

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013238.D
 Acq On : 23 Sep 2019 18:14
 Operator : SY/VA
 Sample : K4957-01
 Misc : 4.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-16.5-17.0

Quant Time: Sep 24 06:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

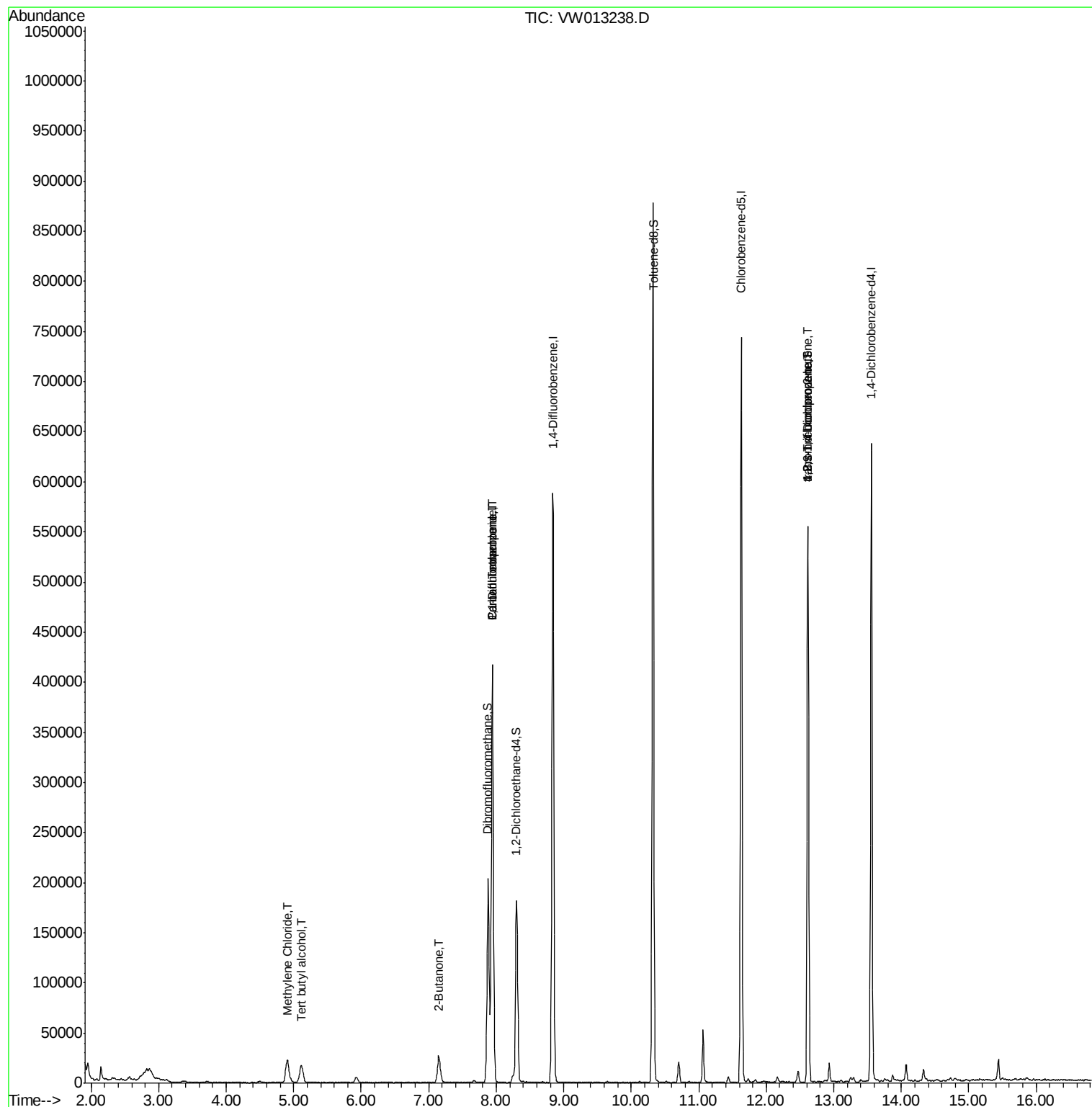
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	349975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	522809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	142863	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.88	113	144527	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.32	98	601544	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	183027	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
11) Tert butyl alcohol	5.12	59	16447	72.825	ug/l #	74
20) Methylene Chloride	4.92	84	20048	3.377	ug/l	85
25) 2-Butanone	7.15	43	1525	1.577	ug/l #	71
26) 2,2-Dichloropropane	7.15	77	2470	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	22118	4.368	ug/l #	48
38) Carbon Tetrachloride	7.94	117	29831	6.572	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	87062	54.033	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87062	121.245	ug/l #	12

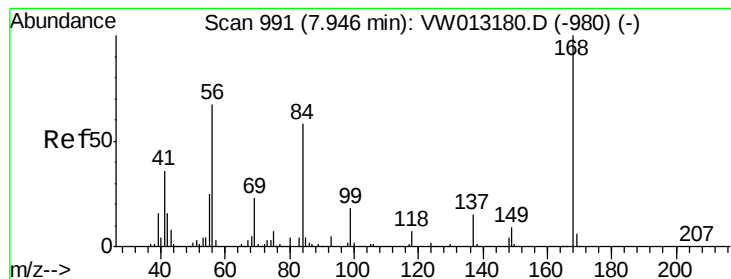
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

