

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005981.D
 Acq On : 10 Oct 2018 12:10
 Operator : SY/AP
 Sample : J5302-05RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

Quant Time: Oct 10 16:49:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184807	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	111708	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
35) Dibromofluoromethane	7.88	113	111291	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.33	98	421188	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.62	95	152041	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	

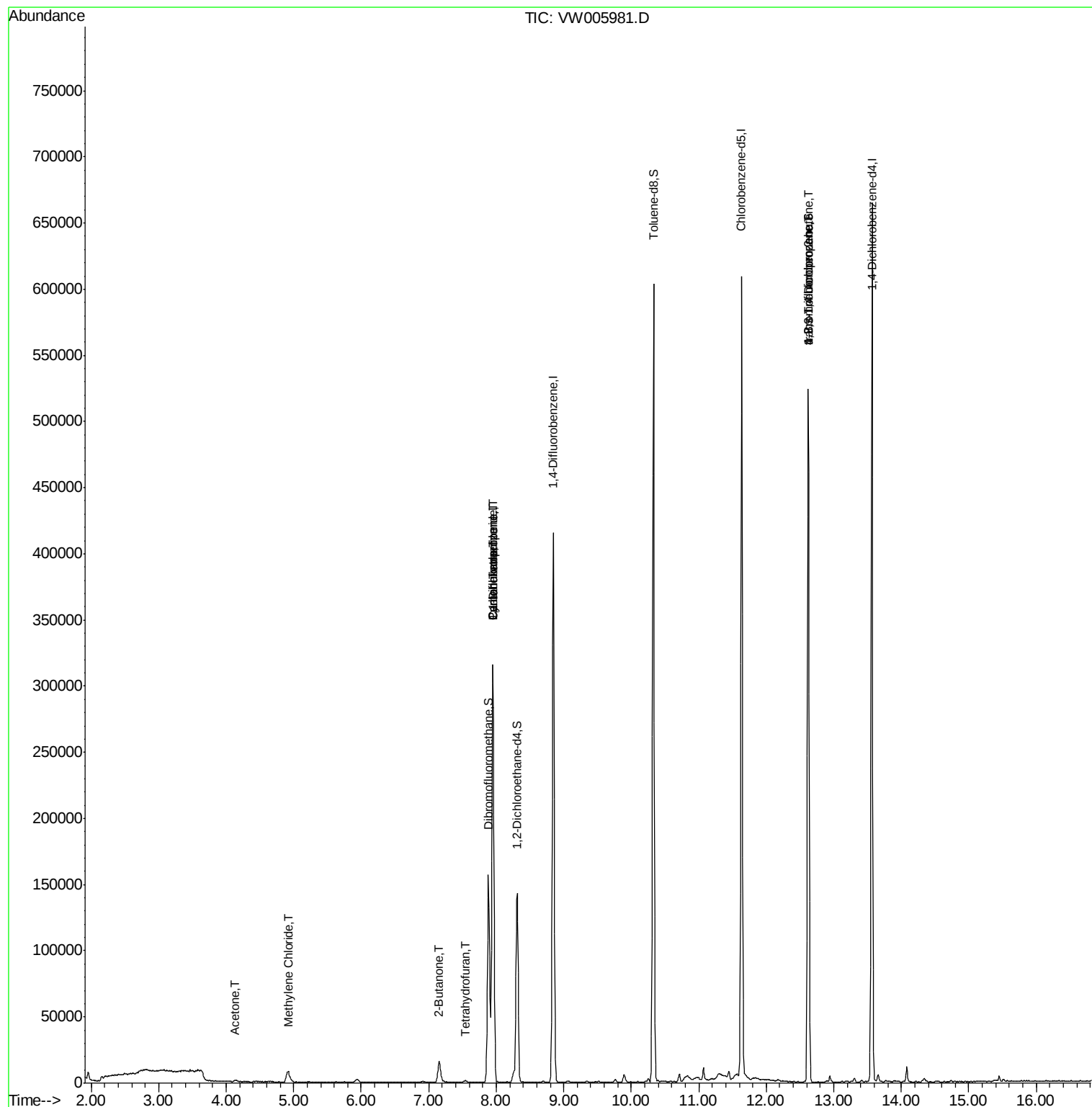
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2639	5.36	ug/l	100
20) Methylene Chloride	4.92	84	7373	2.99	ug/l #	82
25) 2-Butanone	7.16	43	913	1.30	ug/l #	49
29) Tetrahydrofuran	7.54	42	1200	2.71	ug/l #	83
31) Cyclohexane	7.95	56	4933	1.14	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17047	4.78	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23142	6.04	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	78179	47.36	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78179	99.98	ug/l #	11

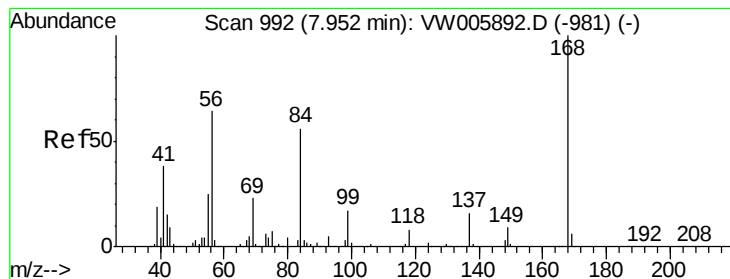
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
Data File : VW005981.D
Acq On : 10 Oct 2018 12:10
Operator : SY/AP
Sample : J5302-05RE
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-5-(14.5-15)

Quant Time: Oct 10 16:46:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

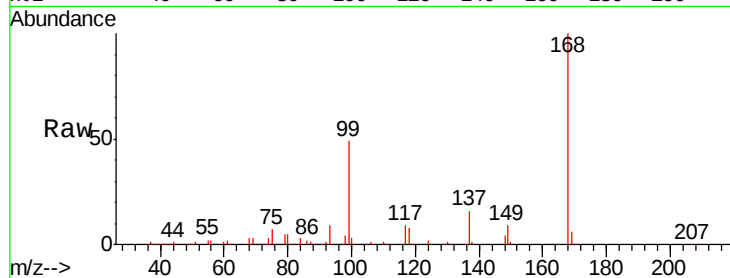
SB-5-(14.5-15)

