

Data File : VW011148.D
Acq On : 03 Jul 2019 18:58
Operator : SY/VA
Sample : K3624-01
Misc : 4.65G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-01-070319-A

Quant Time: Jul 04 03:54:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103665	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	131429	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	7.88	113	96782	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.32	98	395693	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.62	95	123030	41.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.84%	

Target Compounds

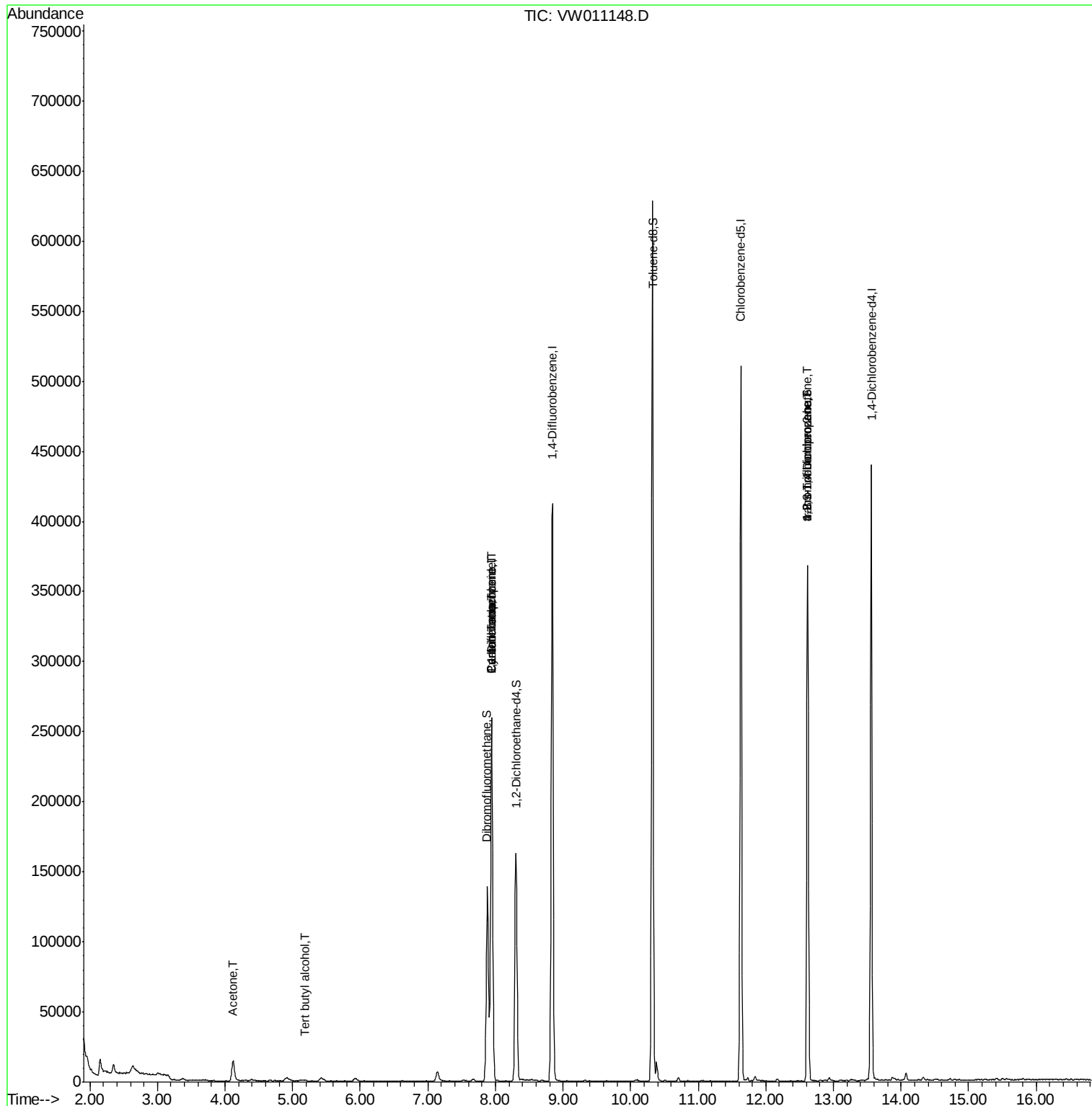
						Qvalue
11) Tert butyl alcohol	5.18	59	584	3.288	ug/l #	71
16) Acetone	4.12	43	27192	45.554	ug/l	99
31) Cyclohexane	7.95	56	5273	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16998	4.895	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18880	6.602	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	67280	61.475	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67280	124.172	ug/l #	3

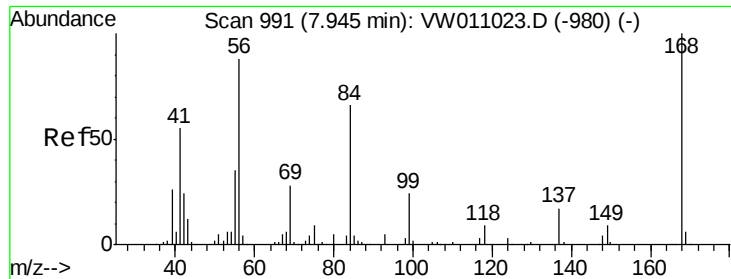
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