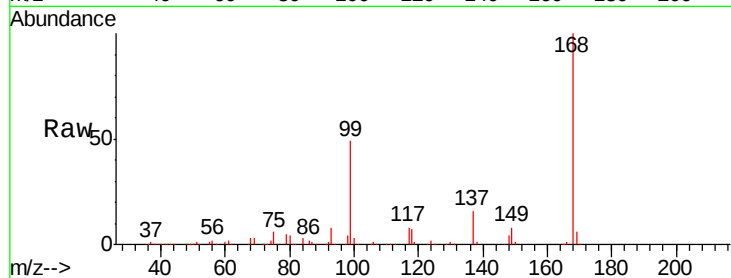
SB-38-16.5-17.0

Tgt Ion:168 Resp: 349975

Ion Ratio Lower Upper

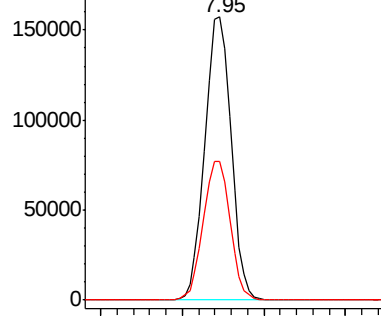
168 100

99 49.2 40.2 60.4

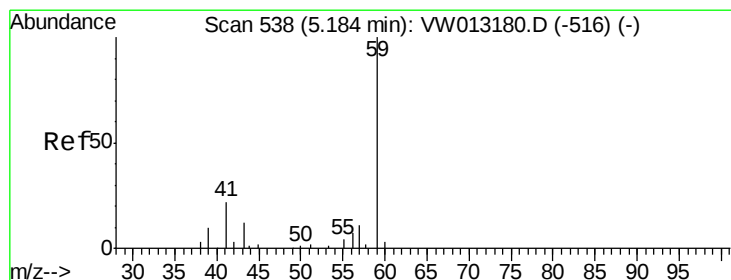
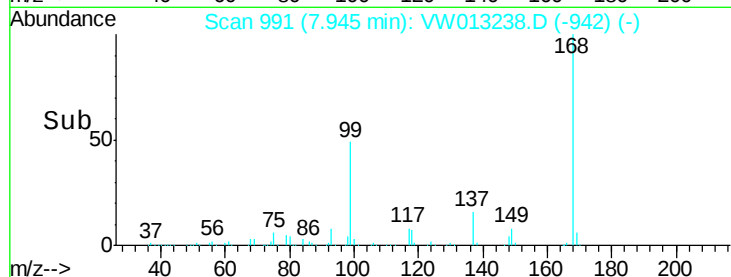


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#11

Tert butyl alcohol

Concen: 72.825 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.07 min

Lab File: VW013238.D

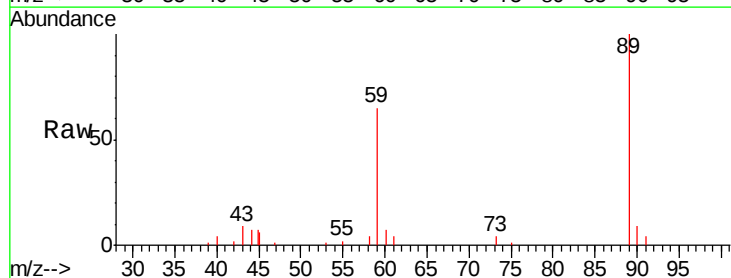
Acq: 23 Sep 2019 18:14

Tgt Ion: 59 Resp: 16447

Ion Ratio Lower Upper

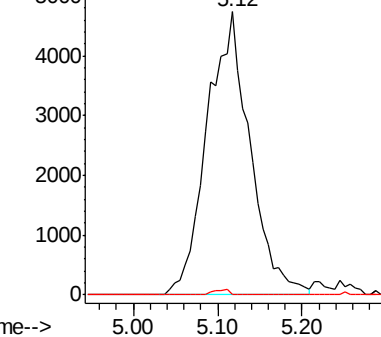
59 100

57 0.7 8.2 12.2#

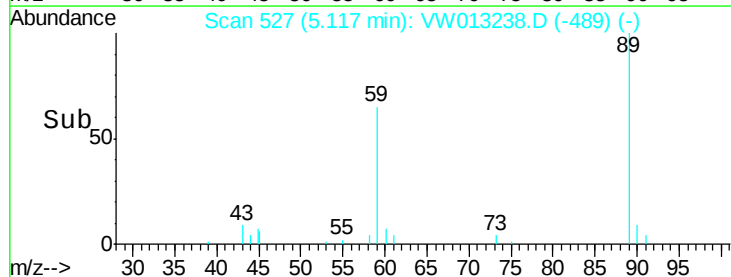


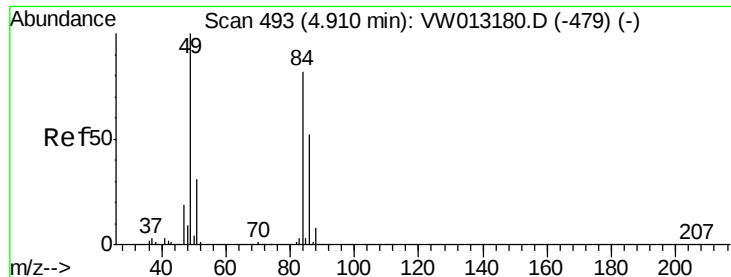
Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->

