

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013352.D
 Acq On : 01 Oct 2019 01:14
 Operator : SY/VA
 Sample : K4946-03
 Misc : 5.93G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-1 (10-12)

Quant Time: Oct 01 05:41:53 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

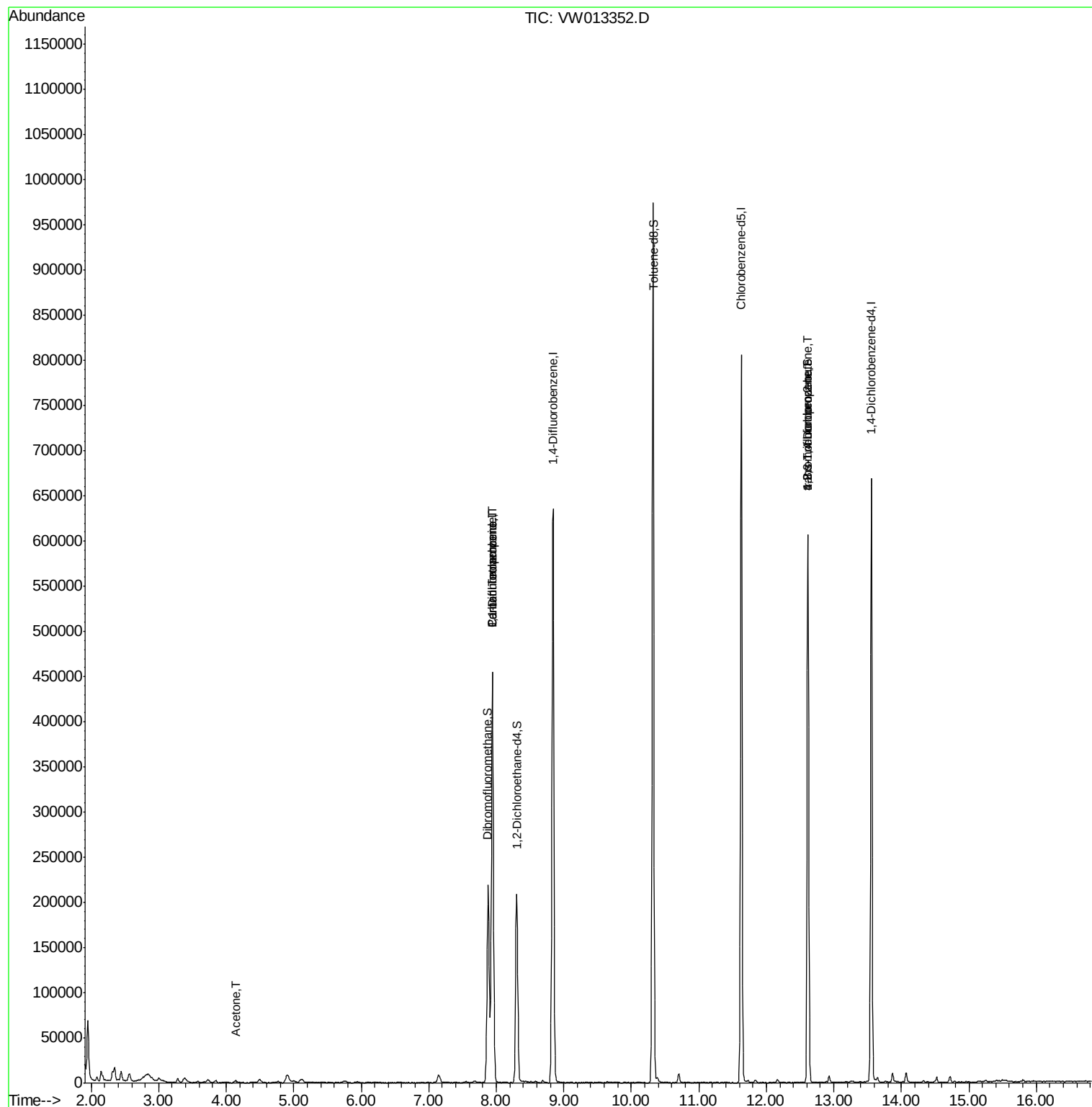
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	377105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	564971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	478748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	194513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162902	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	162424	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.32	98	662675	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	198483	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	1258	Below Cal	#	73
16) Acetone	4.14	43	1319	1.900	ug/l #	60
20) Methylene Chloride	4.90	84	7055	Below Cal	#	95
26) 2,2-Dichloropropane	7.15	77	752	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	24535	4.484	ug/l #	48
38) Carbon Tetrachloride	7.94	117	31691	6.460	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	92886	54.072	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92886	121.334	ug/l #	12

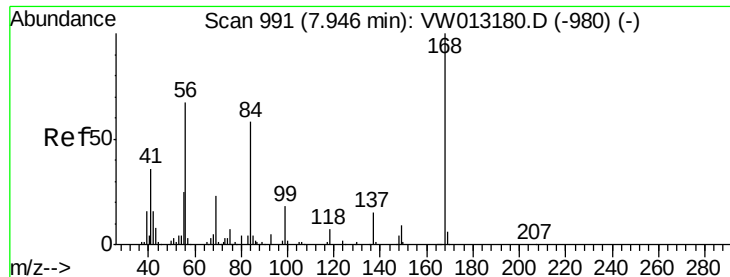
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 15:58:08 2019
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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: VW013352.D

