

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006597.D
 Acq On : 02 Nov 2018 09:21
 Operator : SY/AP
 Sample : J5759-17RE
 Misc : 5.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Quant Time: Nov 02 11:41:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	90276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15992	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	25772	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	
35) Dibromofluoromethane	7.88	113	26285	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	10.33	98	69707	32.32	ug/l	0.00
Spiked Amount			Recovery	=	64.64%	
62) 4-Bromofluorobenzene	12.62	95	15870	20.30	ug/l	0.00
Spiked Amount			Recovery	=	40.60%	

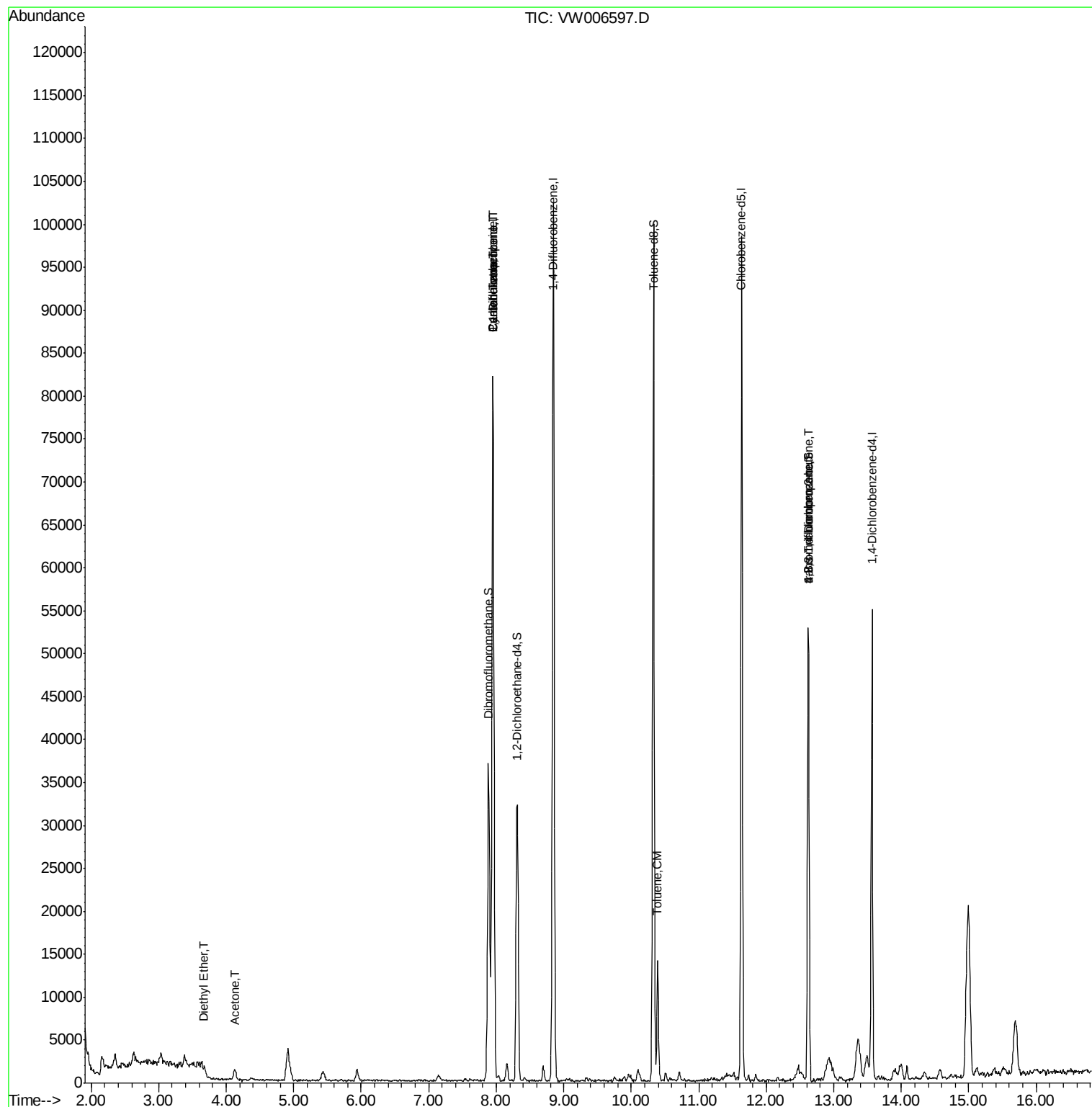
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	601	2.07	ug/l	# 54
16) Acetone	4.13	43	2272	24.32	ug/l	100
20) Methylene Chloride	4.91	84	2829	Below Cal	#	77
31) Cyclohexane	7.95	56	1499	1.63	ug/l	# 25
36) 1,1-Dichloropropene	7.95	75	4232	5.33	ug/l	# 45
38) Carbon Tetrachloride	7.95	117	5854	7.06	ug/l	# 18
52) Toluene	10.39	92	5980	3.95	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	7892	63.25	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	7892	157.74	ug/l	# 11

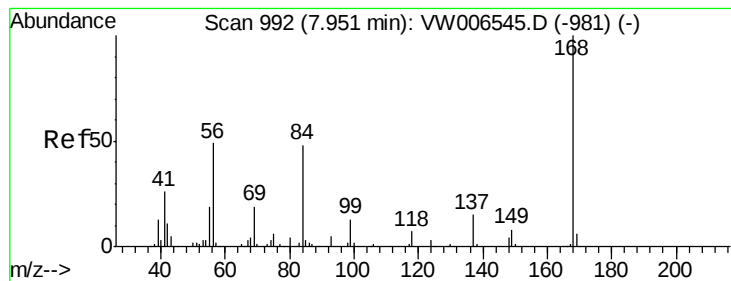
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
Data File : VW006597.D
Acq On : 02 Nov 2018 09:21
Operator : SY/AP
Sample : J5759-17RE
Misc : 5.79G/5ML/MSVOA_W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

Quant Time: Nov 02 11:41:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampled :

