

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010659.D
 Acq On : 03 Jun 2019 15:05
 Operator : SY/VA
 Sample : K3138-01
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:38:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	161718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68829	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	49444	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	7.88	113	47883	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.32	98	193400	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.62	95	74121	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

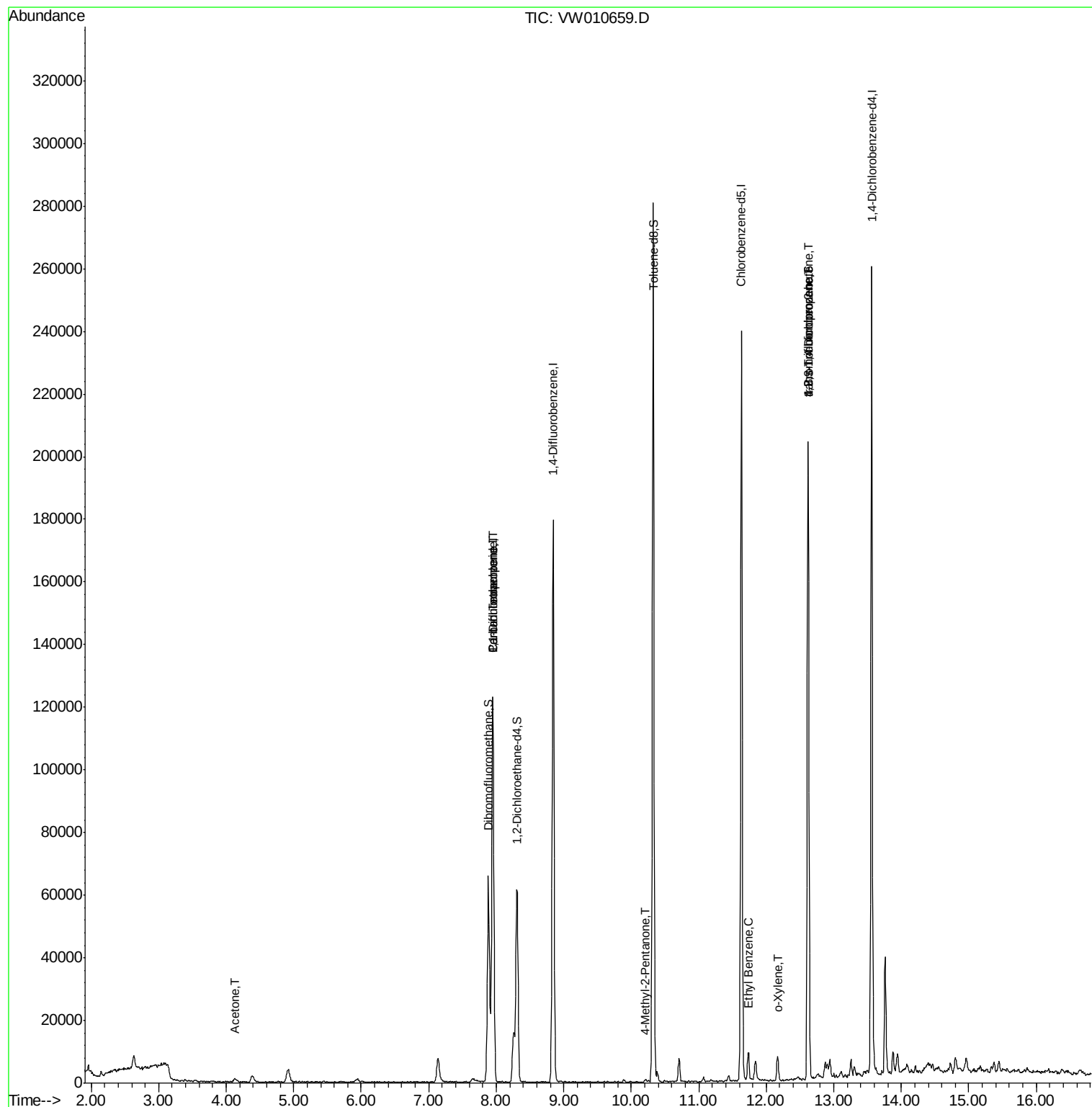
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	215	Below Cal	#	42
13) Acrolein	3.89	56	31	Below Cal	#	13
16) Acetone	4.13	43	2023	9.743	ug/l #	87
20) Methylene Chloride	4.92	84	3433	Below Cal		89
36) 1,1-Dichloropropene	7.95	75	6919	4.593	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9301	5.723	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	773	1.192	ug/l #	77
67) Ethyl Benzene	11.74	91	6860	1.261	ug/l	100
69) o-Xylene	12.17	106	2171	1.074	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	33842	48.439	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	33842	101.093	ug/l #	14