Acq: 01 Oct 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

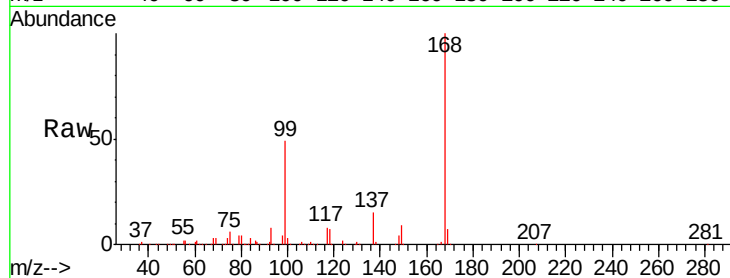
GP-1 (10-12)

Tgt Ion:168 Resp: 377105

Ion Ratio Lower Upper

168 100

99 49.4 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

200000

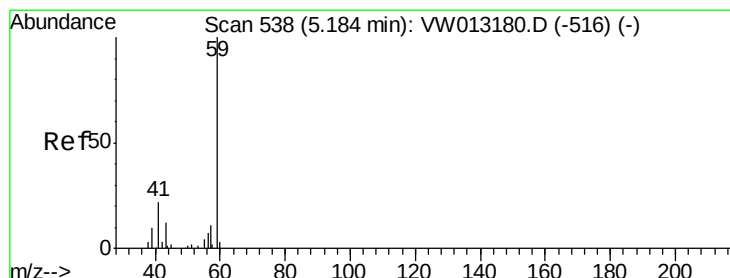
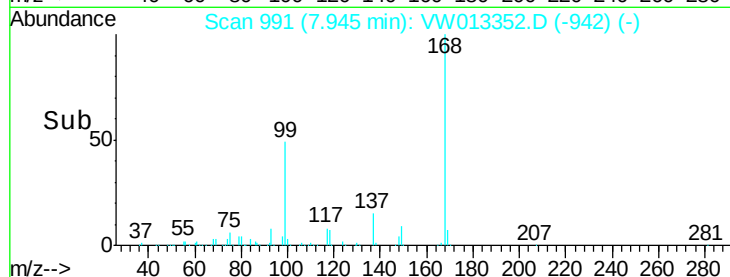
150000

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: VW013352.D

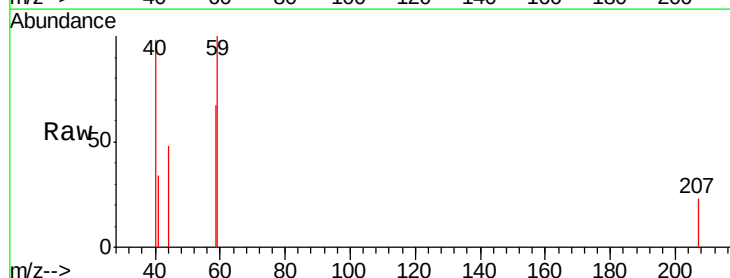
Acq: 01 Oct 2019 01:14

Tgt Ion: 59 Resp: 1258

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

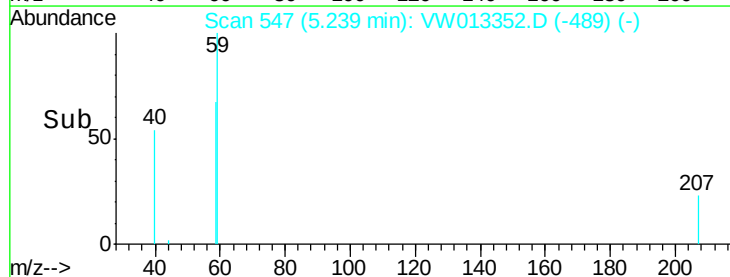
600

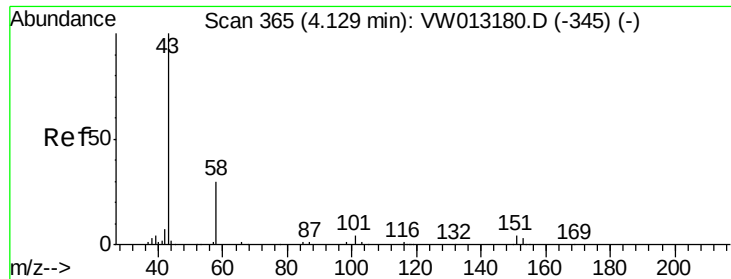
400

200

0

Time-->





#16

Acetone

Concen: 1.900 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013352.D

Acq: 01 Oct 2019 01:14

Instrument :

MSVOA_W

ClientSampled :

