

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005308.D
 Acq On : 12 Sep 2018 07:13
 Operator : SY/AP
 Sample : J4769-03RE
 Misc : 6.26G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-B

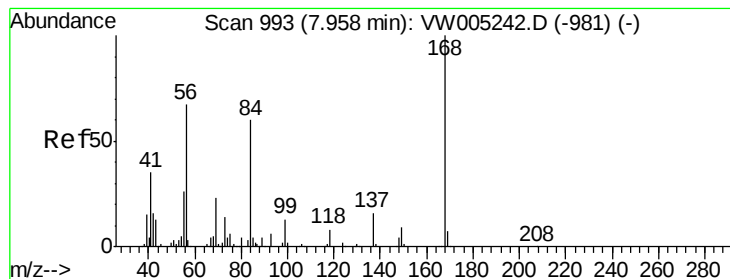
Quant Time: Sep 12 07:45:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	483644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	804605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	722043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	294921	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	191669	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.89	113	162470	38.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.10%	
50) Toluene-d8	10.33	98	769752	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
62) 4-Bromofluorobenzene	12.63	95	244035	31.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	297	Below Cal	#	53
11) Tert butyl alcohol	5.15	59	1574	5.321	ug/l #	94
16) Acetone	4.13	43	58673	87.627	ug/l	96
20) Methylene Chloride	4.92	84	7162	Below Cal		93
29) Tetrahydrofuran	7.54	42	904	1.270	ug/l #	86
31) Cyclohexane	7.95	56	8281	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	32580	4.420	ug/l #	49
38) Carbon Tetrachloride	7.96	117	43583	6.312	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	111253	49.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	111253	115.021	ug/l #	16

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

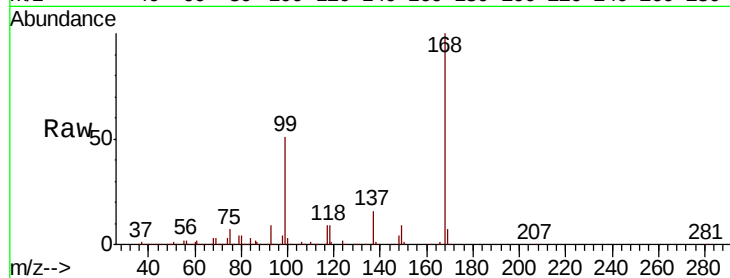
HR-05-090718-B

Tgt Ion:168 Resp: 483644

Ion Ratio Lower Upper

168 100

99 50.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

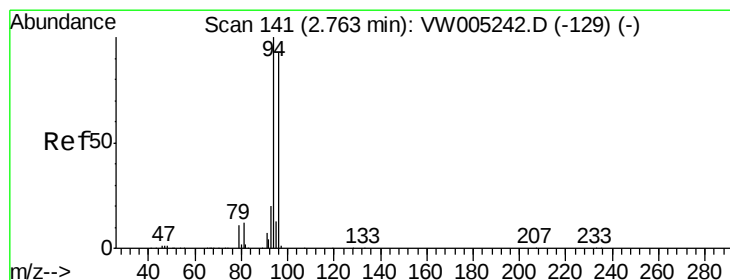
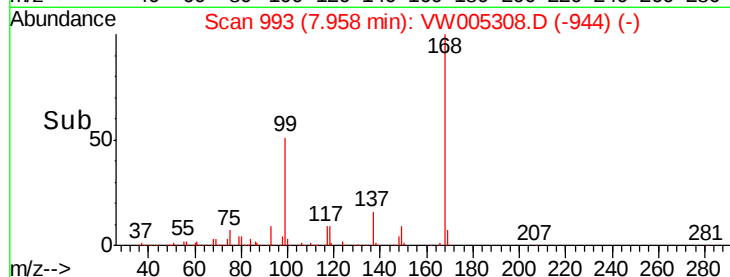
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW005308.D