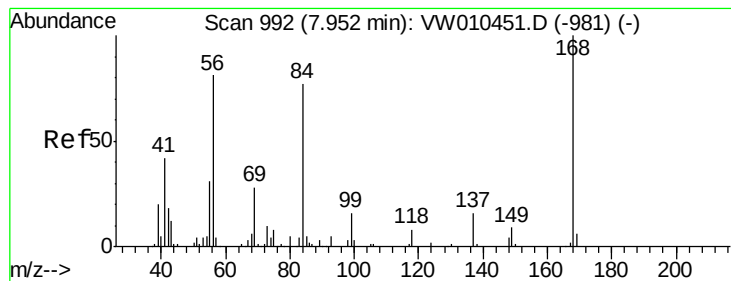
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
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Instrument :
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Quant Time: Jun 04 07:38:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Instrument :

MSVOA_W

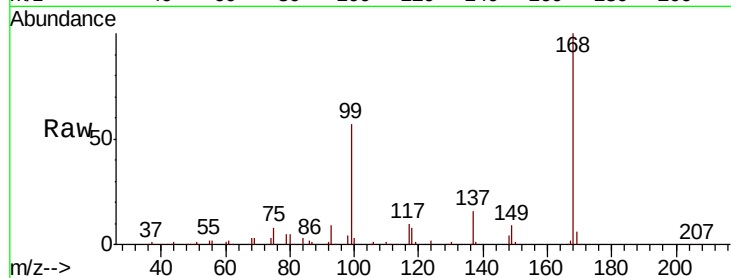
ClientSampleId :

Tot Ion:168 Resp: 98553

Ion Ratio Lower Upper

168 100

99 56.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

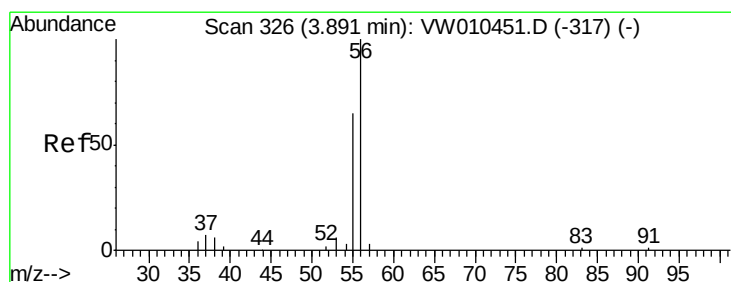
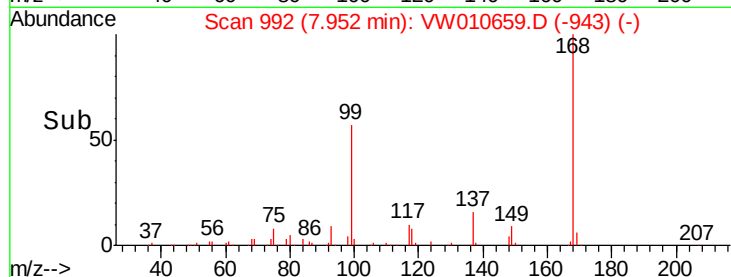
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW010659.D