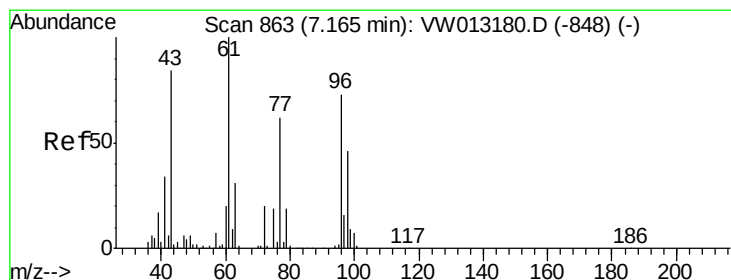
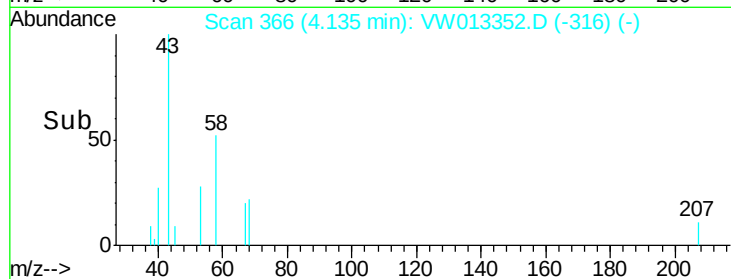
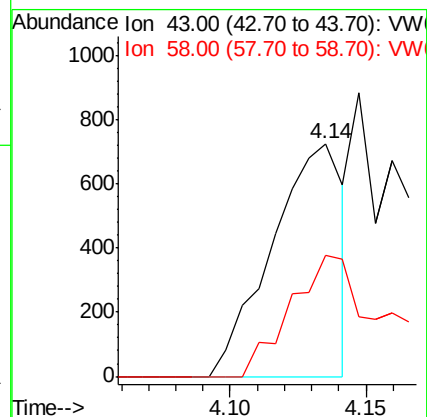
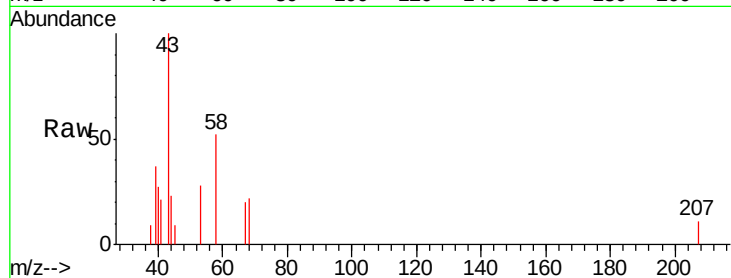
GP-1 (10-12)

Tgt Ion: 43 Resp: 1319

Ion Ratio Lower Upper

43 100

58 52.1 24.1 36.1#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013352.D

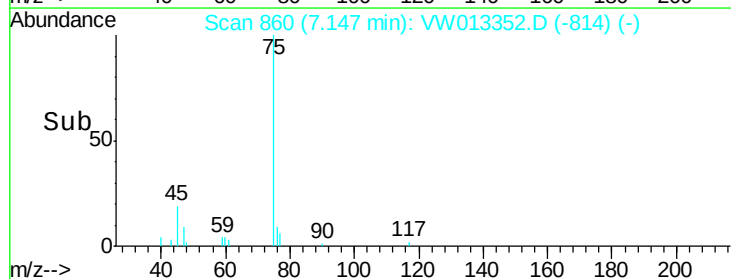
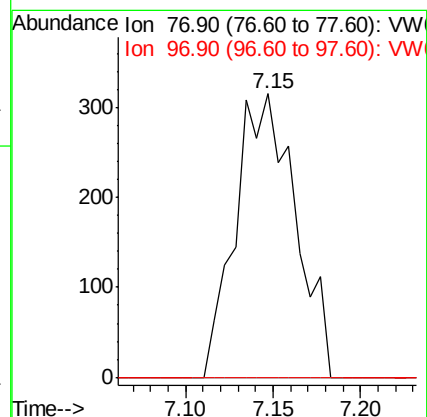
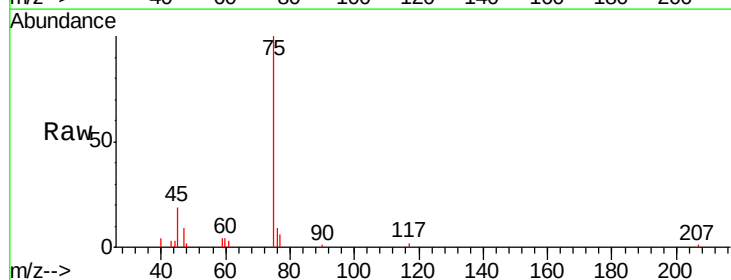
Acq: 01 Oct 2019 01:14