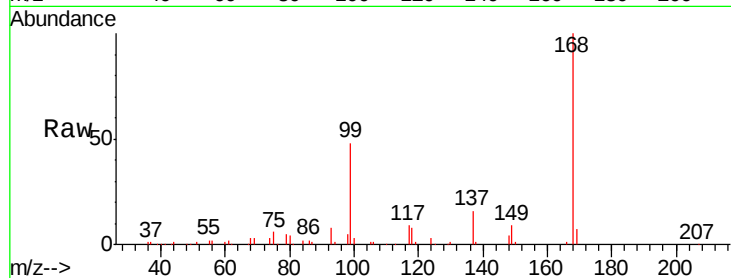
TP-5RE

Tgt Ion:168 Resp: 67314

Ion Ratio Lower Upper

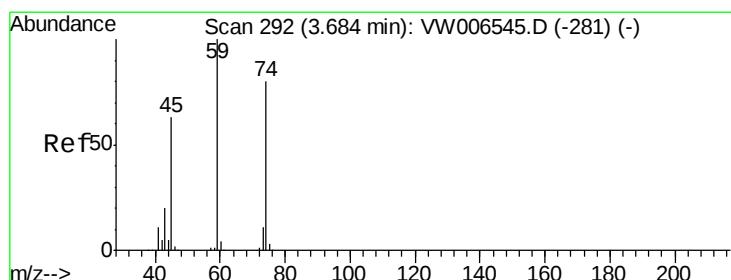
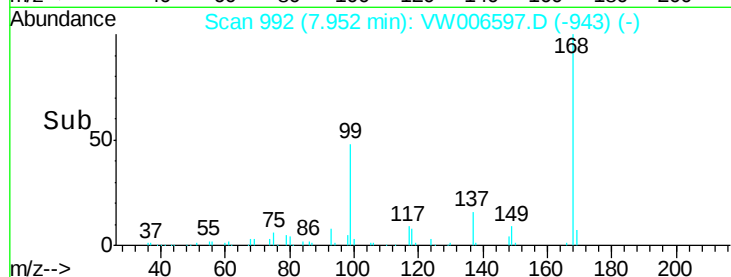
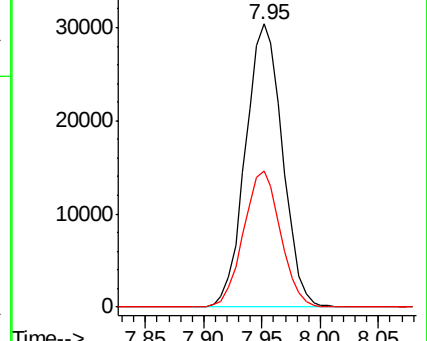
168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.07 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006597.D

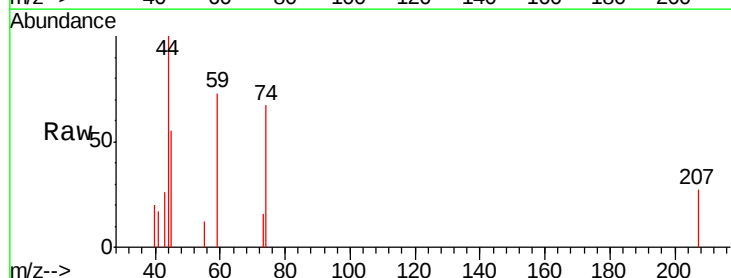
Acq: 02 Nov 2018 09:21

Tgt Ion: 74 Resp: 601

Ion Ratio Lower Upper

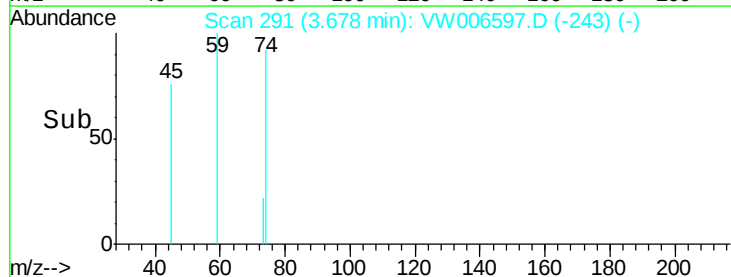
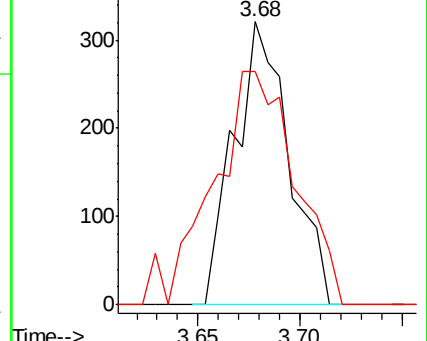
74 100

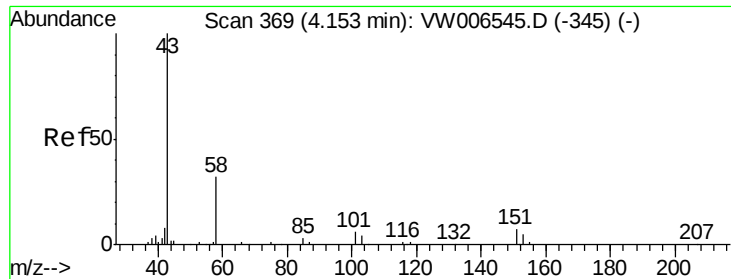
45 124.0 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 24.32 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampled :