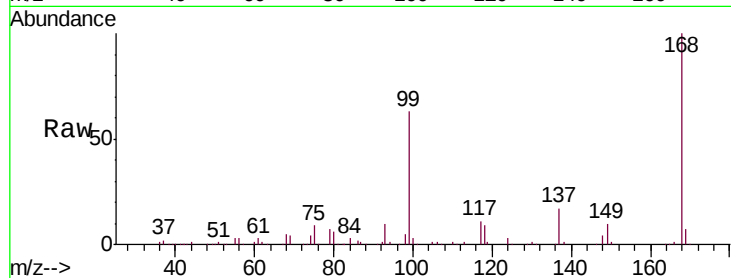
PL-01-070319-A

Tgt Ion:168 Resp: 187065

Ion Ratio Lower Upper

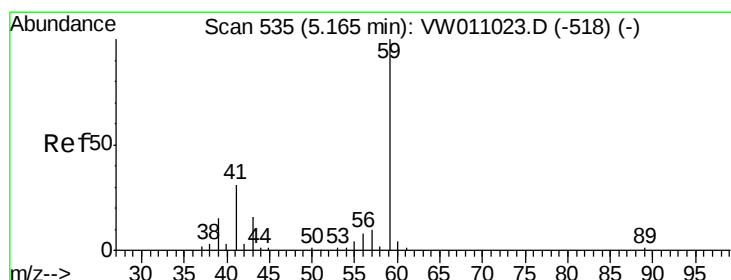
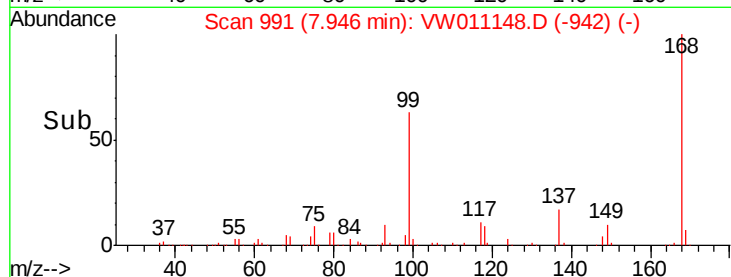
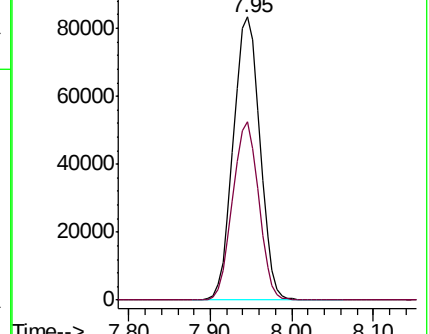
168 100

99 62.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.288 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW011148.D

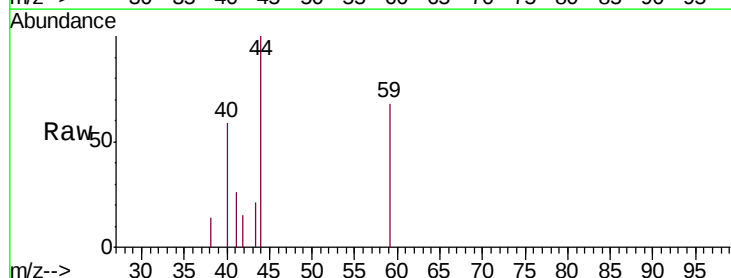
Acq: 03 Jul 2019 18:58

Tgt Ion: 59 Resp: 584

Ion Ratio Lower Upper

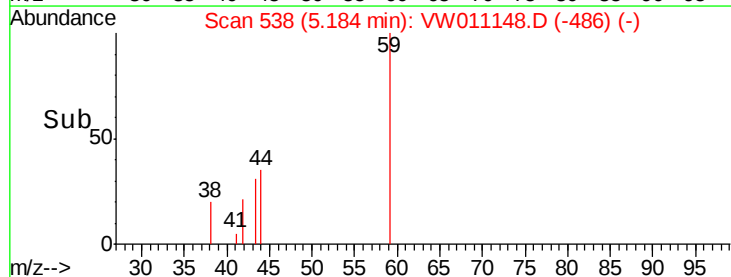
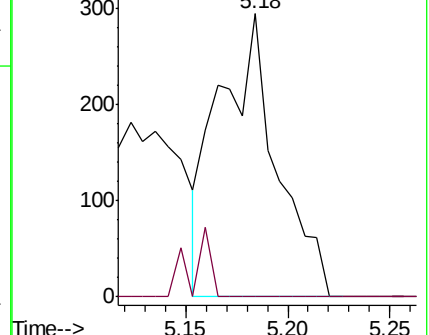
59 100

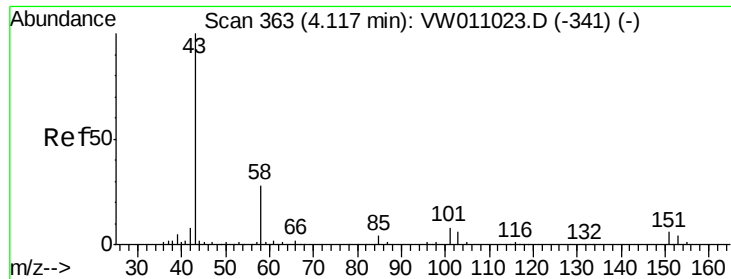
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 45.554 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