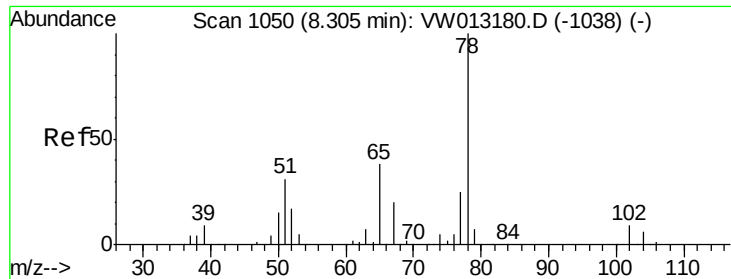
Tgt Ion: 77 Resp: 752

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

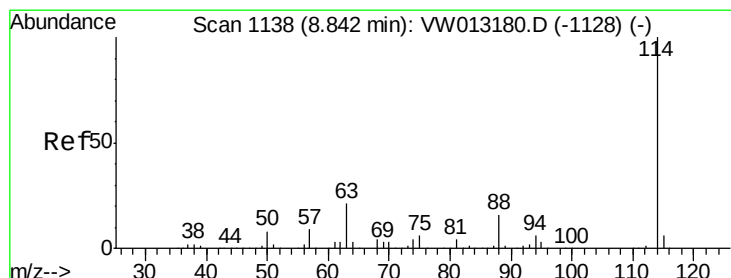
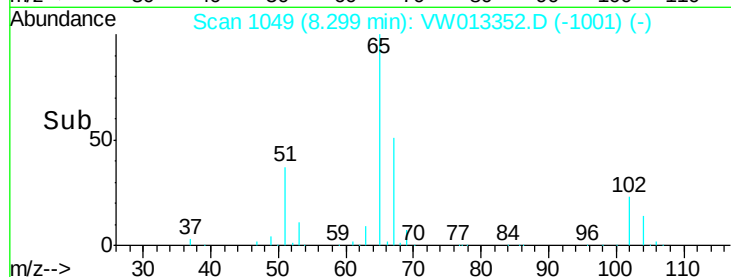
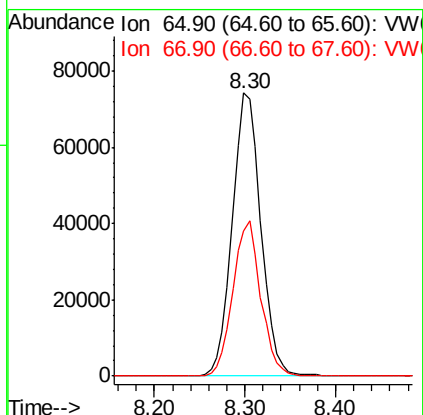
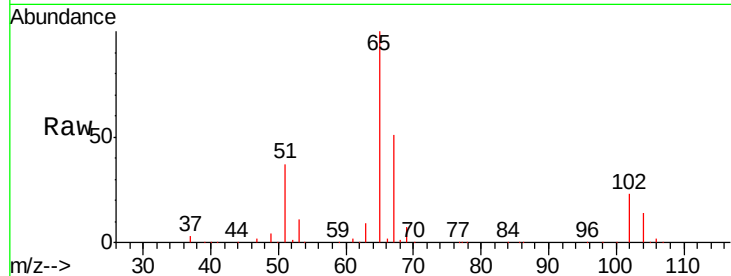




#33
 1,2-Dichloroethane-d4
 Concen: 52.929 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013352.D
 Acq: 01 Oct 2019 01:14

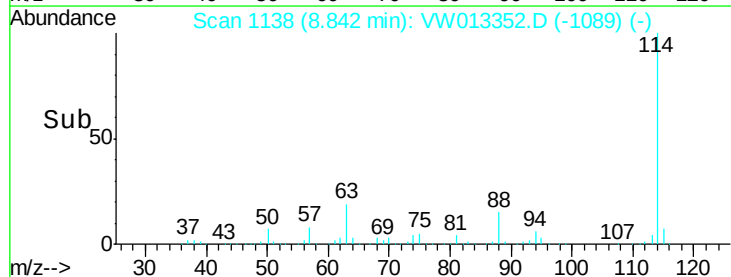
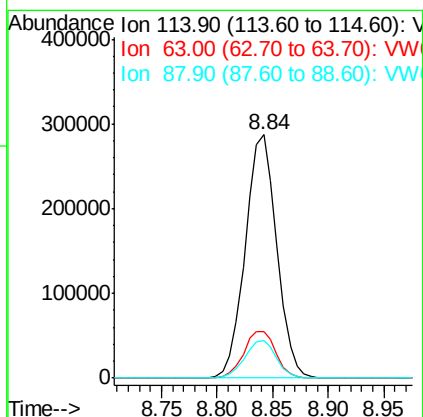
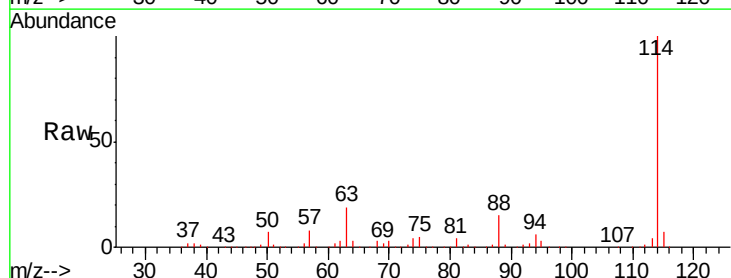
Instrument :
 MSVOA_W
 ClientSampled :
 GP-1 (10-12)

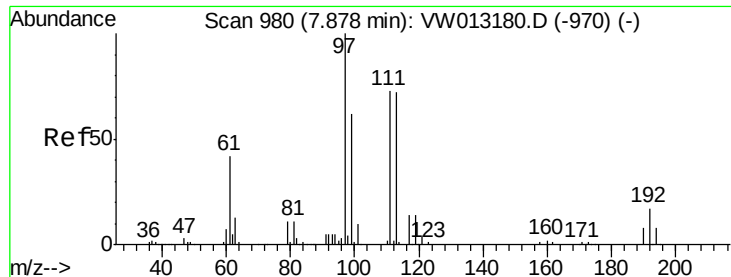
Tgt Ion: 65 Resp: 162902
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013352.D
 Acq: 01 Oct 2019 01:14

Tgt Ion: 114 Resp: 564971
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.271 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013352.D

Acq: 01 Oct 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

GP-1 (10-12)