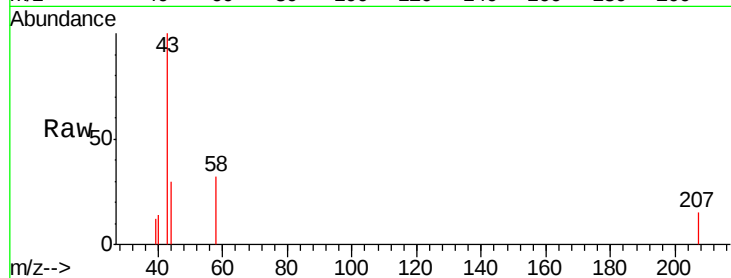
TP-5RE

Tgt Ion: 43 Resp: 2272

Ion Ratio Lower Upper

43 100

58 32.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

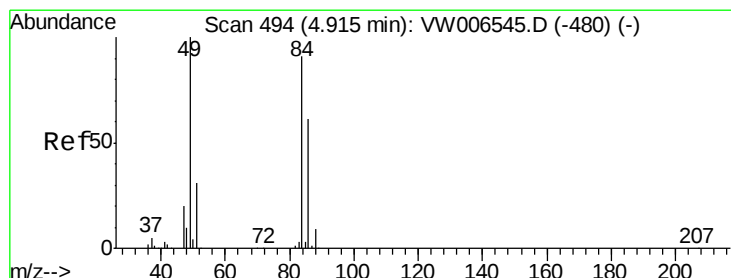
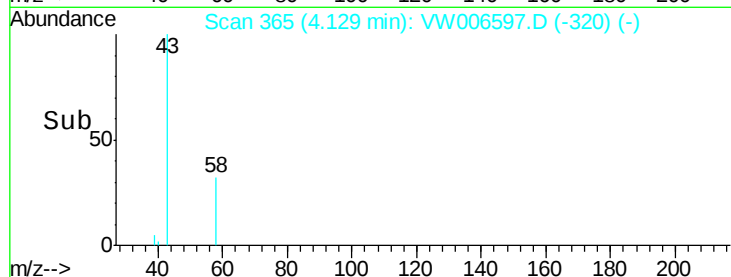
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Tgt Ion: 84 Resp: 2829

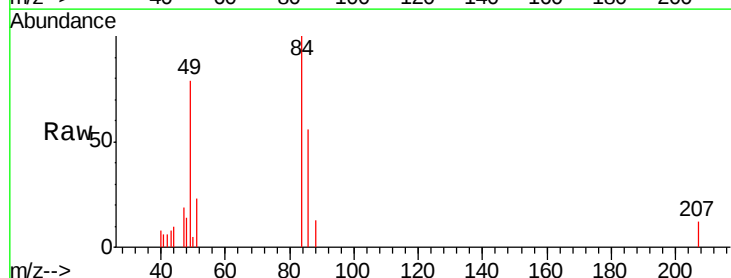
Ion Ratio Lower Upper

84 100

49 79.5 88.2 132.4#

51 22.8 27.0 40.6#

86 56.1 53.8 80.8



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

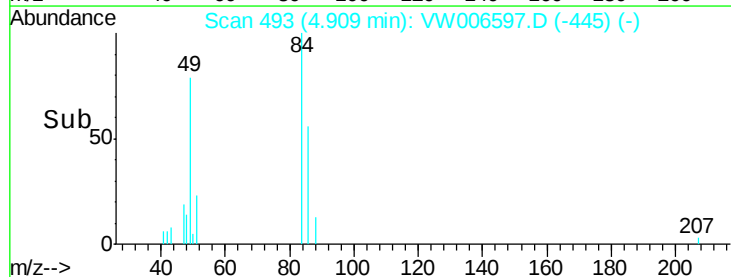
1500

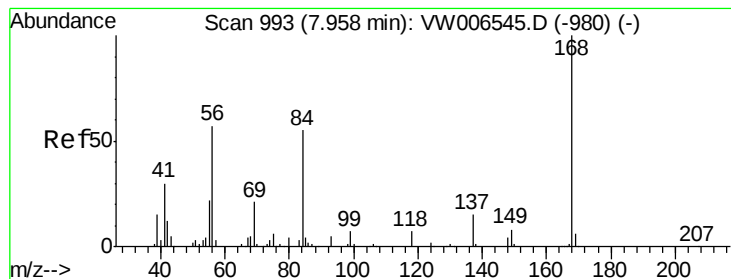
1000

500

0

Time-->





#31

Cyclohexane

Concen: 1.63 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampled :

TP-5RE

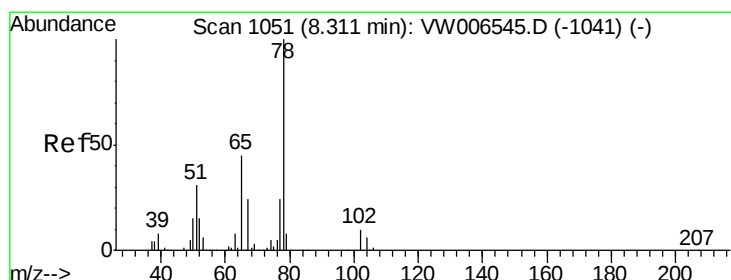
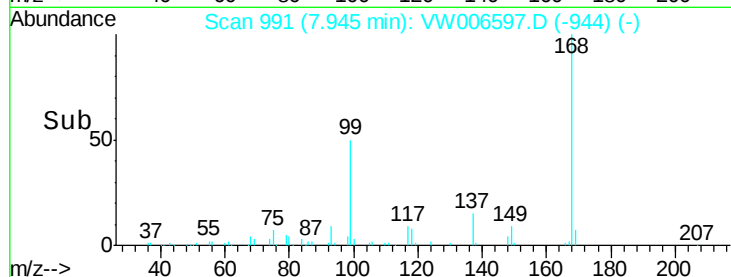
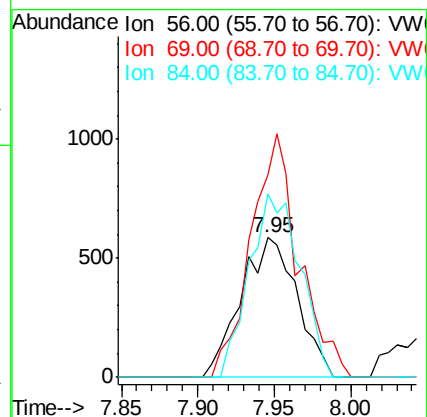
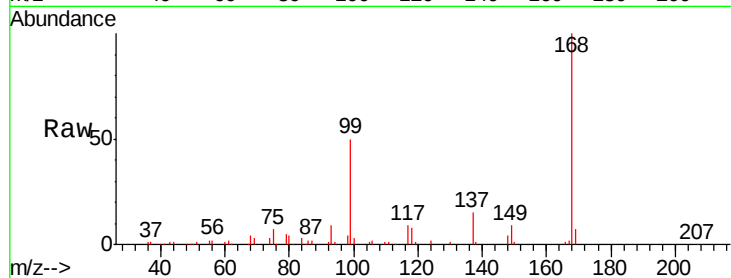
Tgt Ion: 56 Resp: 1499