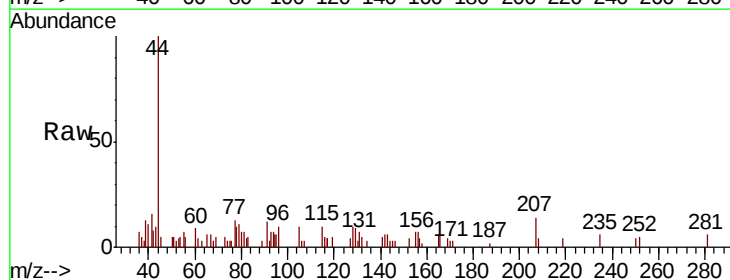
Acq: 12 Sep 2018 07:13

Tgt Ion: 94 Resp: 297

Ion Ratio Lower Upper

94 100

96 47.9 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

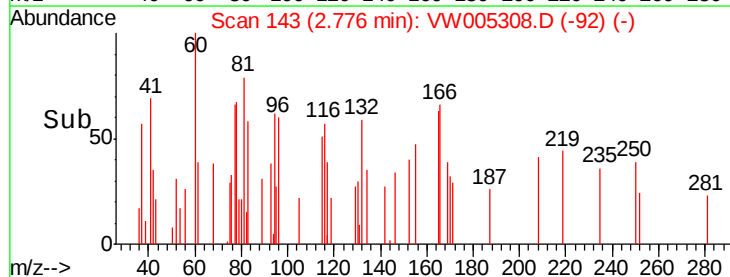
300

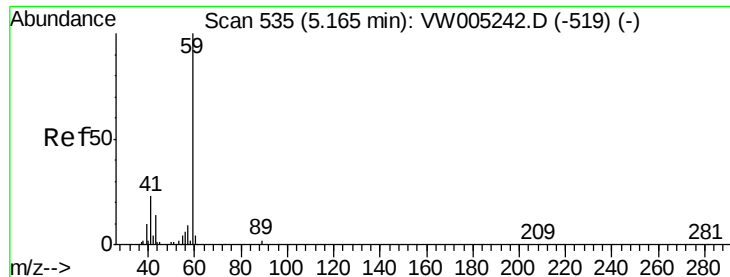
200

100

0

Time-->

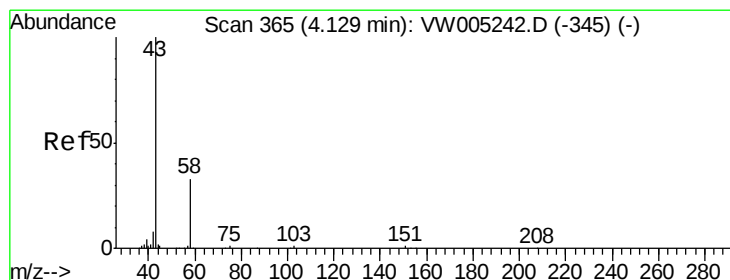
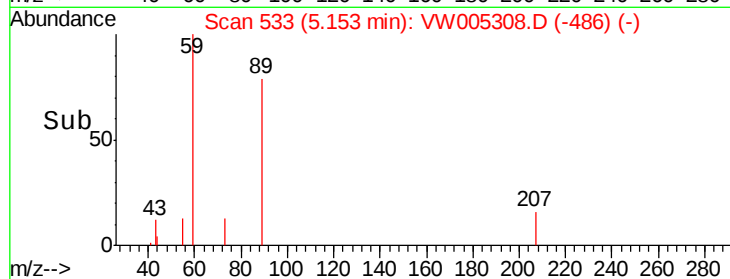
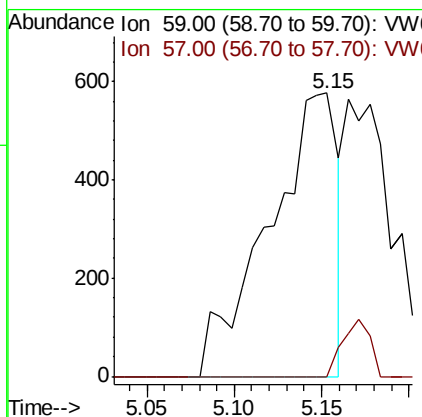
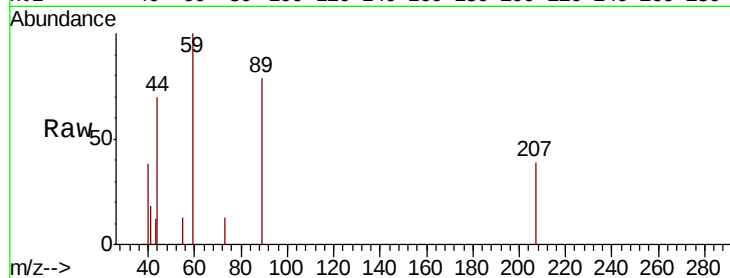




#11
Tert butyl alcohol
Concen: 5.321 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW005308.D
Acq: 12 Sep 2018 07:13

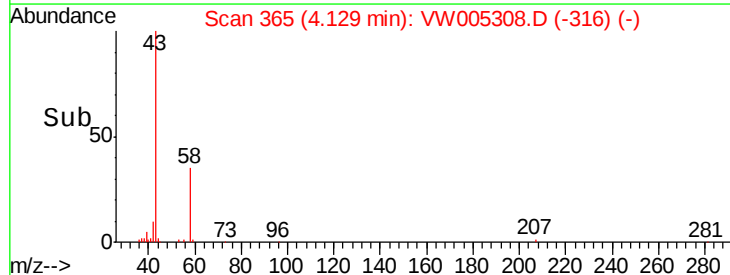
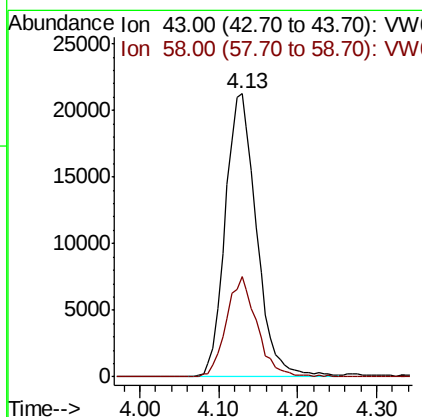
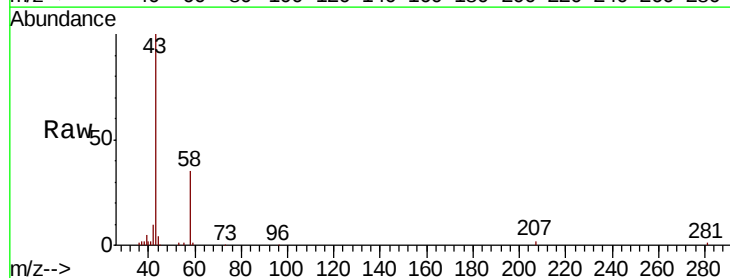
Instrument :
MSVOA_W
ClientSampleId :
HR-05-090718-B

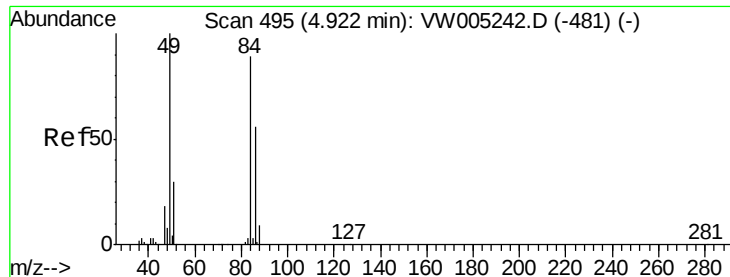
Tgt Ion: 59 Resp: 1574
Ion Ratio Lower Upper
59 100
57 8.0 8.1 12.1#



#16
Acetone
Concen: 87.627 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW005308.D
Acq: 12 Sep 2018 07:13

Tgt Ion: 43 Resp: 58673
Ion Ratio Lower Upper
43 100
58 35.5 26.7 40.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