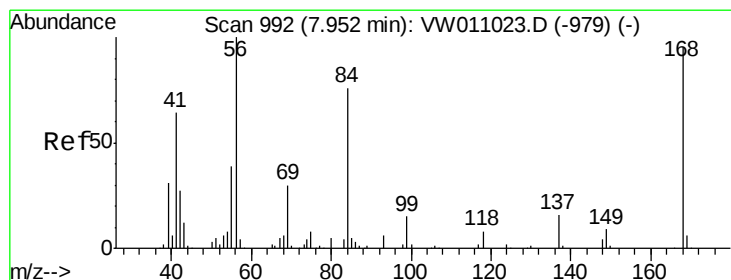
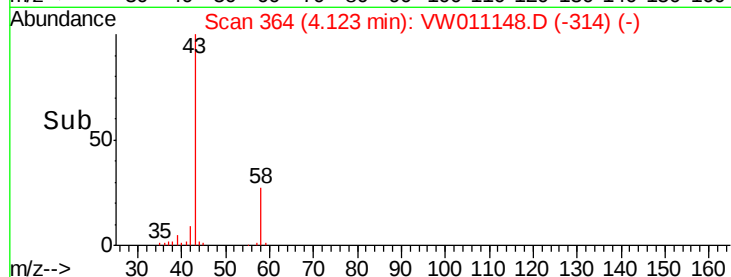
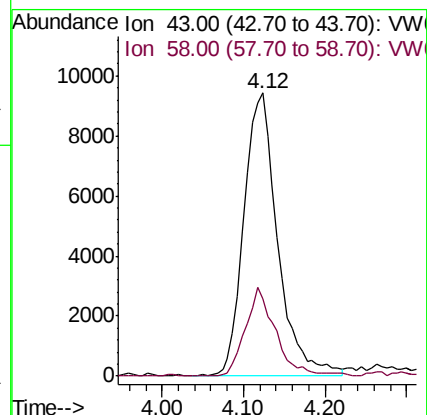
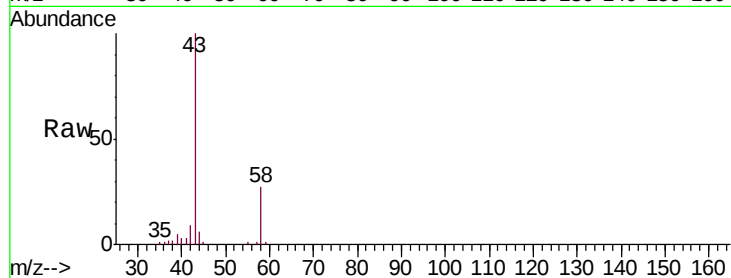
PL-01-070319-A

Tgt Ion: 43 Resp: 27192

Ion Ratio Lower Upper

43 100

58 27.5 22.5 33.7



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

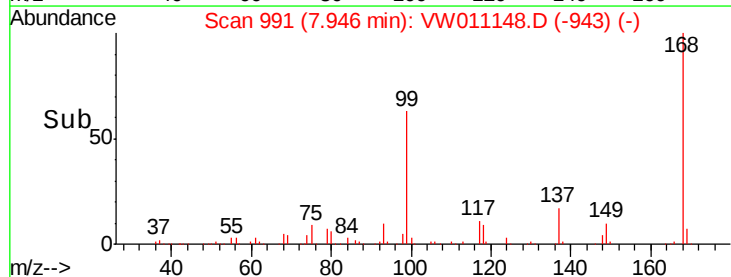
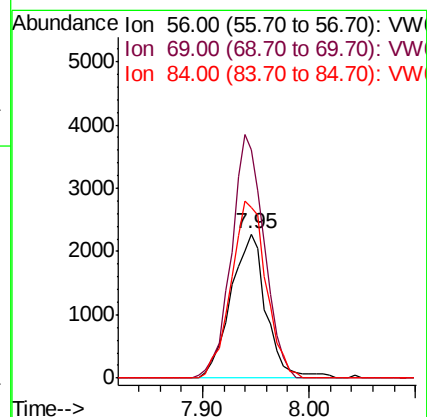
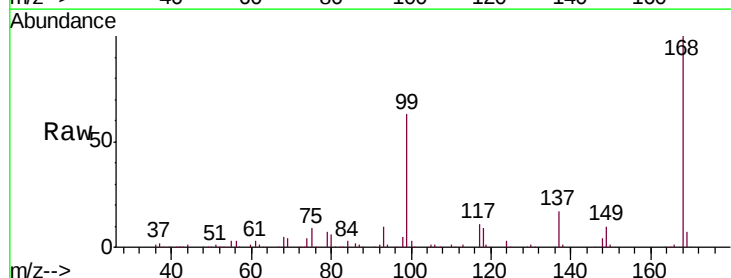
Tgt Ion: 56 Resp: 5273

