

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013226.D
 Acq On : 23 Sep 2019 13:03
 Operator : SY/VA
 Sample : K4997-02
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-08-091919

Quant Time: Sep 24 06:38:51 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	332434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151721	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	130189	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.88	113	136018	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.32	98	563257	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	162445	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	

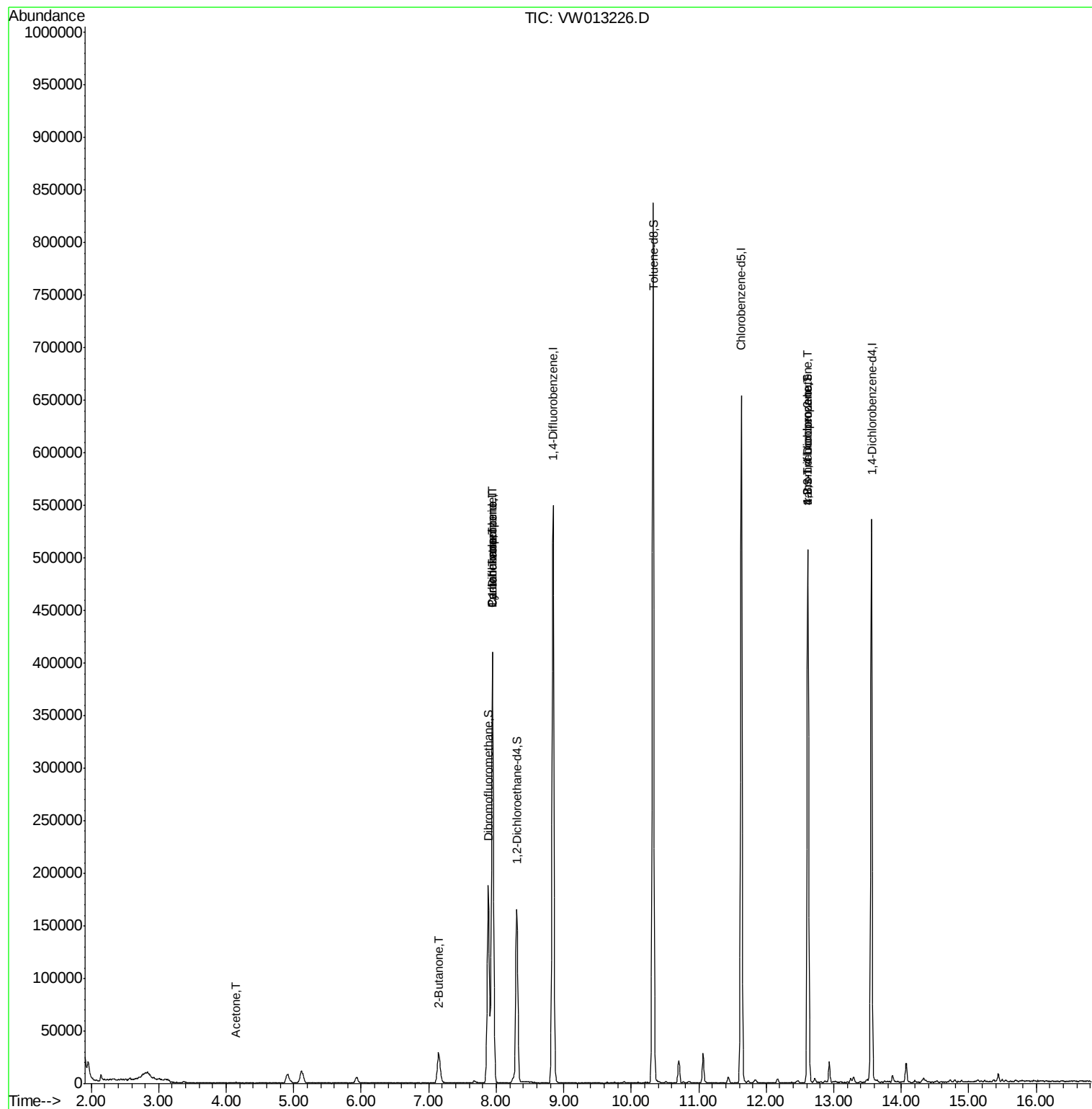
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	328	Below Cal	#	73
16) Acetone	4.15	43	1777	2.904	ug/l #	69
20) Methylene Chloride	4.91	84	6981	Below Cal	#	95
25) 2-Butanone	7.14	43	1352	1.472	ug/l #	87
26) 2,2-Dichloropropane	7.13	77	2298	Below Cal	#	52
31) Cyclohexane	7.94	56	6073	1.033	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22035	4.643	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27903	6.558	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	78936	58.912	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78936	132.193	ug/l #	12

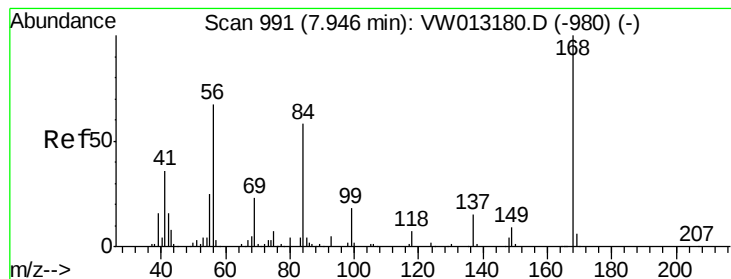
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