HR-05-090718-B

Tgt Ion: 84 Resp: 7162

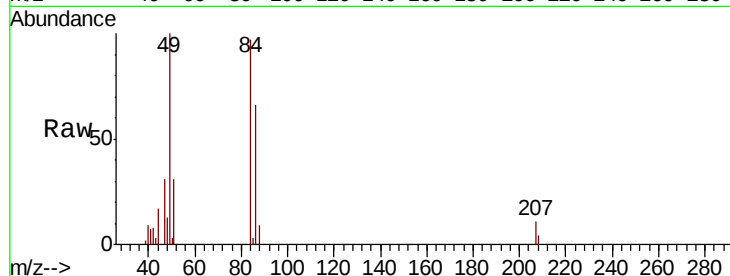
Ion Ratio Lower Upper

84 100

49 102.6 90.3 135.5

51 32.1 26.9 40.3

86 67.8 50.8 76.2

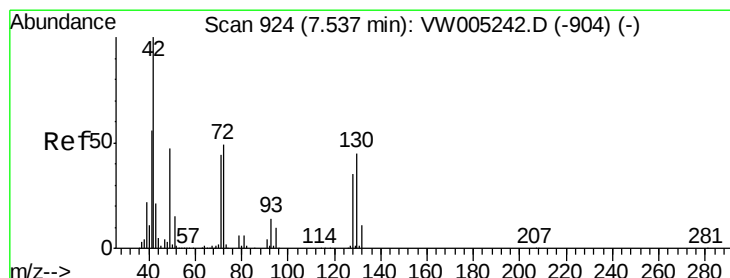
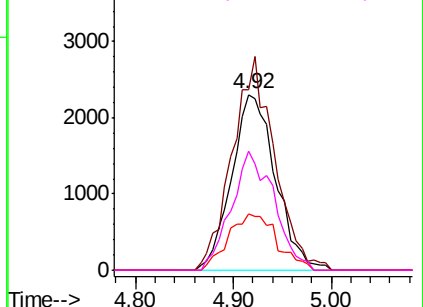
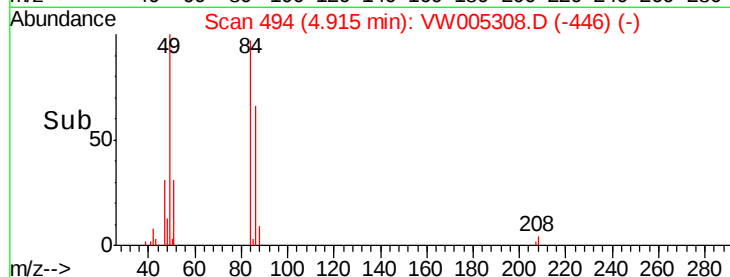


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.270 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

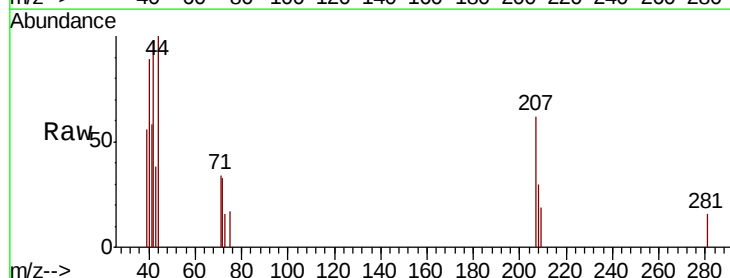
Tgt Ion: 42 Resp: 904

Ion Ratio Lower Upper

42 100

72 39.9 37.5 56.3

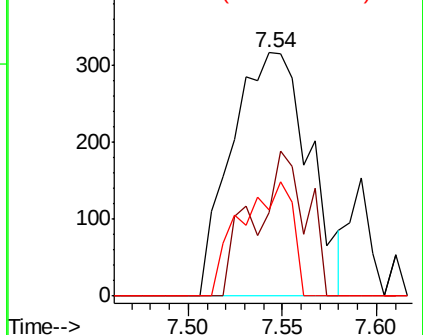
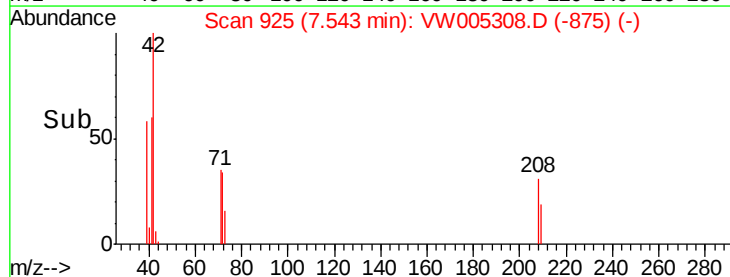
71 31.5 34.8 52.2#