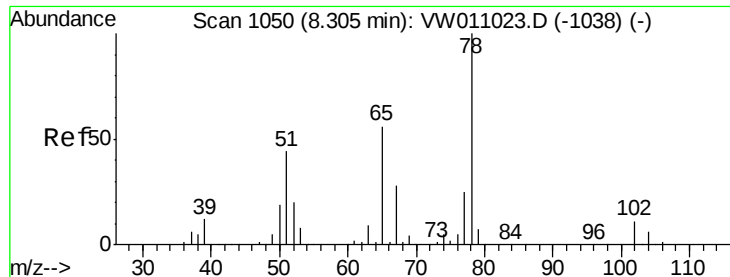
Ion Ratio Lower Upper

56 100

69 158.8 24.2 36.2#

84 118.7 60.6 90.8#

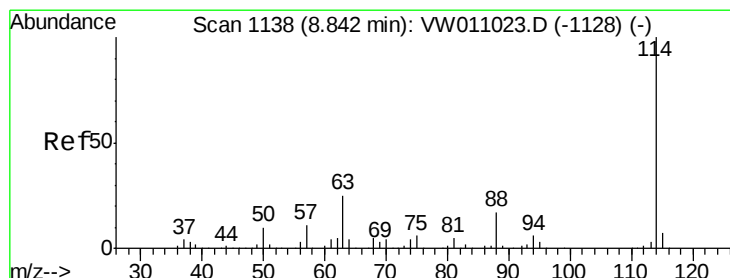
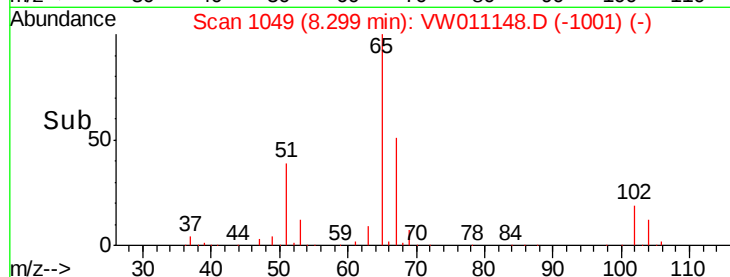
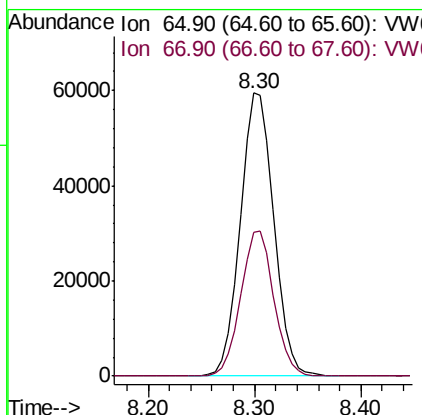
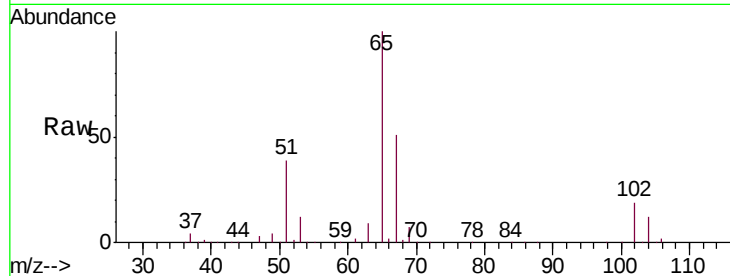




#33
 1,2-Dichloroethane-d4
 Concen: 53.745 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011148.D
 Acq: 03 Jul 2019 18:58

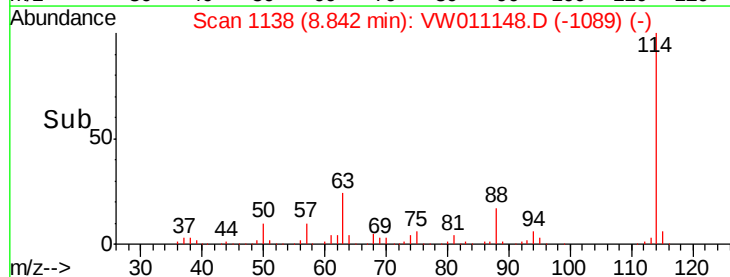
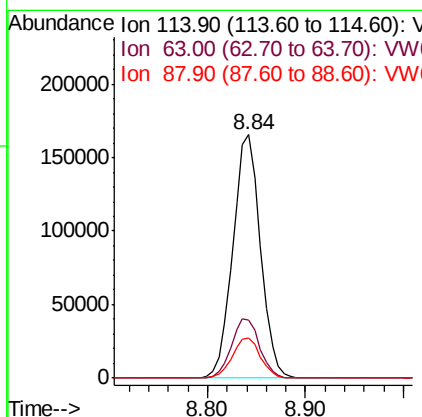
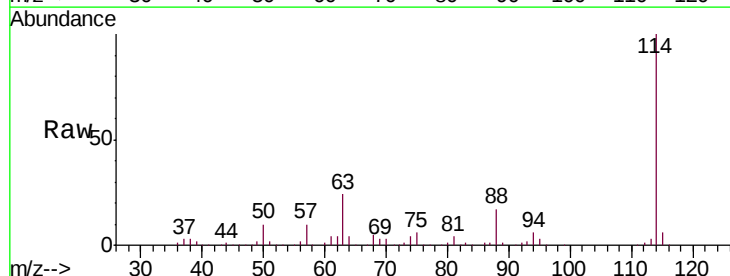
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-070319-A

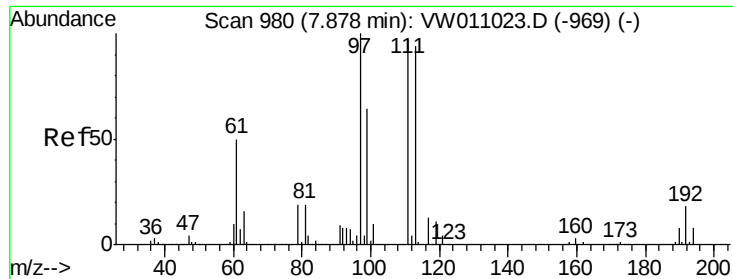
Tgt Ion: 65 Resp: 131429
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011148.D
 Acq: 03 Jul 2019 18:58

Tgt Ion: 114 Resp: 323099
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.6
 88 16.7 0.0 34.0