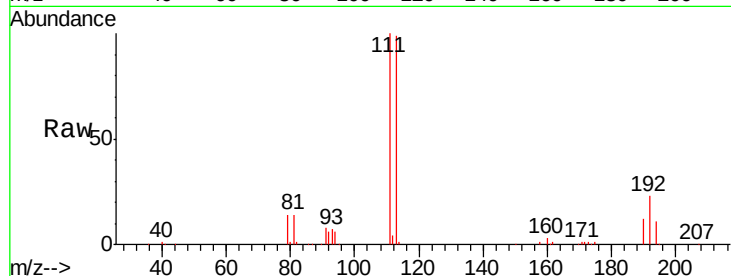
Tgt Ion:113 Resp: 162424

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

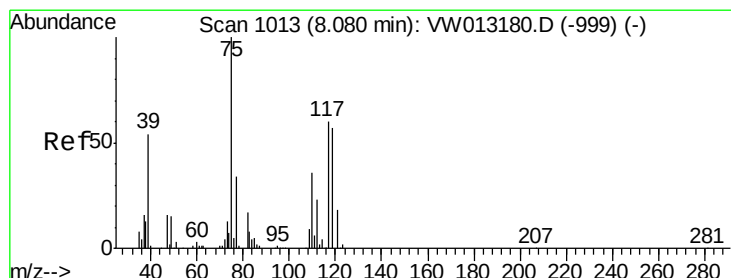
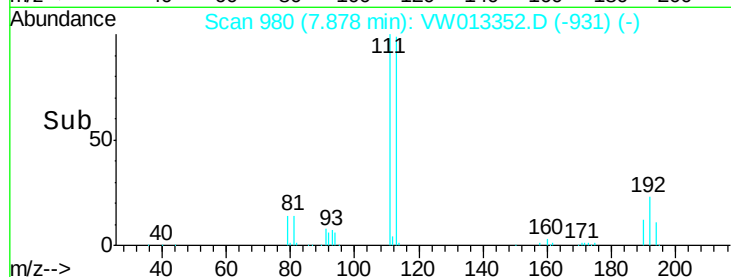
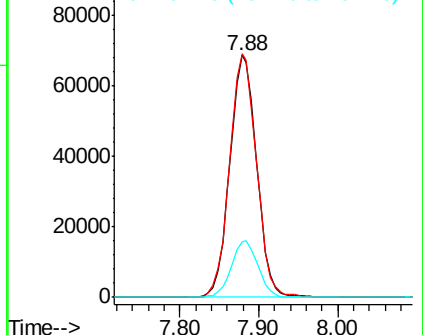
192 23.2 19.1 28.7



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: 4.484 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013352.D

Acq: 01 Oct 2019 01:14

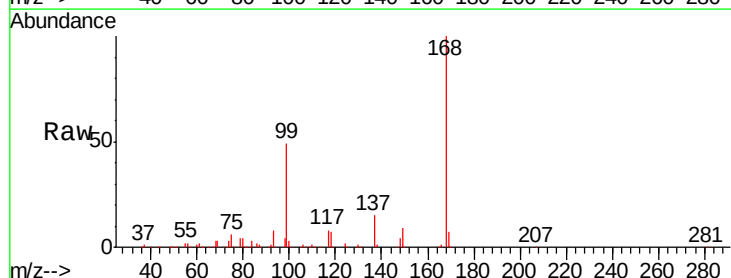
Tgt Ion: 75 Resp: 24535

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

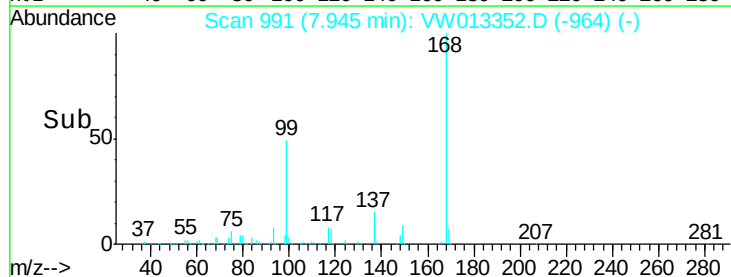
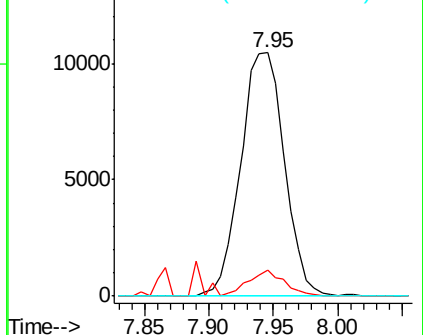
77 0.0 25.8 38.6#