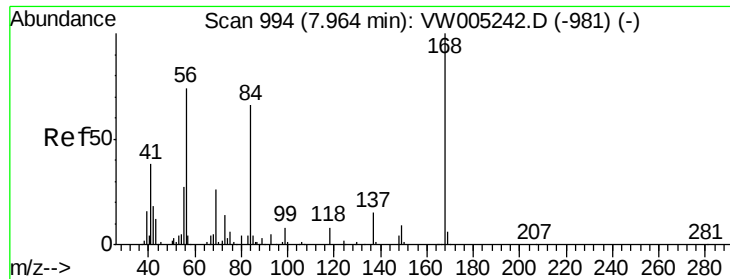


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

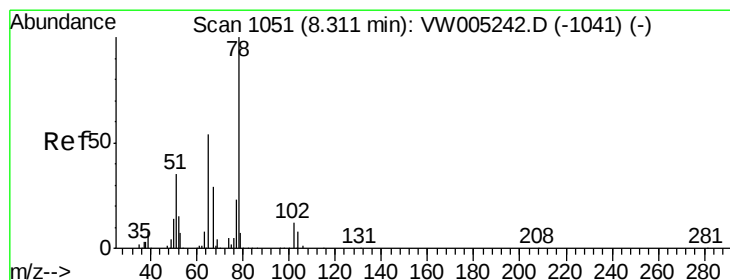
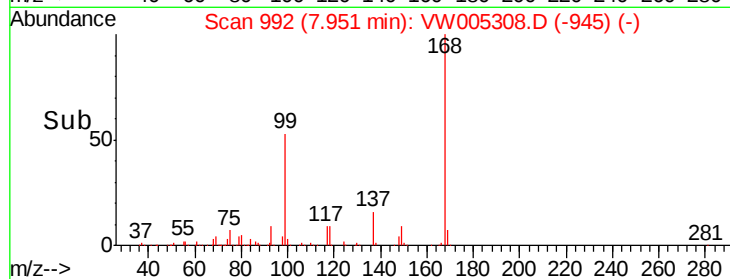
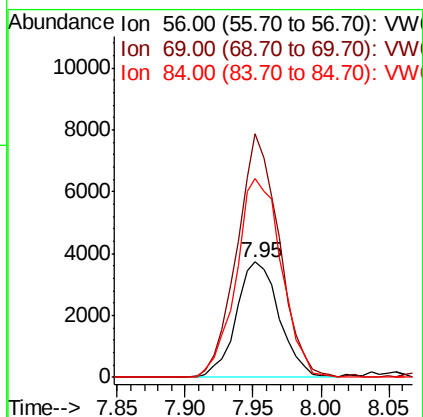
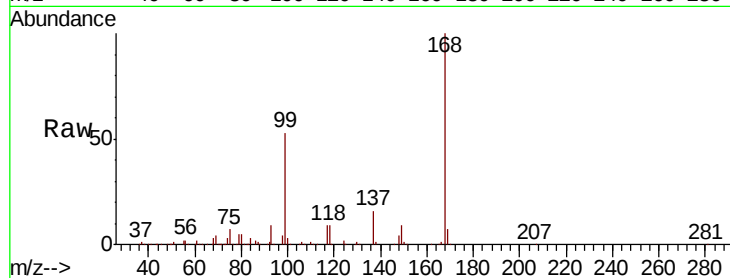




#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005308.D
Acq: 12 Sep 2018 07:13

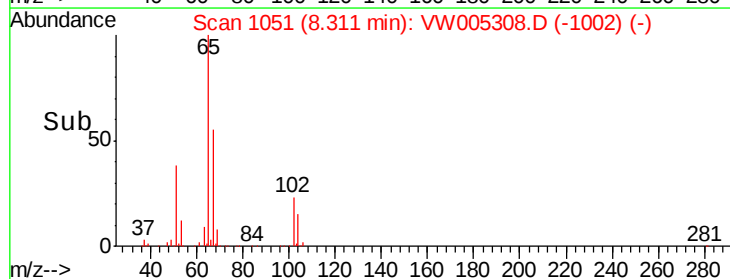
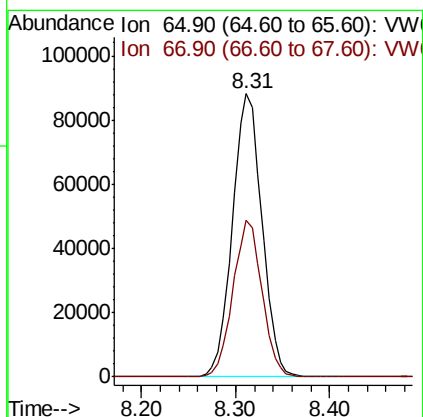
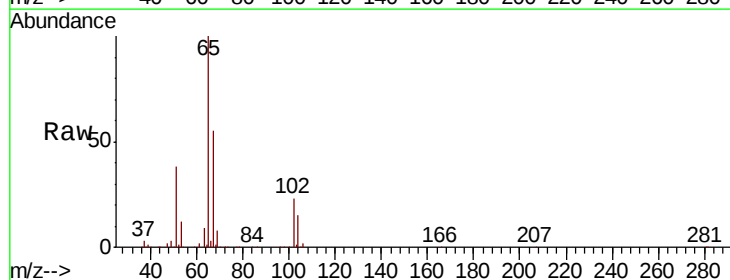
Instrument :
MSVOA_W
ClientSampleId :
HR-05-090718-B

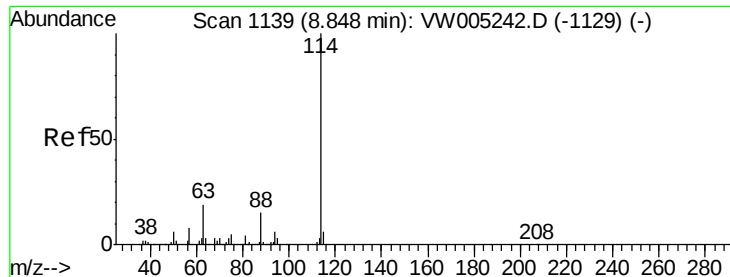
Tgt Ion: 56 Resp: 8281
Ion Ratio Lower Upper
56 100
69 211.5 27.8 41.8#
84 172.8 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 53.133 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005308.D
Acq: 12 Sep 2018 07:13