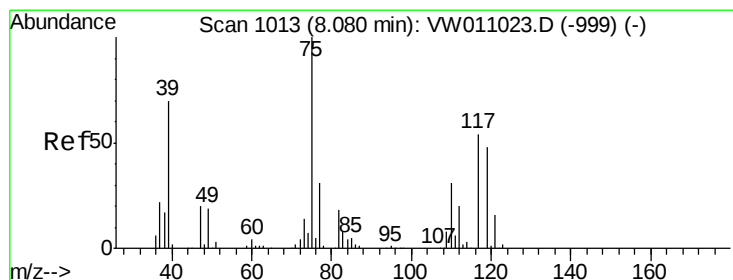
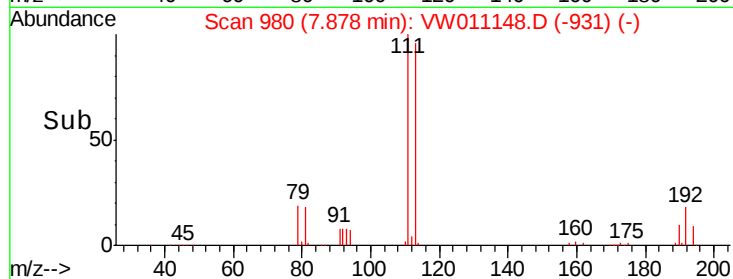
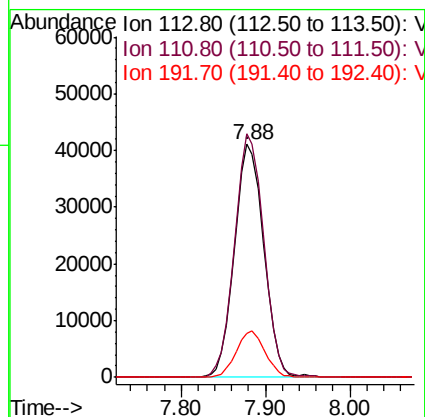
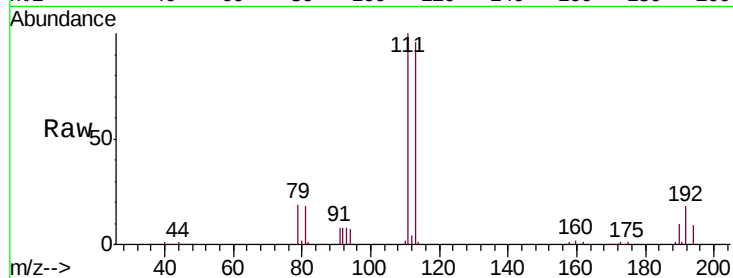




#35
 Dibromofluoromethane
 Concen: 49.054 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011148.D
 Acq: 03 Jul 2019 18:58

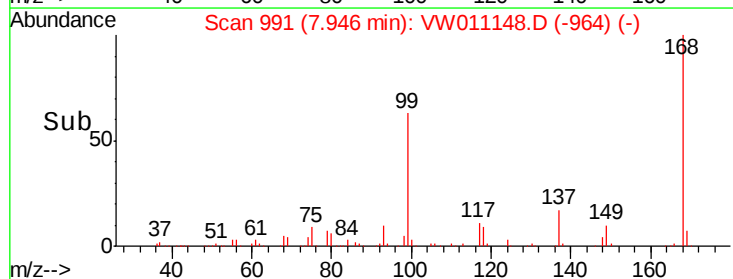
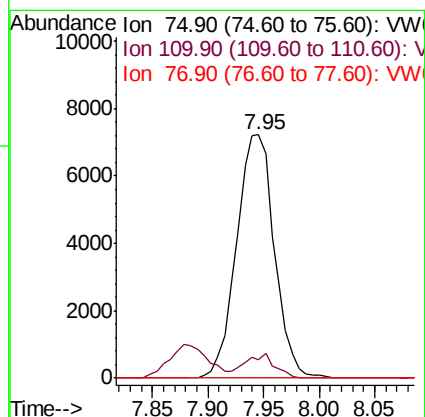
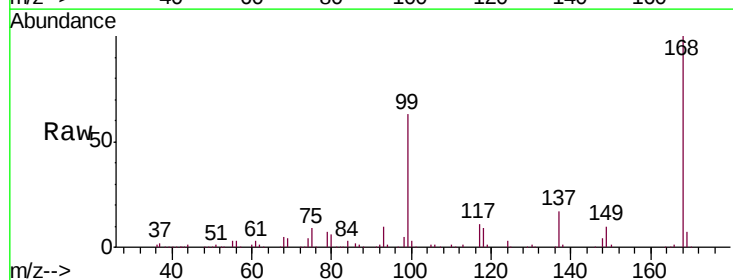
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-070319-A

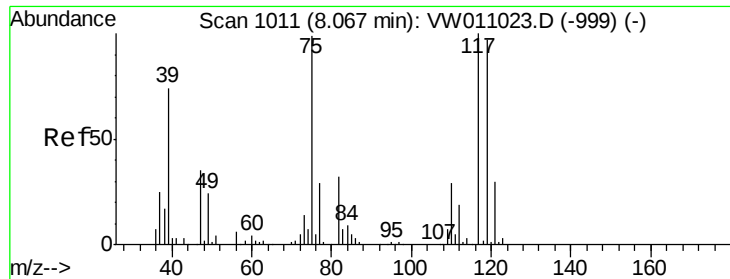
Tgt Ion: 113 Resp: 96782
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.8 125.6
 192 19.4 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.895 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011148.D
 Acq: 03 Jul 2019 18:58

Tgt Ion: 75 Resp: 16998
 Ion Ratio Lower Upper
 75 100
 110 7.7 15.5 46.5#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.602 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-A

