

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
 Data File : VW005212.D
 Acq On : 07 Sep 2018 16:33
 Operator : SY/AP
 Sample : J4748-03RE
 Misc : 5.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08

Quant Time: Sep 08 01:20:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	499007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	776541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	771338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	376798	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	214070	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.89	113	196605	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	
50) Toluene-d8	10.33	98	911913	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
62) 4-Bromofluorobenzene	12.63	95	312975	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	

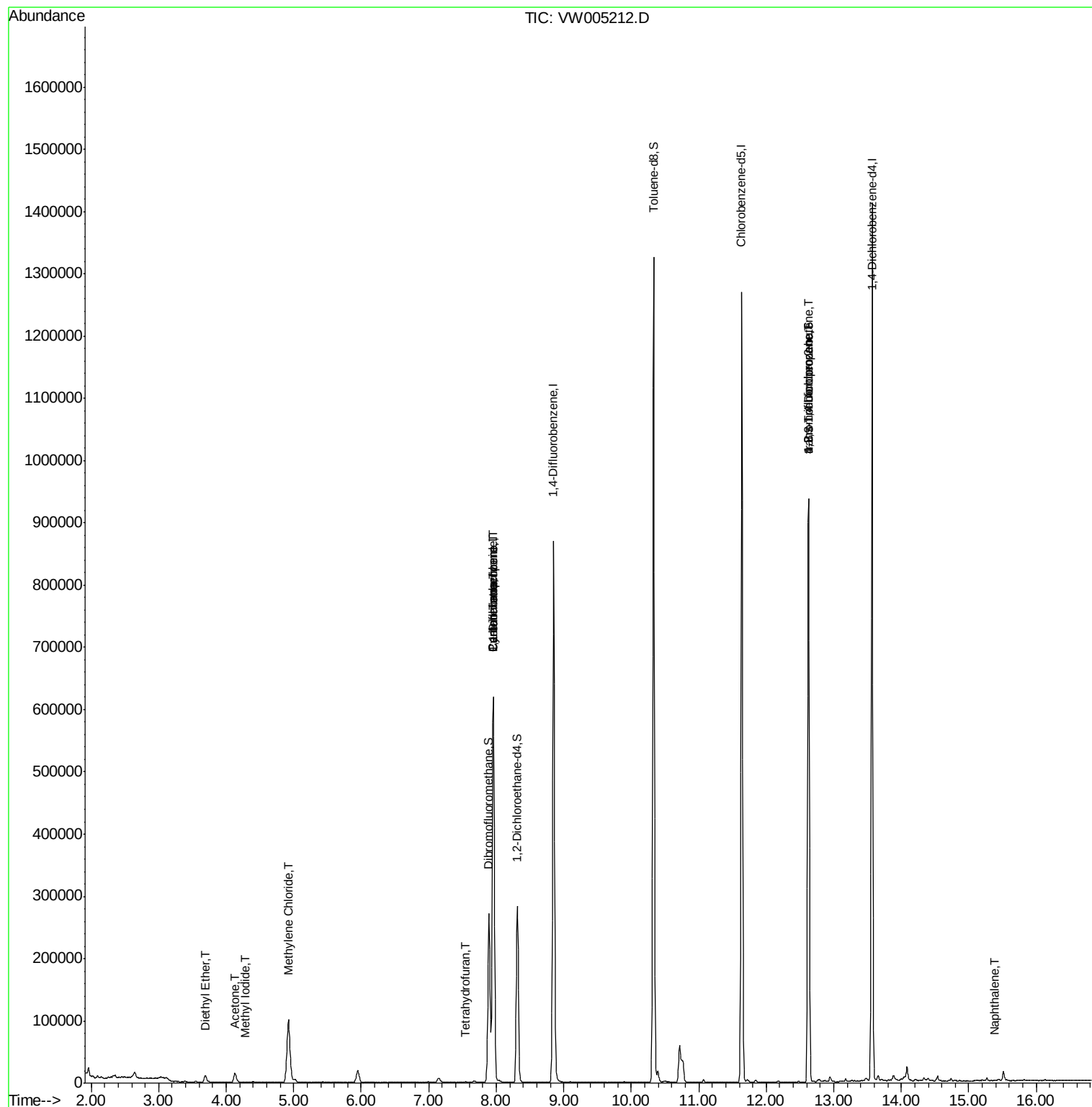
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	398	Below Cal	#	32
8) Diethyl Ether	3.70	74	6319	2.736	ug/l	96
10) Methyl Iodide	4.29	142	46	3.825	ug/l #	44
11) Tert butyl alcohol	5.20	59	23	Below Cal	#	72
16) Acetone	4.13	43	26341	31.752	ug/l	94
20) Methylene Chloride	4.92	84	82866	11.813	ug/l	96
29) Tetrahydrofuran	7.54	42	1054	1.434	ug/l #	89
31) Cyclohexane	7.96	56	8293	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	34135	4.616	ug/l #	47
38) Carbon Tetrachloride	7.96	117	44320	6.302	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	144344	51.035	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	144344	122.836	ug/l #	15
95) Naphthalene	15.38	128	1375	4.073	ug/l	98

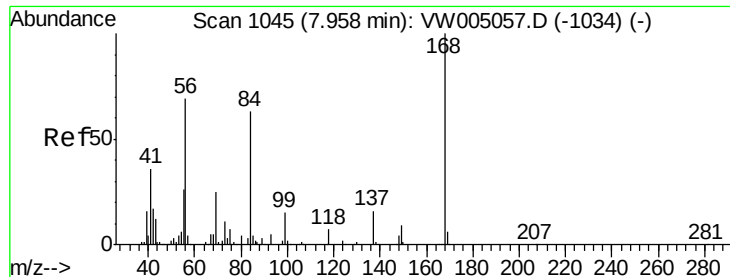
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
Data File : VW005212.D
Acq On : 07 Sep 2018 16:33
Operator : SY/AP
Sample : J4748-03RE
Misc : 5.55G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-08

Quant Time: Sep 08 01:20:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Instrument :

MSVOA_W

ClientSampled :

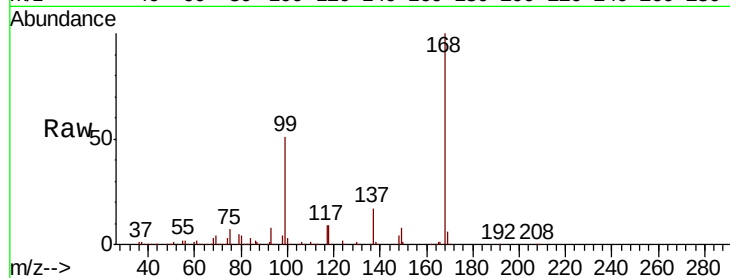
SB-08

Tgt Ion:168 Resp: 499007

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

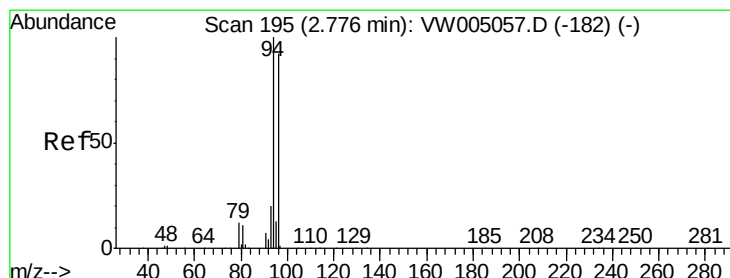
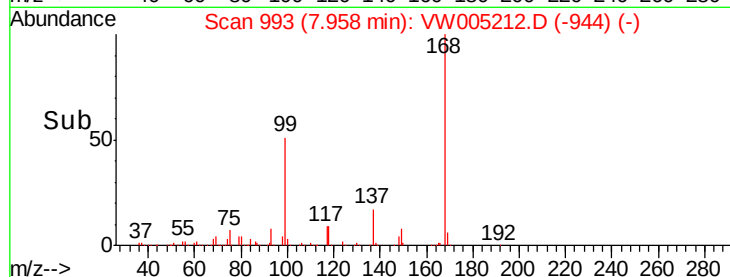
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005212.D