Tgt Ion:168 Resp: 253734

Ion Ratio Lower Upper

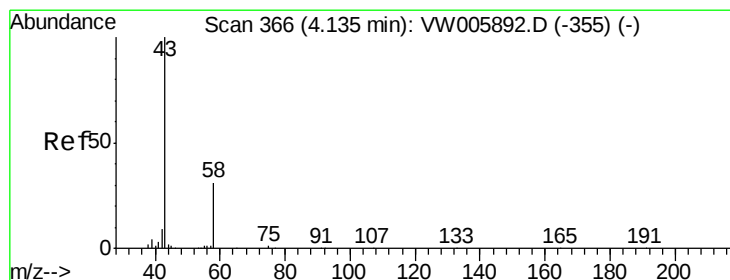
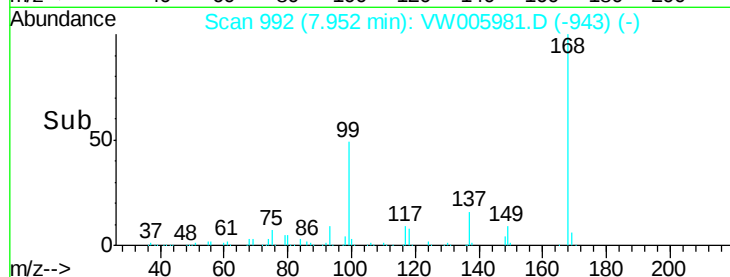
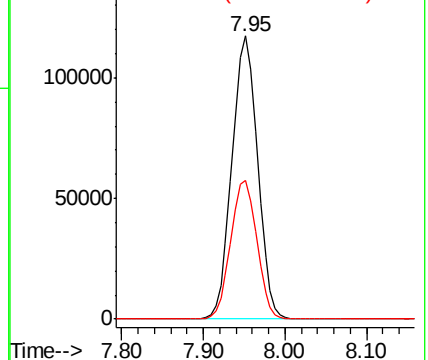
168 100

99 49.2 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.36 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW005981.D

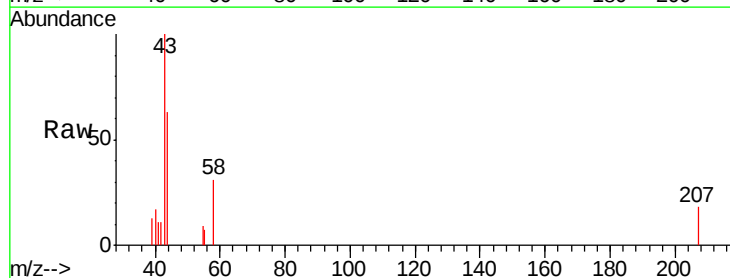
Acq: 10 Oct 2018 12:10

Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

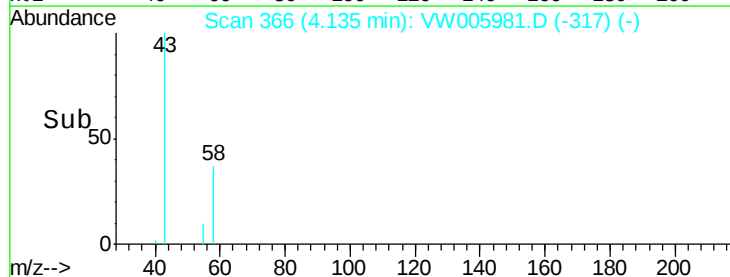
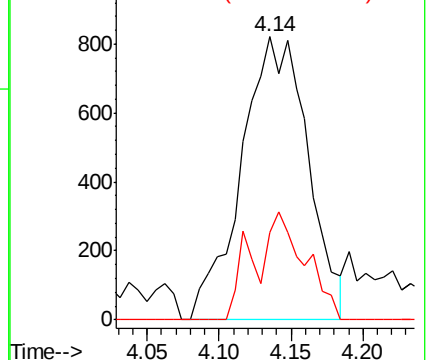
43 100

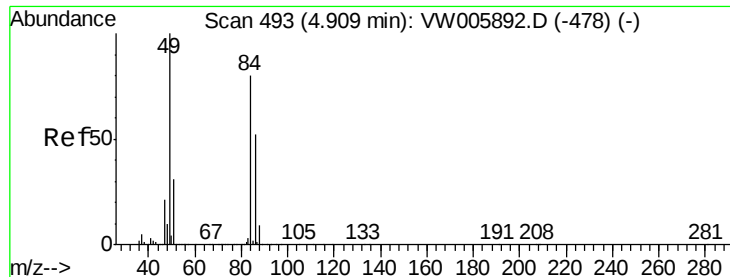
58 30.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.99 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

Tgt Ion: 84 Resp: 7373

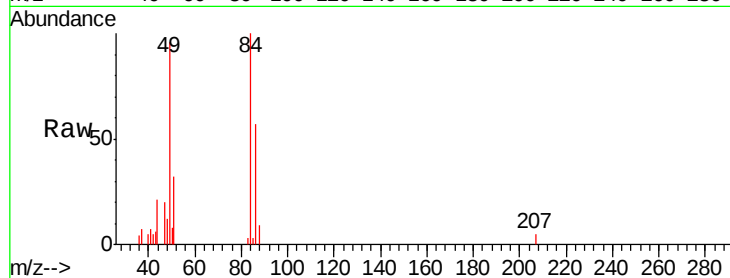
Ion Ratio Lower Upper

84 100

49 96.4 99.9 149.9#

51 31.6 31.1 46.7

86 57.4 51.8 77.6

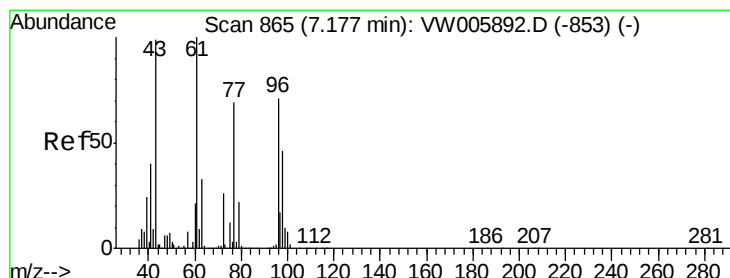
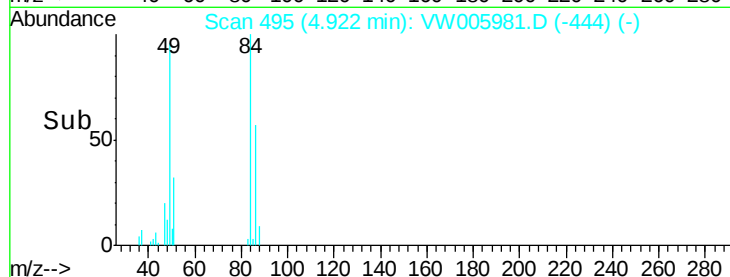
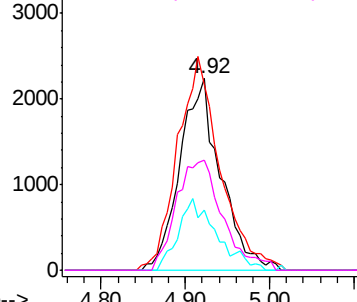


