

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011476.D
 Acq On : 24 Jul 2019 15:47
 Operator : SY/VA
 Sample : K3880-03
 Misc : 17.33G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:07:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

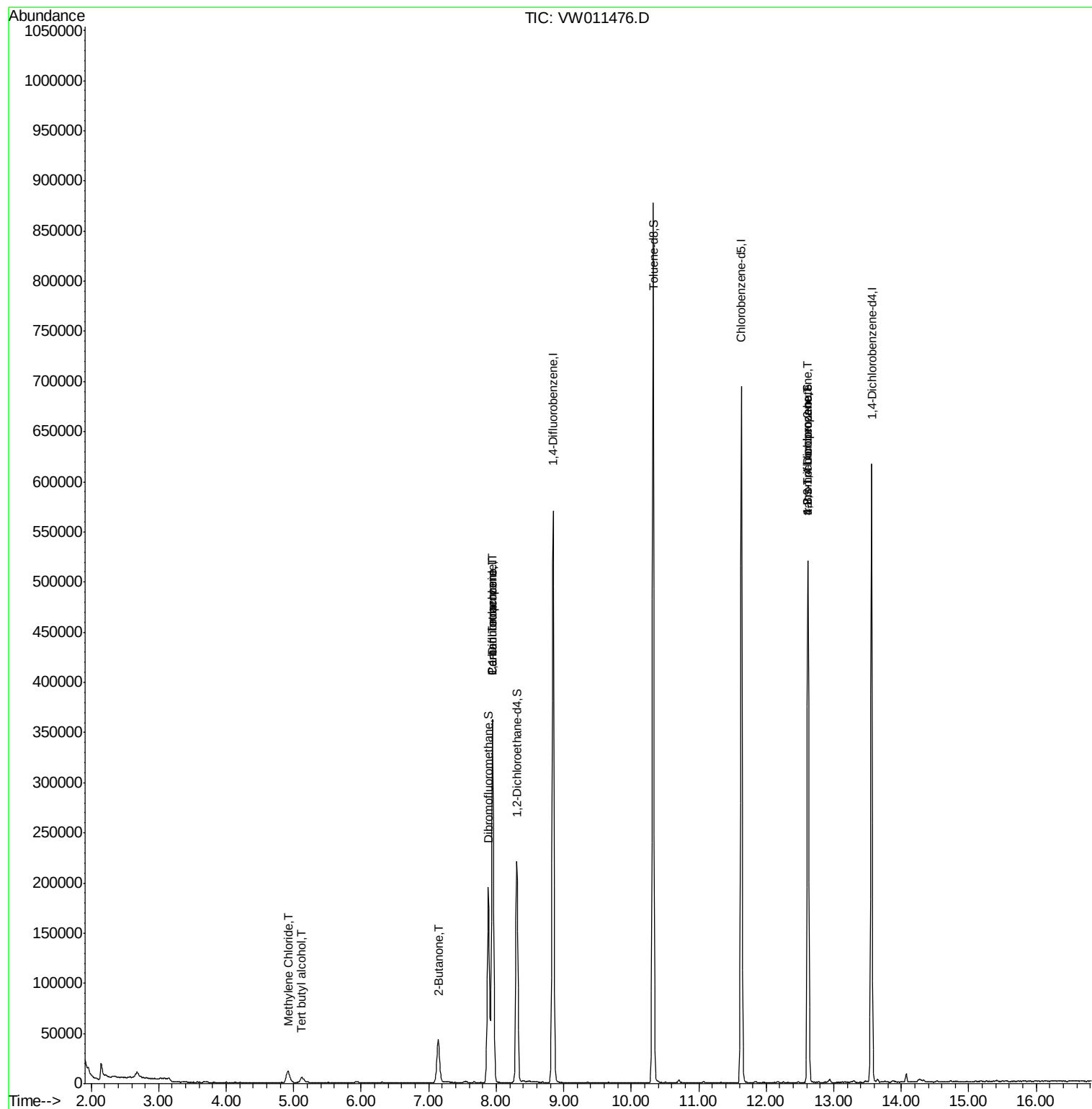
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175670	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.88	113	135635	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.32	98	544579	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	176793	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	6336	25.639	ug/l #	71
18) Methyl Acetate	4.68	43	840	Below Cal	#	63
20) Methylene Chloride	4.92	84	8623	2.722	ug/l	96
25) 2-Butanone	7.15	43	3121	2.476	ug/l #	66
36) 1,1-Dichloropropene	7.95	75	23002	4.849	ug/l #	50
38) Carbon Tetrachloride	7.95	117	25775	6.409	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	91961	52.362	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91961	118.434	ug/l #	6

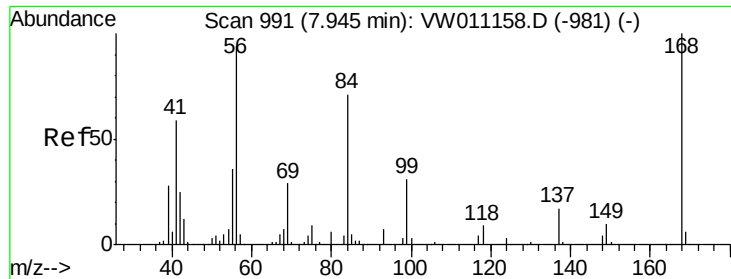
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011476.D

Acq: 24 Jul 2019 15:47

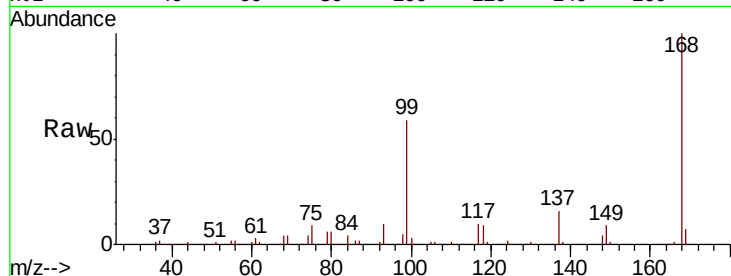
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 265635