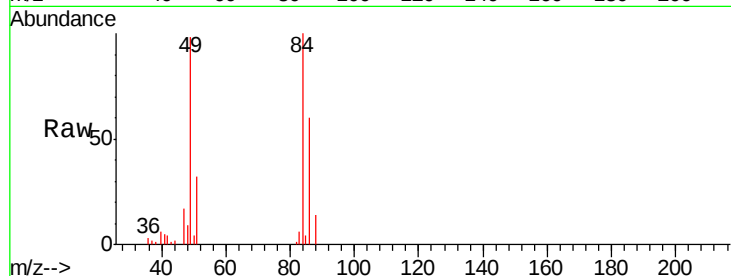




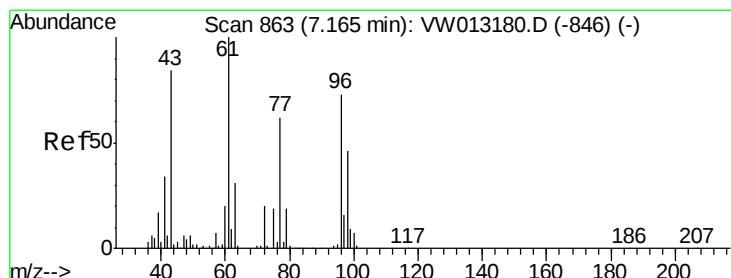
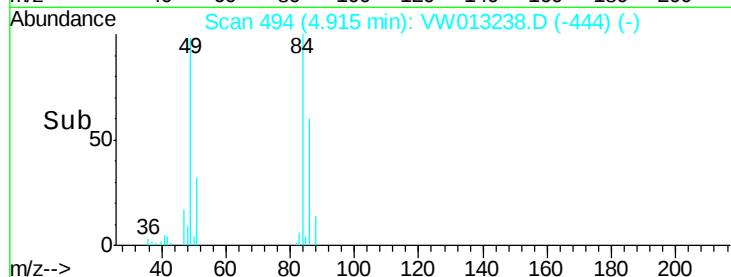
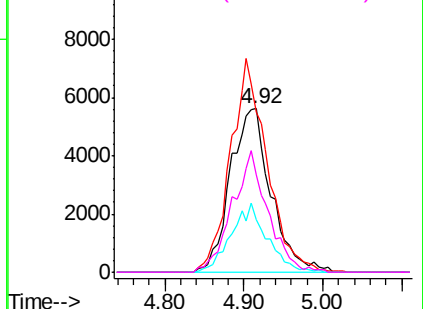
#20
Methylene Chloride
Concen: 3.377 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013238.D
Acq: 23 Sep 2019 18:14

Instrument :
MSVOA_W
ClientSampleId :
SB-38-16.5-17.0

Tgt Ion: 84 Resp: 20048
Ion Ratio Lower Upper
84 100
49 97.9 97.6 146.4
51 31.9 30.2 45.2
86 59.6 50.6 76.0

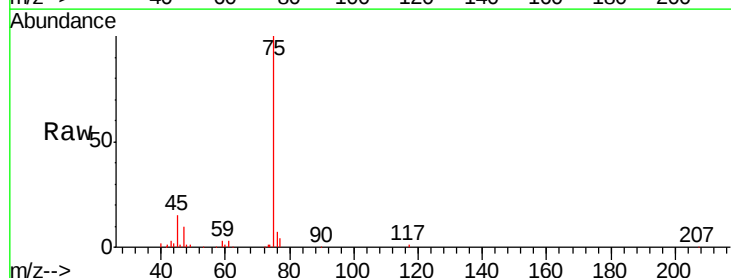


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

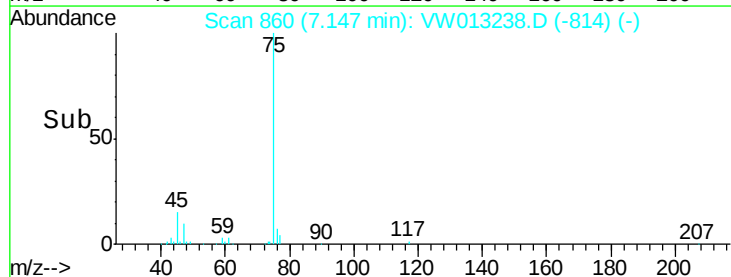
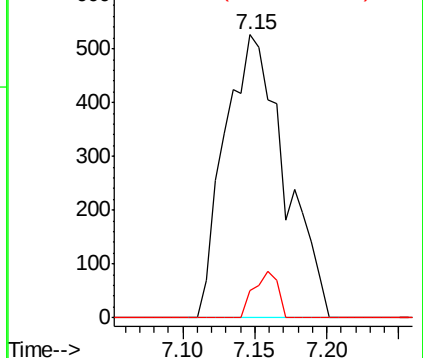


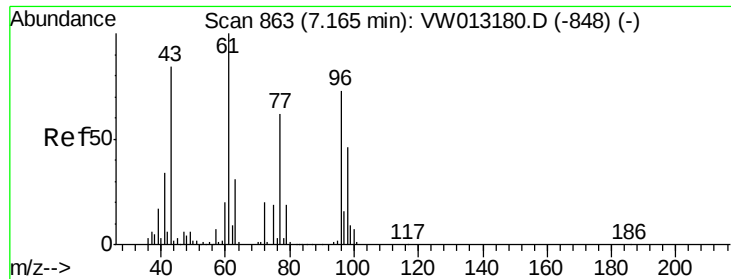
#25
2-Butanone
Concen: 1.577 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW013238.D
Acq: 23 Sep 2019 18:14

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
72 9.7 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