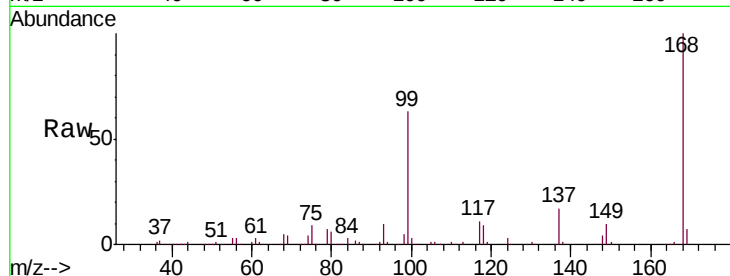
Tgt Ion: 117 Resp: 18880

Ion Ratio Lower Upper

117 100

119 6.3 77.7 116.5#

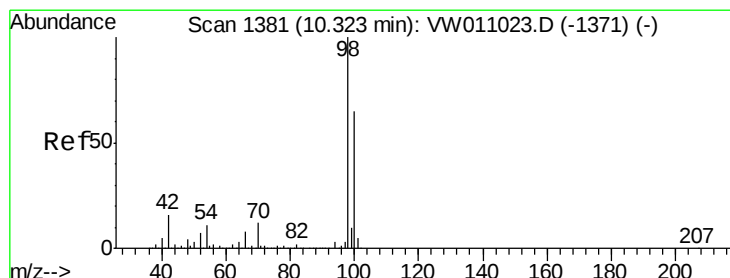
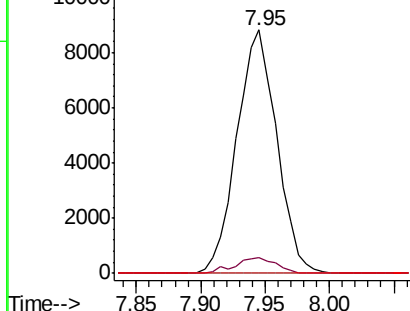
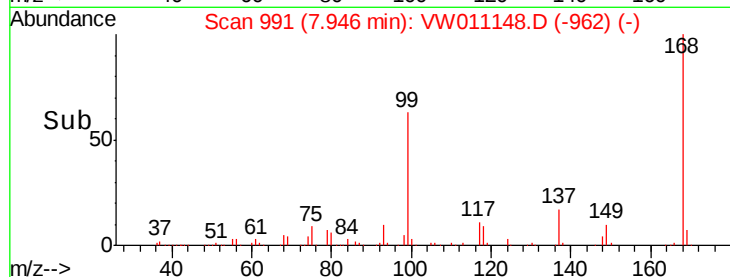
121 0.0 23.9 35.9#



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: 48.723 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011148.D

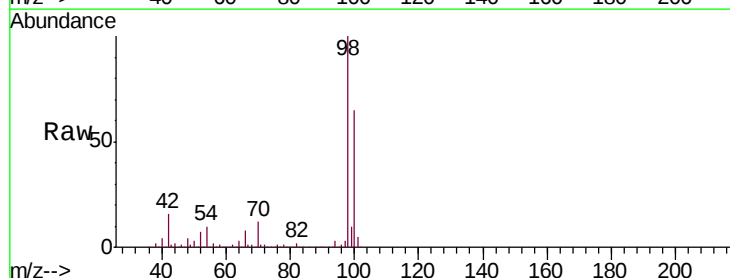
Acq: 03 Jul 2019 18:58

Tgt Ion: 98 Resp: 395693

Ion Ratio Lower Upper

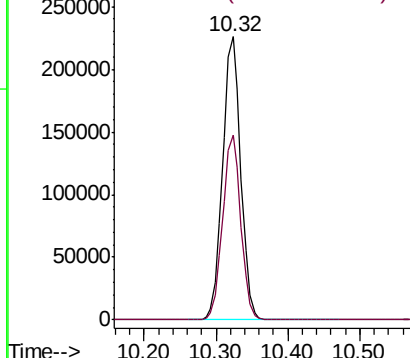
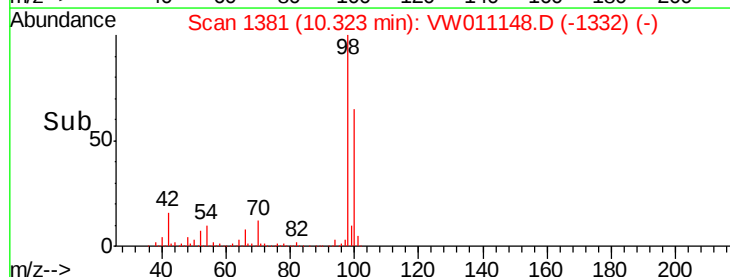
98 100

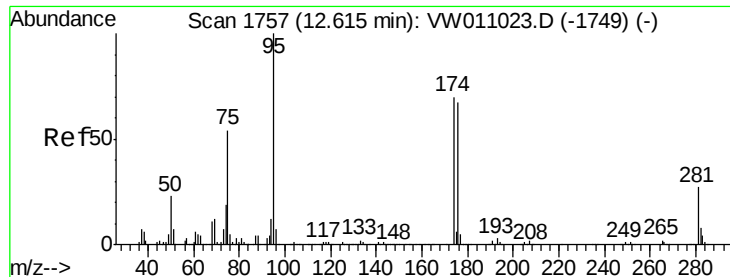
100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.419 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-A