Tgt Ion: 65 Resp: 191669
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.2

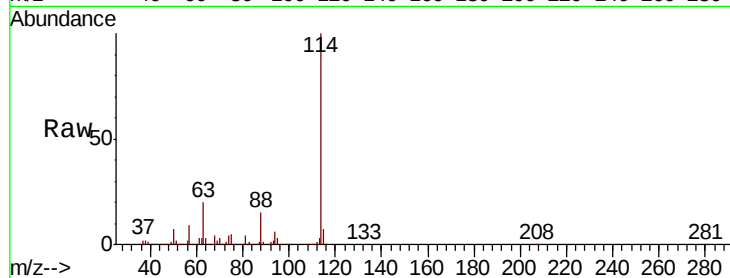




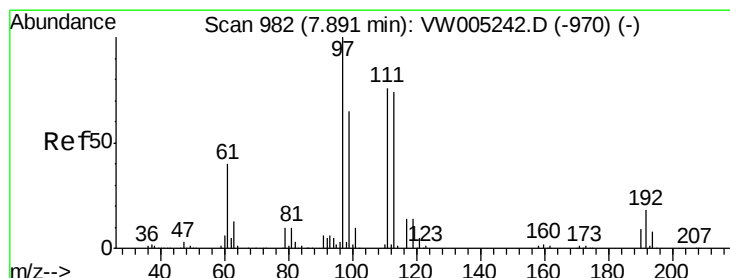
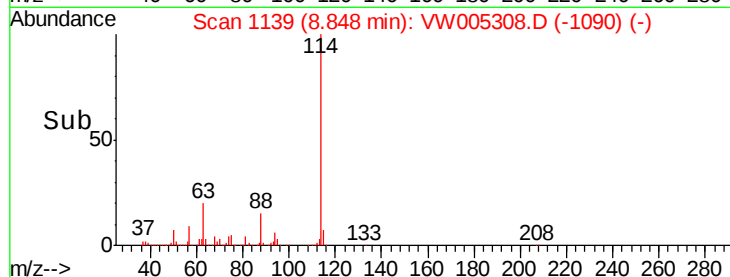
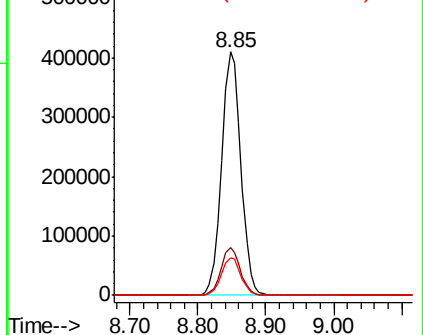
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005308.D
 Acq: 12 Sep 2018 07:13

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-B

Tgt Ion:114 Resp: 804605
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 15.5 0.0 30.4

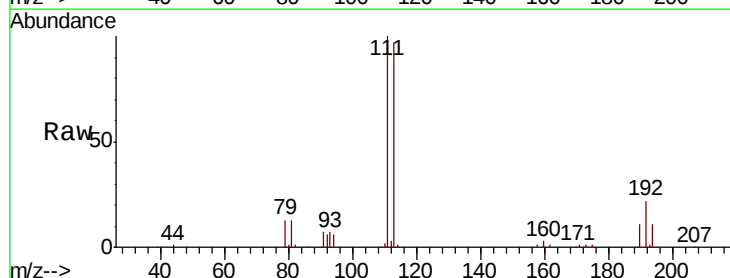


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

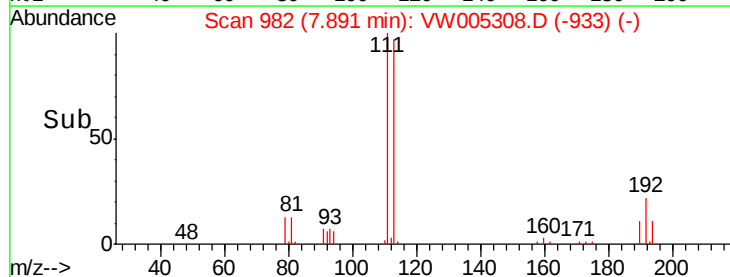
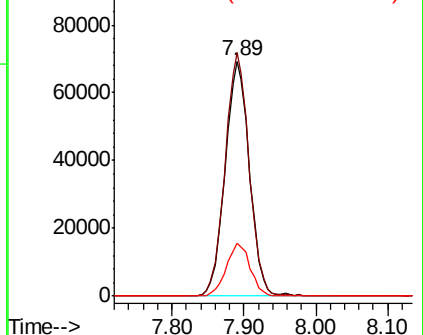


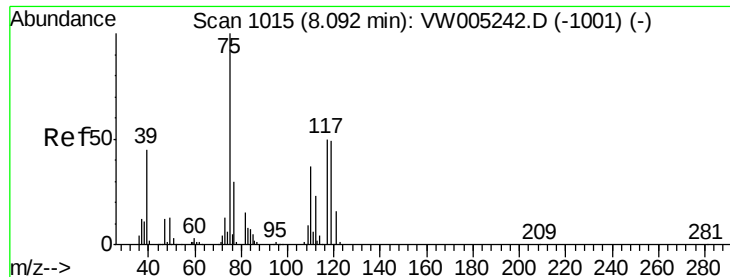
#35
 Dibromofluoromethane
 Concen: 38.547 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005308.D
 Acq: 12 Sep 2018 07:13

Tgt Ion:113 Resp: 162470
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.6 121.0
 192 22.1 18.3 27.5



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: 4.420 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