Ion Ratio Lower Upper

56 100

69 144.6 29.0 43.4#

84 130.8 77.8 116.6#



#33

1,2-Dichloroethane-d4

Concen: 44.54 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006597.D

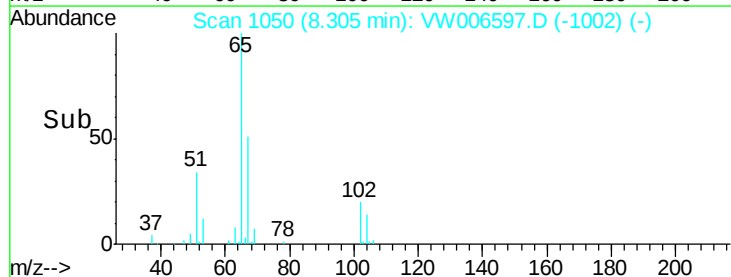
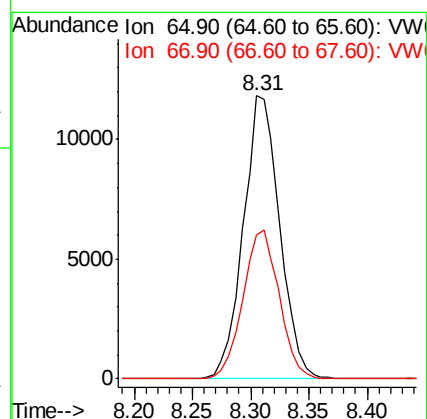
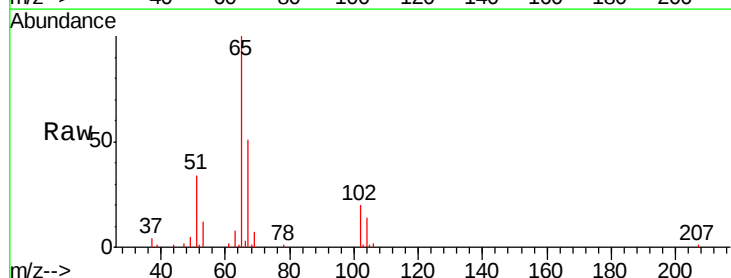
Acq: 02 Nov 2018 09:21

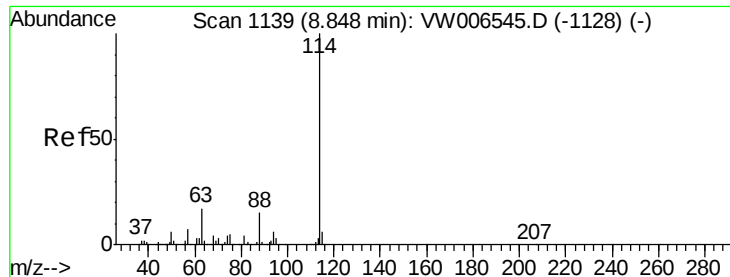
Tgt Ion: 65 Resp: 25772

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4

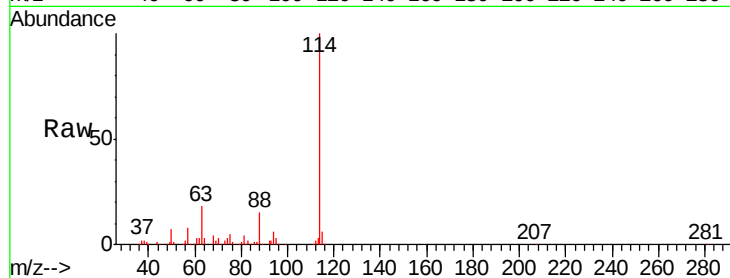




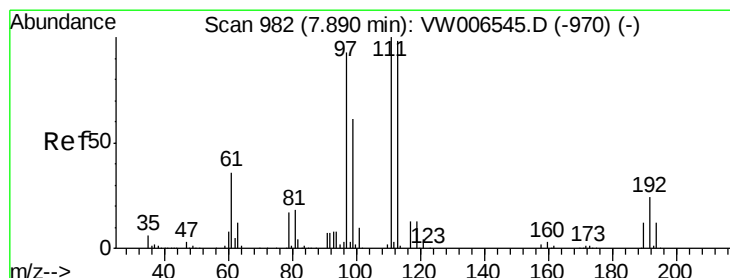
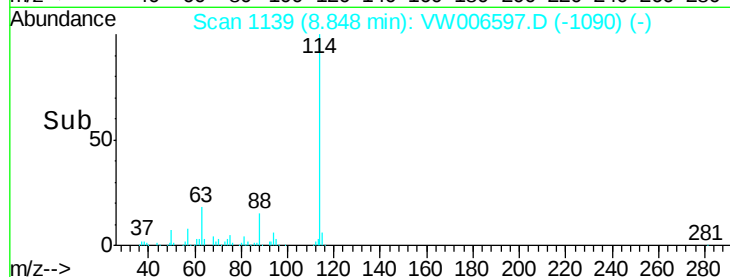
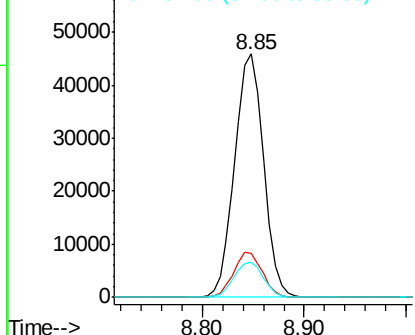
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006597.D
 Acq: 02 Nov 2018 09:21

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Tgt Ion:114 Resp: 90276
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 14.5 0.0 29.0