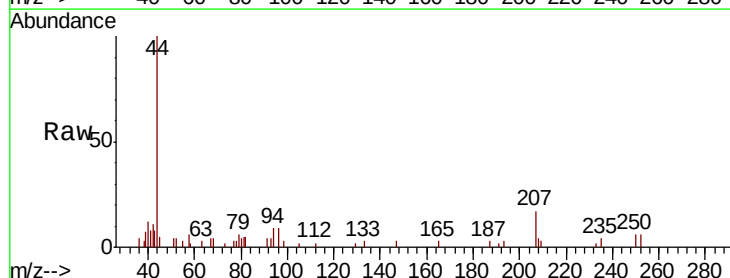
Acq: 07 Sep 2018 16:33

Tgt Ion: 94 Resp: 398

Ion Ratio Lower Upper

94 100

96 26.6 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

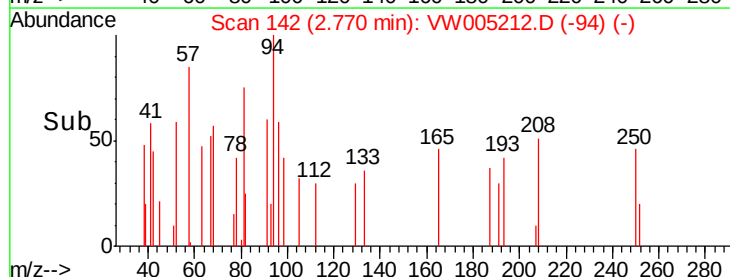
300

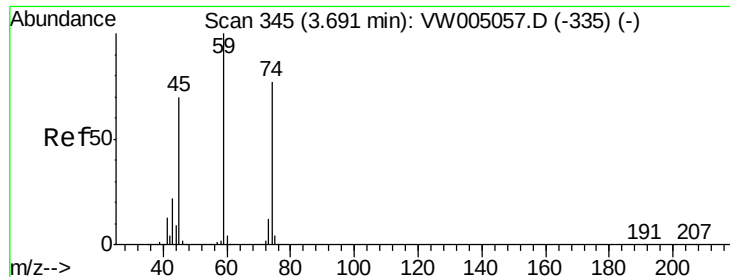
200

100

0

Time-->





#8

Diethyl Ether

Concen: 2.736 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Instrument :

MSVOA_W

ClientSampled :

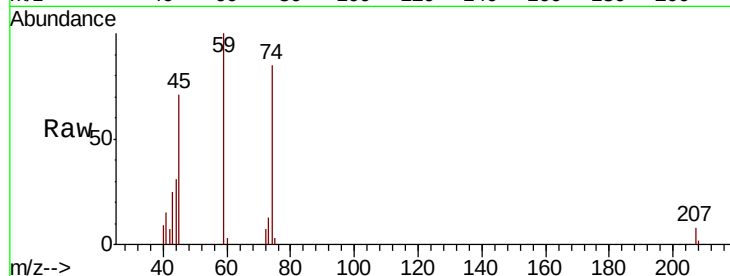
SB-08

Tgt Ion: 74 Resp: 6319

Ion Ratio Lower Upper

74 100

45 95.8 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

2500

2000

1500

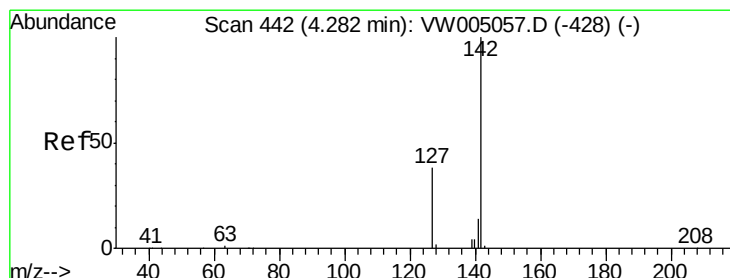
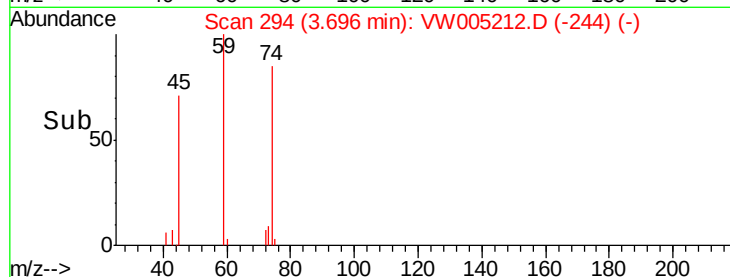
1000