Ion Ratio Lower Upper

168 100

99 59.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

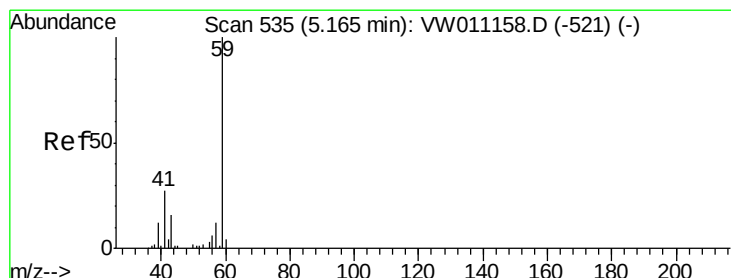
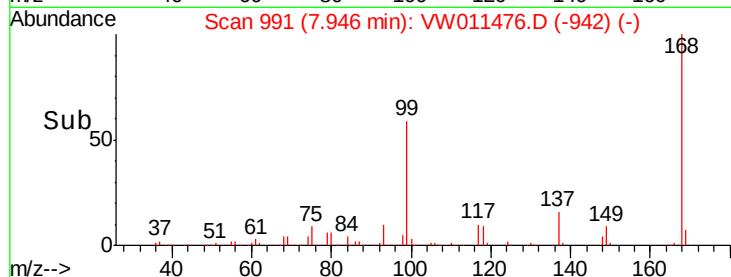
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 25.639 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW011476.D

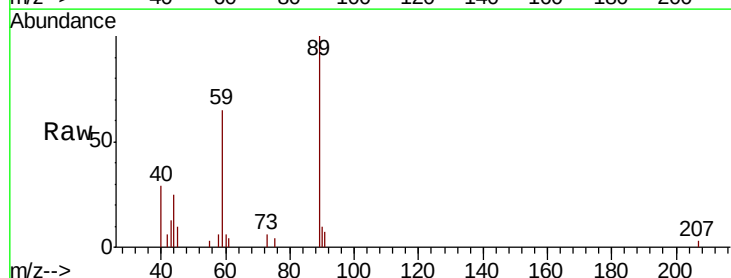
Acq: 24 Jul 2019 15:47

Tgt Ion: 59 Resp: 6336

Ion Ratio Lower Upper

59 100

57 0.4 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

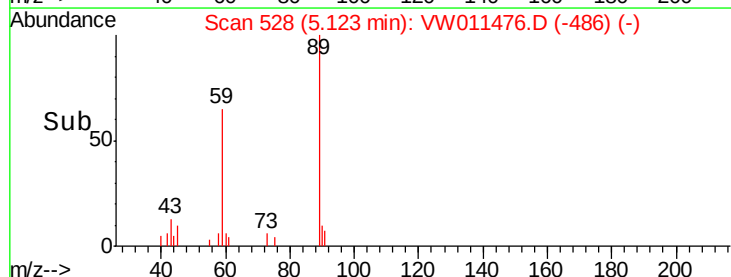
1500

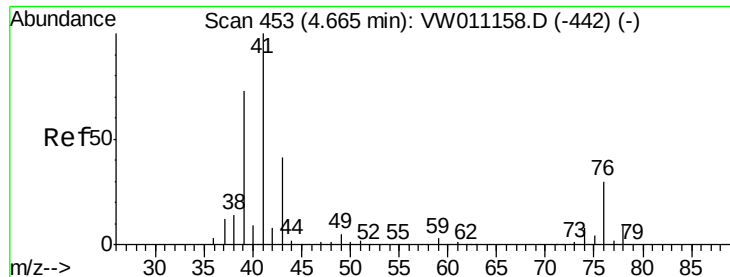
1000

500

0

Time--> 5.00 5.10 5.20 5.30

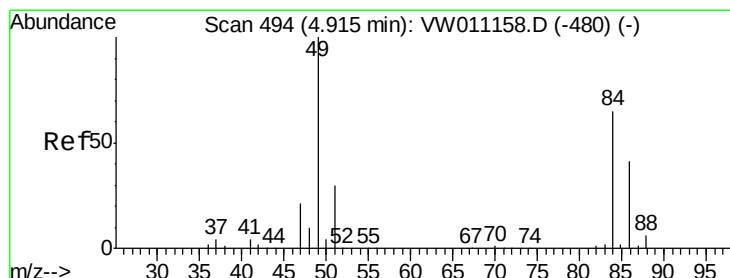
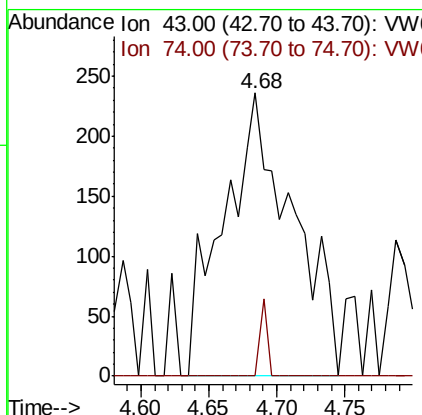
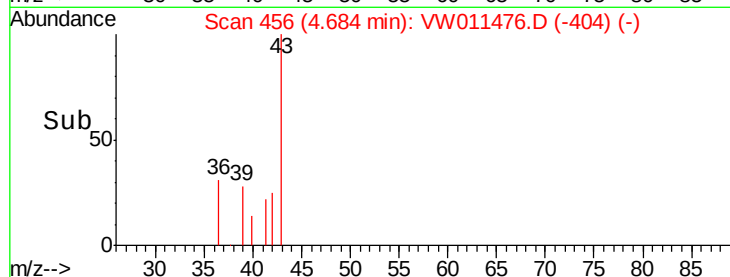
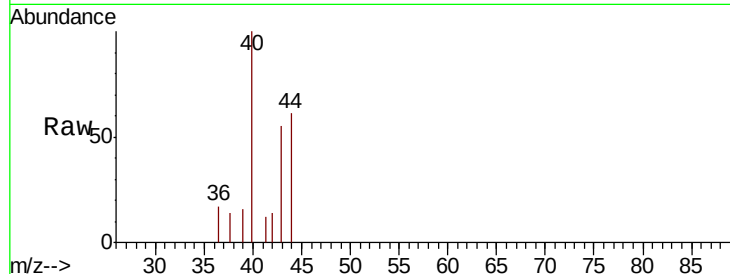