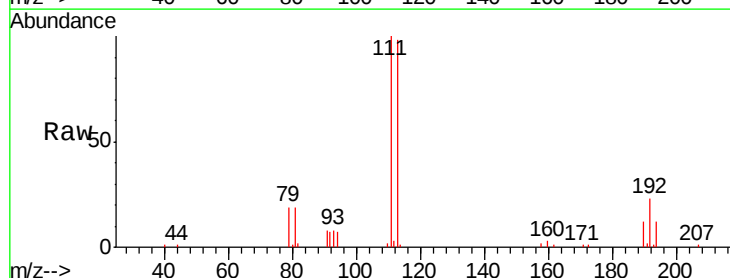


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

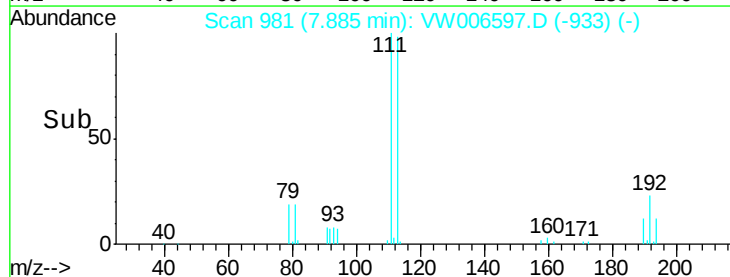
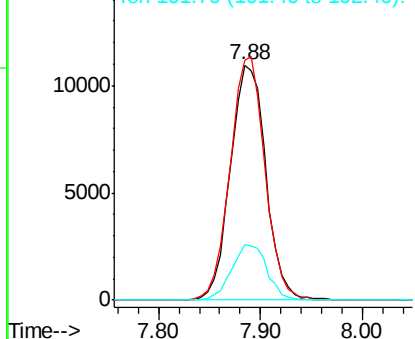


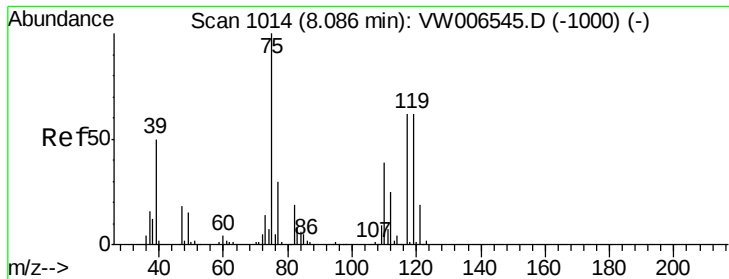
#35
 Dibromofluoromethane
 Concen: 46.39 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006597.D
 Acq: 02 Nov 2018 09:21

Tgt Ion:113 Resp: 26285
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.2
 192 23.4 19.0 28.6



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

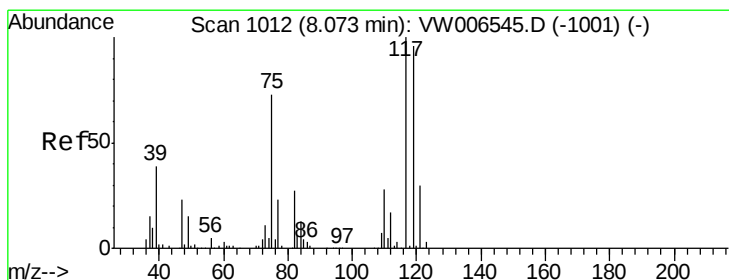
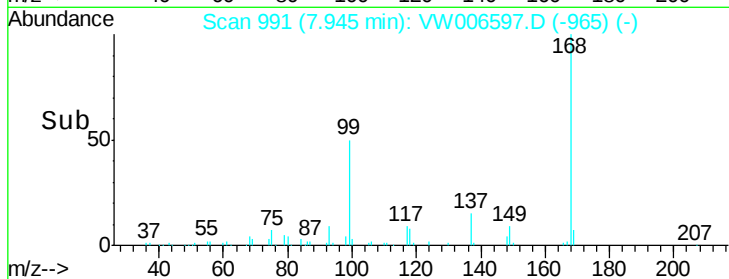
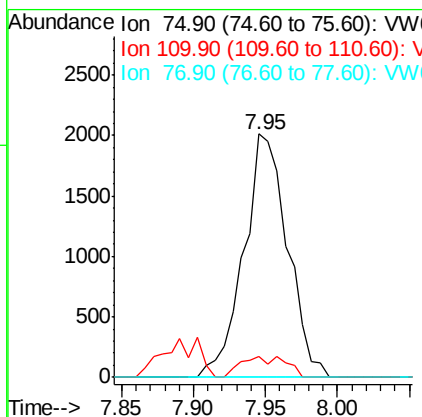
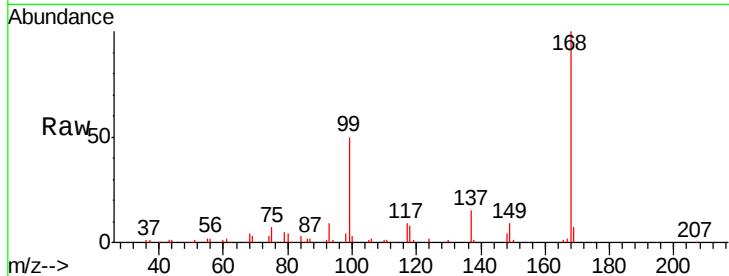




#36
 1,1-Dichloropropene
 Concen: 5.33 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006597.D
 Acq: 02 Nov 2018 09:21

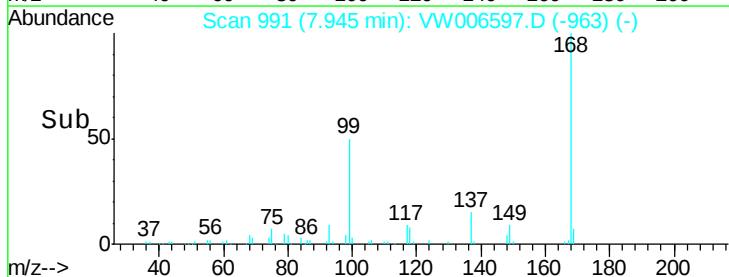
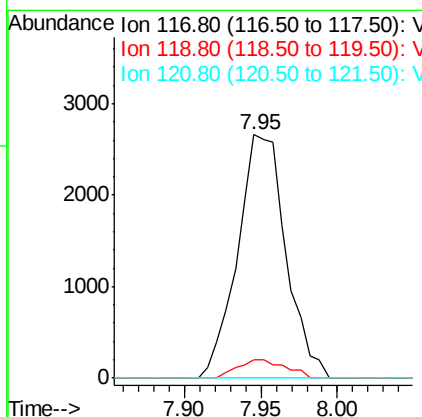
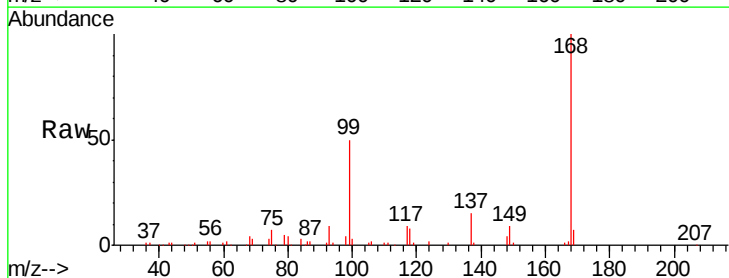
Instrument :
 MSVOA_W
 ClientSampled :
 TP-5RE