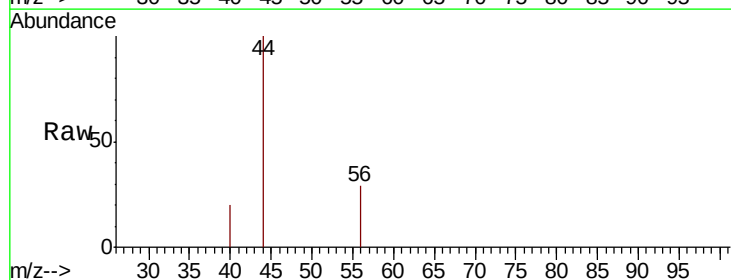
Acq: 03 Jun 2019 15:05

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

100

80

60

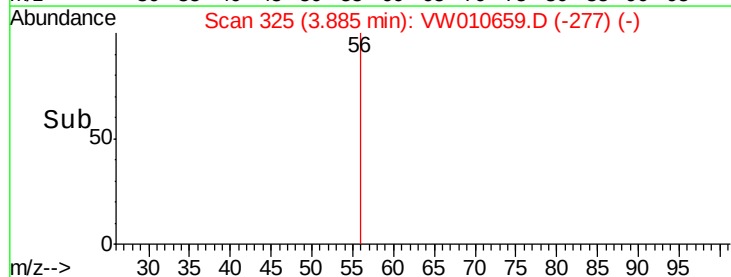
40

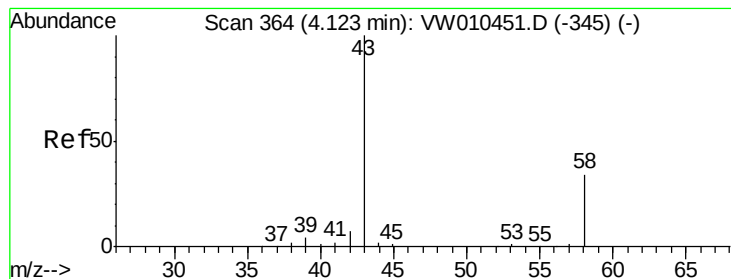
20

0

3.87 3.88 3.89 3.90

Time-->





#16

Acetone

Concen: 9.743 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Instrument :

MSVOA_W

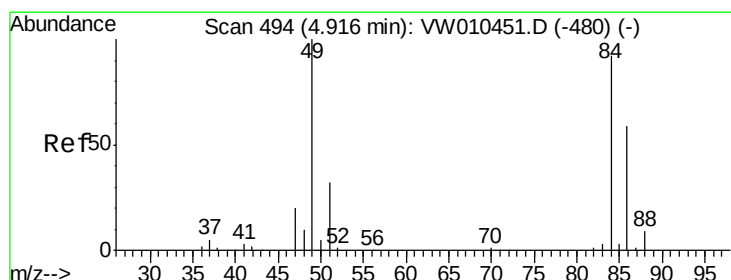
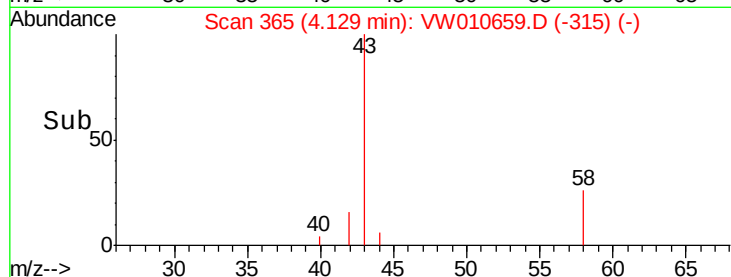
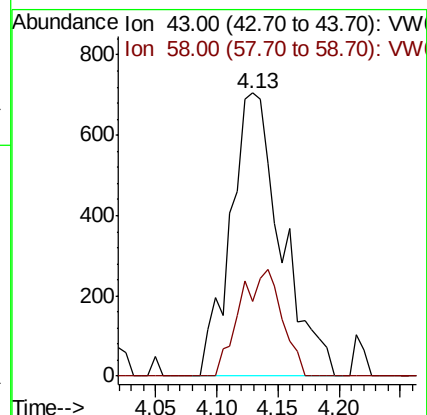
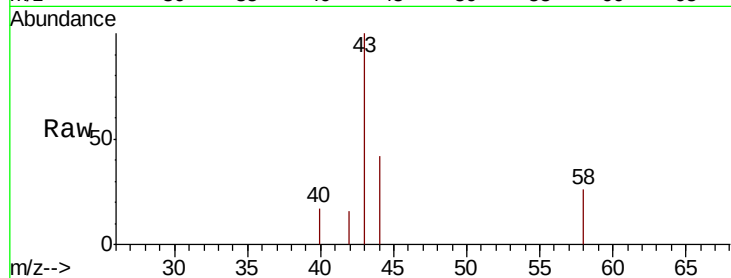
ClientSampled :