#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW011476.D
Acq: 24 Jul 2019 15:47

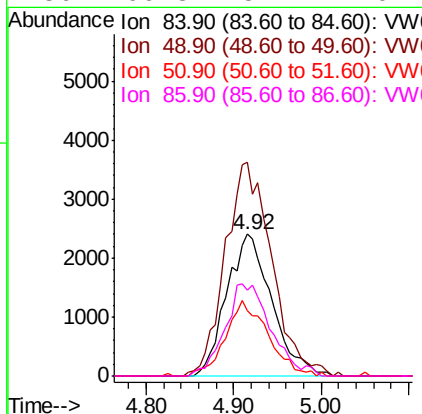
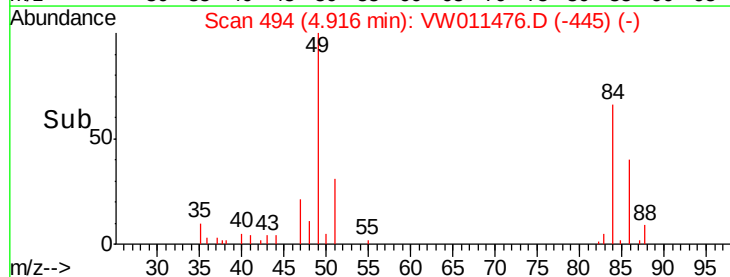
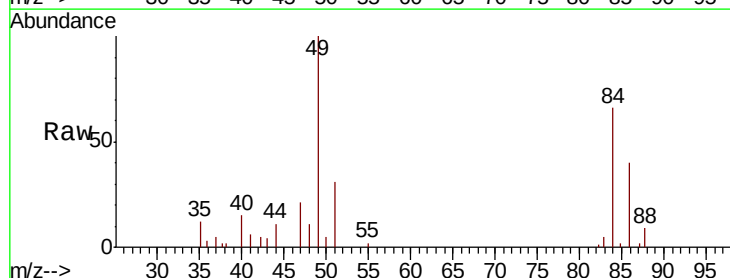
Instrument :
MSVOA_W
ClientSampled :

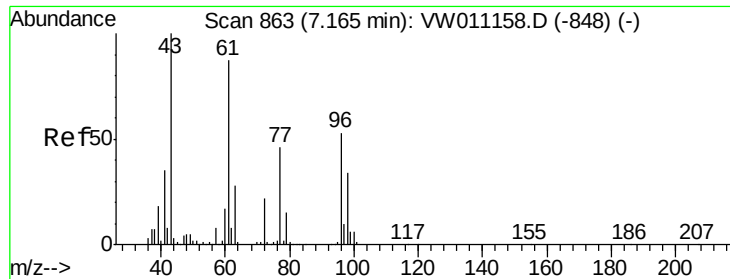
Tot Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
74 2.9 15.7 23.5#



#20
Methylene Chloride
Concen: 2.722 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011476.D
Acq: 24 Jul 2019 15:47

Tgt Ion: 84 Resp: 8623
Ion Ratio Lower Upper
84 100
49 148.4 123.8 185.6
51 46.4 37.4 56.2
86 60.3 51.1 76.7





#25

2-Butanone

Concen: 2.476 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

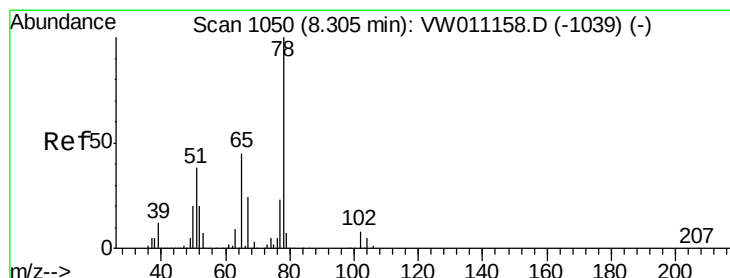
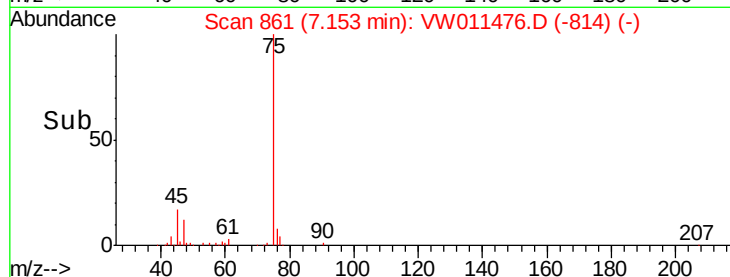
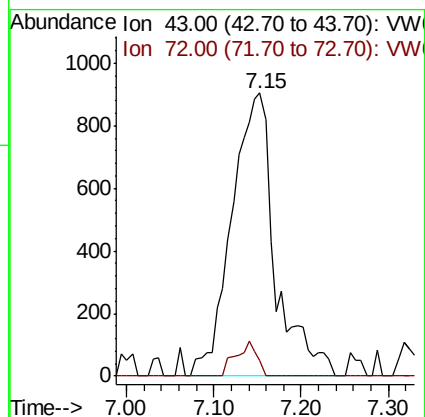
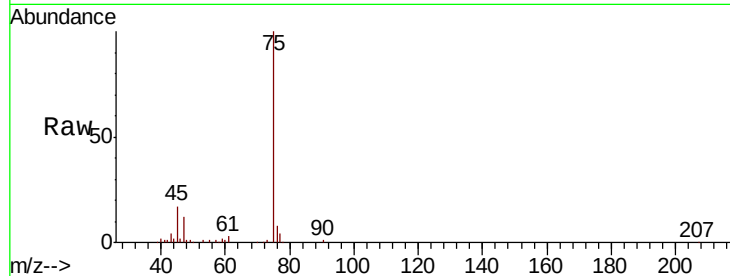
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3121