HR-05-090718-B

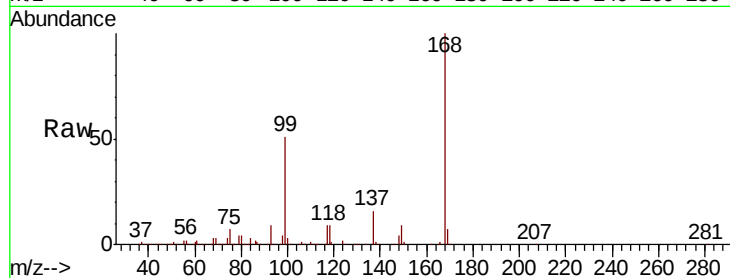
Tgt Ion: 75 Resp: 32580

Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

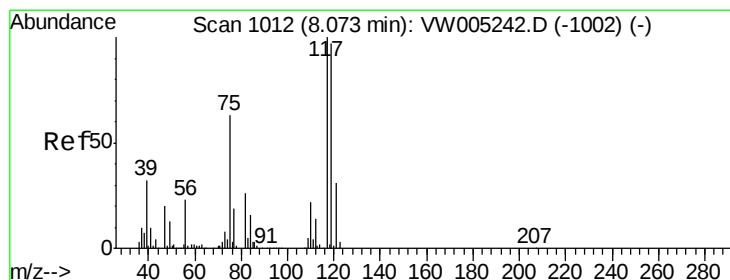
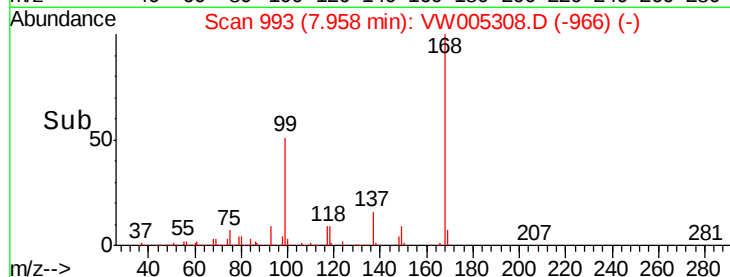
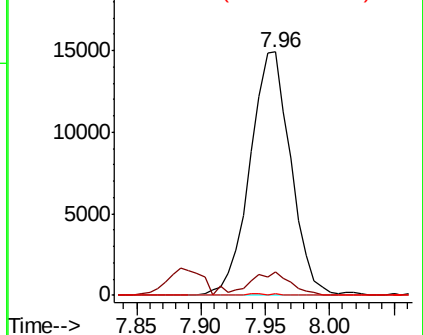
77 0.3 24.9 37.3#



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: 6.312 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

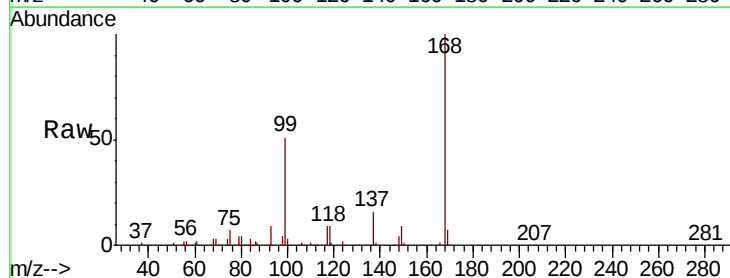
Tgt Ion: 117 Resp: 43583

Ion Ratio Lower Upper

117 100

119 6.6 77.5 116.3#

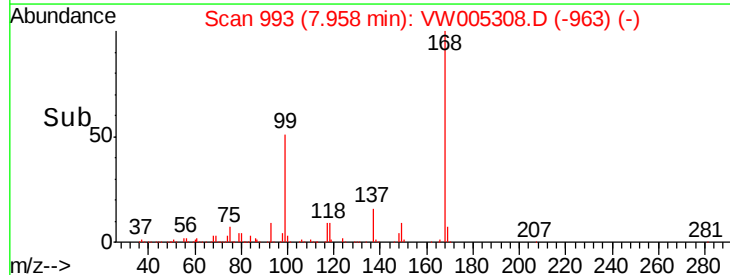
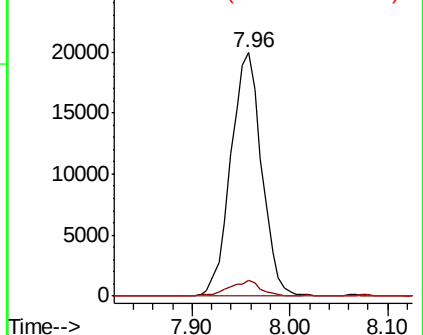
121 0.0 24.7 37.1#

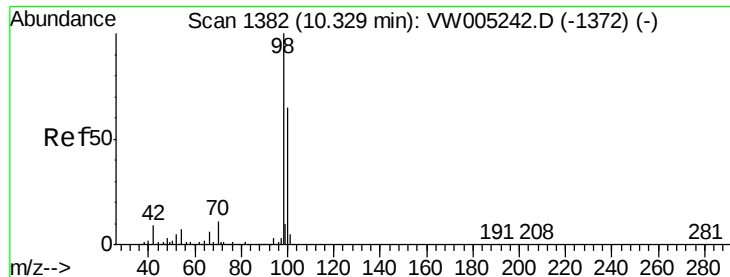


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 36.142 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

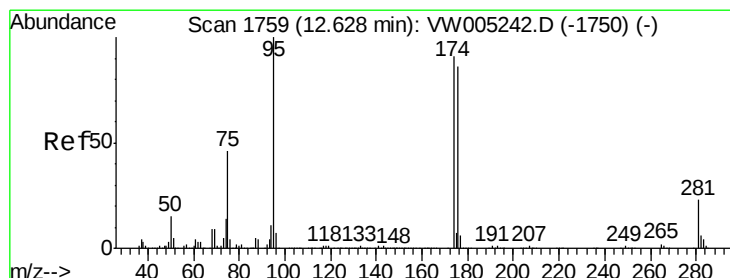
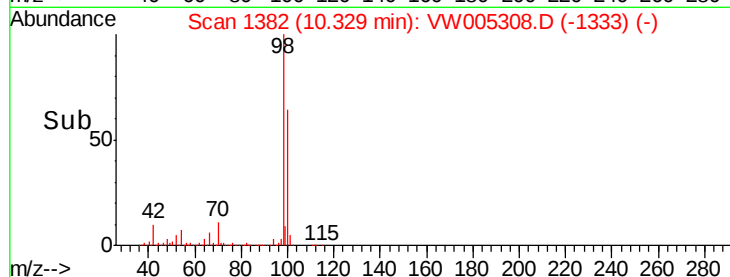
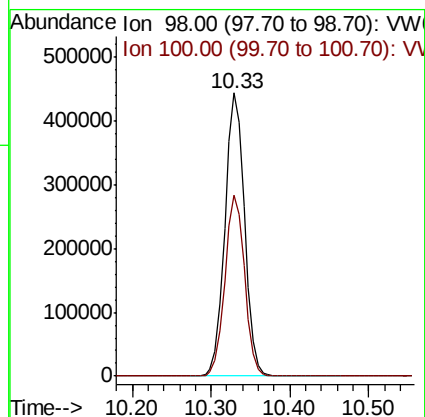
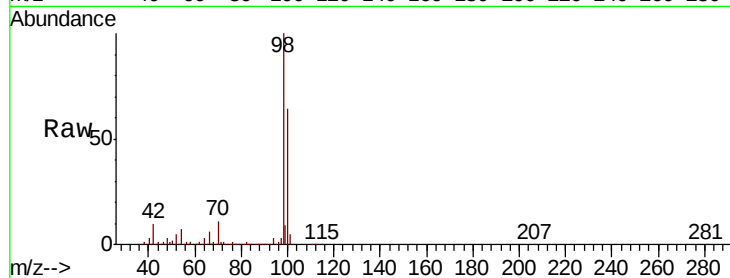
HR-05-090718-B