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 1.30 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005981.D

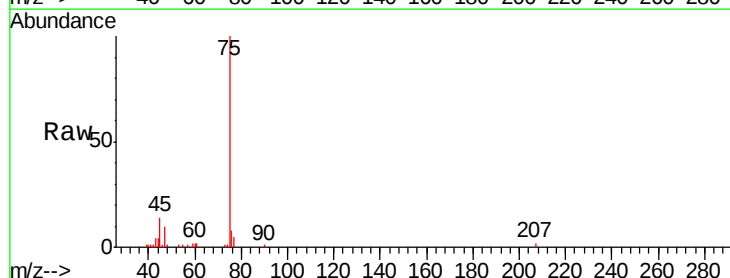
Acq: 10 Oct 2018 12:10

Tgt Ion: 43 Resp: 913

Ion Ratio Lower Upper

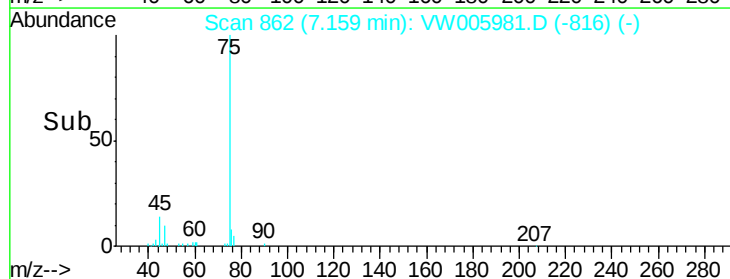
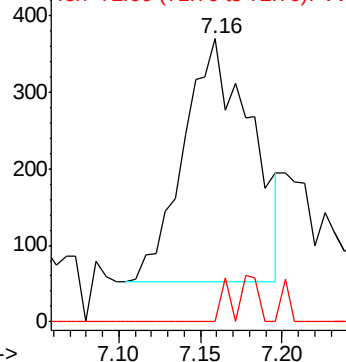
43 100

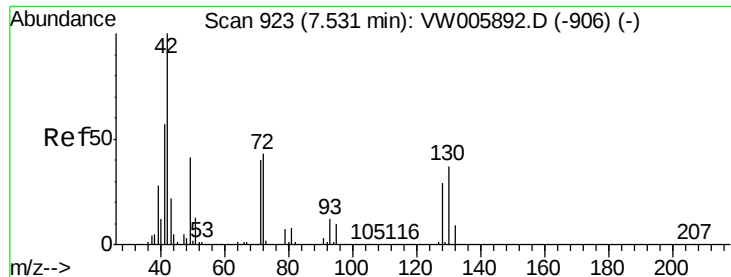
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

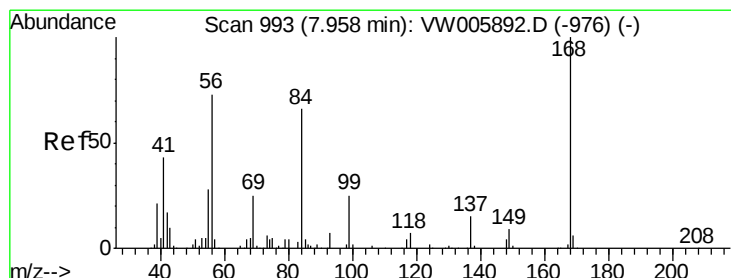
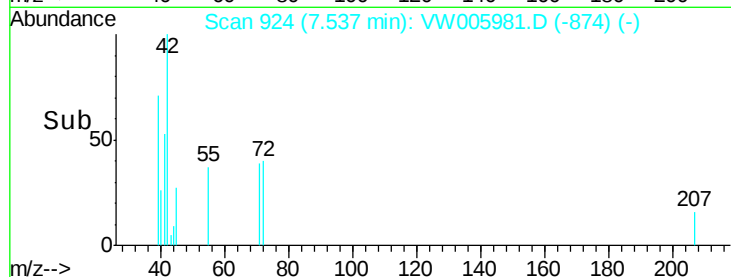
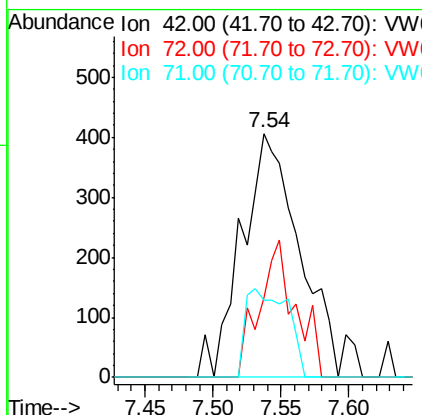
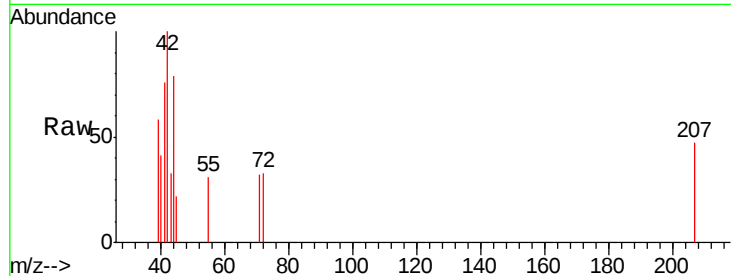




#29
Tetrahydrofuran
Concen: 2.71 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005981.D
Acq: 10 Oct 2018 12:10