500

0

Time-->

3.60 3.65 3.70 3.75



#10

Methyl Iodide

Concen: 3.825 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

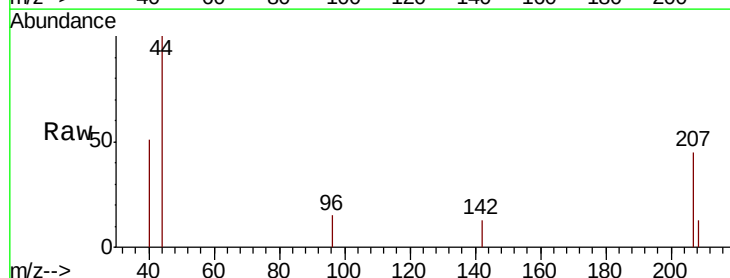
Tgt Ion: 142 Resp: 46

Ion Ratio Lower Upper

142 100

127 0.0 30.8 46.2#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

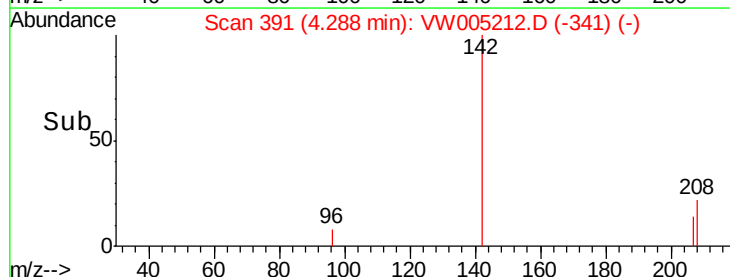
100

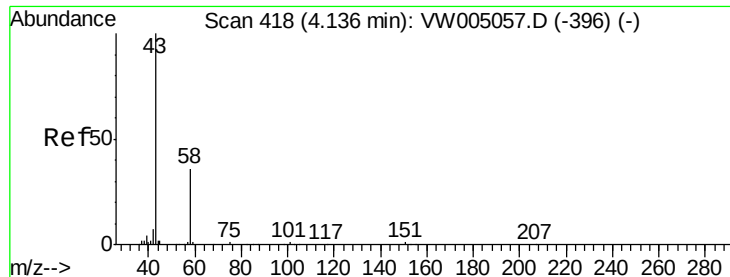
50

0

Time-->

4.27 4.28 4.29 4.30 4.31





#16

Acetone

Concen: 31.752 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

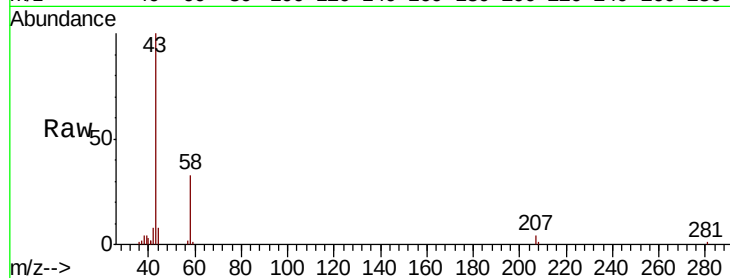
SB-08

Tgt Ion: 43 Resp: 26341

Ion Ratio Lower Upper

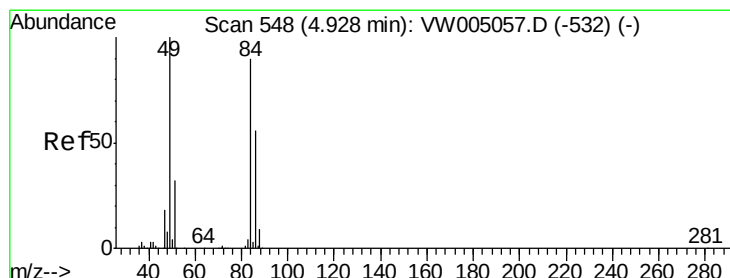
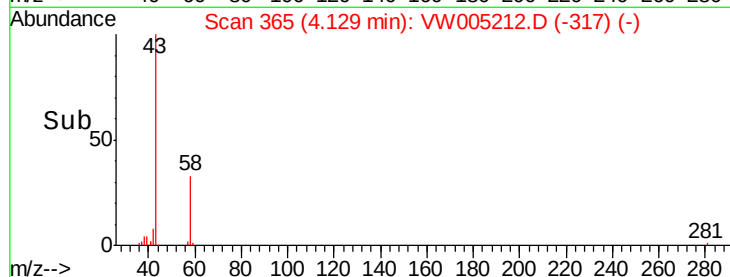
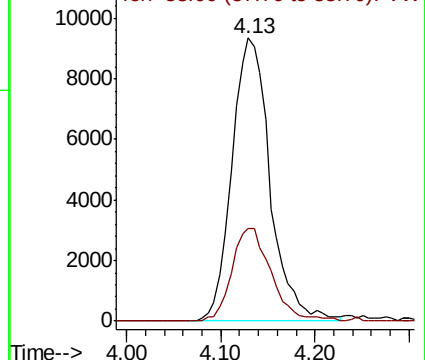
43 100

58 33.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 11.813 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Tgt Ion: 84 Resp: 82866

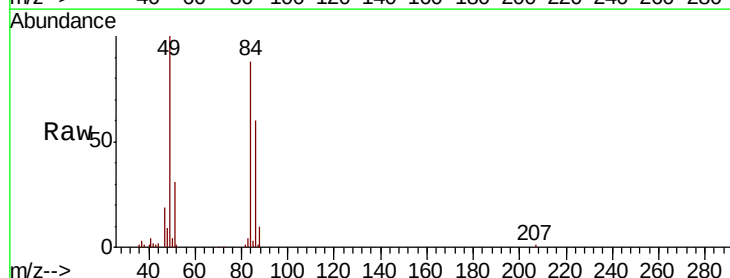
Ion Ratio Lower Upper

84 100

49 114.0 88.7 133.1

51 35.6 28.6 42.8

86 68.6 49.4 74.2

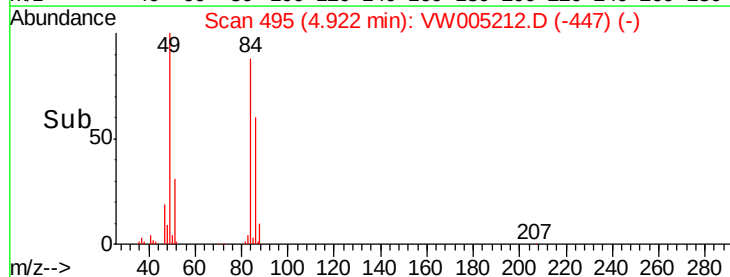
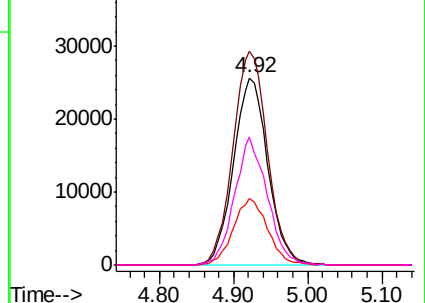


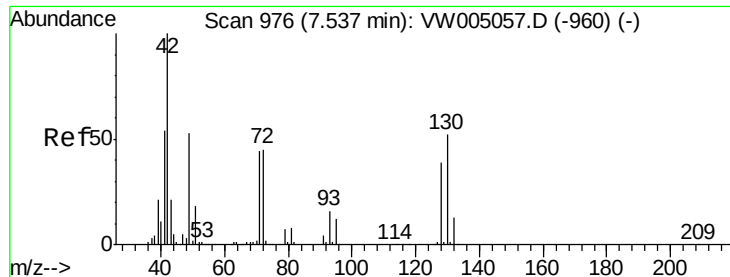
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