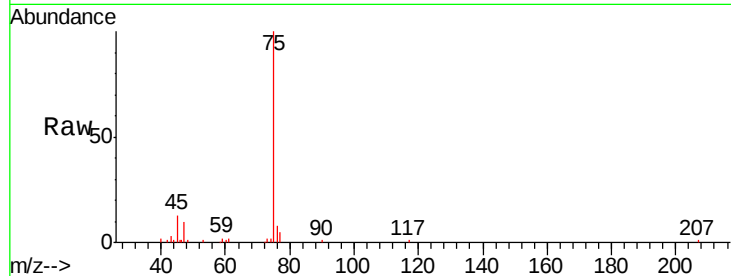
SB-38-16.5-17.0

Tgt Ion: 77 Resp: 2470

Ion Ratio Lower Upper

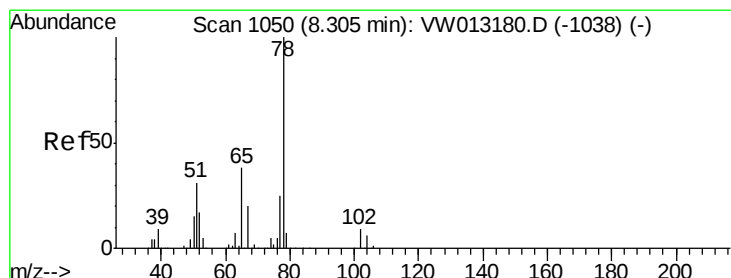
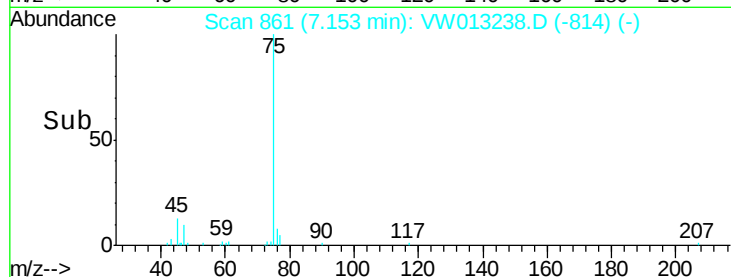
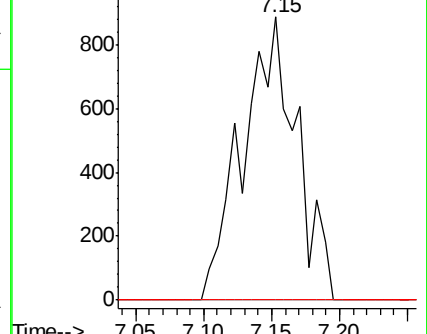
77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#33

1,2-Dichloroethane-d4

Concen: 50.017 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013238.D

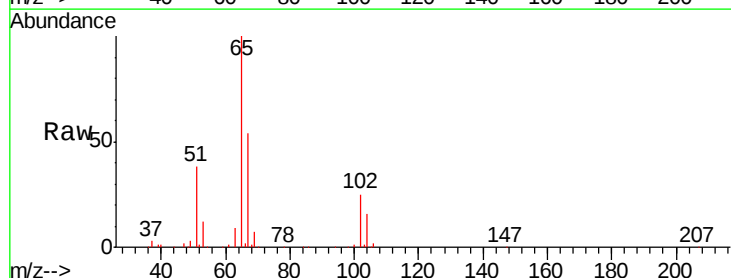
Acq: 23 Sep 2019 18:14

Tgt Ion: 65 Resp: 142863

Ion Ratio Lower Upper

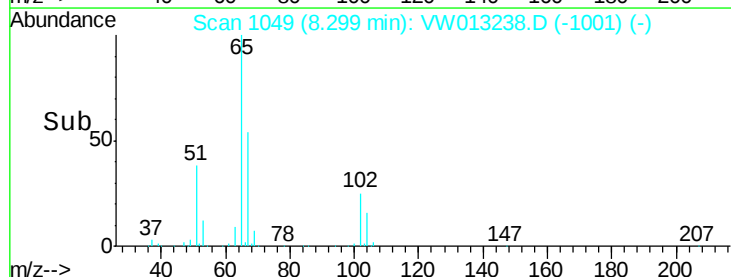
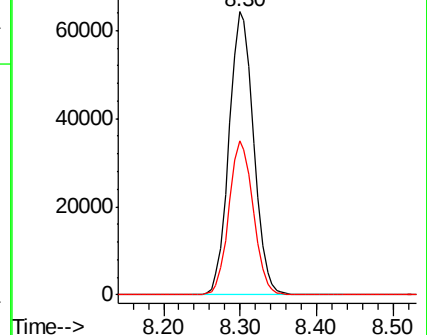
65 100

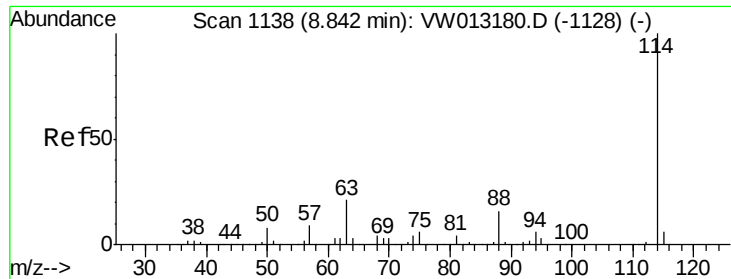
67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