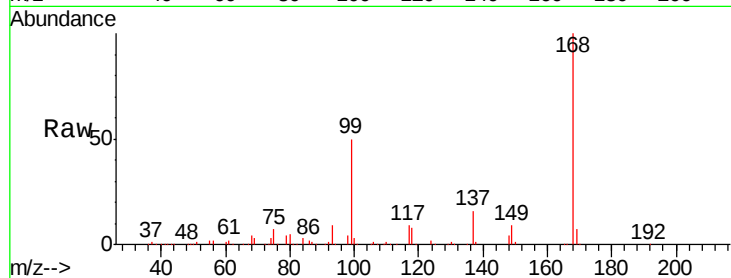
WC-08-091919

Tgt Ion: 168 Resp: 332434

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

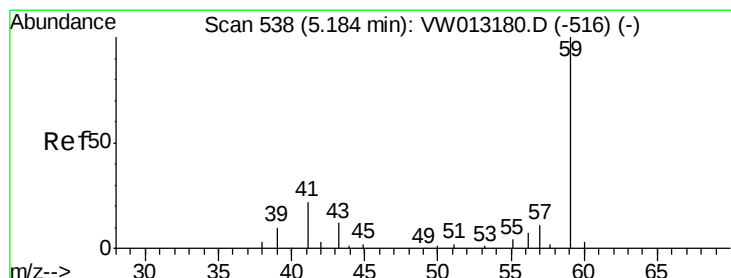
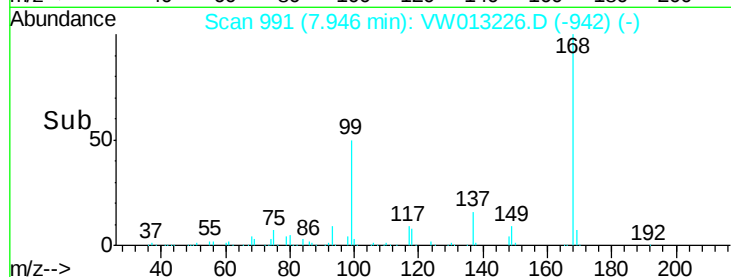
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 547

Delta R.T. 0.06 min

Lab File: VW013226.D

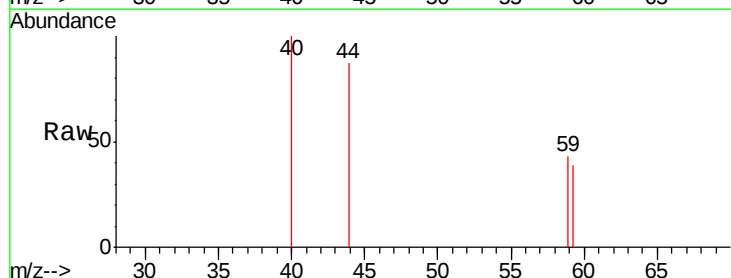
Acq: 23 Sep 2019 13:03

Tgt Ion: 59 Resp: 328

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

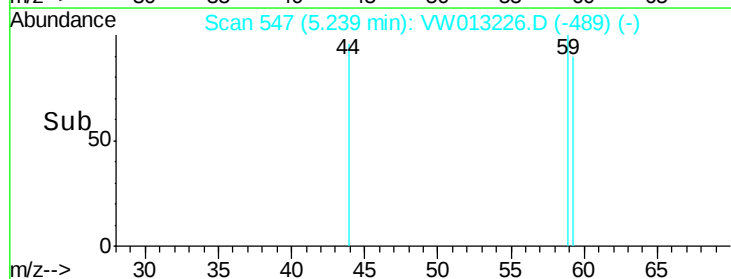
300

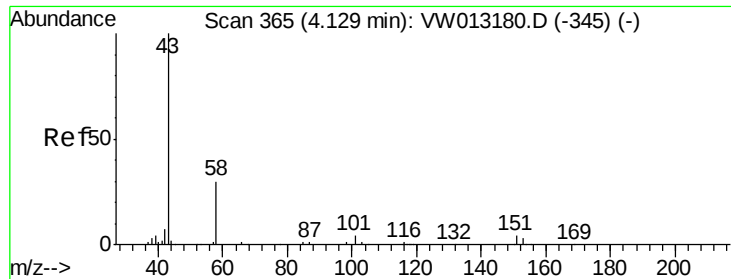
200

100

0

Time-->





#16

Acetone

Concen: 2.904 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

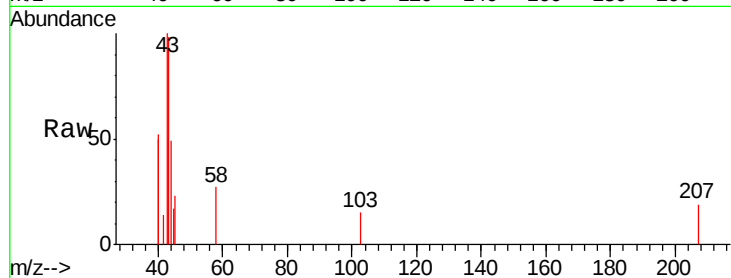
WC-08-091919

Tgt Ion: 43 Resp: 1777

Ion Ratio Lower Upper

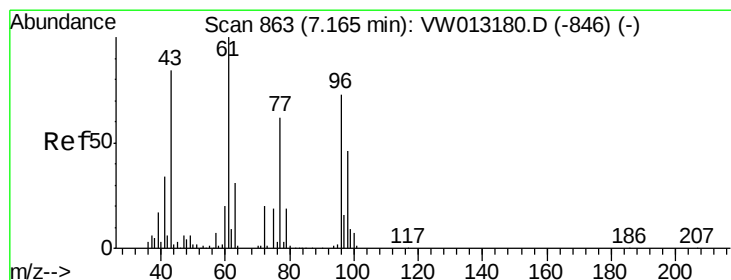
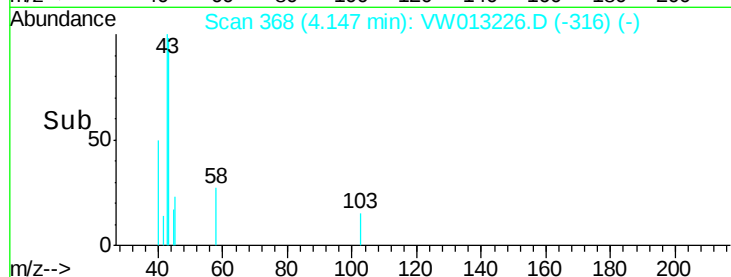
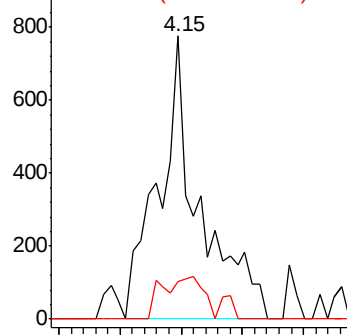
43 100