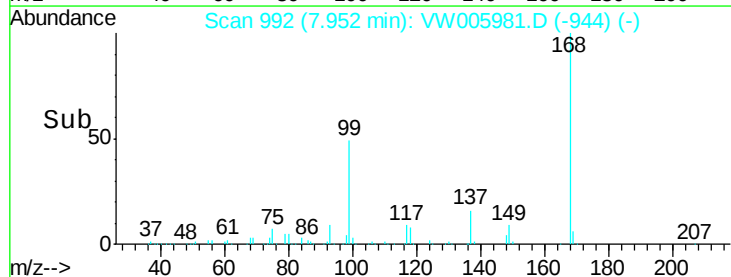
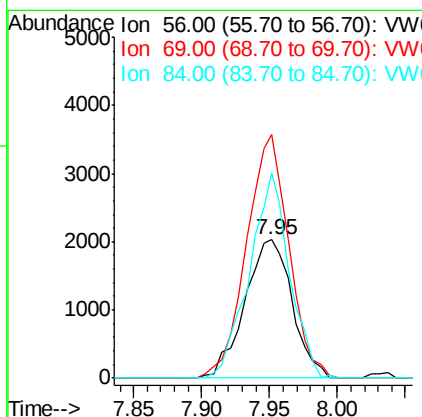
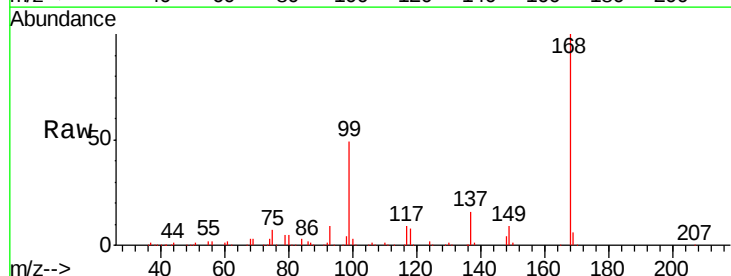
Instrument :
MSVOA_W
ClientSampleId :
SB-5-(14.5-15)

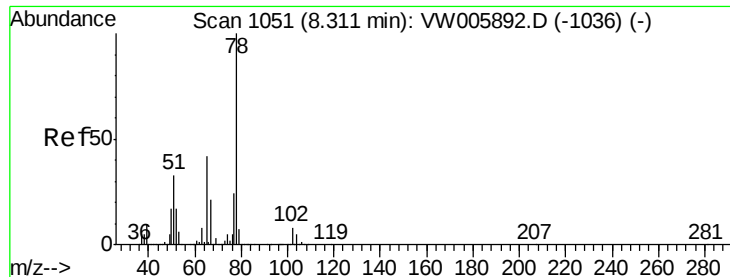
Tgt Ion: 42 Resp: 1200
Ion Ratio Lower Upper
42 100
72 35.3 34.6 51.8
71 26.5 32.6 49.0#



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005981.D
Acq: 10 Oct 2018 12:10

Tgt Ion: 56 Resp: 4933
Ion Ratio Lower Upper
56 100
69 176.0 27.9 41.9#
84 148.2 72.3 108.5#

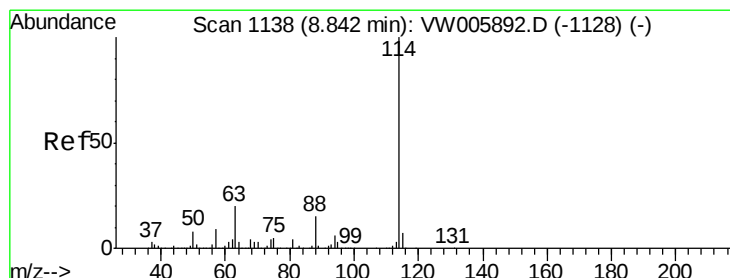
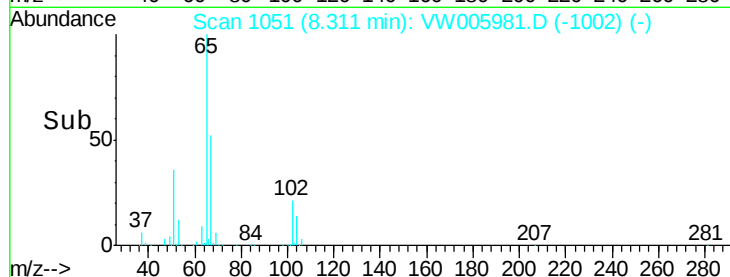
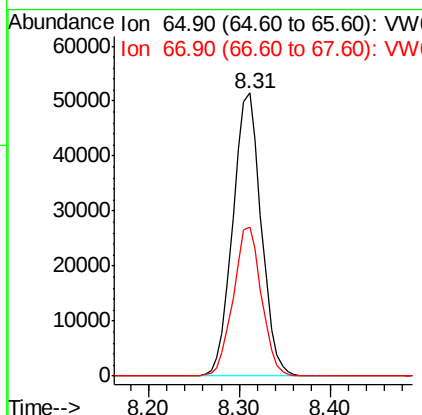
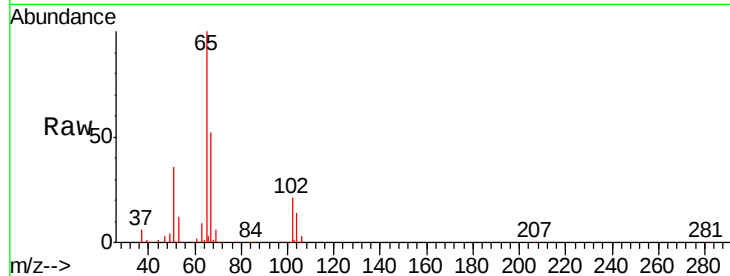




#33
 1,2-Dichloroethane-d4
 Concen: 45.35 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005981.D
 Acq: 10 Oct 2018 12:10