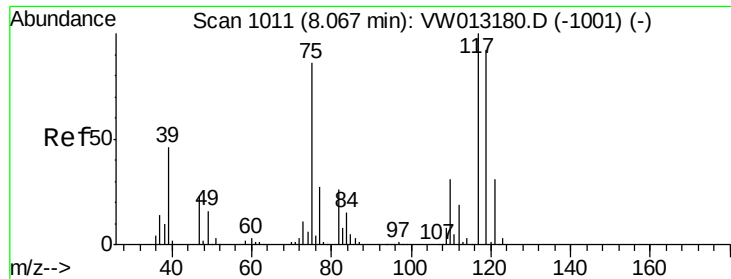


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

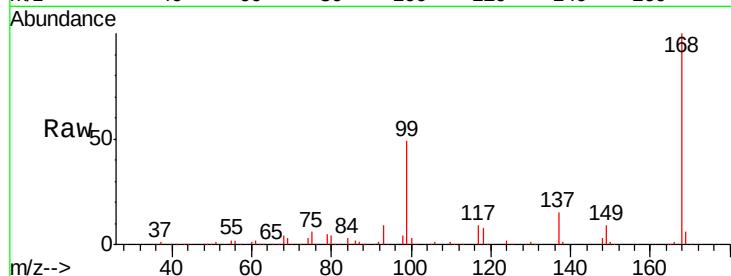




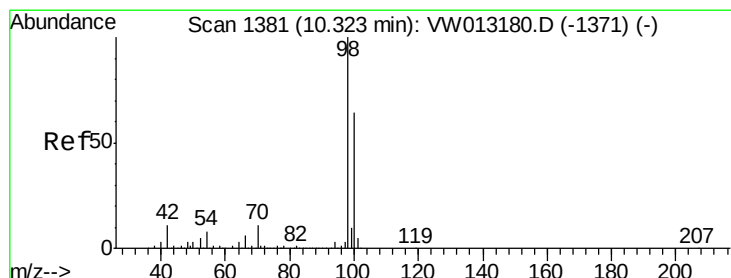
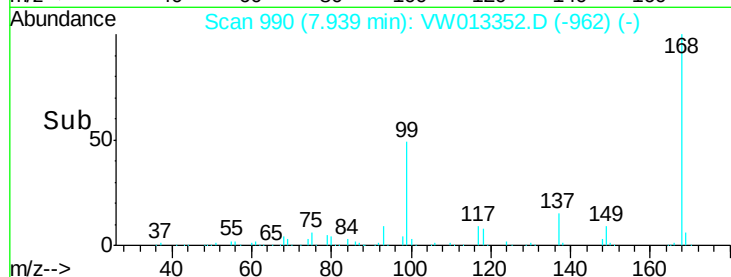
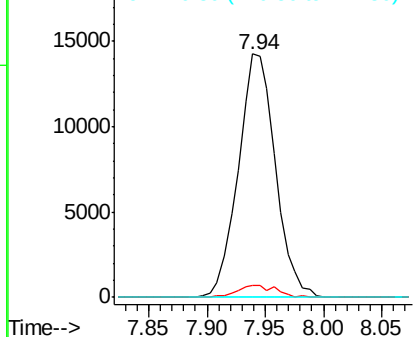
#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013352.D
Acq: 01 Oct 2019 01:14

Instrument :
MSVOA_W
ClientSampleId :
GP-1 (10-12)

Tgt Ion:117 Resp: 31691
Ion Ratio Lower Upper
117 100
119 5.0 73.5 110.3#
121 0.0 25.0 37.6#

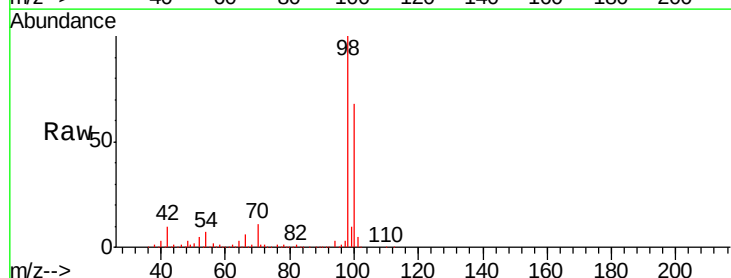


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

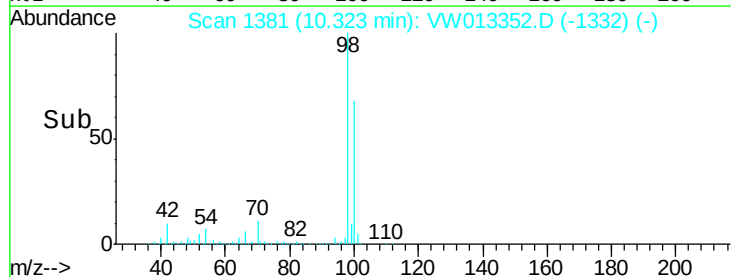
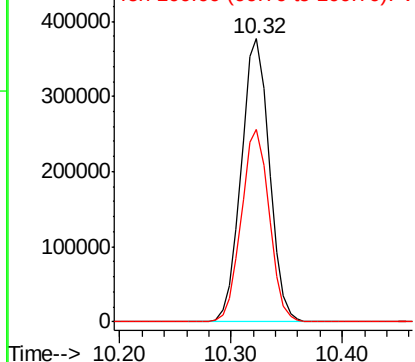


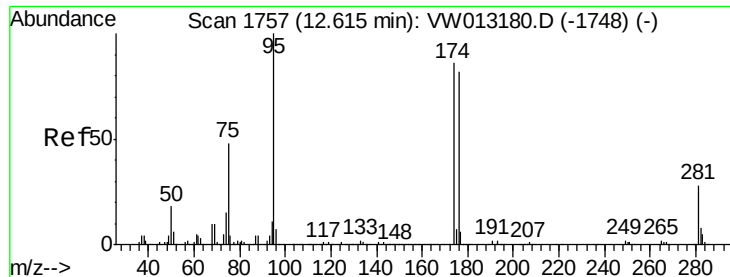
#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013352.D
Acq: 01 Oct 2019 01:14

Tgt Ion: 98 Resp: 662675
Ion Ratio Lower Upper
98 100
100 67.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