Ion Ratio Lower Upper

43 100

72 5.8 17.6 26.4#



#33

1,2-Dichloroethane-d4

Concen: 52.630 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011476.D

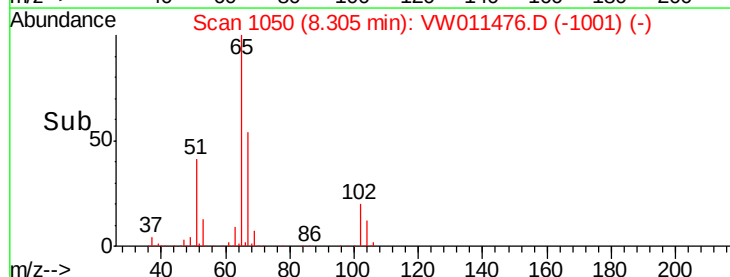
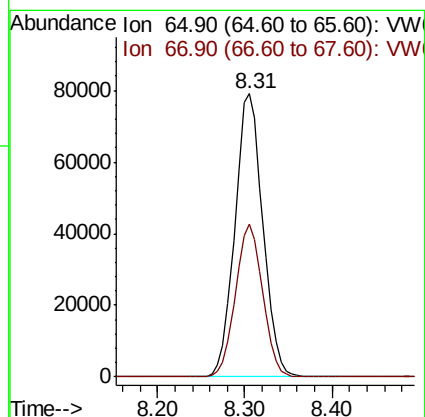
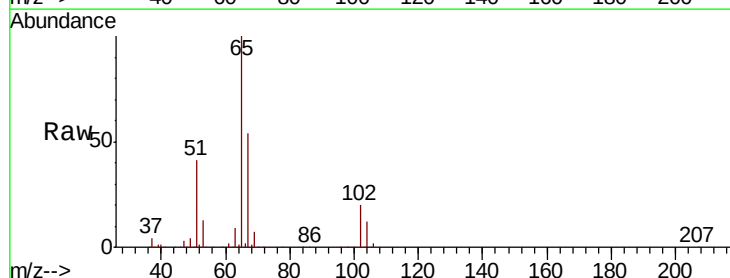
Acq: 24 Jul 2019 15:47

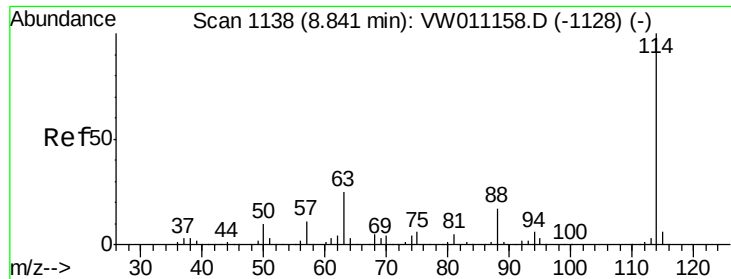
Tgt Ion: 65 Resp: 175670

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4

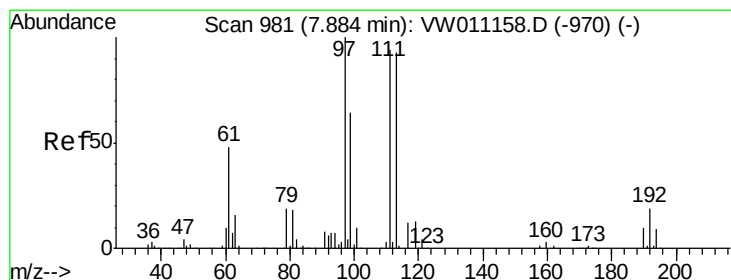
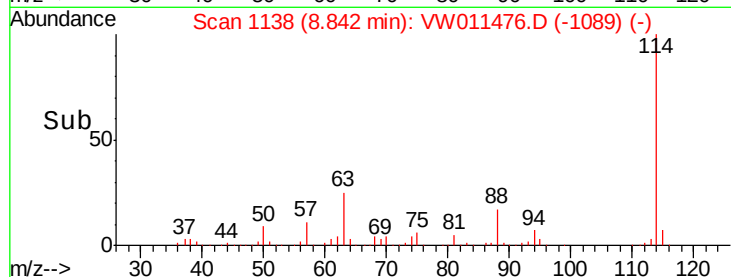
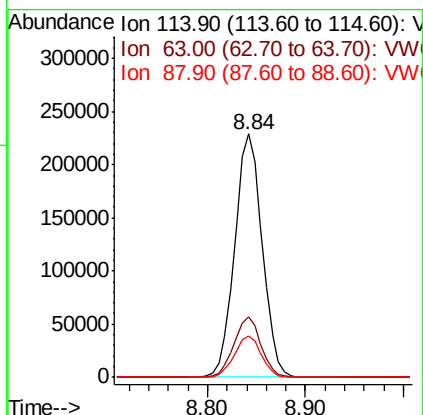
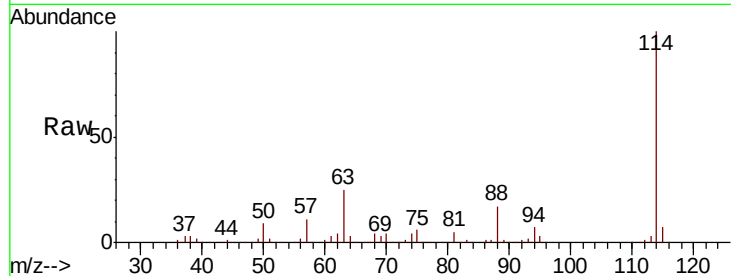