Tot Ion: 43 Resp: 2023

Ion Ratio Lower Upper

43 100

58 26.4 27.0 40.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Tgt Ion: 84 Resp: 3433

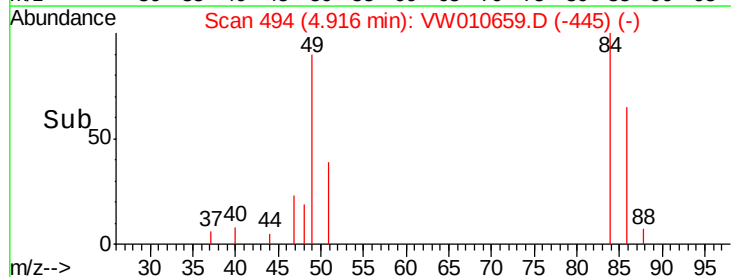
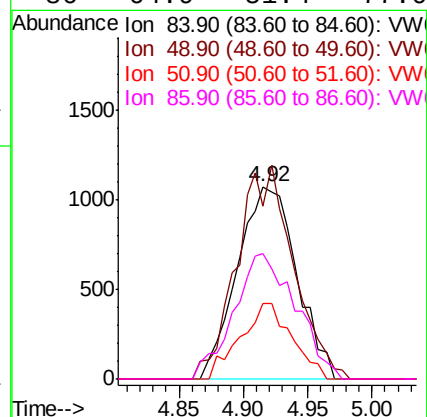
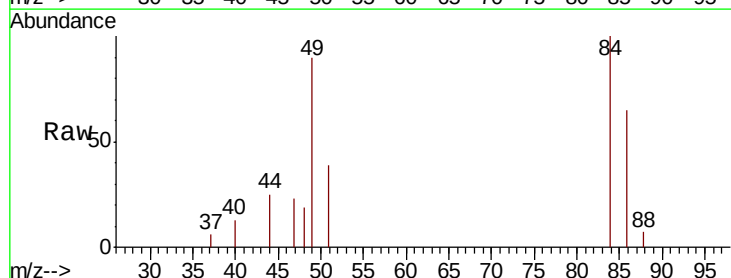
Ion Ratio Lower Upper