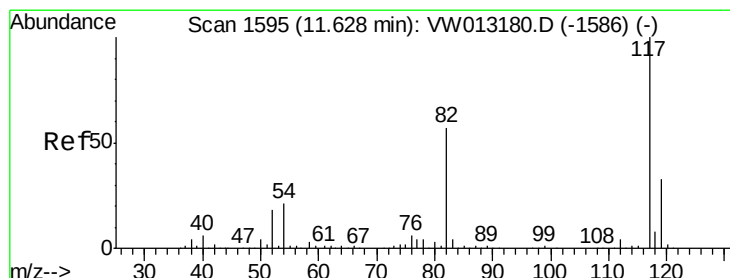
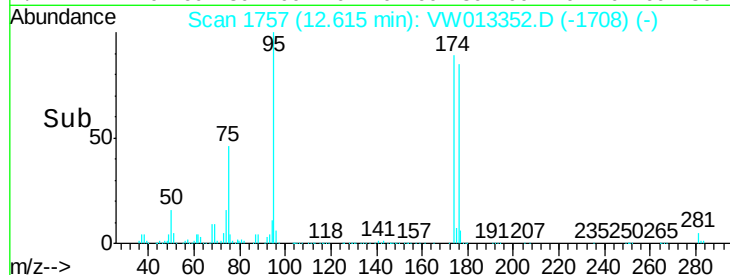
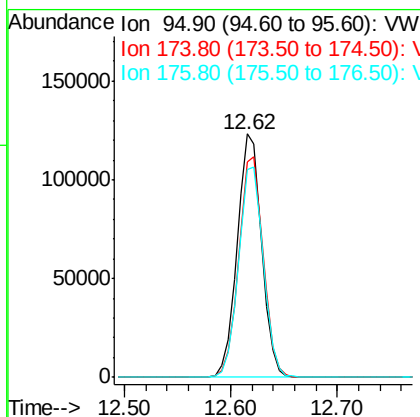
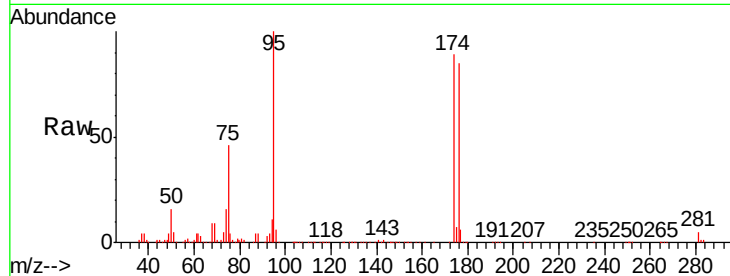




#62
4-Bromofluorobenzene
Concen: 44.681 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013352.D
Acq: 01 Oct 2019 01:14

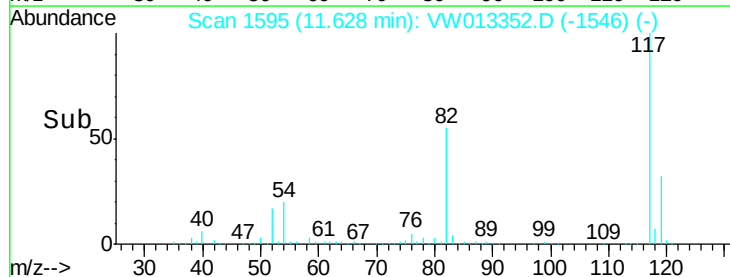
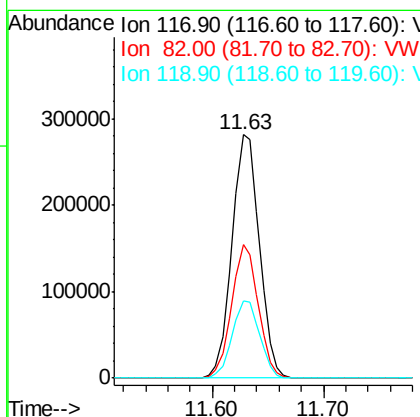
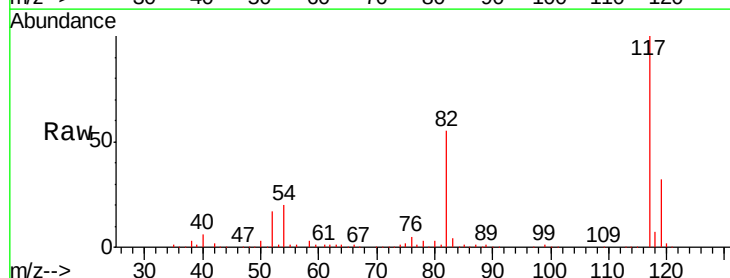
Instrument :
MSVOA_W
ClientSampleId :
GP-1 (10-12)

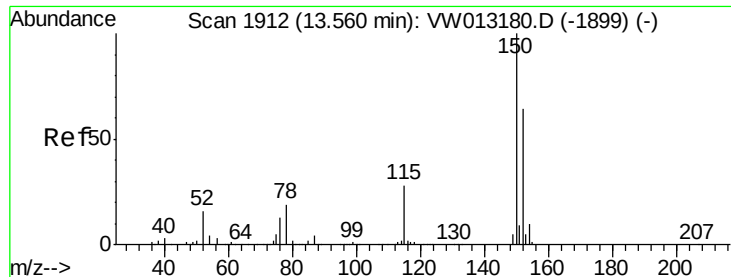
Tgt Ion: 95 Resp: 198483
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.4
176 87.7 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013352.D
Acq: 01 Oct 2019 01:14

Tgt Ion: 117 Resp: 478748
Ion Ratio Lower Upper
117 100
82 55.0 45.9 68.9
119 31.9 26.2 39.2