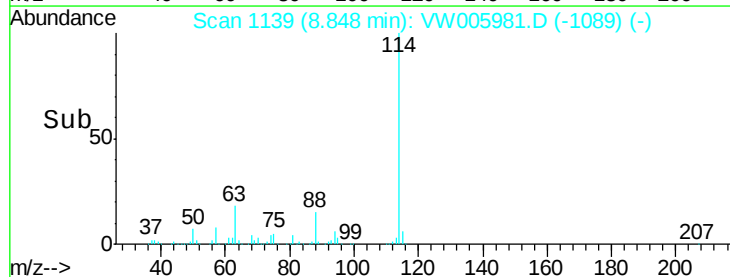
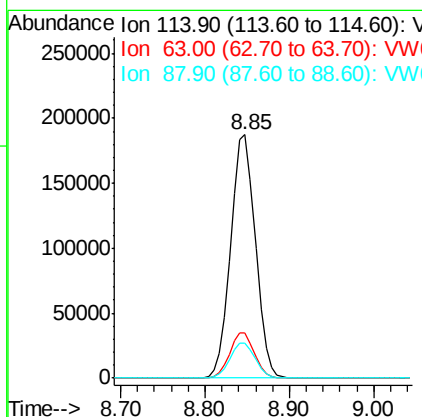
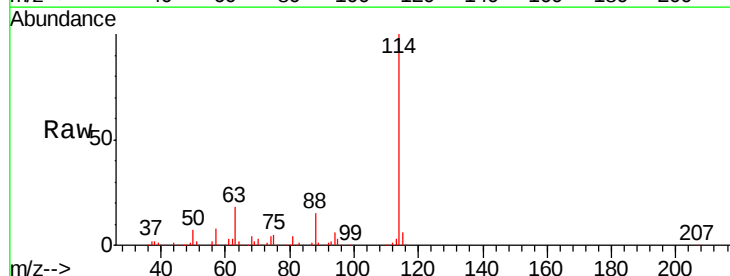
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

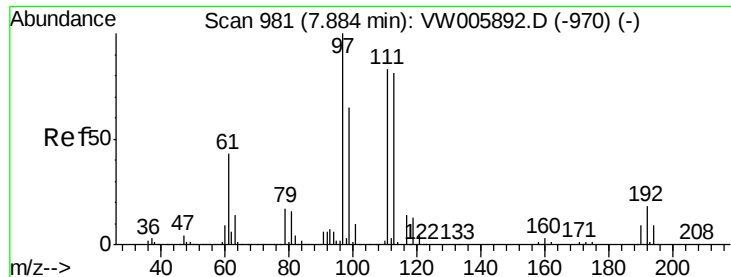
Tgt Ion: 65 Resp: 111708
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005981.D
 Acq: 10 Oct 2018 12:10

Tgt Ion: 114 Resp: 372384
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.6 0.0 30.8

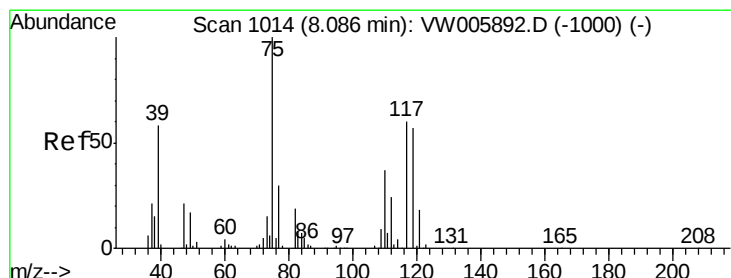
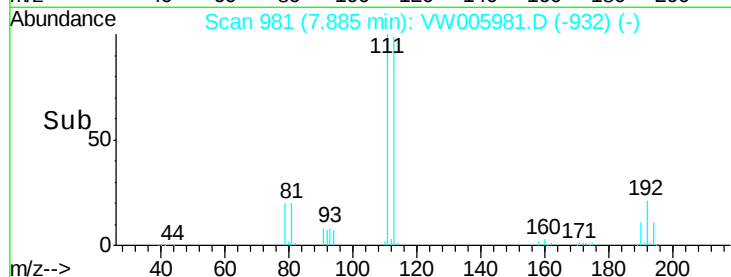
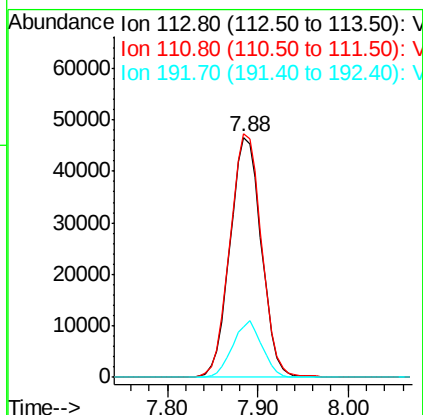
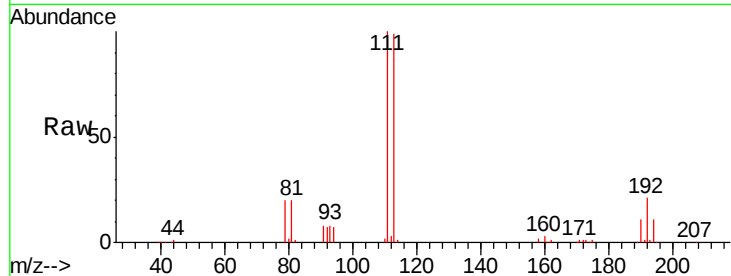




#35
 Dibromofluoromethane
 Concen: 46.81 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005981.D
 Acq: 10 Oct 2018 12:10

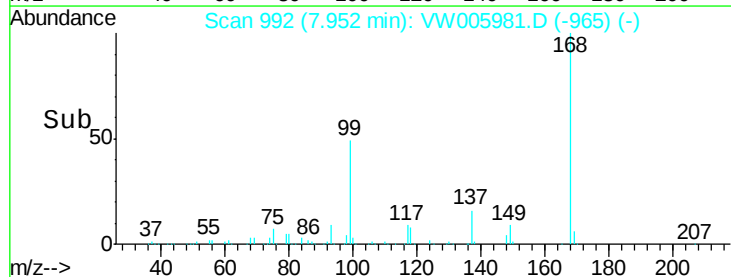
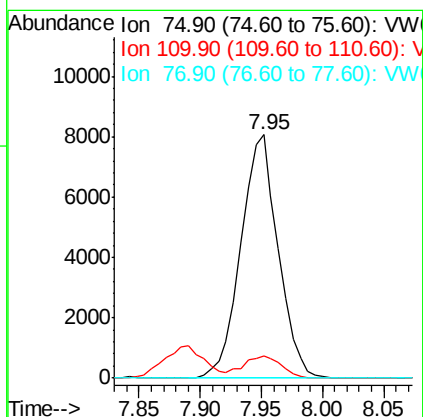
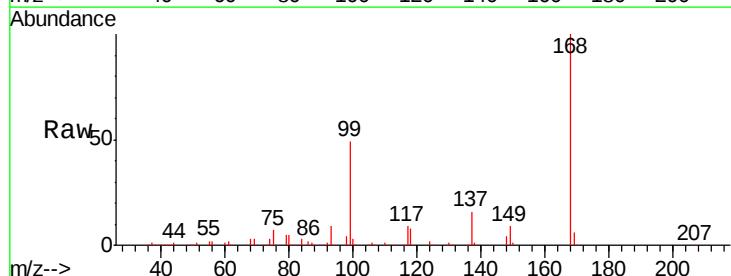
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