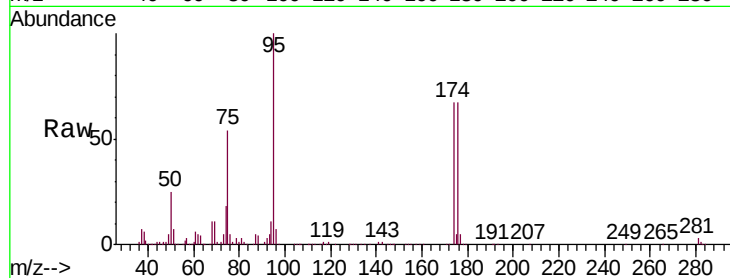
Tgt Ion: 95 Resp: 123030

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.2

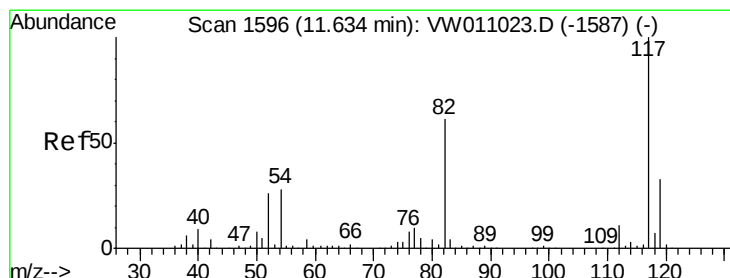
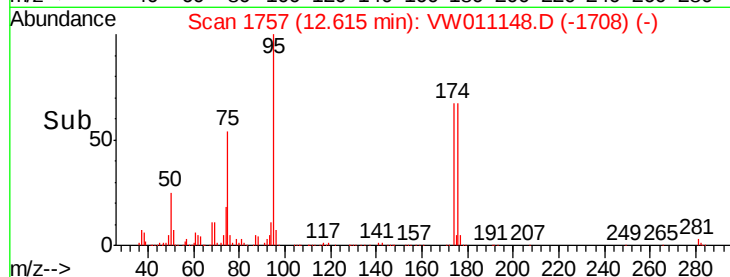
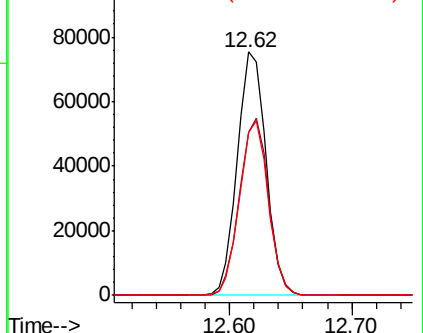
176 71.9 0.0 143.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

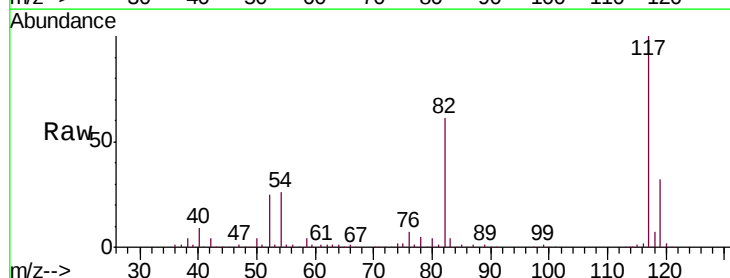
Tgt Ion: 117 Resp: 262255

Ion Ratio Lower Upper

117 100

82 61.0 48.6 73.0

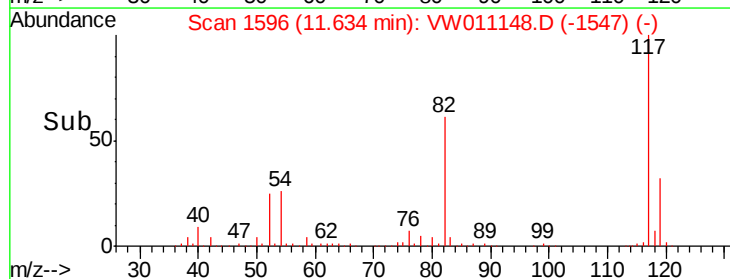
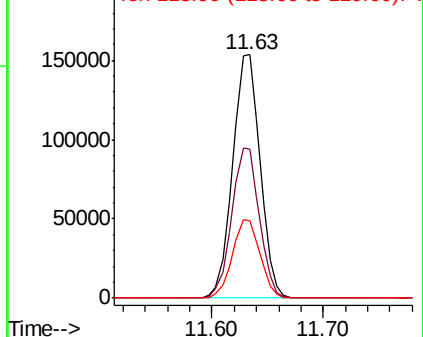
119 31.8 26.1 39.1