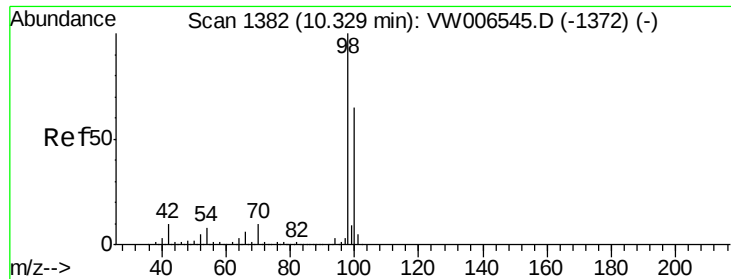
Tgt Ion: 75 Resp: 4232
 Ion Ratio Lower Upper
 75 100
 110 5.5 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.06 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006597.D
 Acq: 02 Nov 2018 09:21

Tgt Ion: 117 Resp: 5854
 Ion Ratio Lower Upper
 117 100
 119 7.7 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 32.32 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampleId :

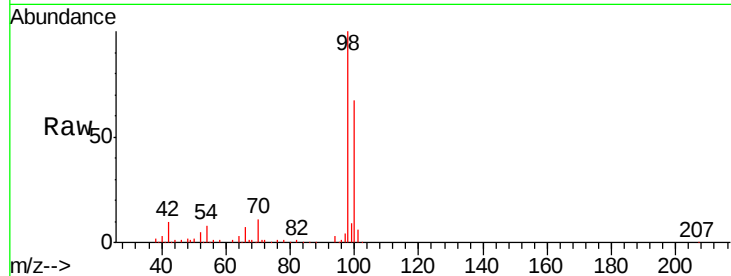
TP-5RE

Tgt Ion: 98 Resp: 69707

Ion Ratio Lower Upper

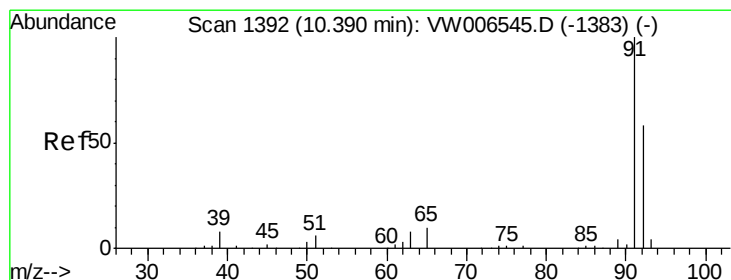
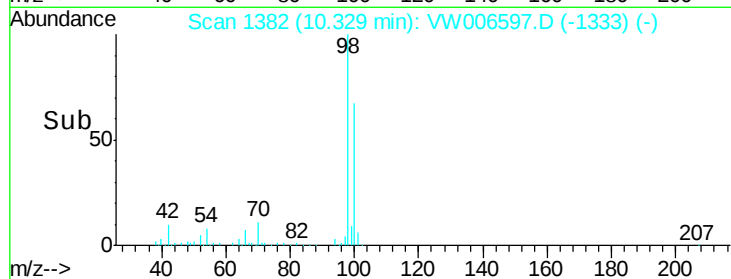
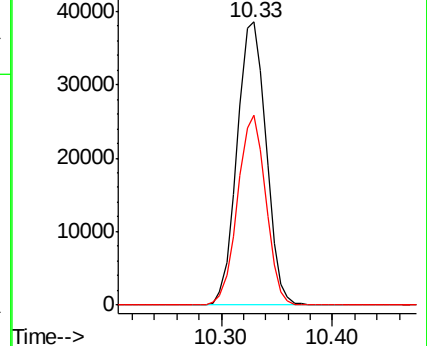
98 100

100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 3.95 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006597.D

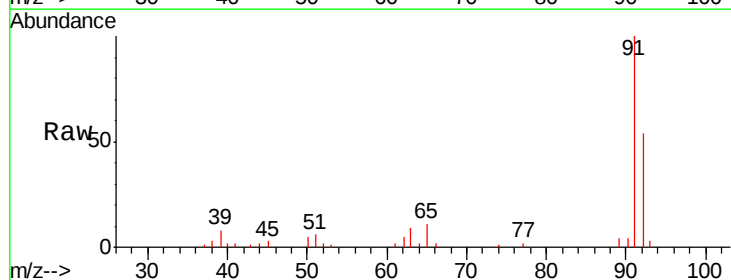
Acq: 02 Nov 2018 09:21

Tgt Ion: 92 Resp: 5980

Ion Ratio Lower Upper

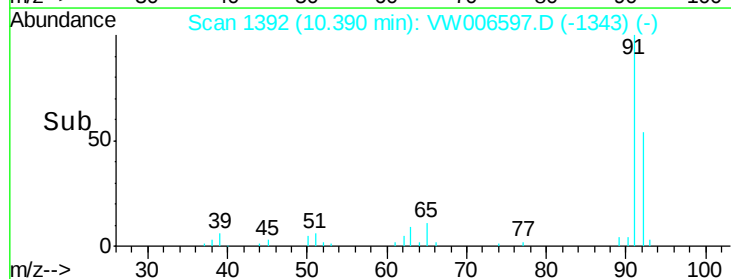
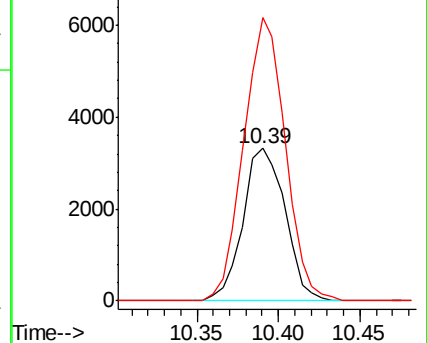
92 100