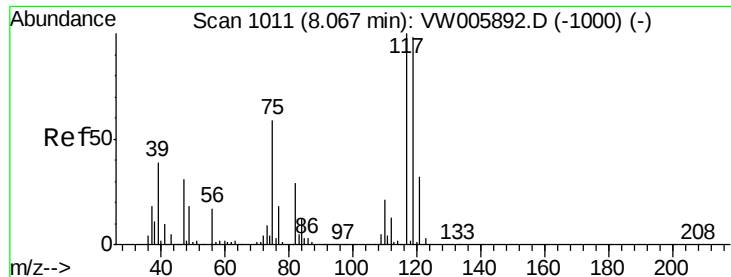
Tgt Ion:113 Resp: 111291
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 22.0 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005981.D
 Acq: 10 Oct 2018 12:10

Tgt Ion: 75 Resp: 17047
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.6 56.0#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.04 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

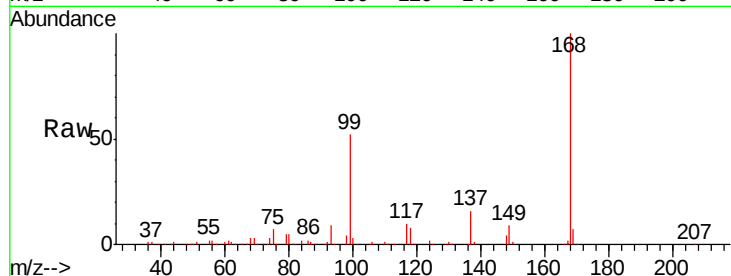
Tgt Ion:117 Resp: 23142

Ion Ratio Lower Upper

117 100

119 4.7 78.6 117.8#

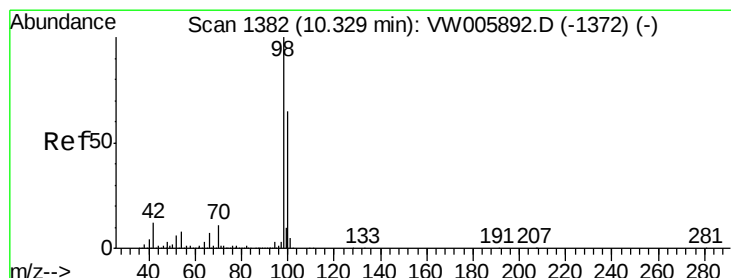
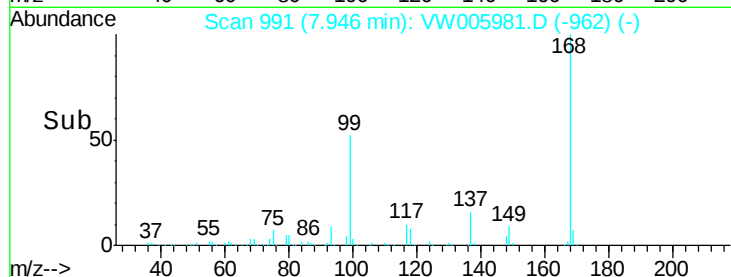
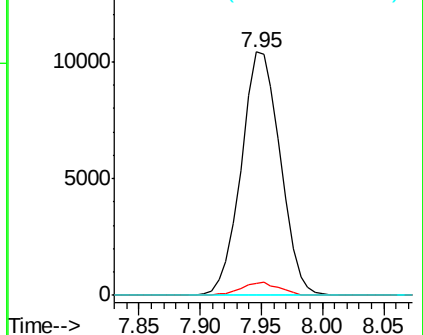
121 0.0 25.3 37.9#



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: 46.05 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005981.D

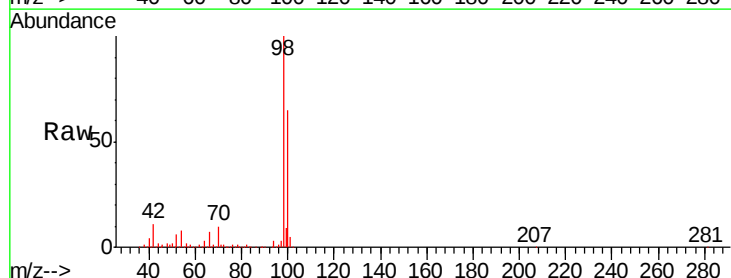
Acq: 10 Oct 2018 12:10

Tgt Ion: 98 Resp: 421188

Ion Ratio Lower Upper

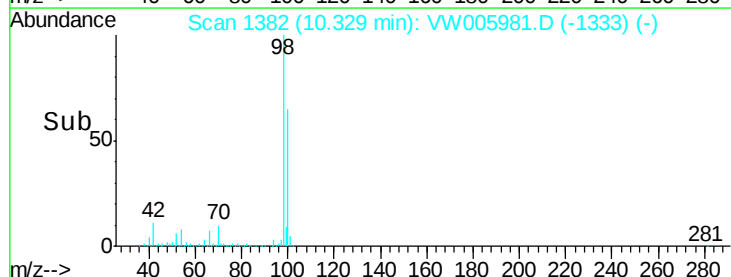
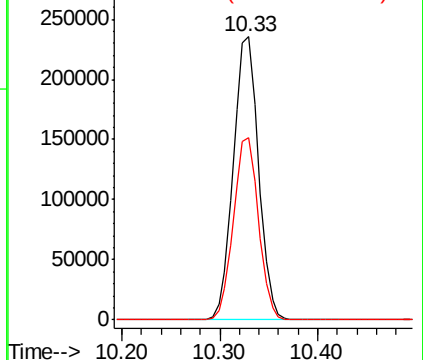
98 100