58 13.5 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.472 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013226.D

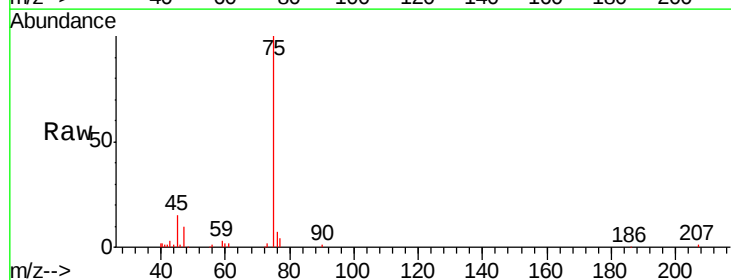
Acq: 23 Sep 2019 13:03

Tgt Ion: 43 Resp: 1352

Ion Ratio Lower Upper

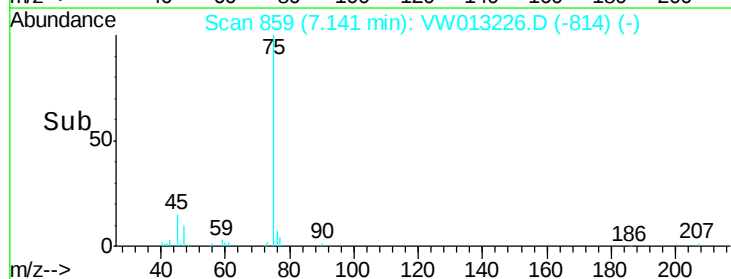
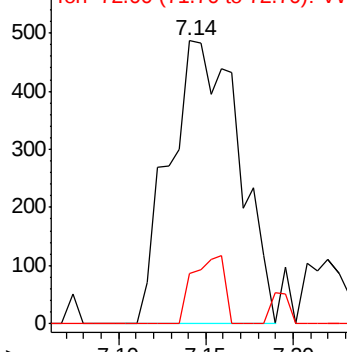
43 100

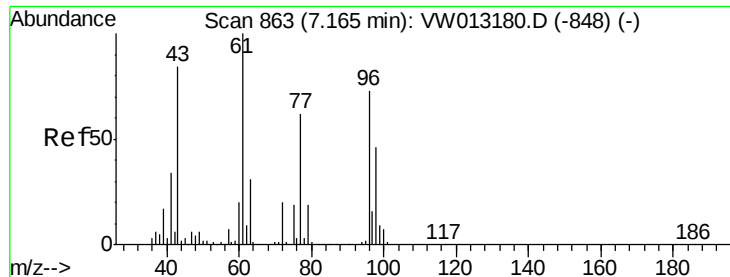
72 17.7 19.4 29.0#



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: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

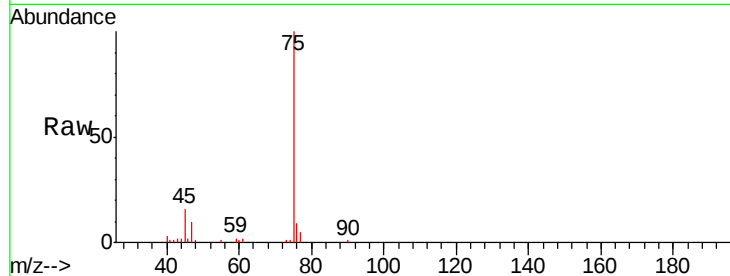
WC-08-091919

Tgt Ion: 77 Resp: 2298

Ion Ratio Lower Upper

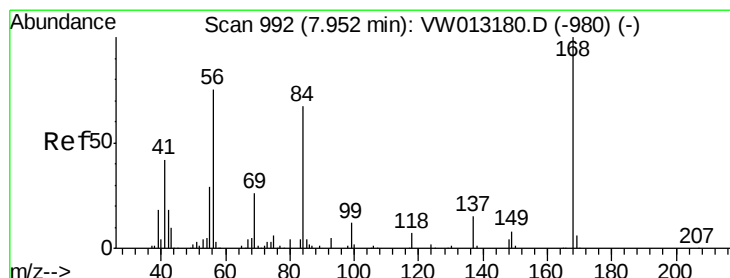
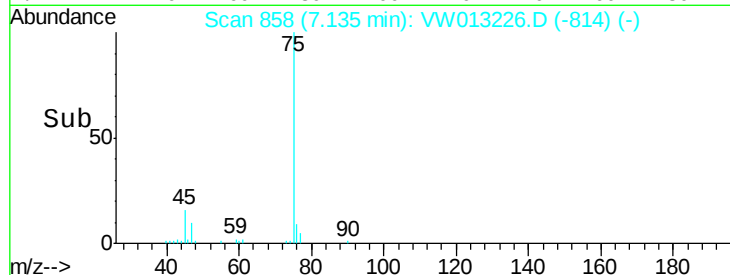
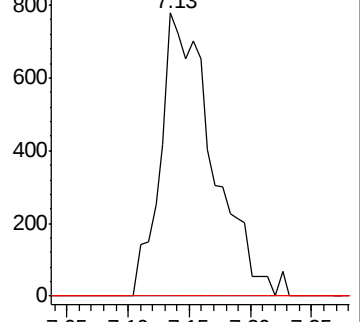
77 100