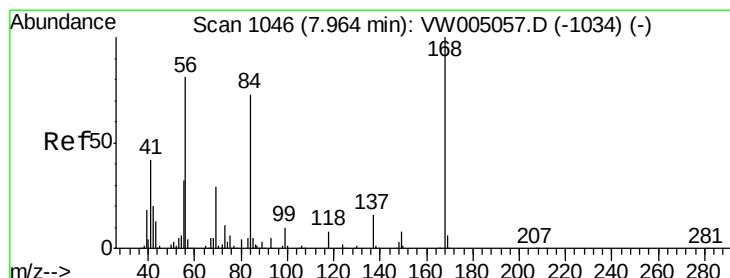
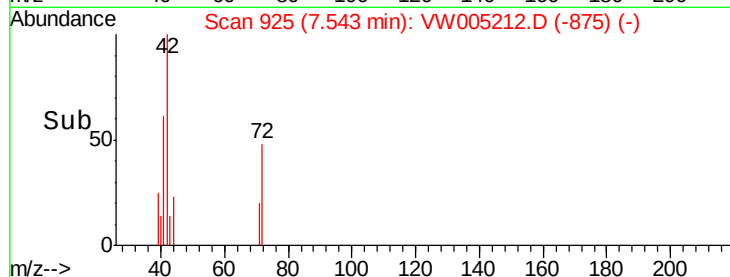
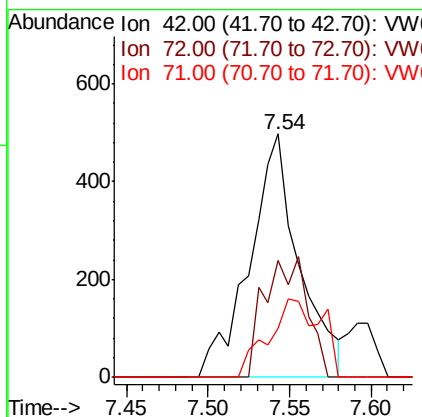
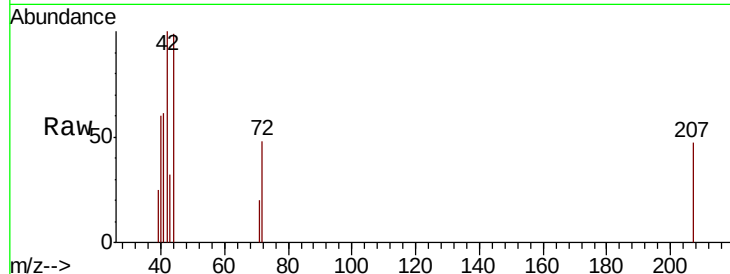




#29
Tetrahydrofuran
Concen: 1.434 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005212.D
Acq: 07 Sep 2018 16:33

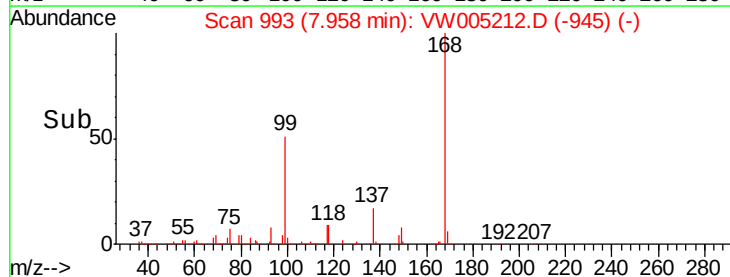
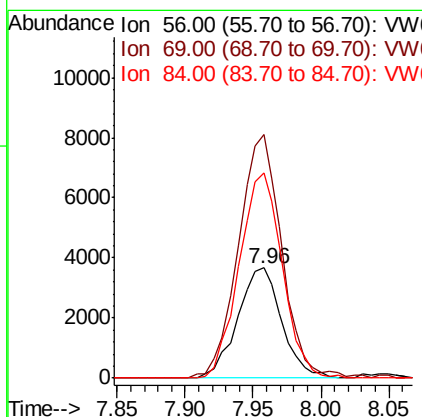
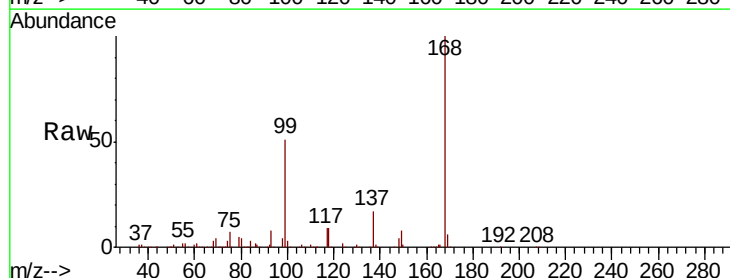
Instrument :
MSVOA_W
ClientSampled :
SB-08

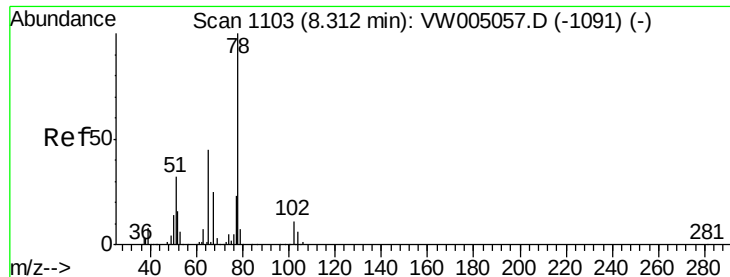
Tgt Ion: 42 Resp: 1054
Ion Ratio Lower Upper
42 100
72 42.4 37.0 55.4
71 33.7 35.0 52.6#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005212.D
Acq: 07 Sep 2018 16:33

Tgt Ion: 56 Resp: 8293
Ion Ratio Lower Upper
56 100
69 221.2 28.2 42.2#
84 186.0 71.8 107.8#

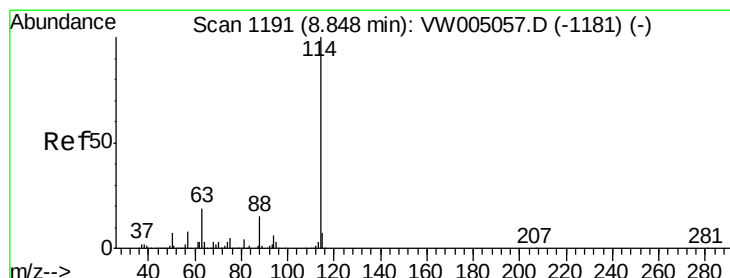
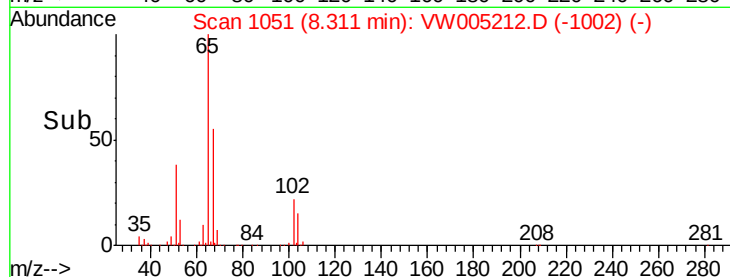
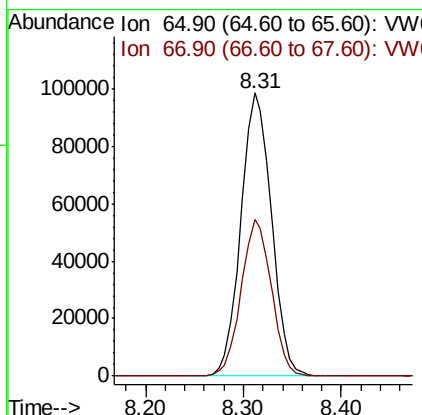
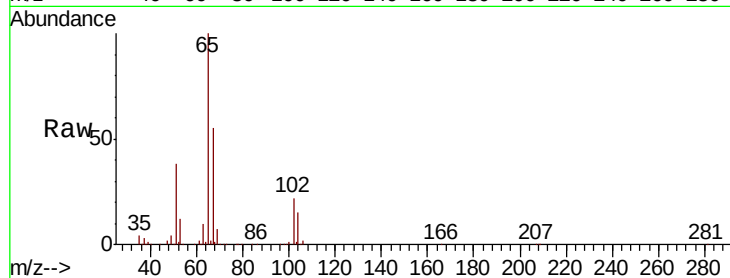