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011476.D
 Acq: 24 Jul 2019 15:47

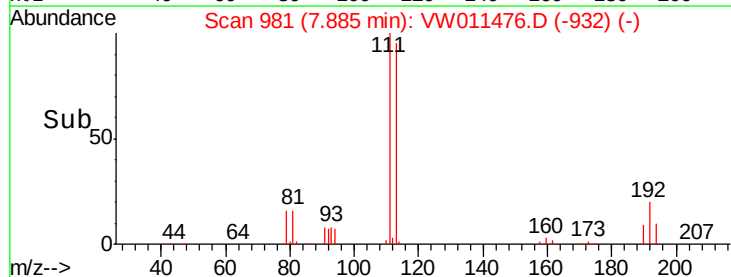
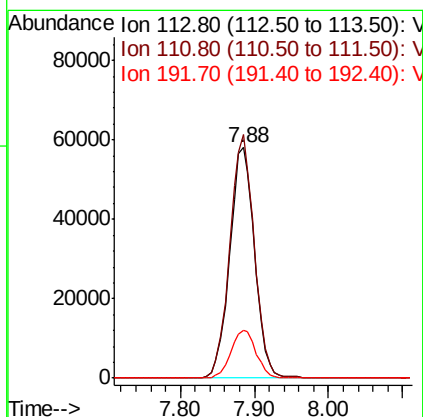
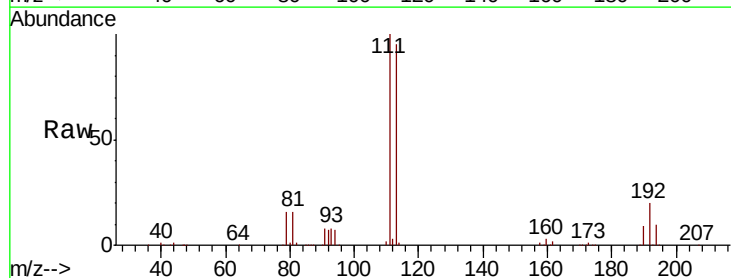
Instrument :
 MSVOA_W
 ClientSampleId :

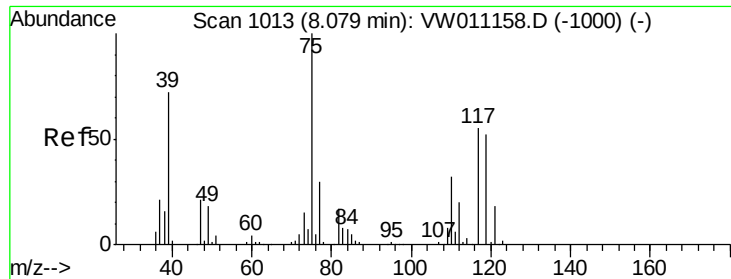
Tot Ion:114 Resp: 445480
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 17.0 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 51.082 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011476.D
 Acq: 24 Jul 2019 15:47

Tgt Ion:113 Resp: 135635
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 21.0 15.8 23.8

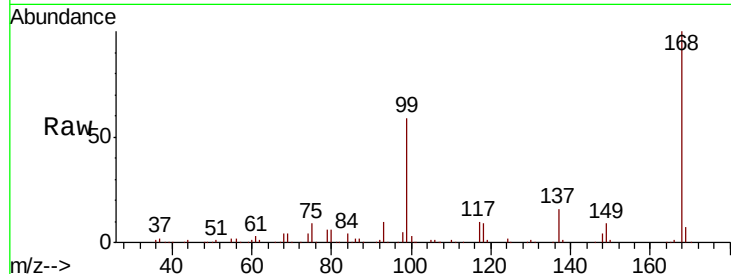




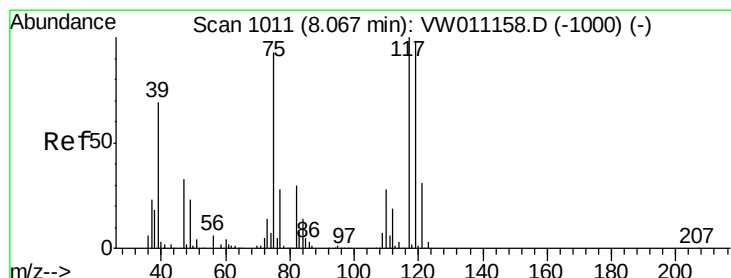
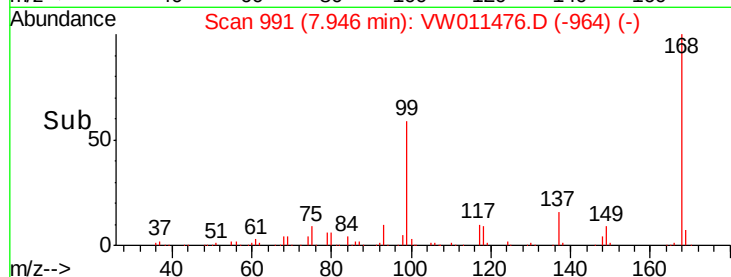
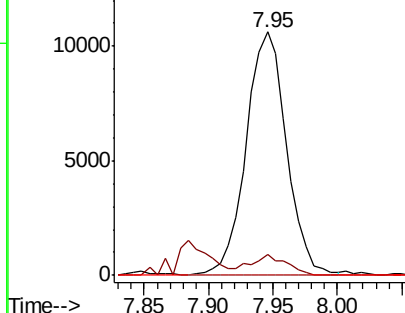
#36
 1,1-Dichloropropene
 Concen: 4.849 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011476.D
 Acq: 24 Jul 2019 15:47