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



#31

Cyclohexane

Concen: 1.033 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

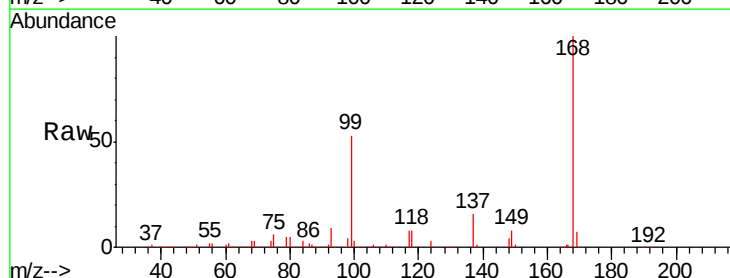
Tgt Ion: 56 Resp: 6073

Ion Ratio Lower Upper

56 100

69 171.2 27.2 40.8#

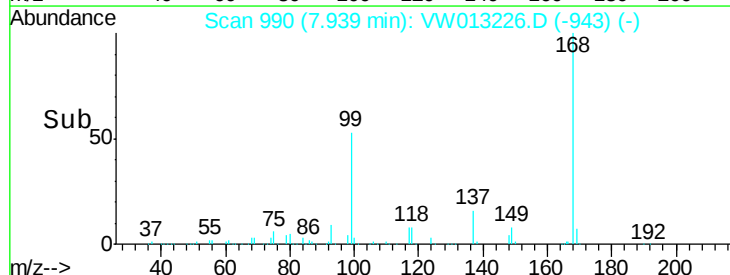
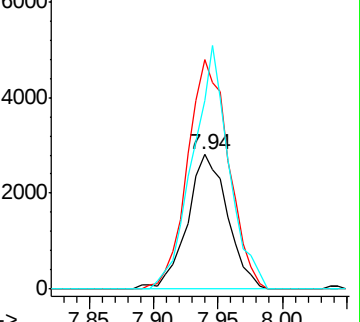
84 140.7 70.8 106.2#

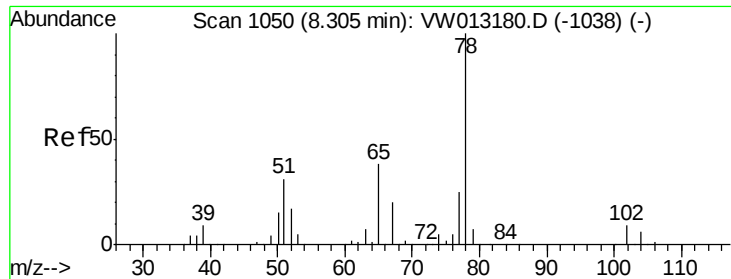


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

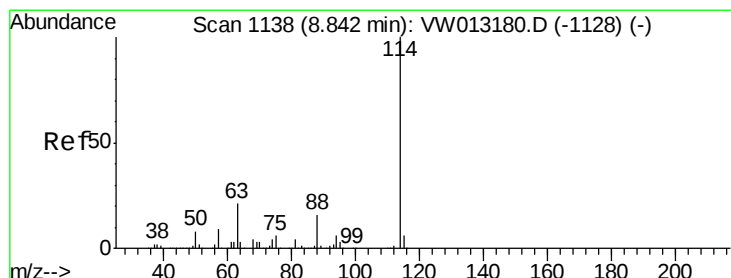
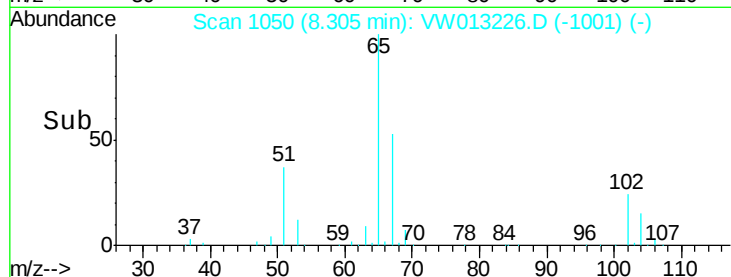
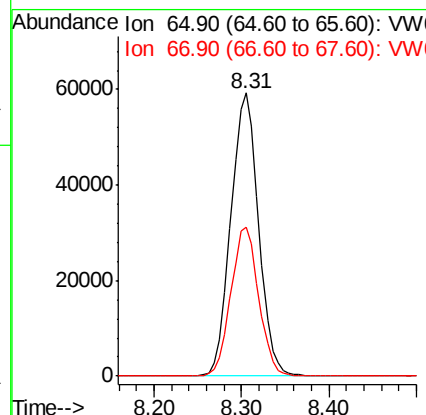
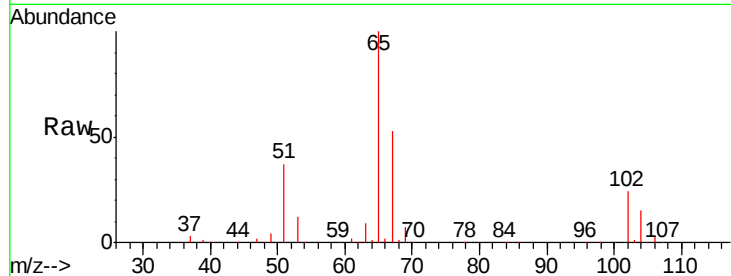




#33
 1,2-Dichloroethane-d4
 Concen: 47.984 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013226.D
 Acq: 23 Sep 2019 13:03

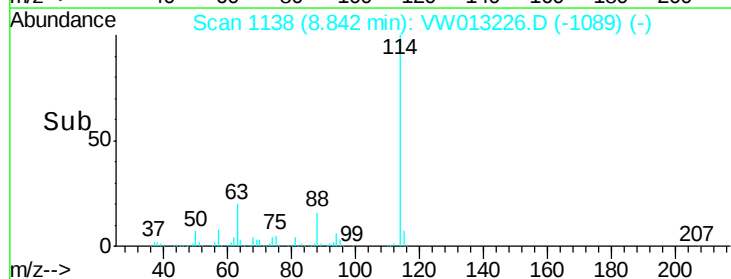
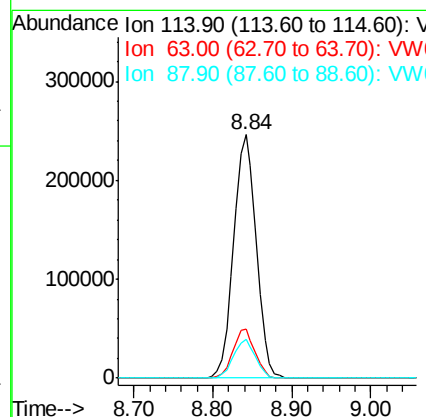
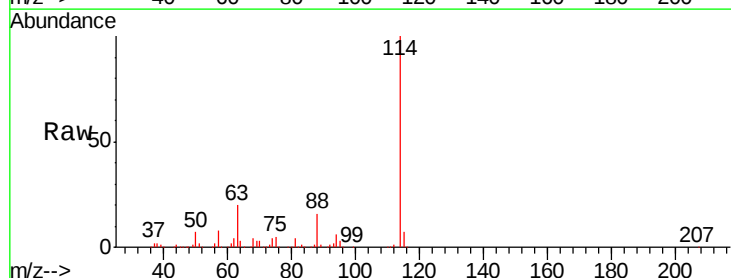
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-08-091919