#33
 1,2-Dichloroethane-d4
 Concen: 51.751 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005212.D
 Acq: 07 Sep 2018 16:33

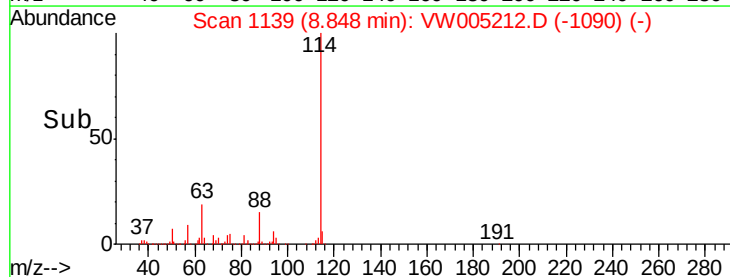
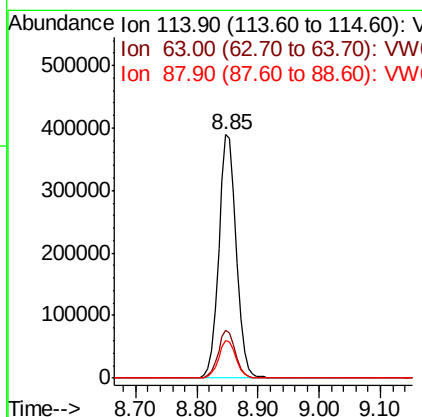
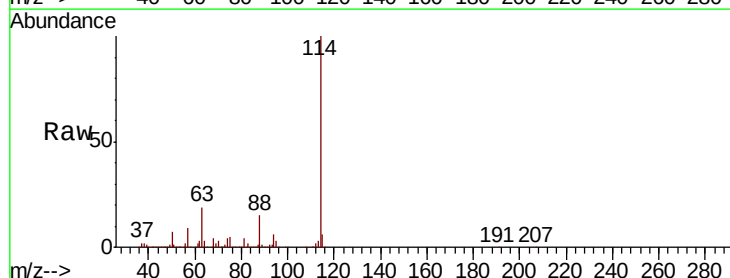
Instrument :
 MSVOA_W
 ClientSampled :
 SB-08

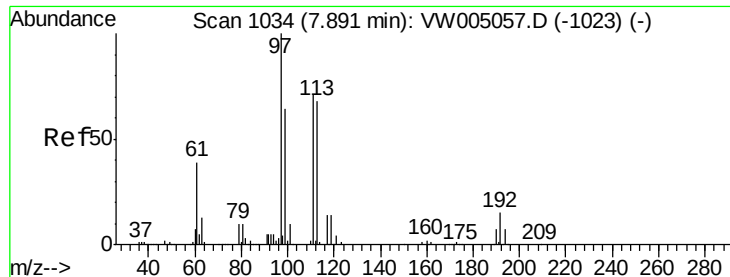
Tgt Ion: 65 Resp: 214070
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005212.D
 Acq: 07 Sep 2018 16:33

Tgt Ion: 114 Resp: 776541
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.4 0.0 30.2

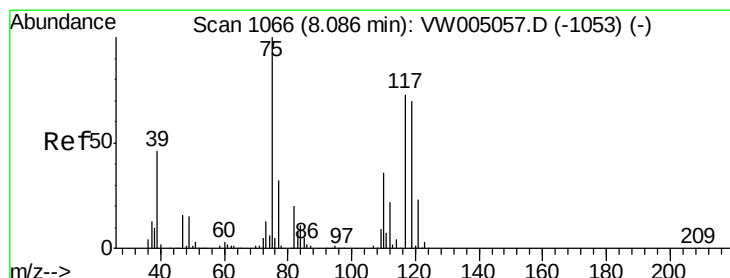
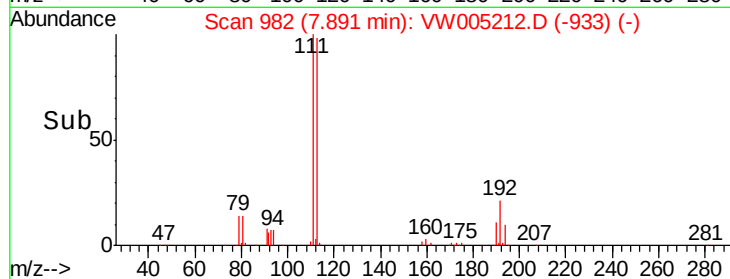
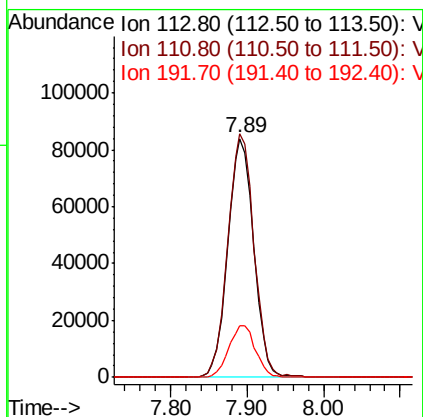
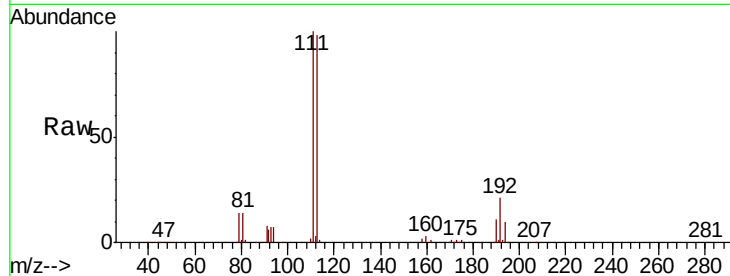




#35
 Dibromofluoromethane
 Concen: 43.812 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005212.D
 Acq: 07 Sep 2018 16:33

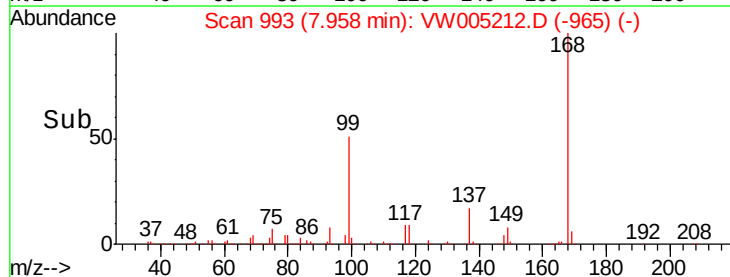
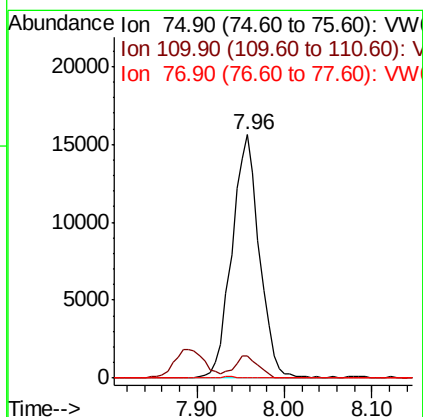
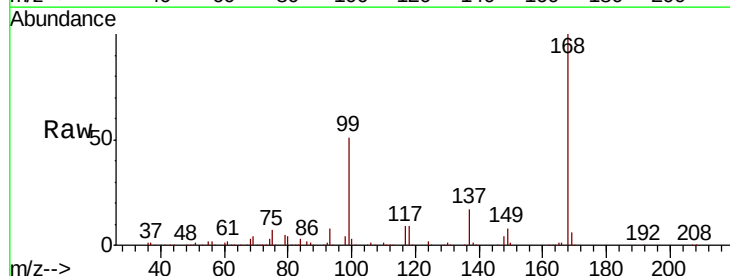
Instrument :
 MSVOA_W
 ClientSampled :
 SB-08