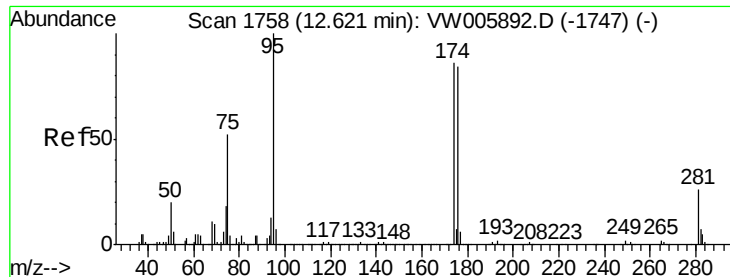
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

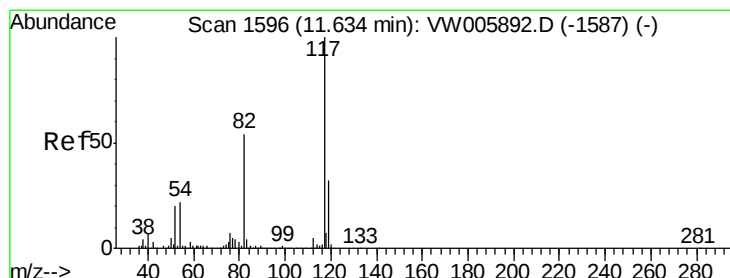
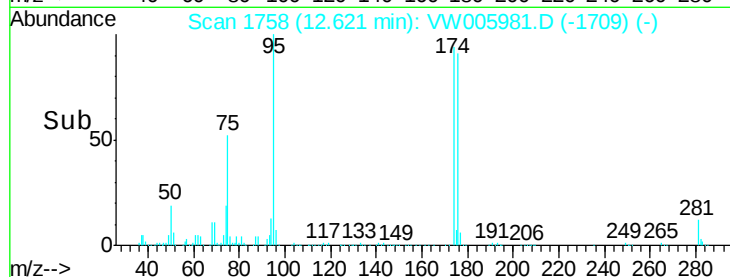
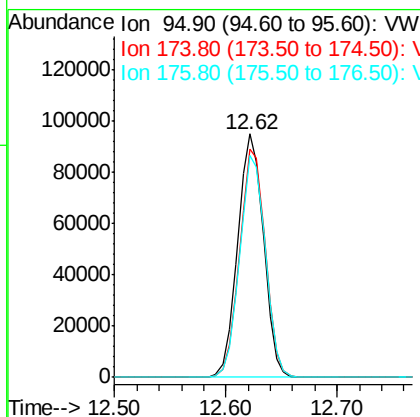
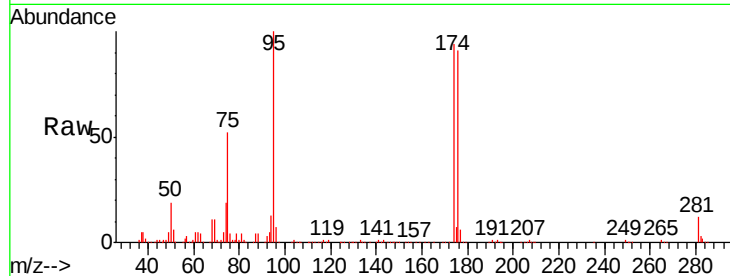




#62
4-Bromofluorobenzene
Concen: 43.69 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005981.D
Acq: 10 Oct 2018 12:10

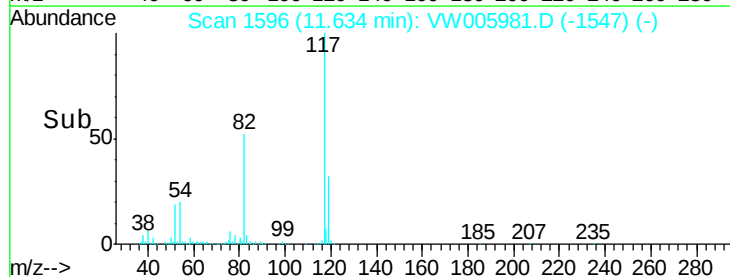
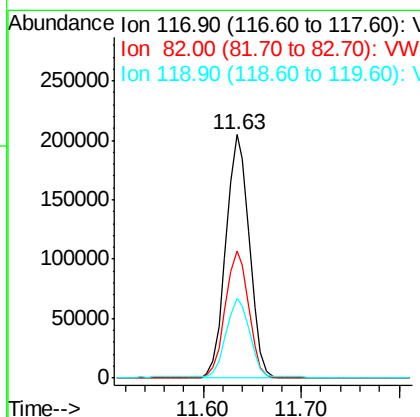
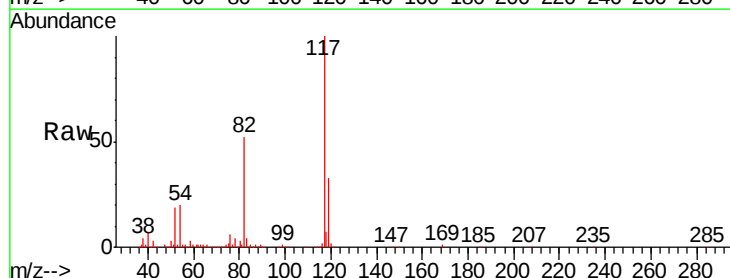
Instrument :
MSVOA_W
ClientSampleId :
SB-5-(14.5-15)

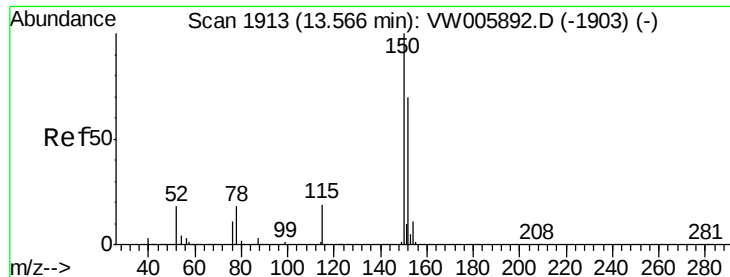
Tgt Ion: 95 Resp: 152041
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.4
176 91.0 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005981.D
Acq: 10 Oct 2018 12:10