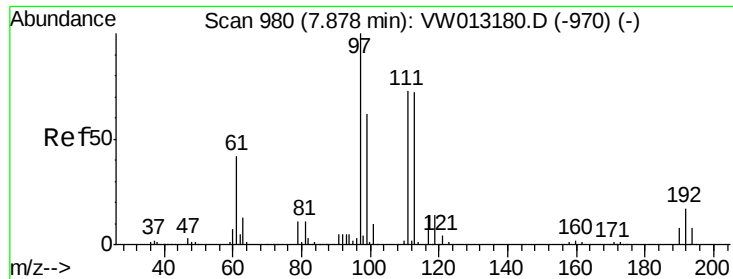
Tgt Ion: 65 Resp: 130189
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013226.D
 Acq: 23 Sep 2019 13:03

Tgt Ion: 114 Resp: 490013
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 16.1 0.0 32.0

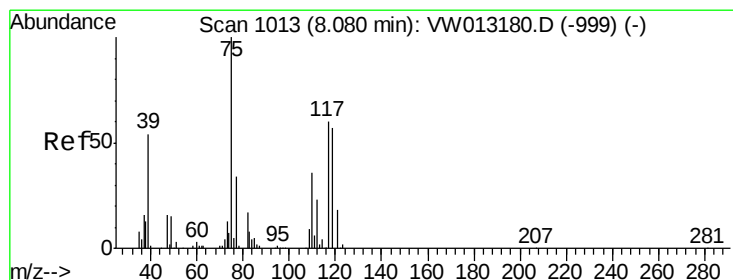
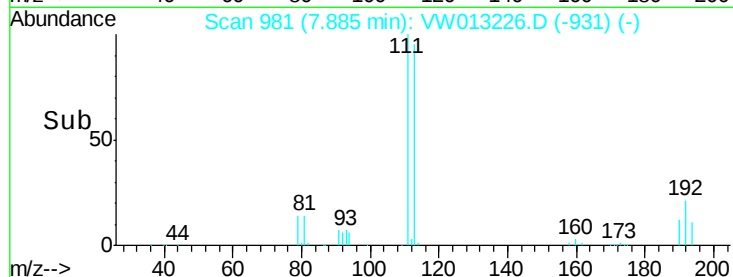
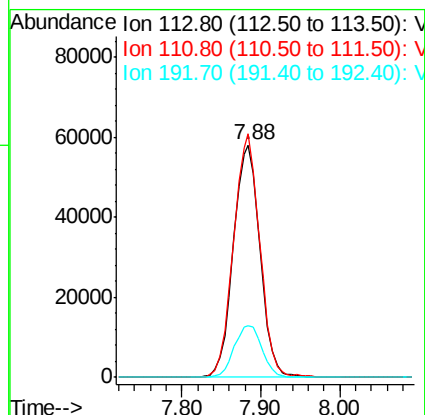
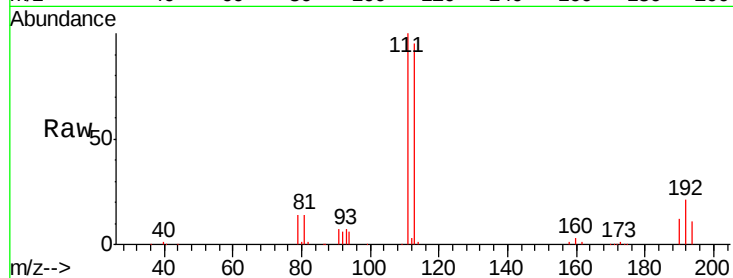




#35
 Dibromofluoromethane
 Concen: 50.469 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013226.D
 Acq: 23 Sep 2019 13:03

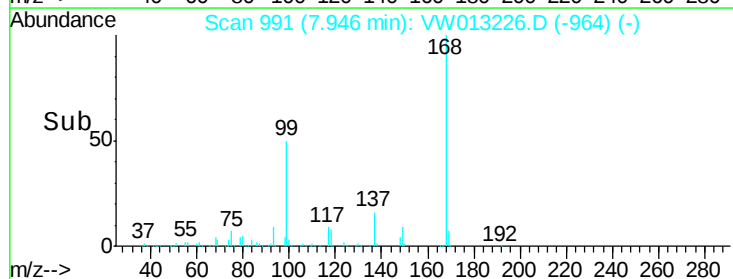
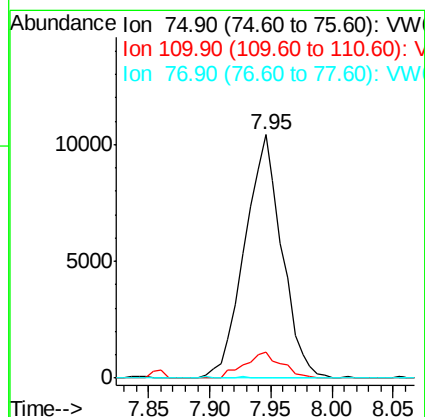
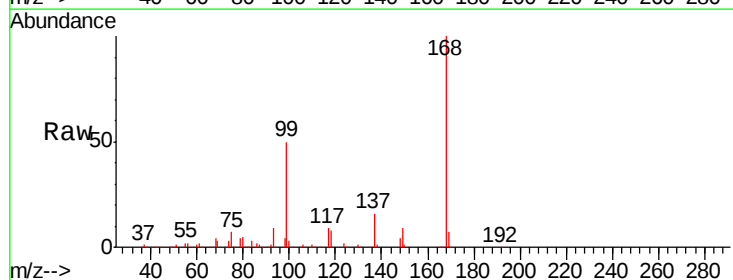
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-08-091919