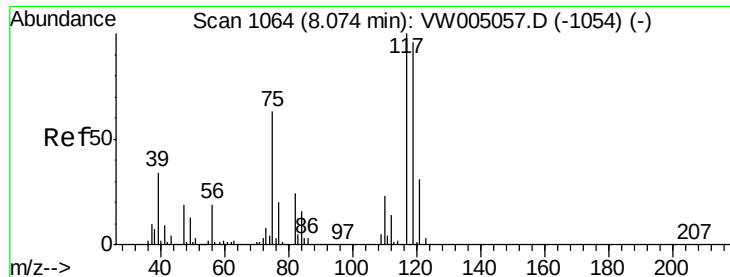
Tgt Ion: 113 Resp: 196605
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 22.3 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.616 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005212.D
 Acq: 07 Sep 2018 16:33

Tgt Ion: 75 Resp: 34135
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.9 56.7#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.302 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

SB-08

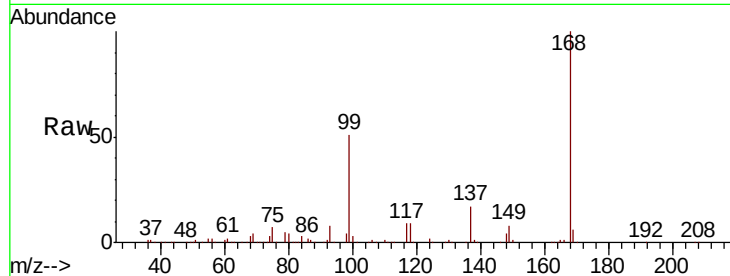
Tgt Ion:117 Resp: 44320

Ion Ratio Lower Upper

117 100

119 5.4 76.6 115.0#

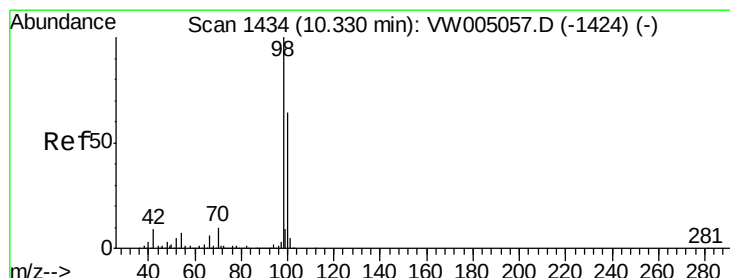
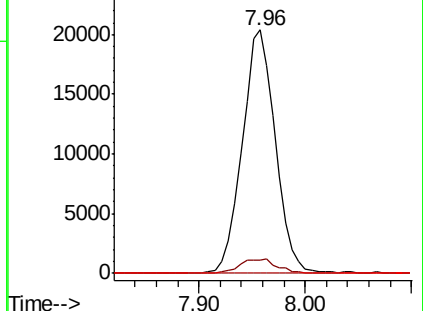
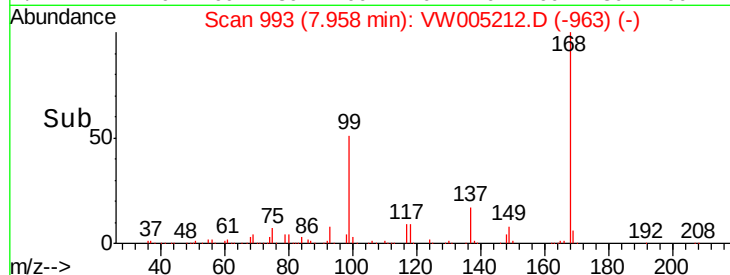
121 0.0 24.8 37.2#



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: 44.101 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005212.D

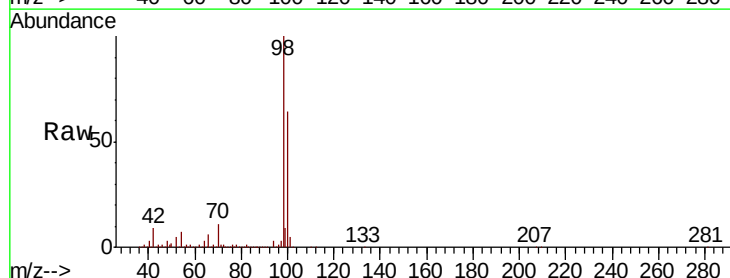
Acq: 07 Sep 2018 16:33

Tgt Ion: 98 Resp: 911913

Ion Ratio Lower Upper

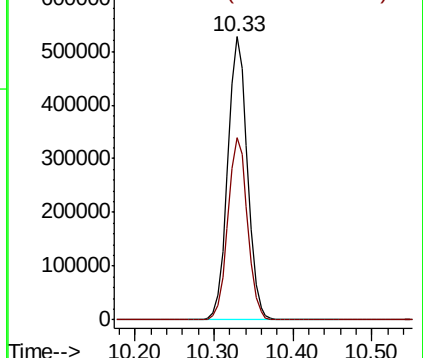
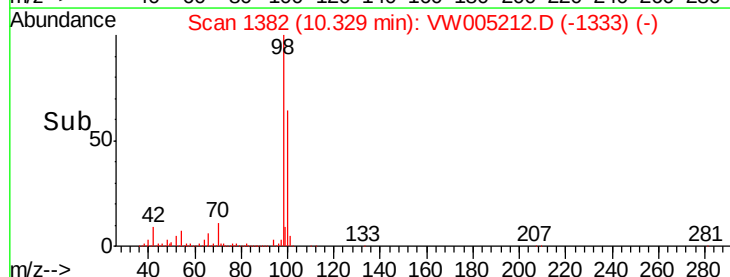
98 100

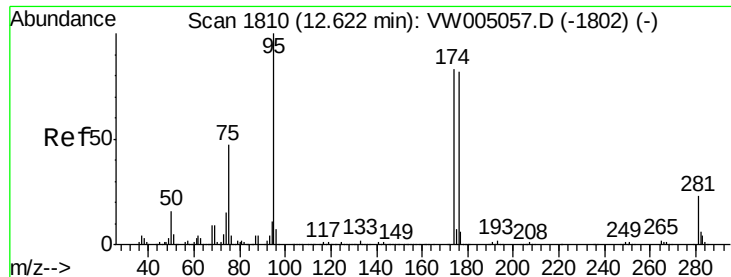
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

