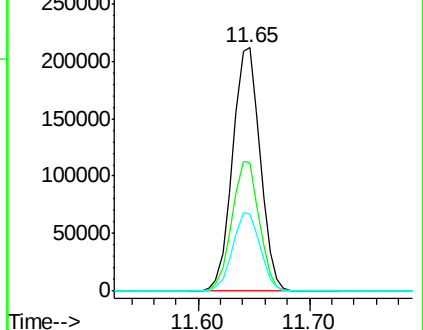
119 31.5 25.2 37.8

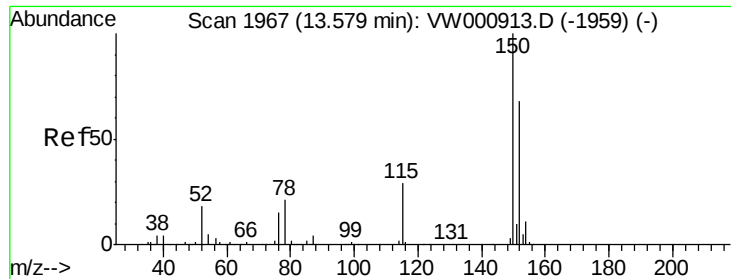


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

SB-08-9.5-10.0

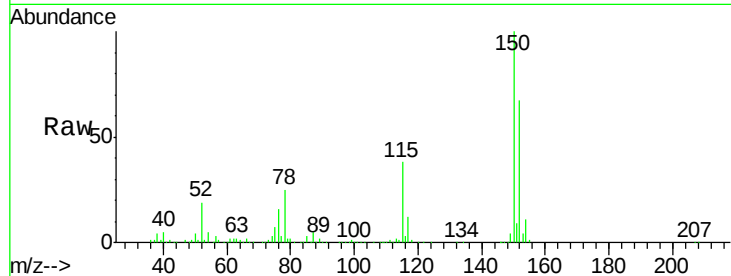
Tgt Ion:152 Resp: 155285

Ion Ratio Lower Upper

152 100

115 56.9 28.5 85.5

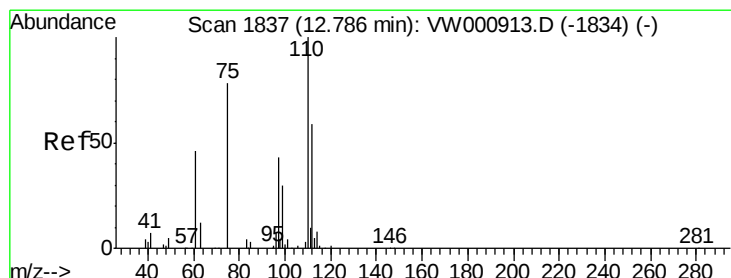
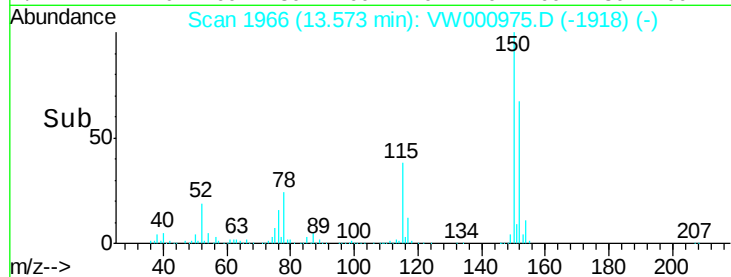
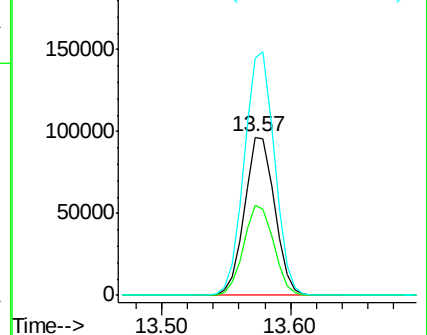
150 154.6 0.0 342.0