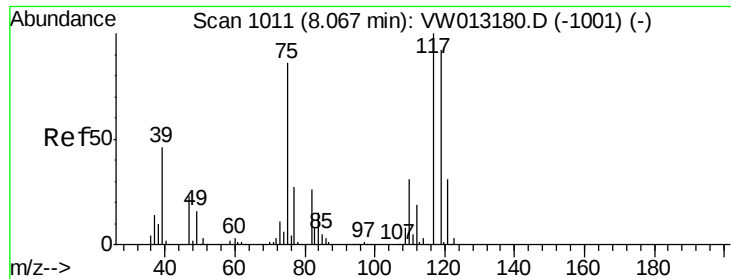
Tgt Ion: 113 Resp: 136018
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 23.5 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.643 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013226.D
 Acq: 23 Sep 2019 13:03

Tgt Ion: 75 Resp: 22035
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.1 54.3#
 77 0.1 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.558 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

WC-08-091919

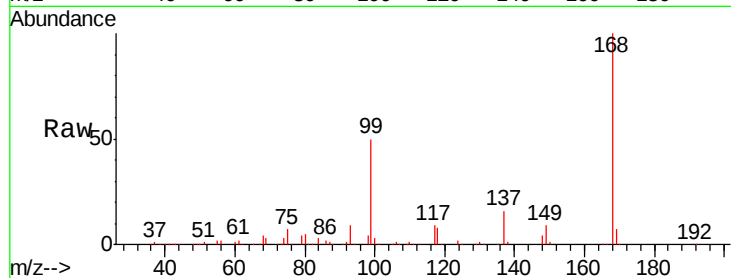
Tgt Ion:117 Resp: 27903

Ion Ratio Lower Upper

117 100

119 4.2 73.5 110.3#

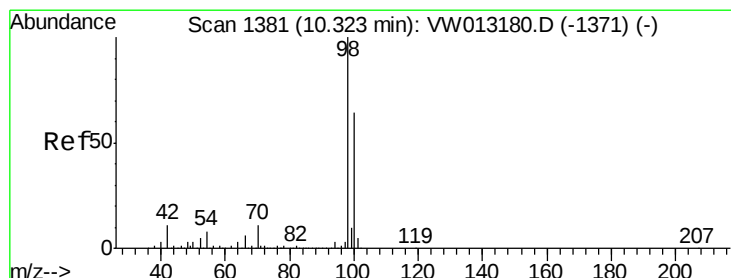
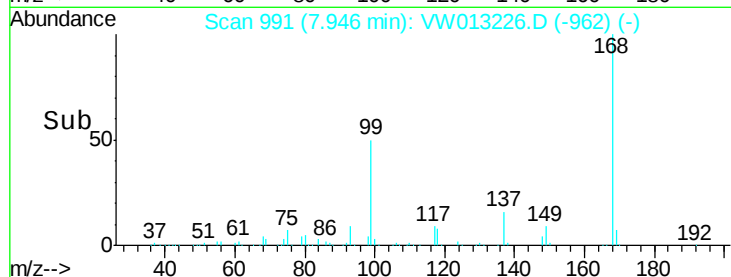
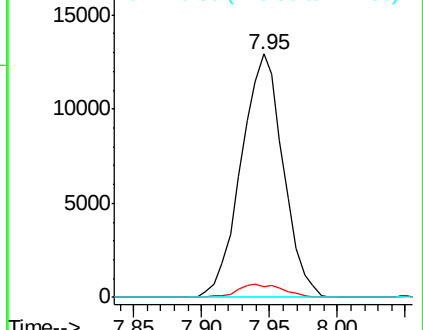
121 0.0 25.0 37.6#



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: 49.938 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013226.D

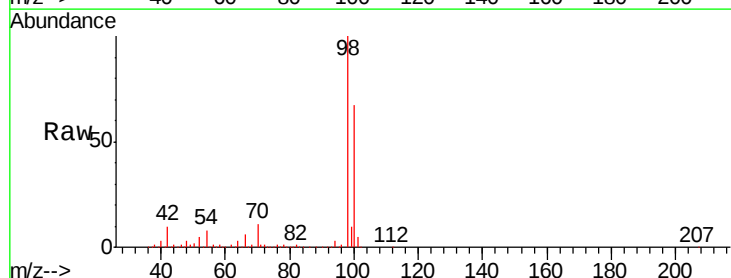
Acq: 23 Sep 2019 13:03

Tgt Ion: 98 Resp: 563257

Ion Ratio Lower Upper

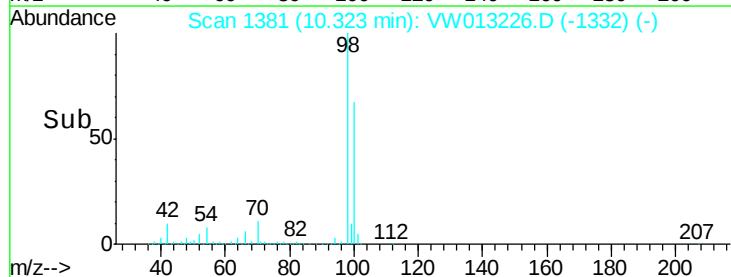
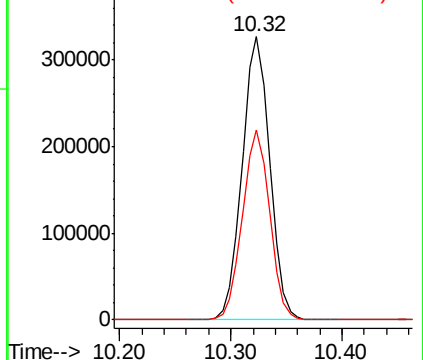
98 100