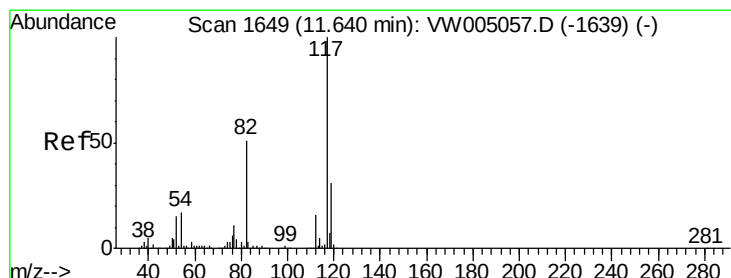
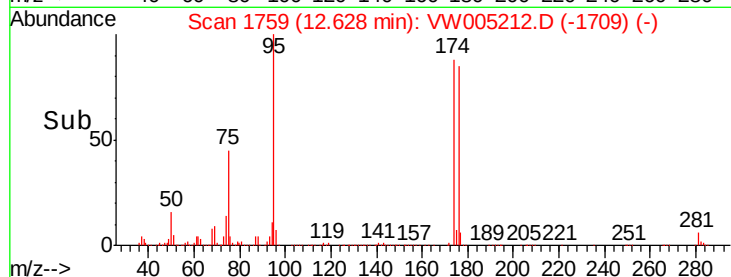
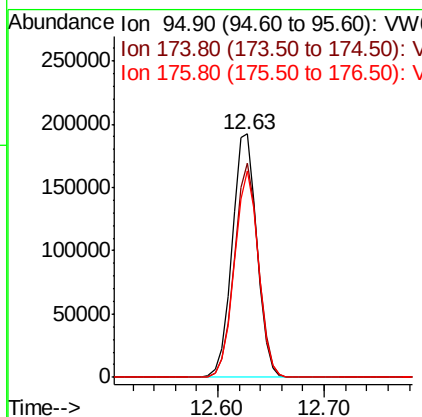
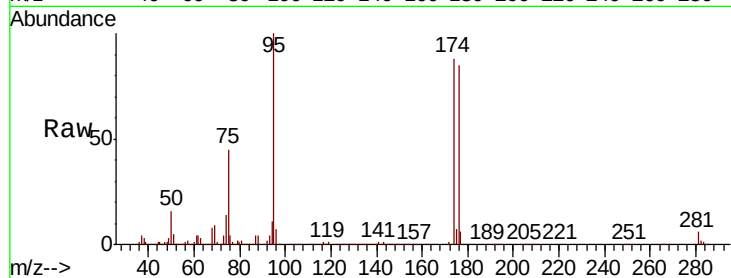




#62
4-Bromofluorobenzene
Concen: 42.925 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005212.D
Acq: 07 Sep 2018 16:33

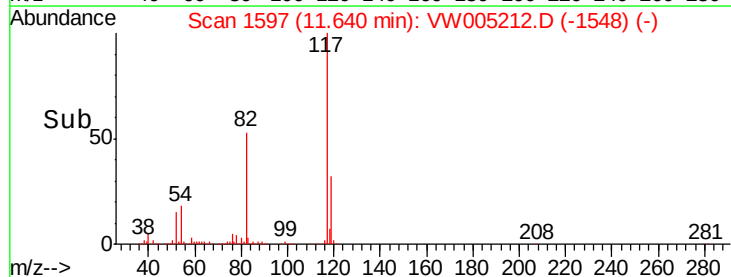
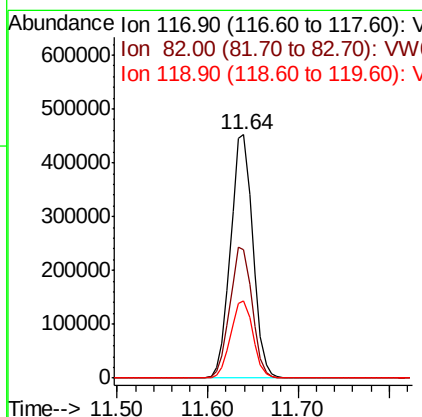
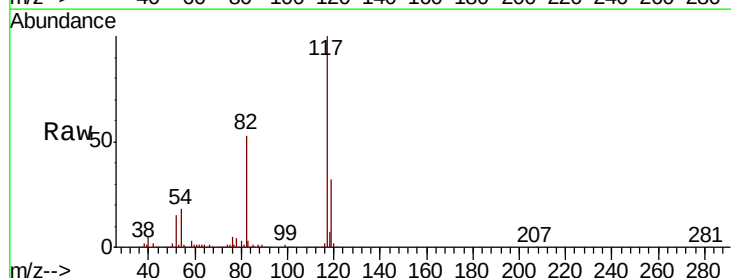
Instrument :
MSVOA_W
ClientSampled :
SB-08

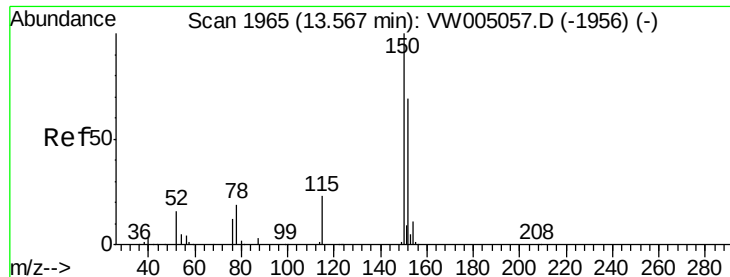
Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	173.4
176	82.7	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005212.D
Acq: 07 Sep 2018 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.9	61.3
119	31.8	24.9	37.3