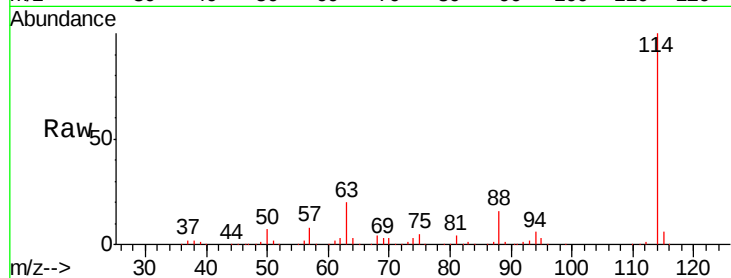




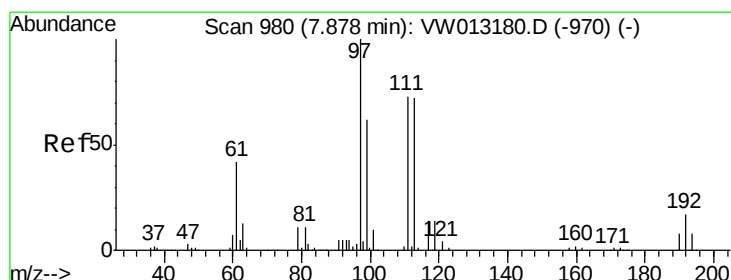
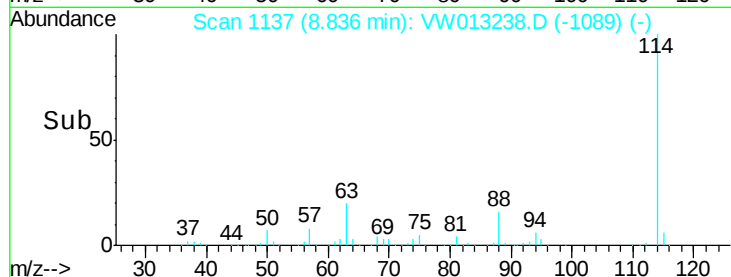
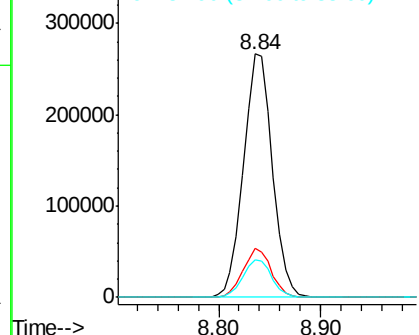
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013238.D
 Acq: 23 Sep 2019 18:14

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-16.5-17.0

Tgt Ion:114 Resp: 522809
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.5 0.0 32.0

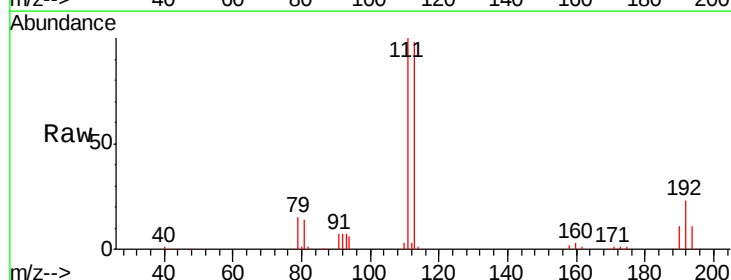


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

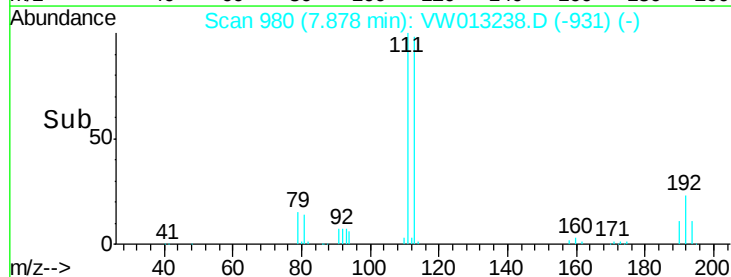
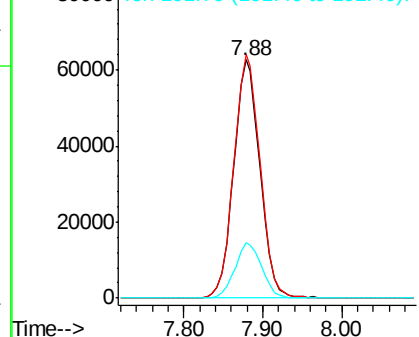


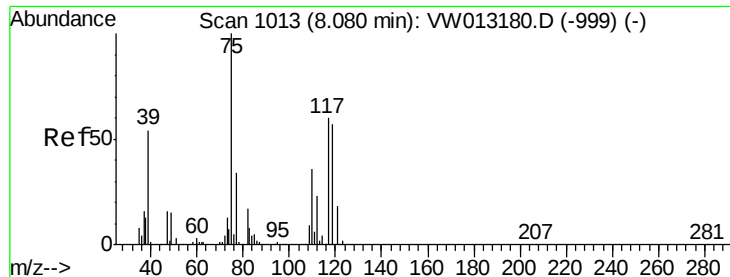
#35
 Dibromofluoromethane
 Concen: 50.262 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013238.D
 Acq: 23 Sep 2019 18:14

Tgt Ion:113 Resp: 144527
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 23.6 19.1 28.7



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

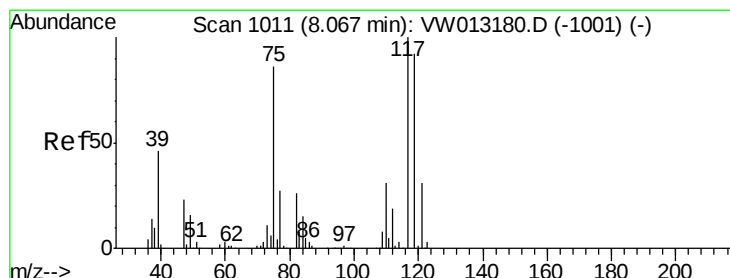
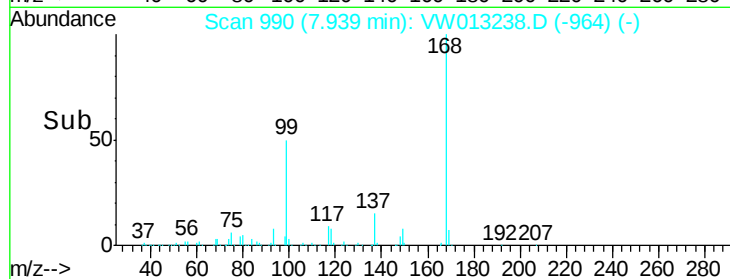
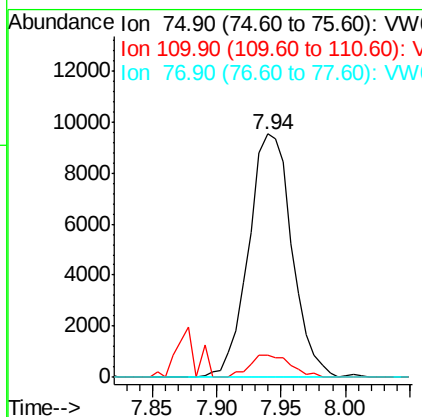
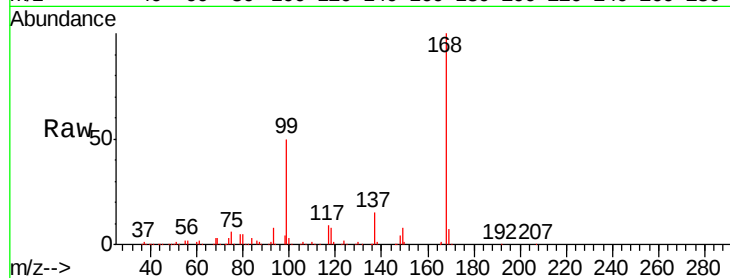