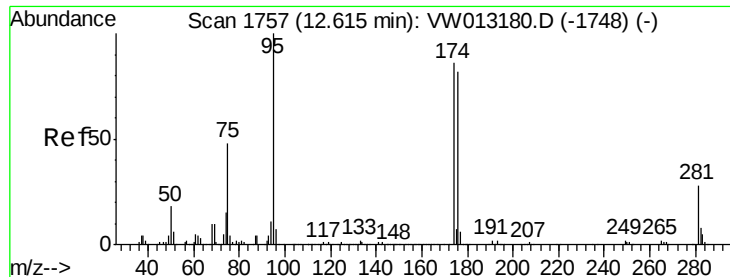
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.162 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampled :

WC-08-091919

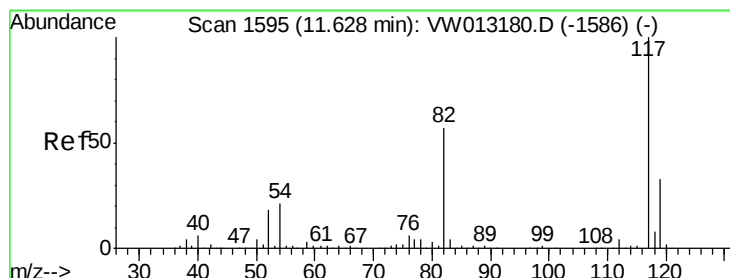
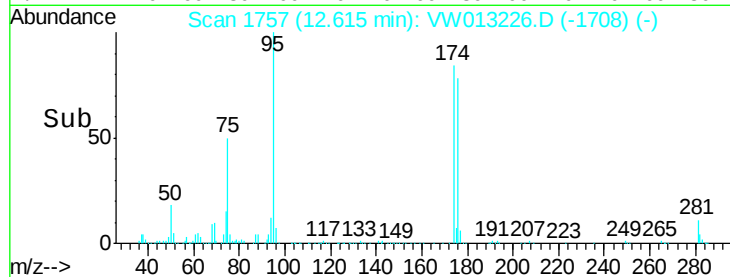
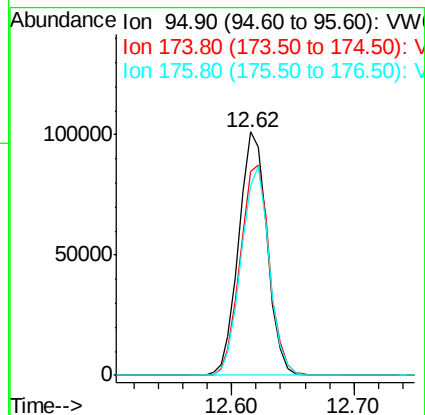
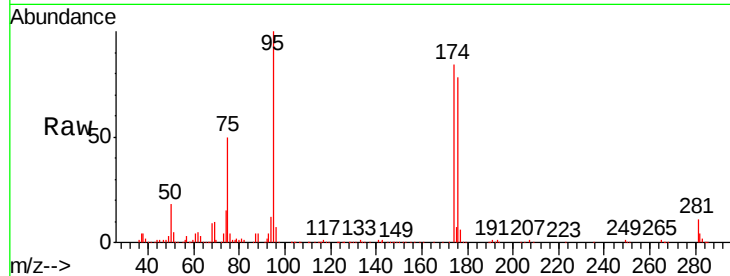
Tgt Ion: 95 Resp: 162445

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.4

176 85.0 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

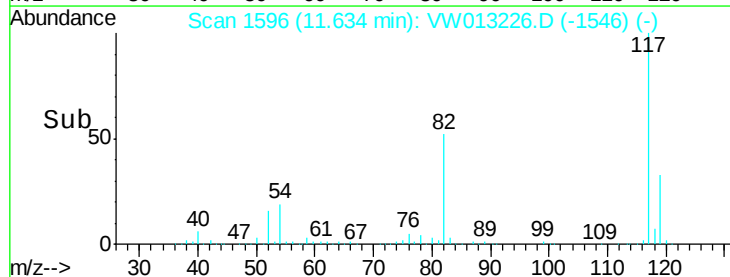
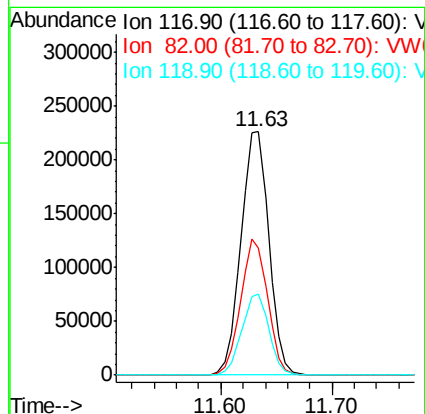
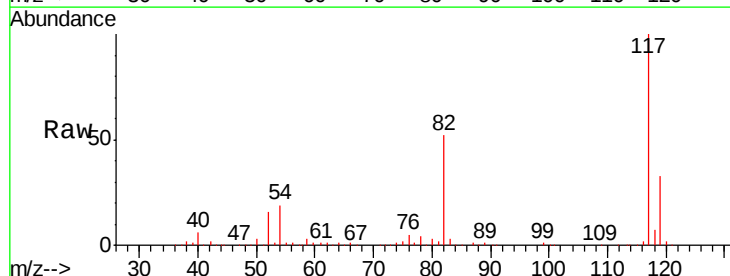
Tgt Ion: 117 Resp: 393906