Tgt Ion: 117 Resp: 340116
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

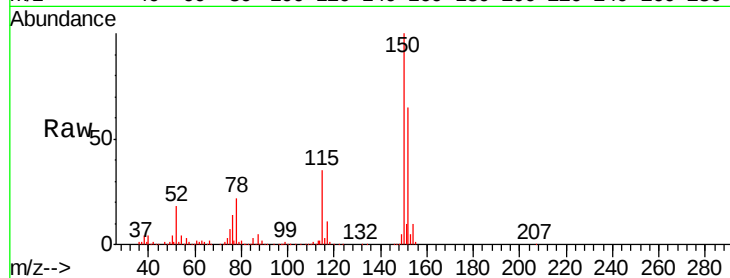
Tgt Ion: 152 Resp: 184807

Ion Ratio Lower Upper

152 100

115 54.5 28.3 85.0

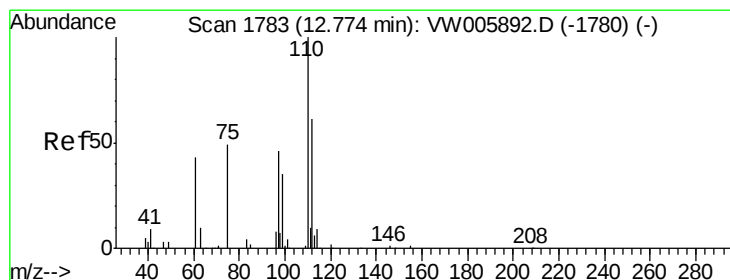
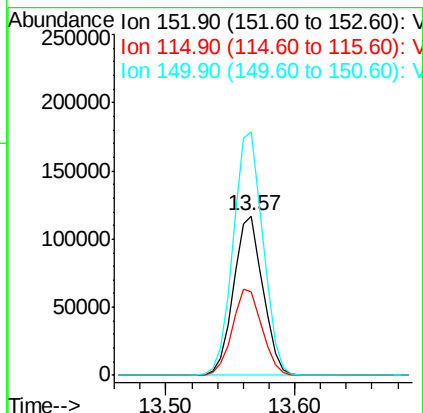
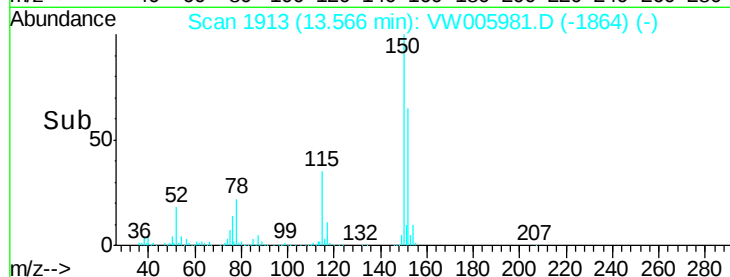
150 155.4 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 47.36 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005981.D

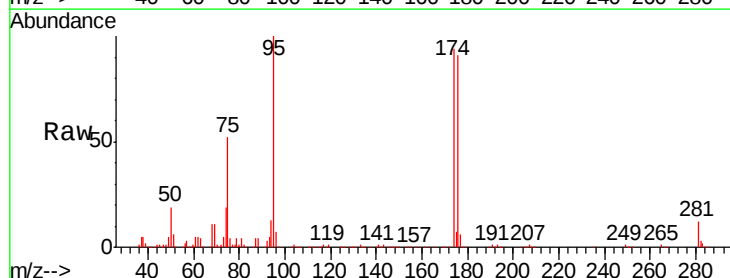
Acq: 10 Oct 2018 12:10

Tgt Ion: 75 Resp: 78179

Ion Ratio Lower Upper

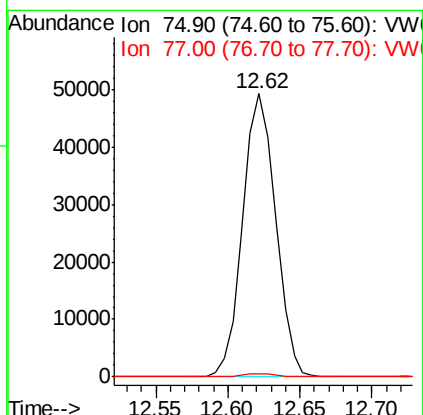
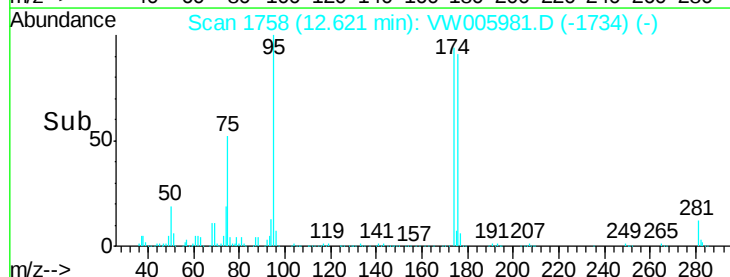
75 100

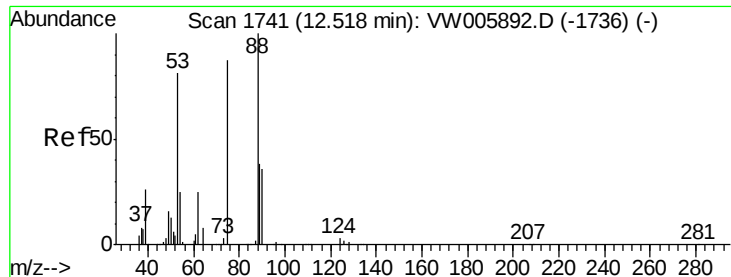
77 1.2 0.0 0.0#



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: 99.98 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

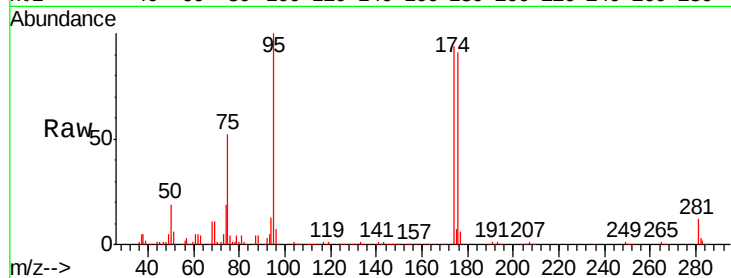
Tgt Ion: 75 Resp: 78179

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#



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