#36
 1,1-Dichloropropene
 Concen: 4.368 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013238.D
 Acq: 23 Sep 2019 18:14

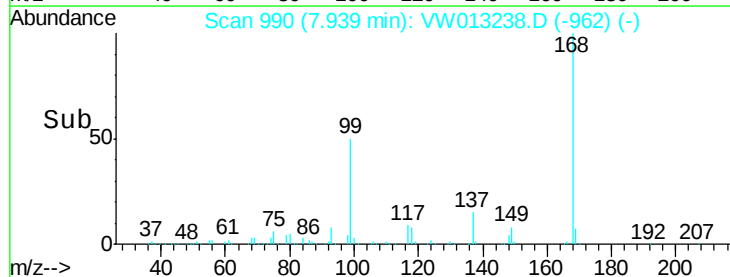
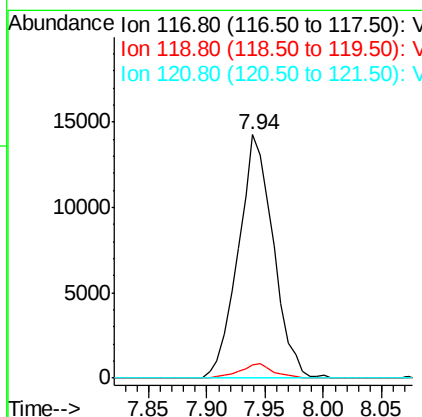
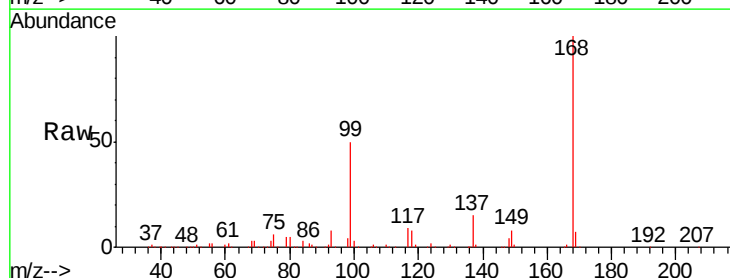
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-16.5-17.0

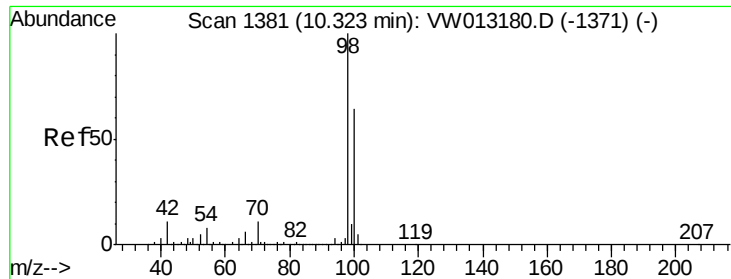
Tgt Ion: 75 Resp: 22118
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.3#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 6.572 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW013238.D
 Acq: 23 Sep 2019 18:14

Tgt Ion: 117 Resp: 29831
 Ion Ratio Lower Upper
 117 100
 119 5.6 73.5 110.3#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 49.987 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

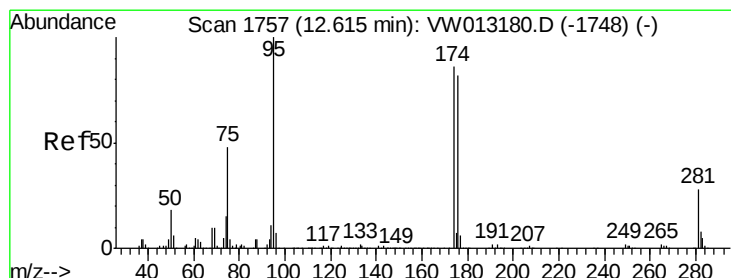
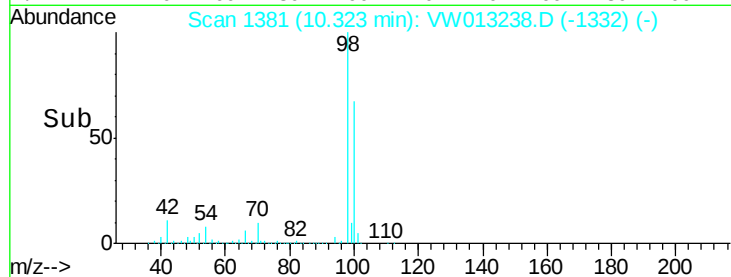
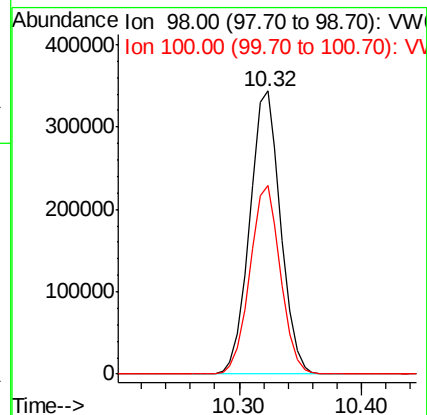
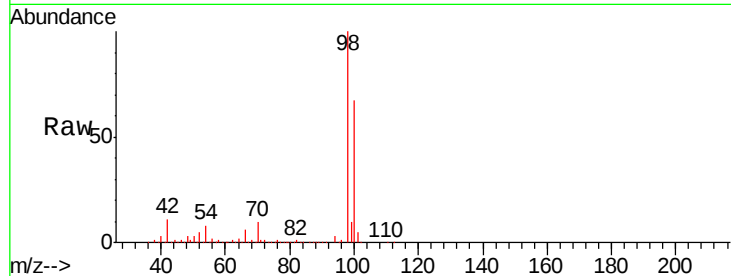
SB-38-16.5-17.0