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	15.9	47.6#
77	0.0	24.6	36.8#

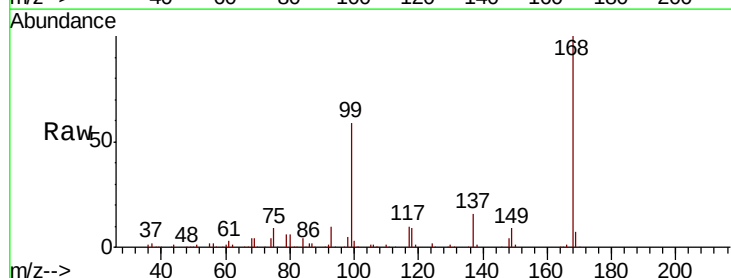


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

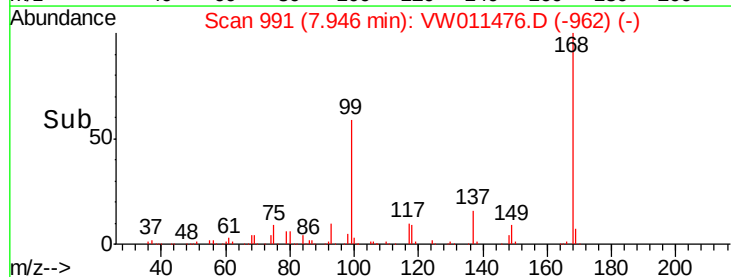
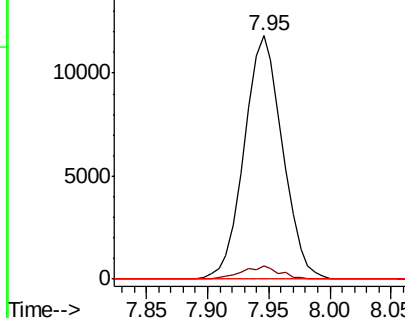


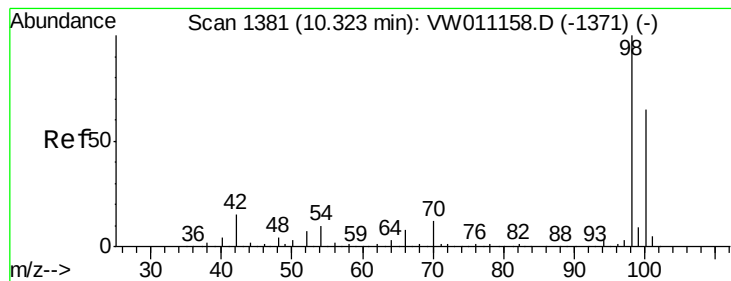
#38
 Carbon Tetrachloride
 Concen: 6.409 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011476.D
 Acq: 24 Jul 2019 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.1	117.1#
121	0.0	25.1	37.7#



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: 50.739 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

Instrument :

MSVOA_W

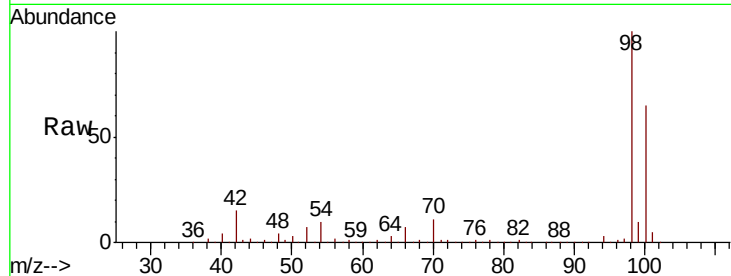
ClientSampleId :

Tot Ion: 98 Resp: 544579

Ion Ratio Lower Upper

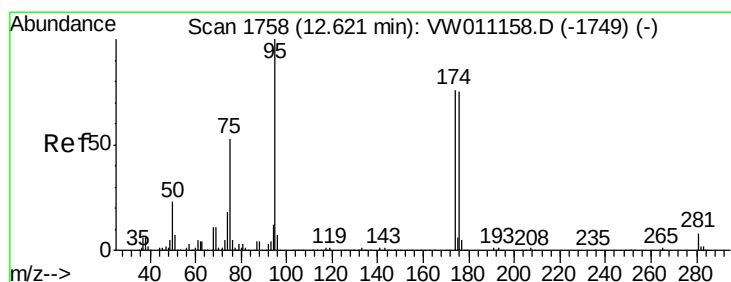
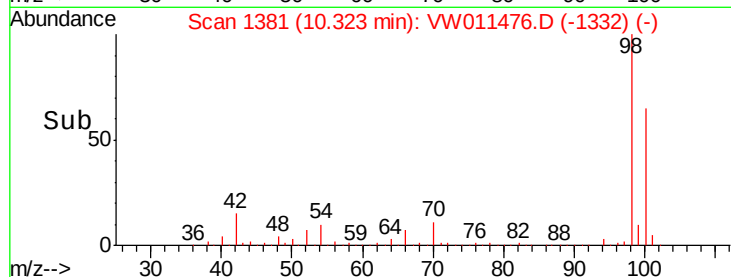
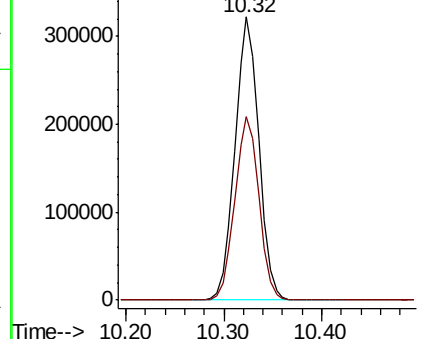
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.940 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