Tgt Ion: 98 Resp: 769752

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.326 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

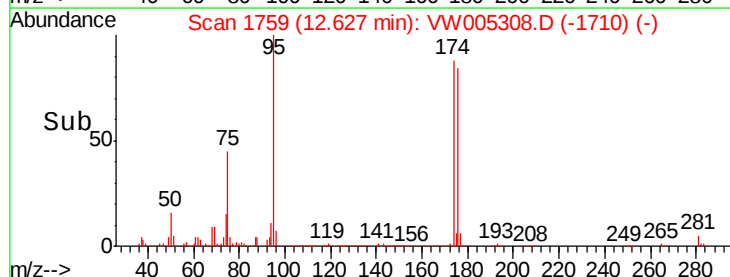
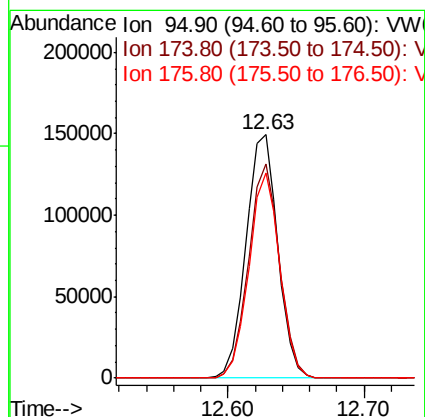
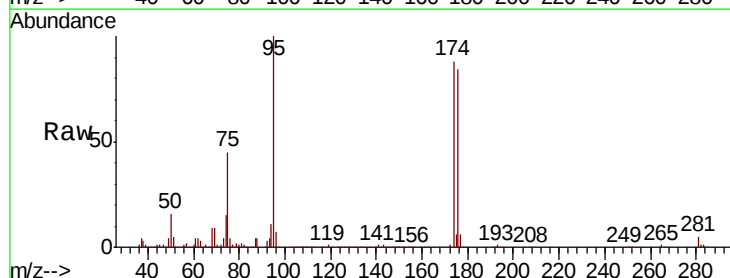
Tgt Ion: 95 Resp: 244035

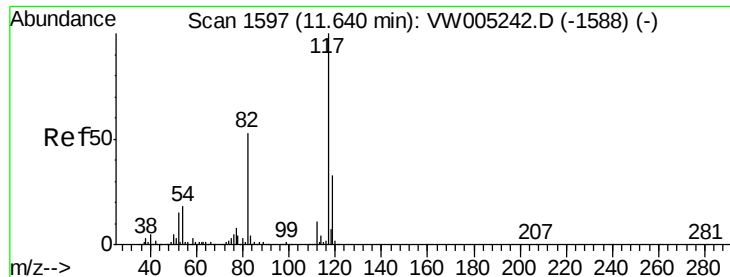
Ion Ratio Lower Upper

95 100

174 86.1 0.0 174.6

176 82.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

HR-05-090718-B

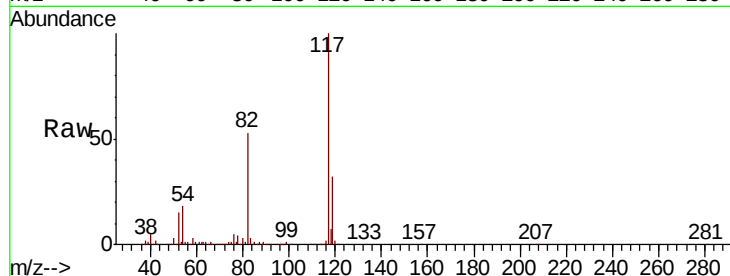
Tgt Ion:117 Resp: 722043

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

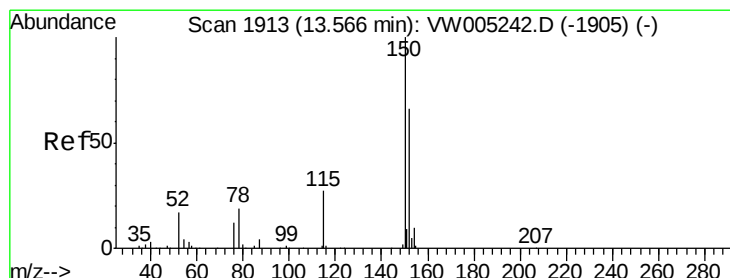
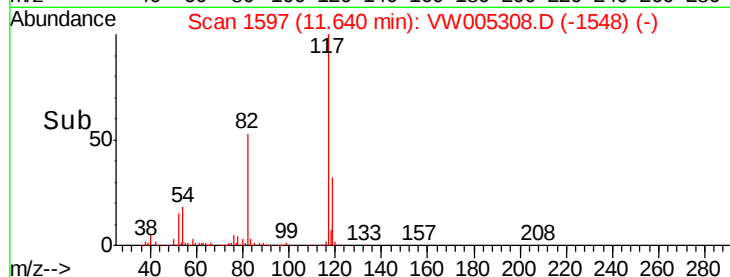
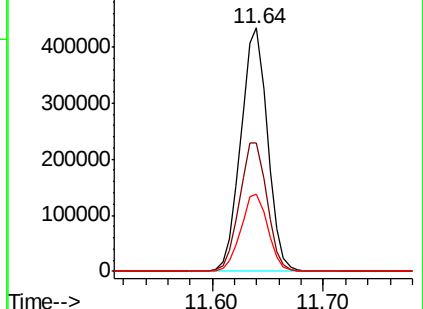
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