Tgt Ion: 98 Resp: 601544

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.524 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

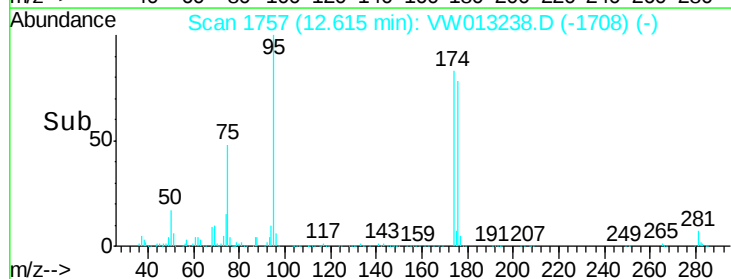
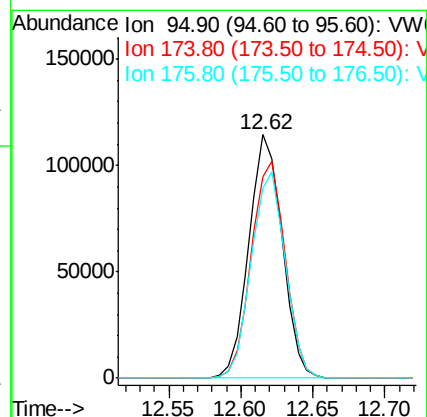
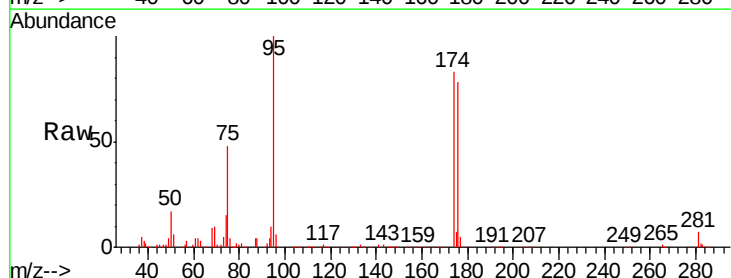
Tgt Ion: 95 Resp: 183027

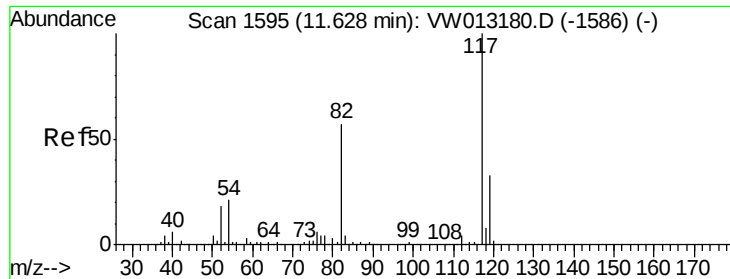
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.4

176 86.6 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

SB-38-16.5-17.0

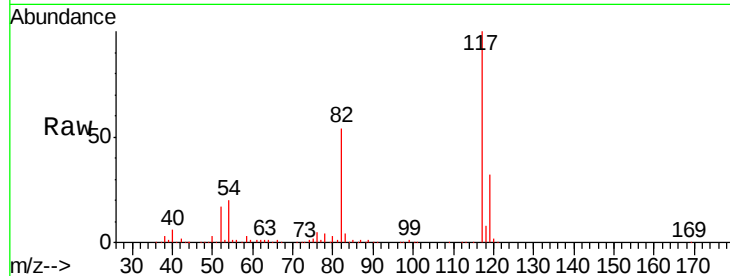
Tgt Ion:117 Resp: 432977

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

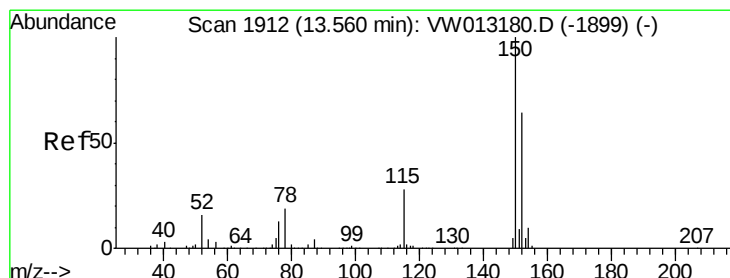
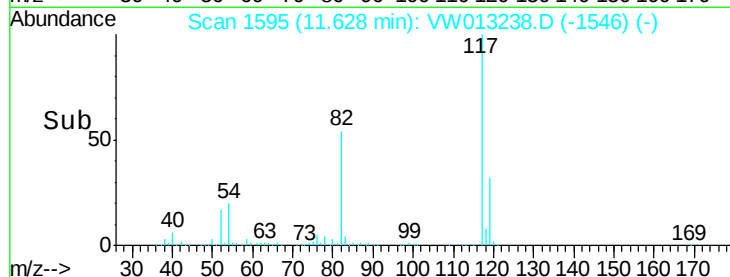
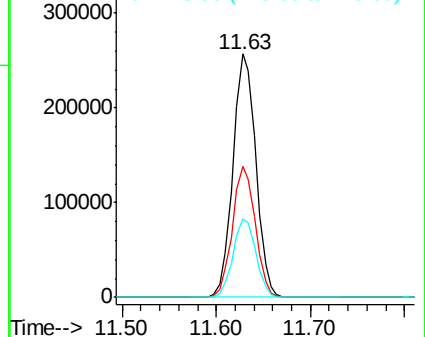
119 32.4 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