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



#76

1,2,3-Trichloropropane

Concen: 43.63 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.15 min

Lab File: VW000975.D

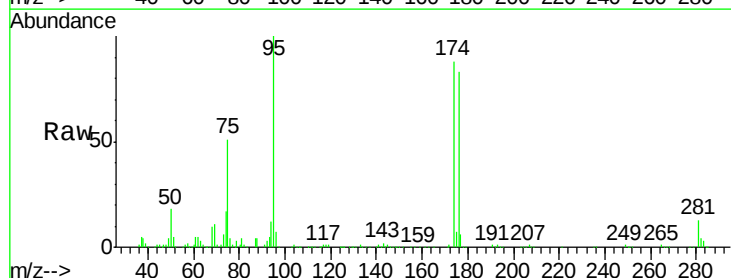
Acq: 25 Jan 2018 03:16

Tgt Ion: 75 Resp: 78393

Ion Ratio Lower Upper

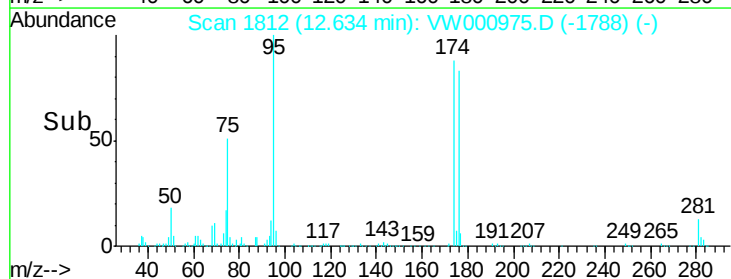
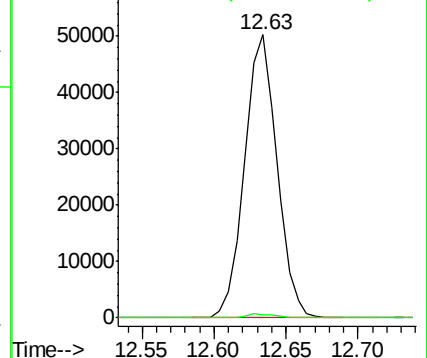
75 100

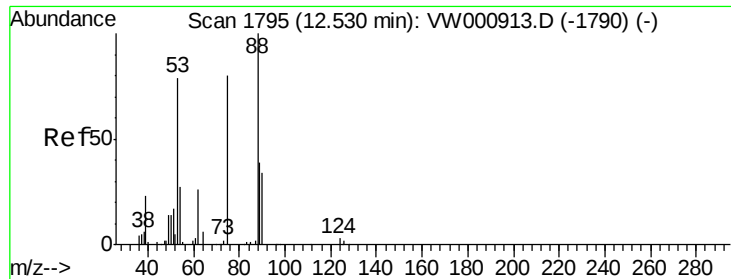
77 1.2 0.0 0.0#



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: 104.06 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.10 min

Lab File: VW000975.D

Acq: 25 Jan 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

SB-08-9.5-10.0

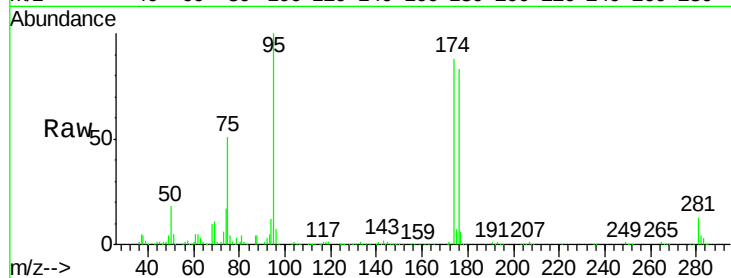
Tgt Ion: 75 Resp: 78393

Ion Ratio Lower Upper

75 100

53 0.0 77.5 116.3#

89 0.0 38.2 57.4#



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