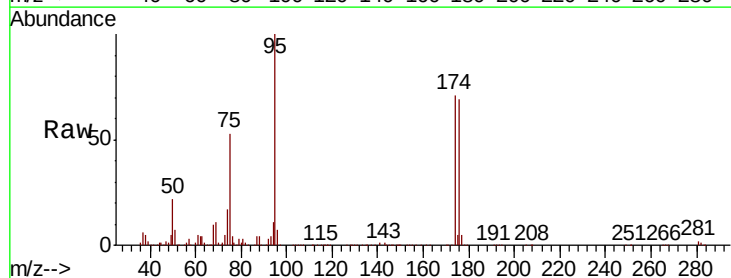
Tgt Ion: 95 Resp: 176793

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.6

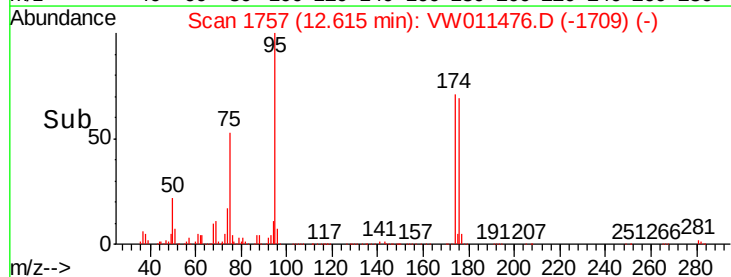
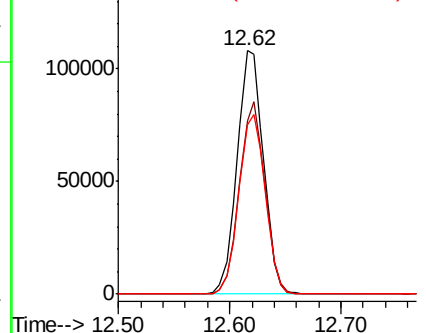
176 73.9 0.0 144.6

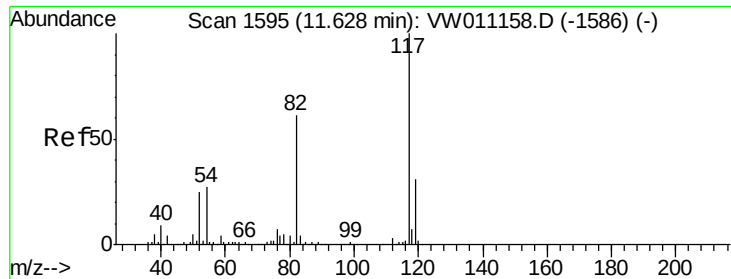


Abundance Ion 94.90 (94.60 to 95.60): VW

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. 0.01 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

Instrument :

MSVOA_W

ClientSampled :

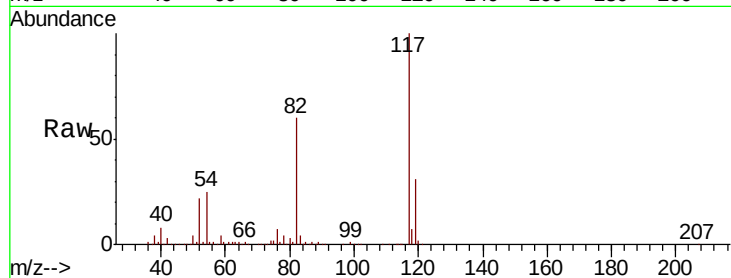
Tot Ion:117 Resp: 375074

Ion Ratio Lower Upper

117 100

82 59.7 48.9 73.3

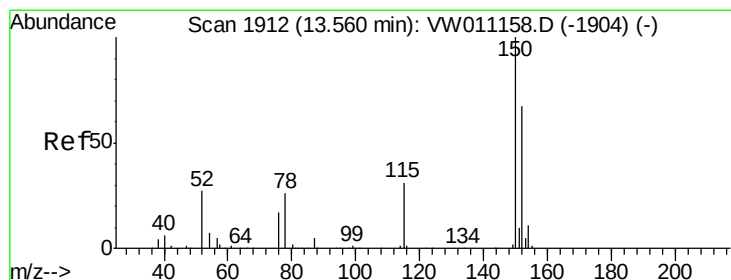
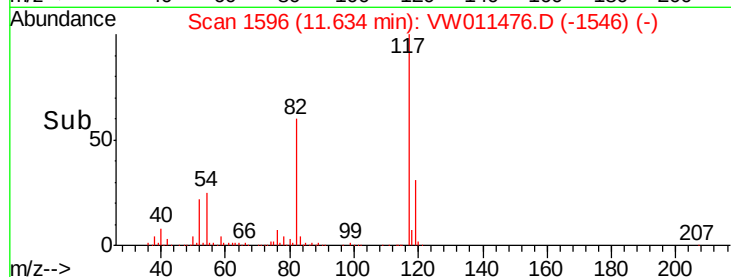
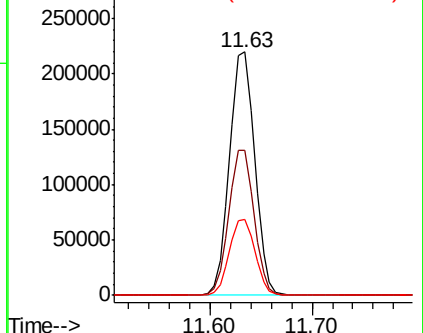
119 31.2 25.0 37.6