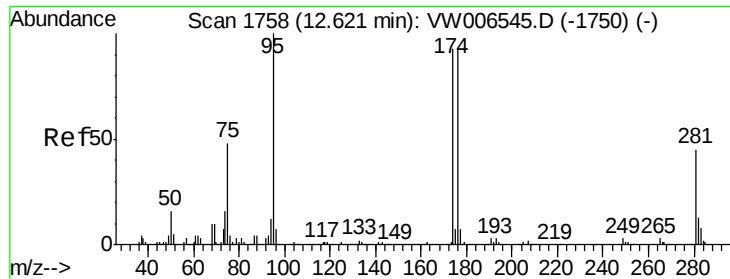
91 182.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 20.30 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampled :

TP-5RE

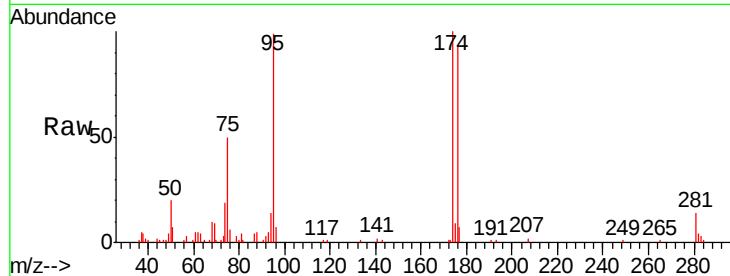
Tgt Ion: 95 Resp: 15870

Ion Ratio Lower Upper

95 100

174 99.3 0.0 192.4

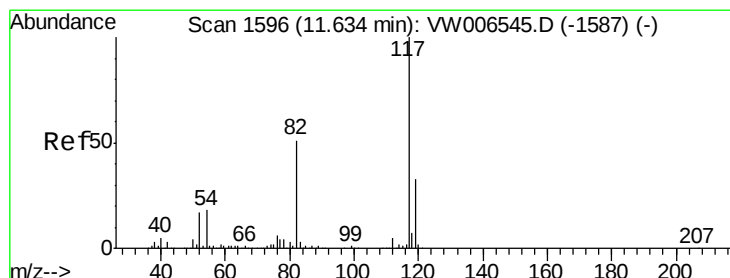
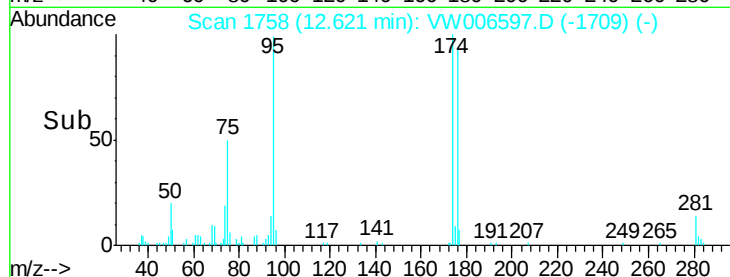
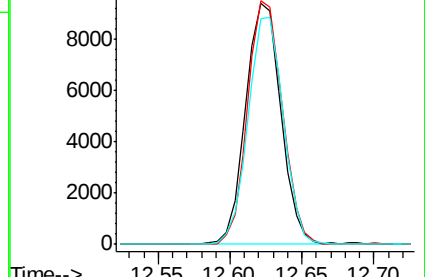
176 94.0 0.0 187.4



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: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

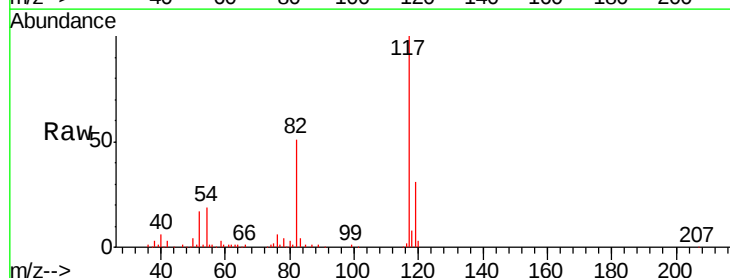
Tgt Ion: 117 Resp: 57536

Ion Ratio Lower Upper

117 100

82 50.6 40.8 61.2

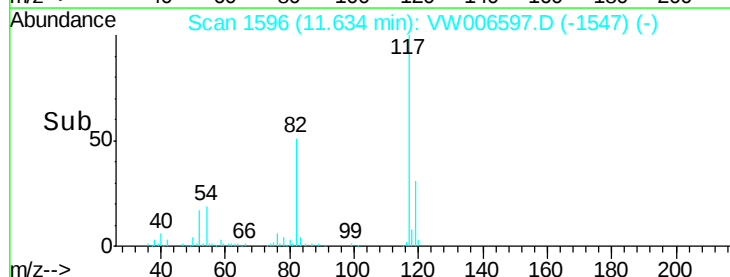
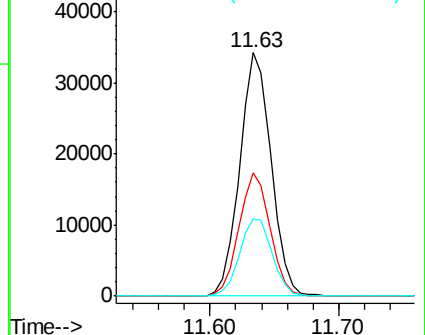
119 31.5 26.1 39.1

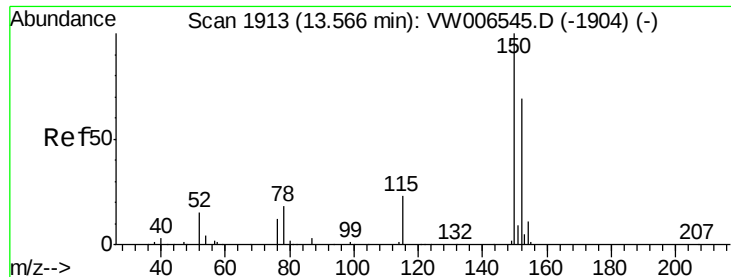


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1913

Delta R.T. 0.00 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampleId :