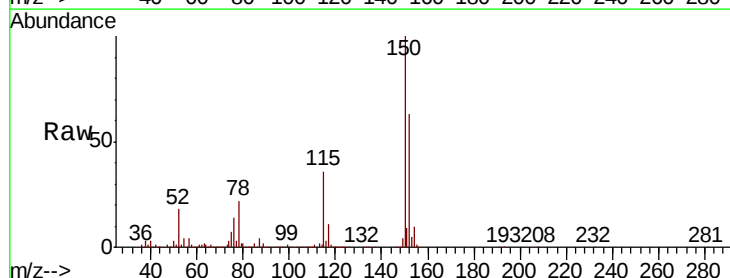
Tgt Ion:152 Resp: 294921

Ion Ratio Lower Upper

152 100

115 56.6 27.5 82.4

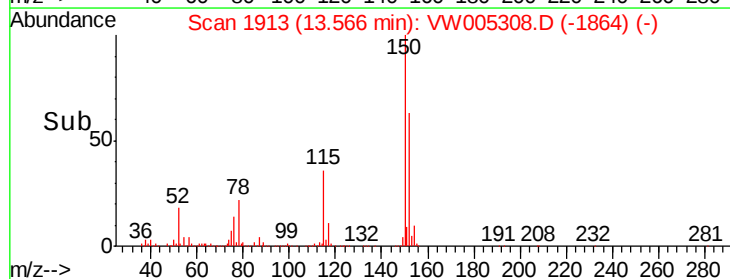
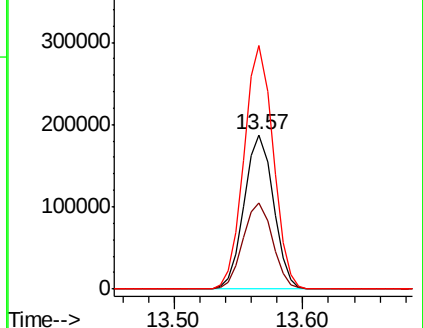
150 157.2 0.0 347.4

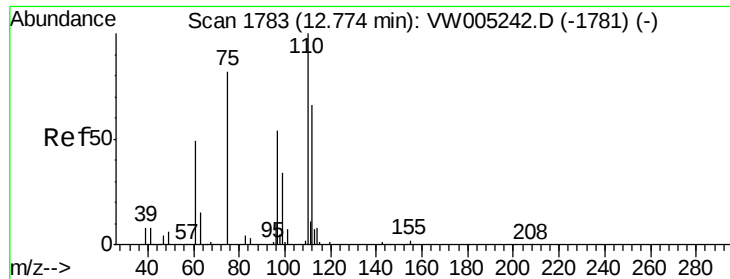


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.045 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

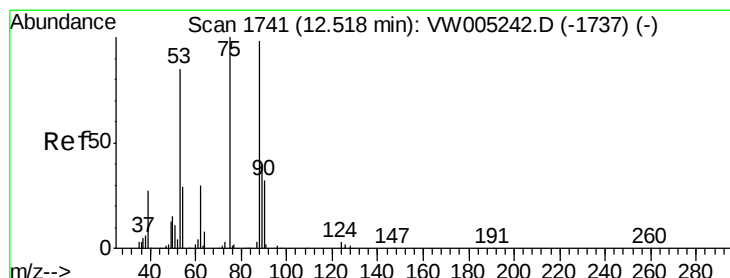
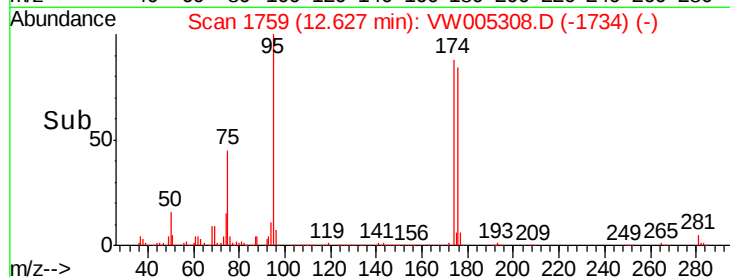
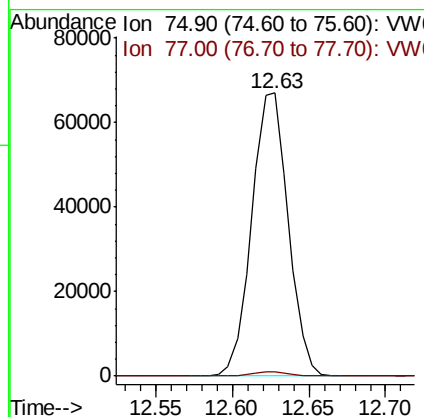
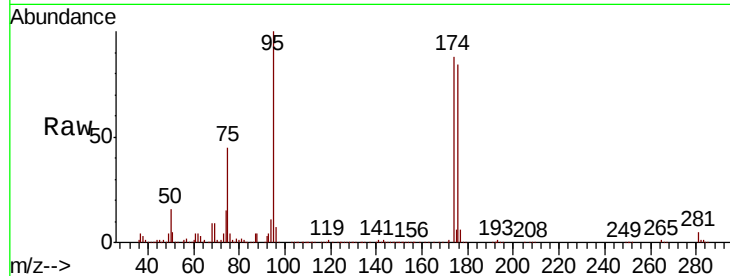
HR-05-090718-B

Tgt Ion: 75 Resp: 111253

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.021 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005308.D

Acq: 12 Sep 2018 07:13

Tgt Ion: 75 Resp: 111253

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.6#

89 0.0 37.0 55.4#