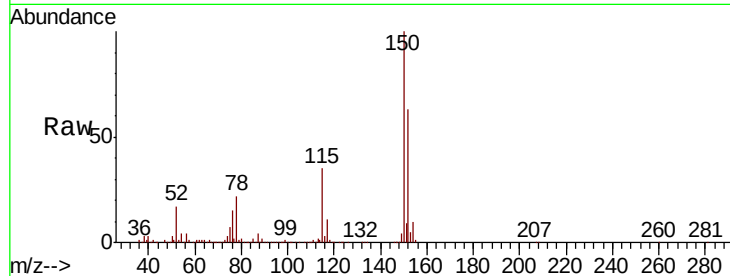


#72

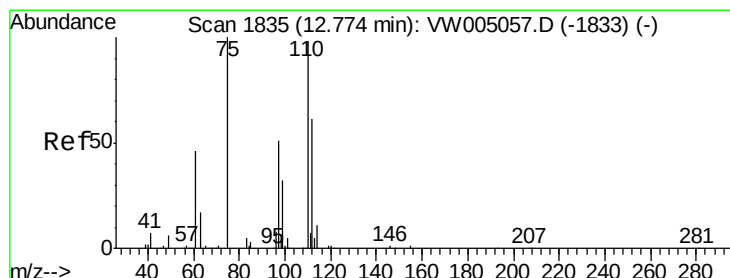
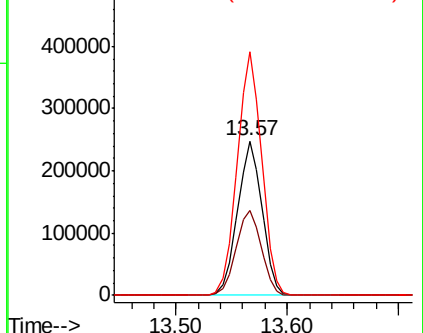
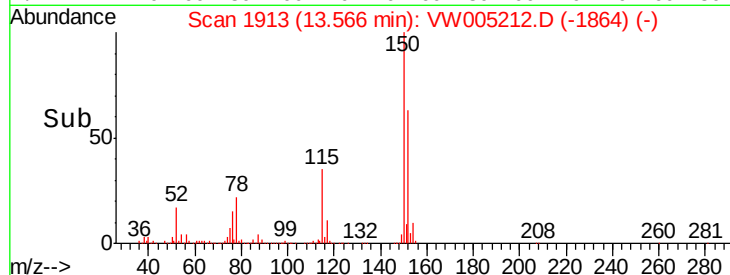
1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005212.D
 Acq: 07 Sep 2018 16:33

Instrument :
 MSVOA_W
 ClientSampled :
 SB-08

Tgt Ion:152 Resp: 376798
 Ion Ratio Lower Upper
 152 100
 115 56.5 27.8 83.4
 150 158.1 0.0 351.4



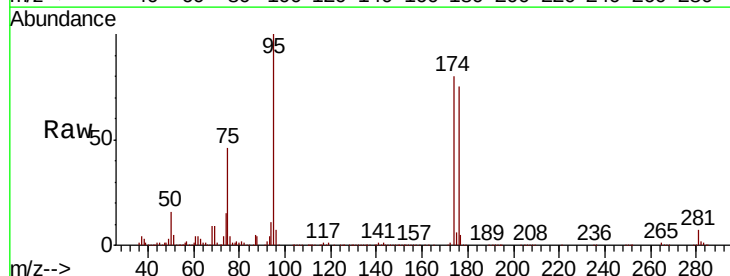
Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



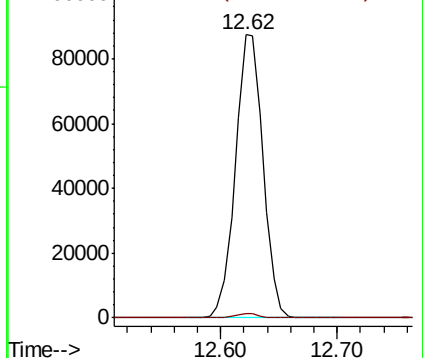
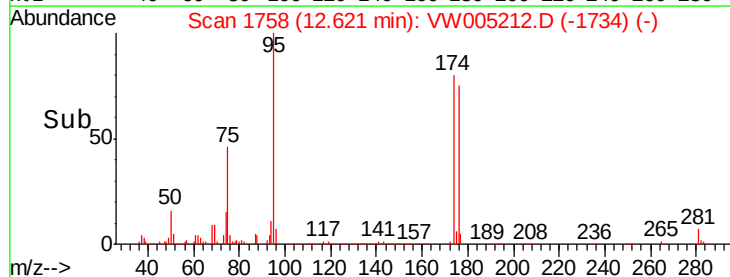
#76

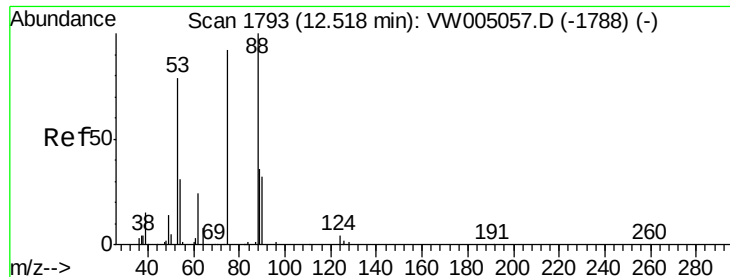
1,2,3-Trichloropropane
 Concen: 51.035 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005212.D
 Acq: 07 Sep 2018 16:33

Tgt Ion: 75 Resp: 144344
 Ion Ratio Lower Upper
 75 100
 77 1.4 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: 122.836 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

SB-08

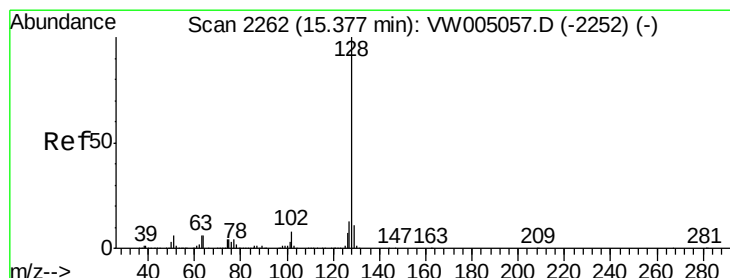
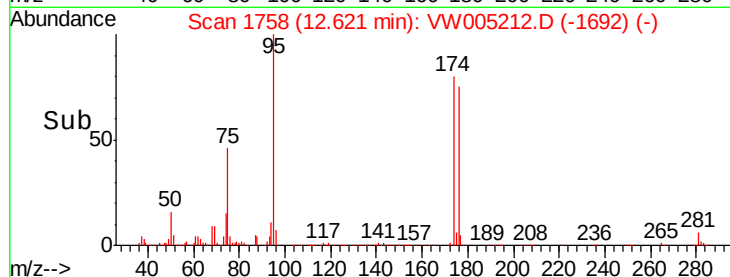
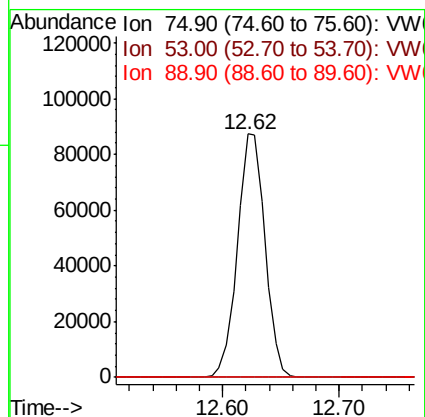
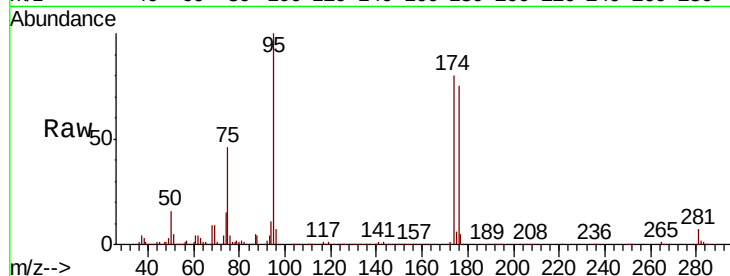
Tgt Ion: 75 Resp: 144344

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.1 36.0 54.0#



#95

Naphthalene

Concen: 4.073 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005212.D

Acq: 07 Sep 2018 16:33

Tgt Ion: 128 Resp: 1375

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 9.6 8.7 13.1