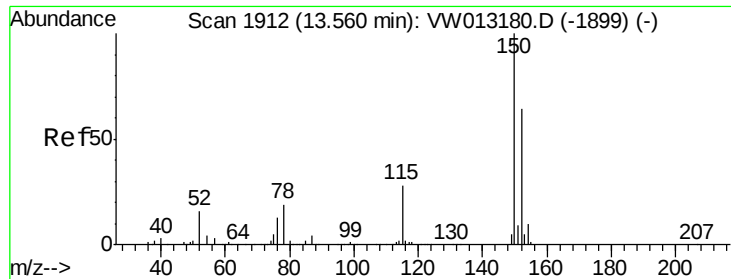
Ion Ratio Lower Upper

117 100

82 52.4 45.9 68.9

119 33.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

WC-08-091919

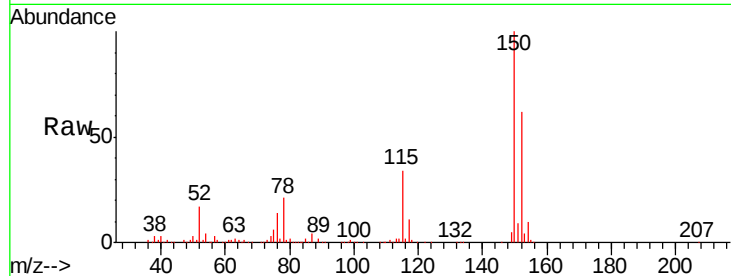
Tgt Ion:152 Resp: 151721

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

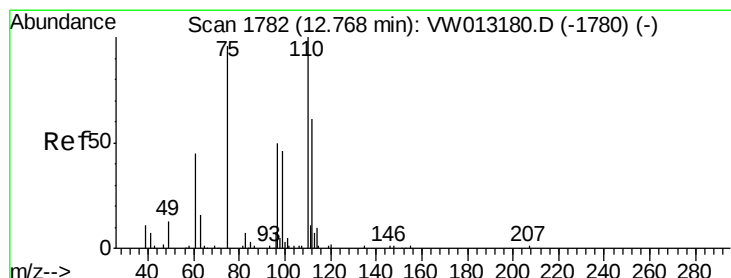
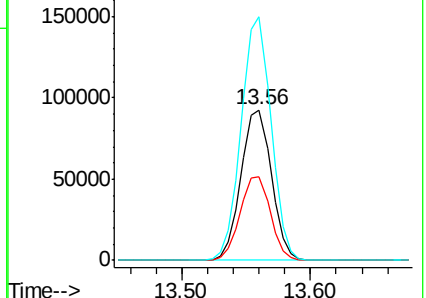
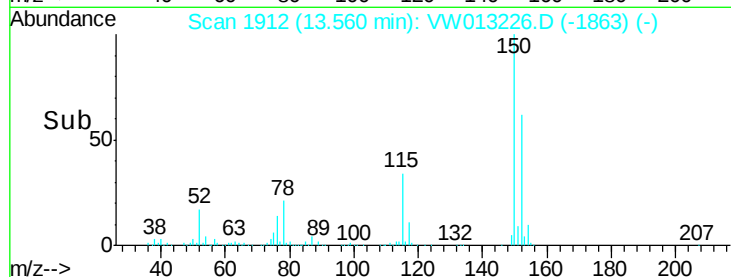
150 158.7 0.0 349.0



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: 58.912 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013226.D

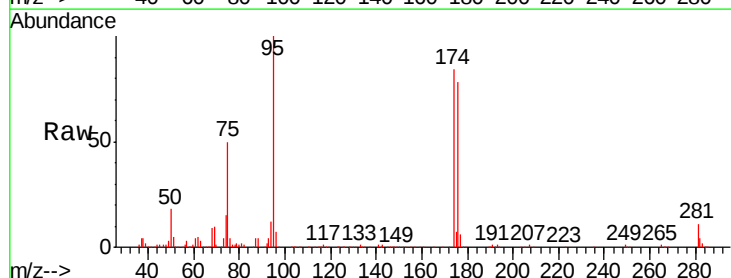
Acq: 23 Sep 2019 13:03

Tgt Ion: 75 Resp: 78936

Ion Ratio Lower Upper

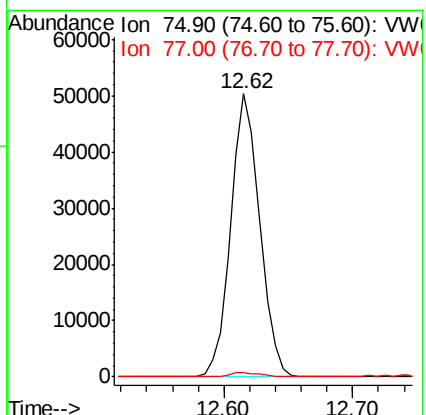
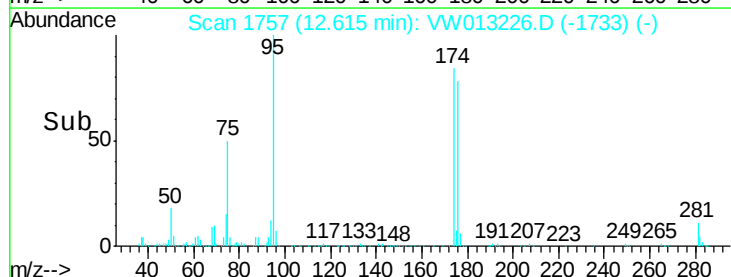
75 100

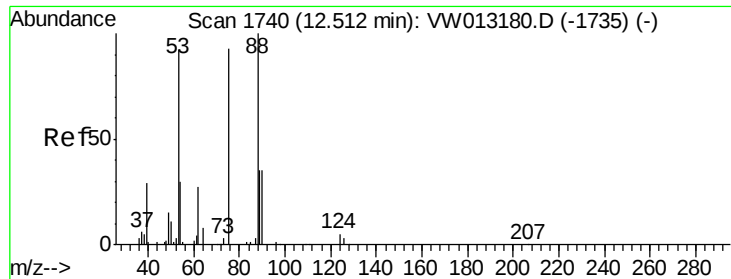
77 1.5 0.0 0.0#



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: 132.193 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

WC-08-091919

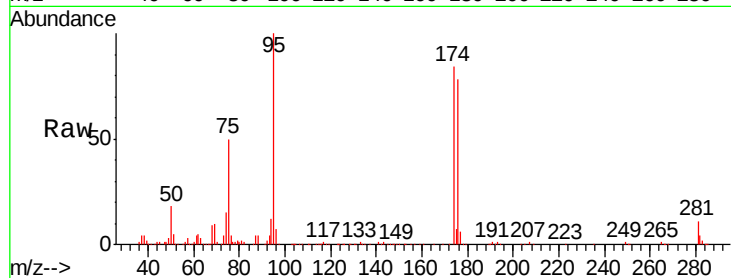
Tgt Ion: 75 Resp: 78936

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 33.5 50.3#



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