TP-5RE

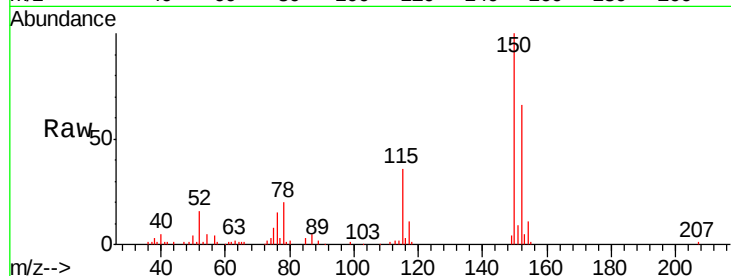
Tgt Ion:152 Resp: 15992

Ion Ratio Lower Upper

152 100

115 54.3 26.6 79.8

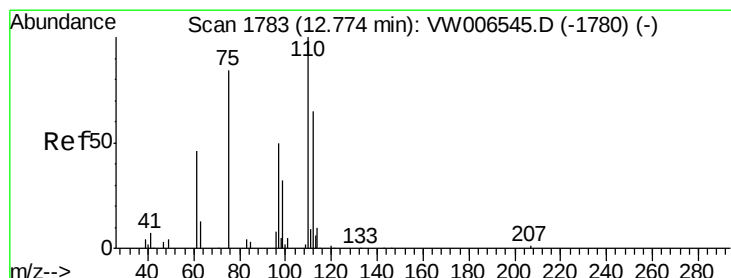
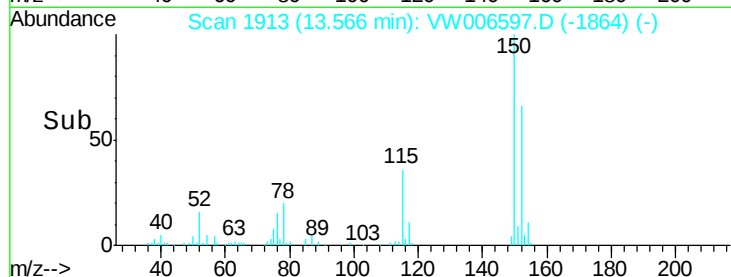
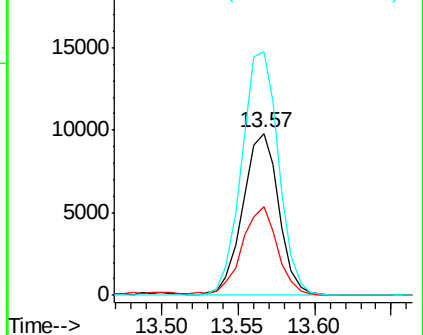
150 154.7 0.0 344.6



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: 63.25 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006597.D

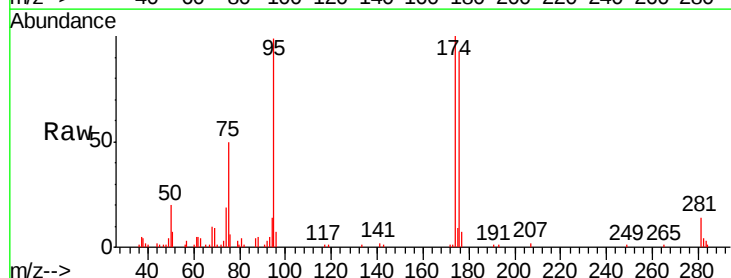
Acq: 02 Nov 2018 09:21

Tgt Ion: 75 Resp: 7892

Ion Ratio Lower Upper

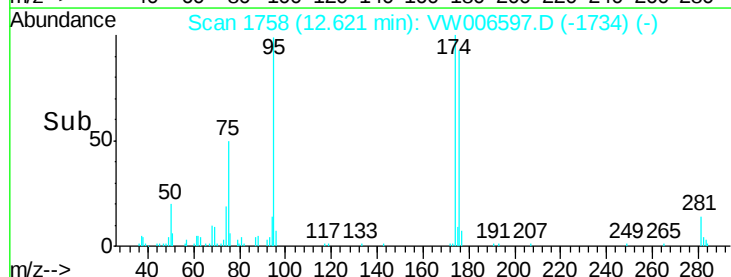
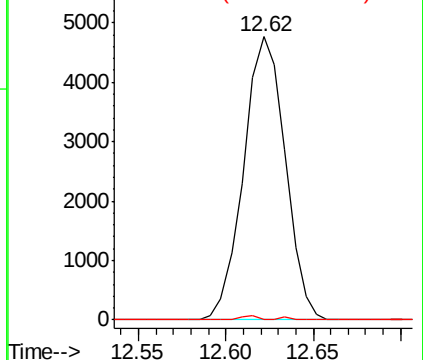
75 100

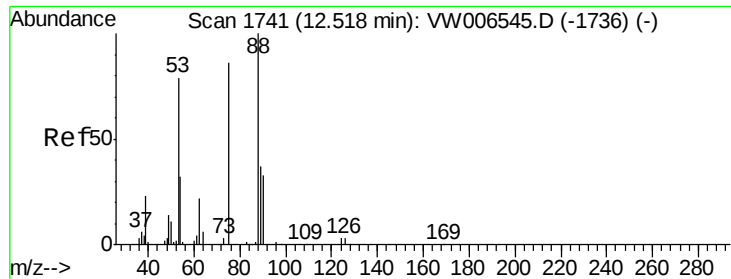
77 0.7 0.0 0.0#



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: 157.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006597.D

Acq: 02 Nov 2018 09:21

Instrument :

MSVOA_W

ClientSampleId :

TP-5RE

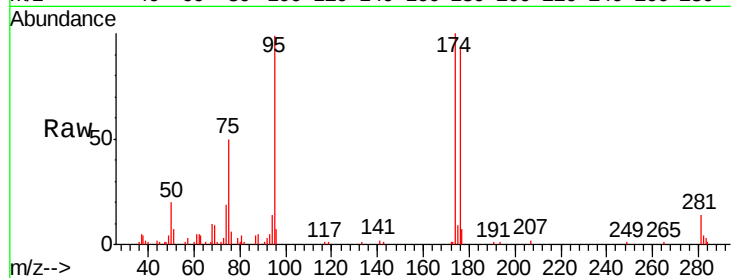
Tgt Ion: 75 Resp: 7892

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