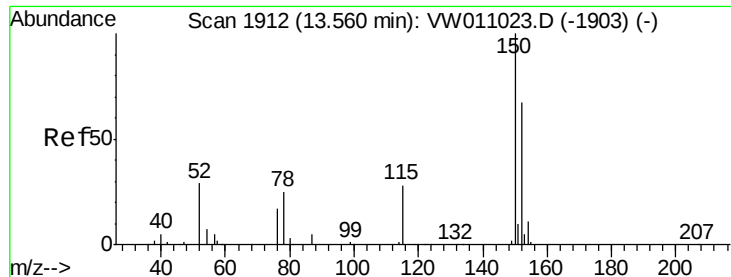


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-A

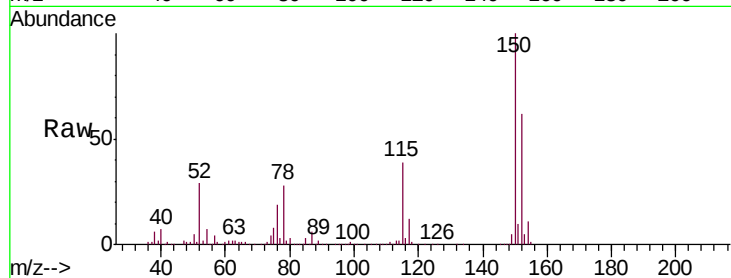
Tgt Ion:152 Resp: 103665

Ion Ratio Lower Upper

152 100

115 61.3 30.7 92.1

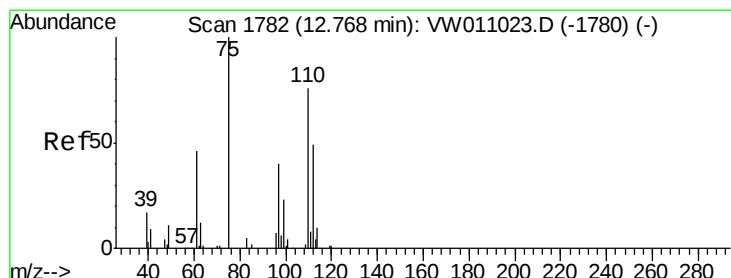
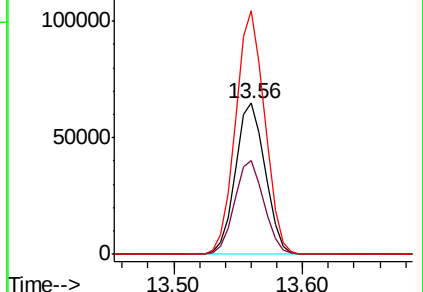
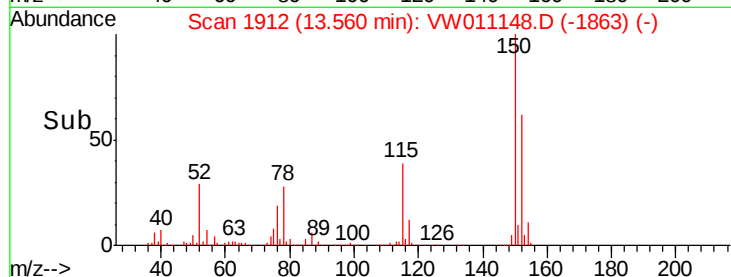
150 158.3 0.0 341.8



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: 61.475 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011148.D

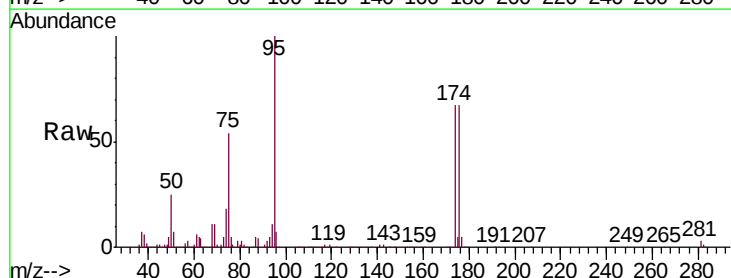
Acq: 03 Jul 2019 18:58

Tgt Ion: 75 Resp: 67280

Ion Ratio Lower Upper

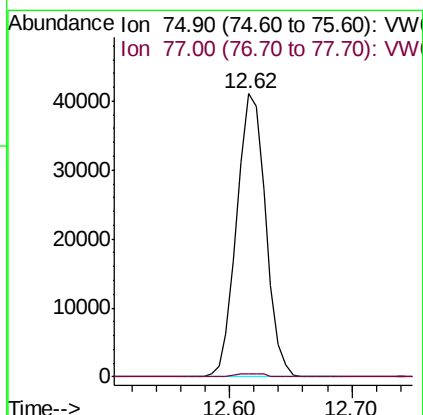
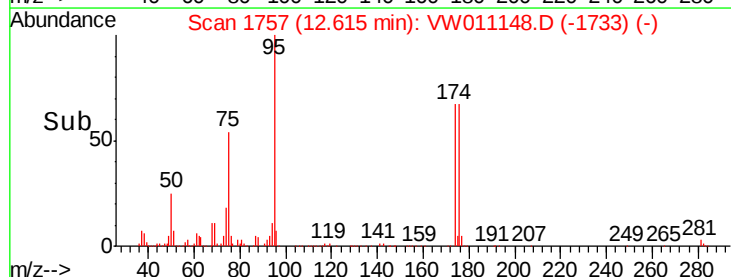
75 100

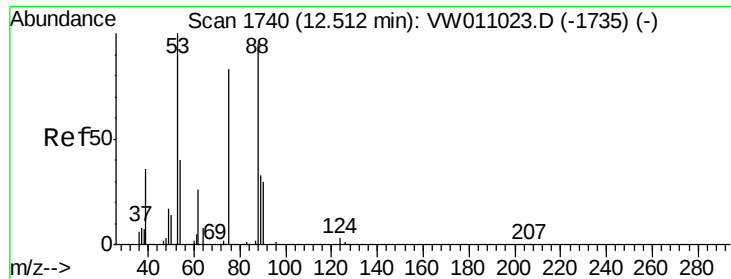
77 1.3 0.0 0.0#



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: 124.172 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011148.D

Acq: 03 Jul 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-A

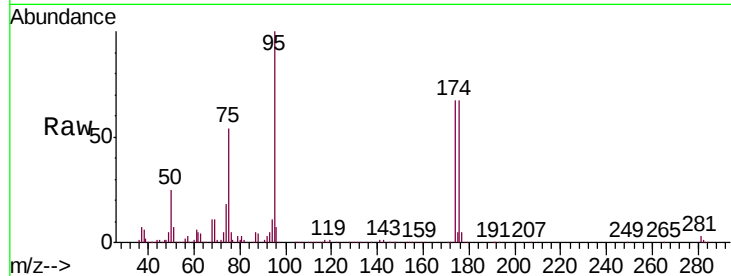
Tgt Ion: 75 Resp: 67280

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#



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