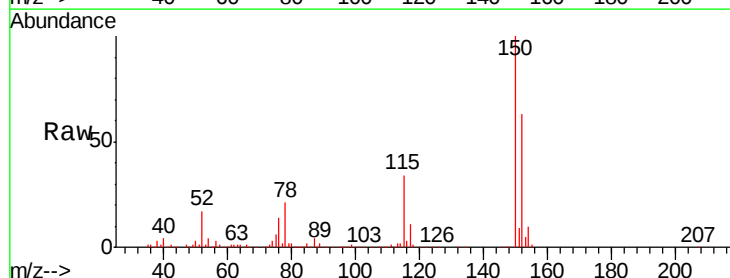
Tgt Ion:152 Resp: 182450

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

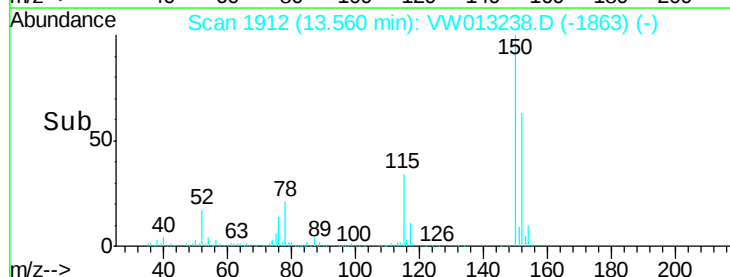
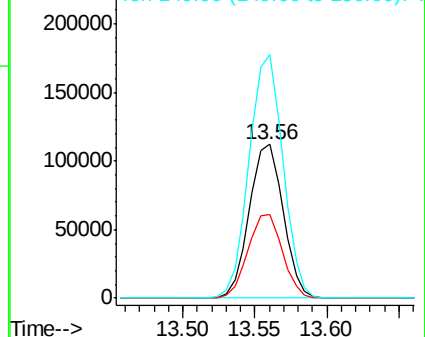
150 158.4 0.0 349.0

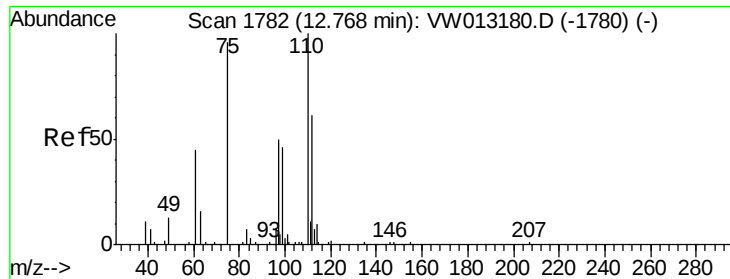


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.033 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

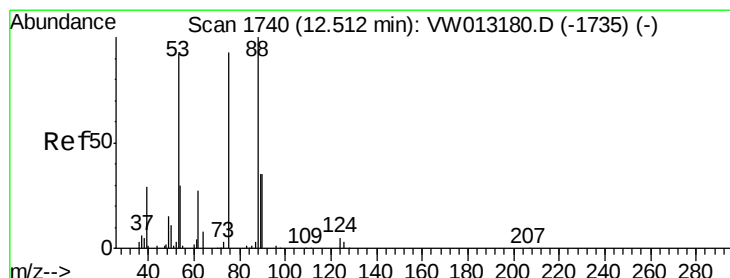
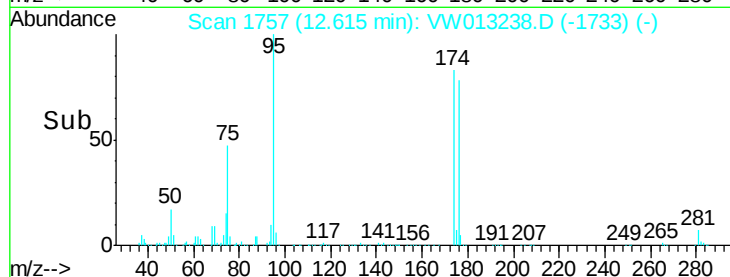
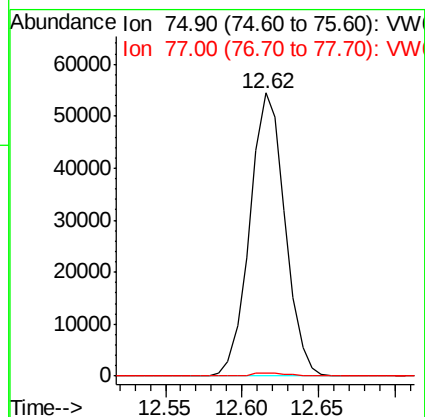
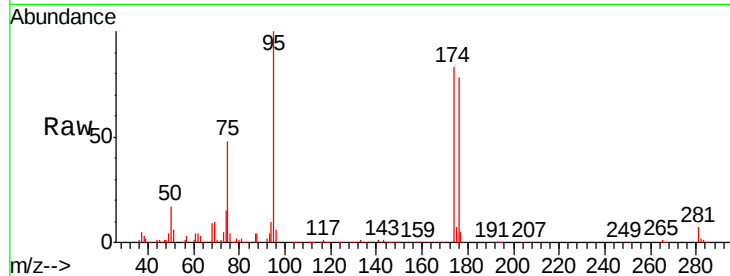
SB-38-16.5-17.0

Tgt Ion: 75 Resp: 87062

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.245 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Tgt Ion: 75 Resp: 87062

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 33.5 50.3#