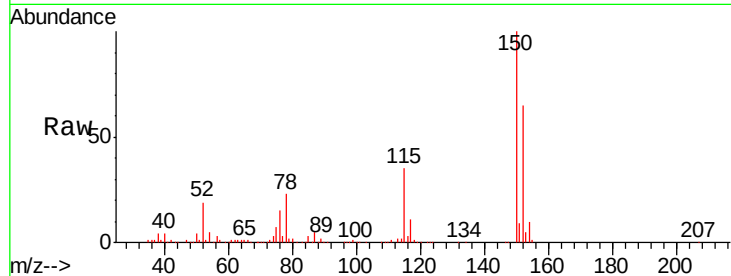


#72

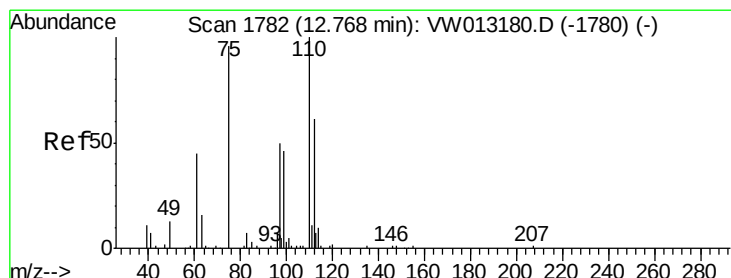
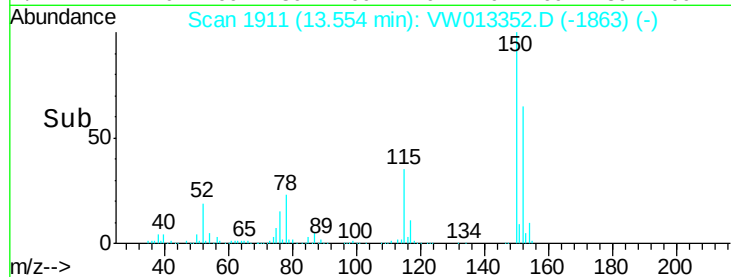
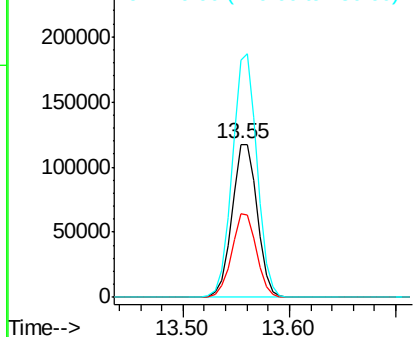
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013352.D
Acq: 01 Oct 2019 01:14

Instrument :
MSVOA_W
ClientSampleId :
GP-1 (10-12)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.3	81.9
150	155.9	0.0	349.0



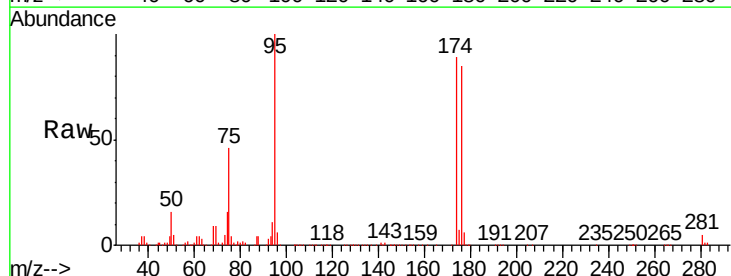
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



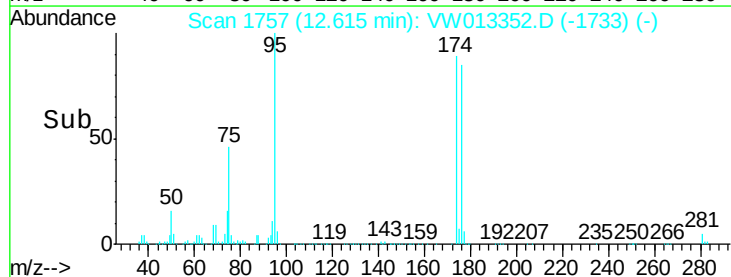
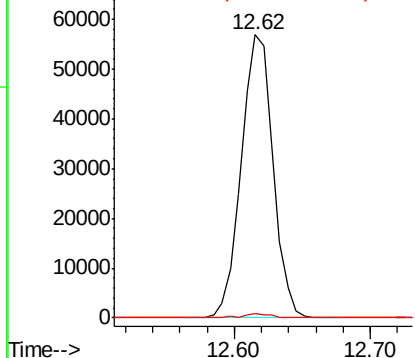
#76

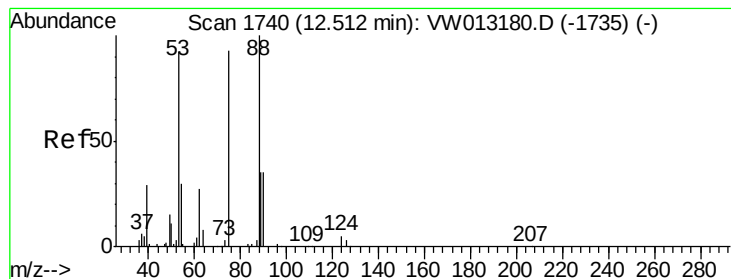
1,2,3-Trichloropropane
Concen: 54.072 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013352.D
Acq: 01 Oct 2019 01:14

Tgt 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: 121.334 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013352.D

Acq: 01 Oct 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

GP-1 (10-12)

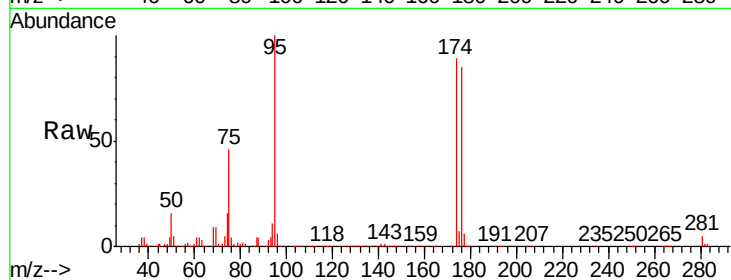
Tgt Ion: 75 Resp: 92886

Ion Ratio Lower Upper

75 100

53 0.0 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