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

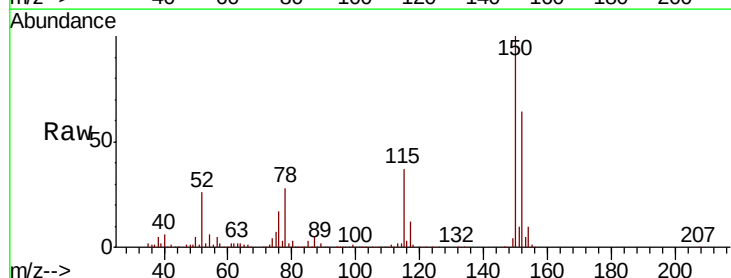
Tgt Ion:152 Resp: 151973

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

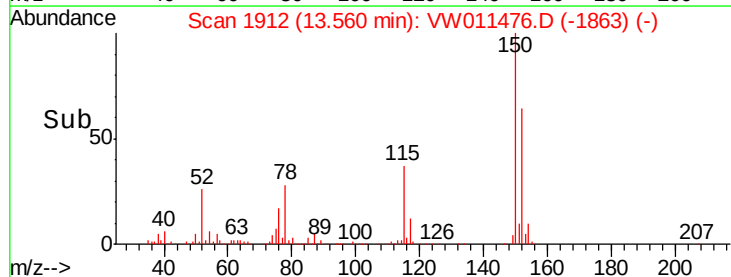
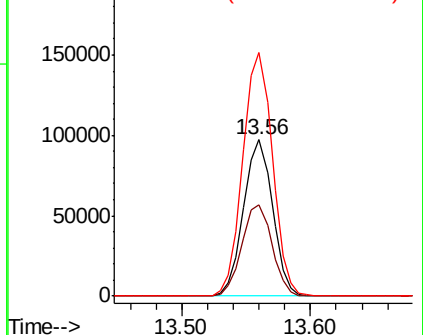
150 158.9 0.0 346.0

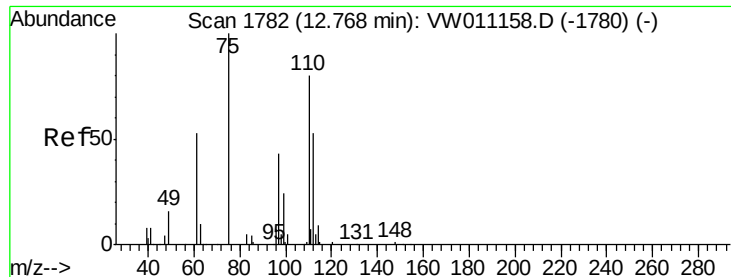


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 52.362 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

Instrument :

MSVOA_W

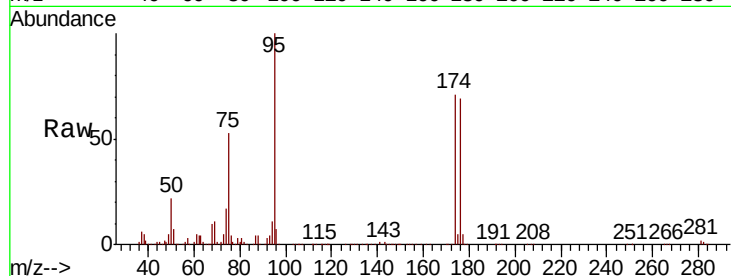
ClientSampleId :

Tot Ion: 75 Resp: 91961

Ion Ratio Lower Upper

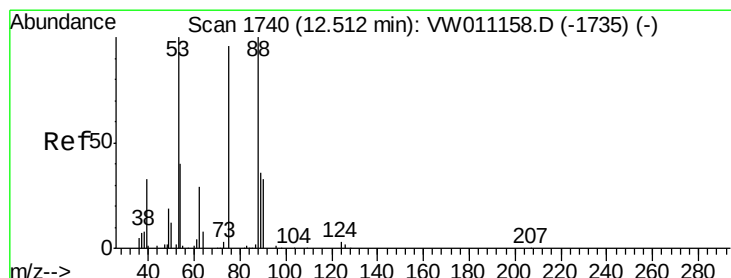
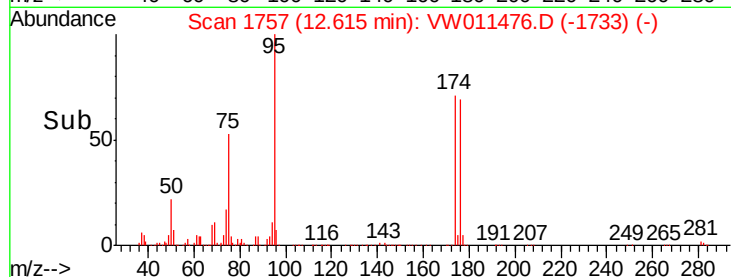
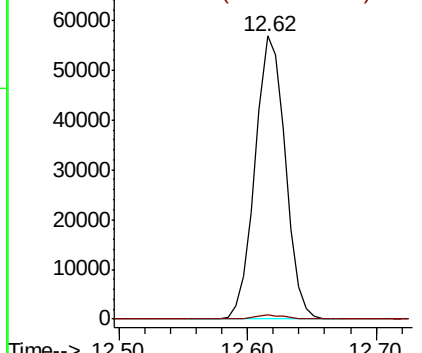
75 100

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: 118.434 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011476.D

Acq: 24 Jul 2019 15:47

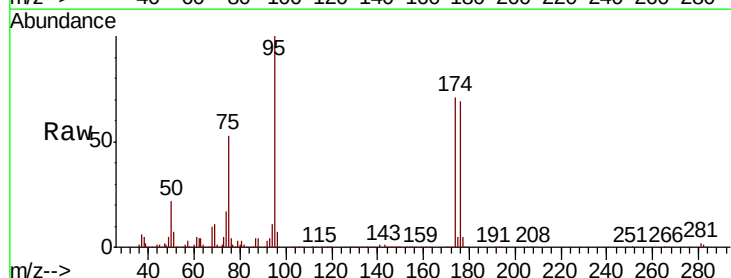
Tgt Ion: 75 Resp: 91961

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.1 34.3 51.5#



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