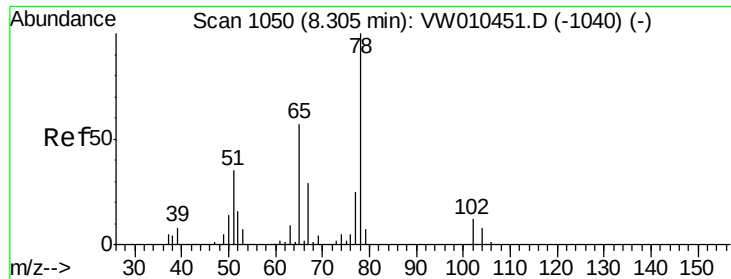
84 100

49 90.0 87.2 130.8

51 39.2 27.7 41.5

86 64.9 51.4 77.0

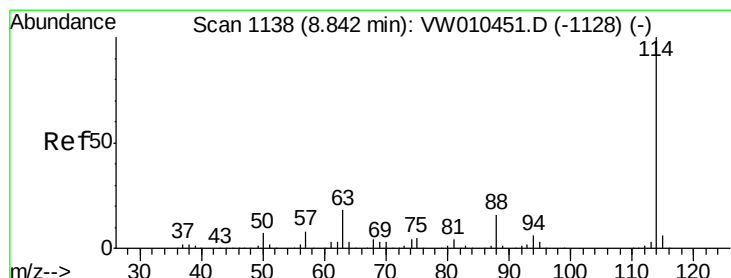
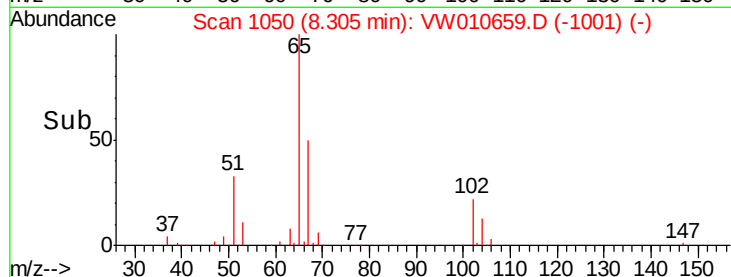
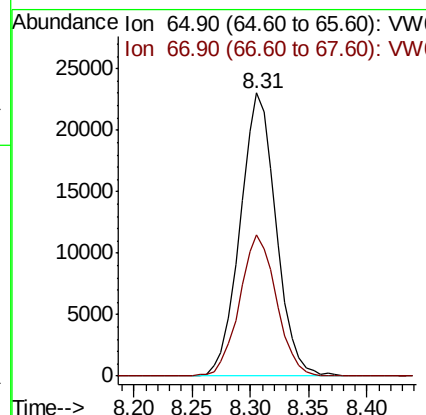
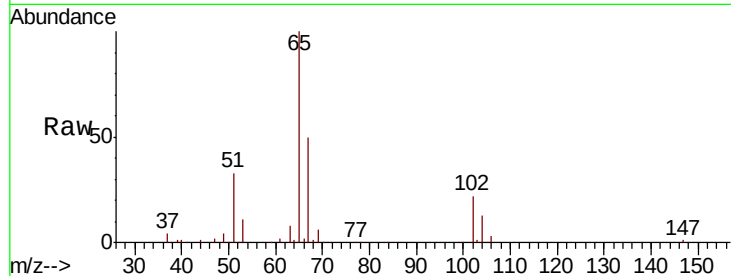




#33
 1,2-Dichloroethane-d4
 Concen: 48.606 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010659.D
 Acq: 03 Jun 2019 15:05

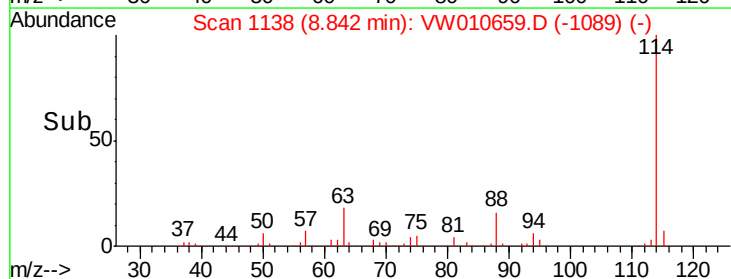
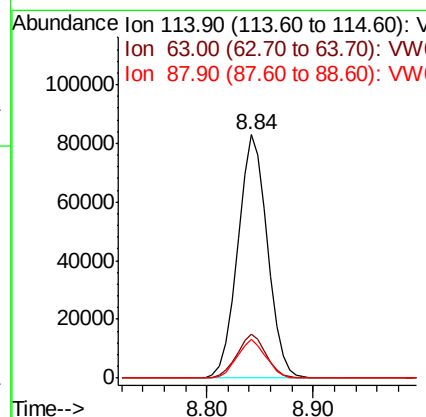
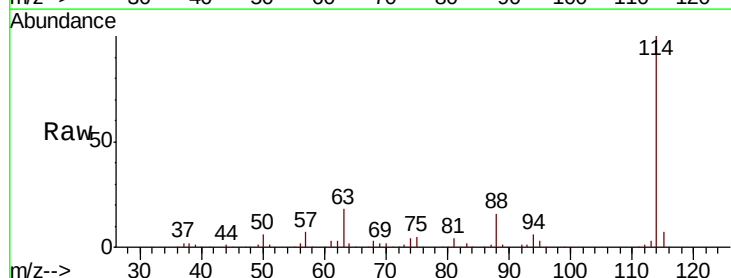
Instrument :
 MSVOA_W
 ClientSampleId :

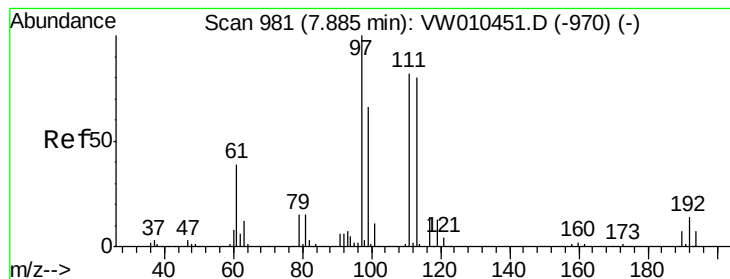
Tot Ion: 65 Resp: 49444
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010659.D
 Acq: 03 Jun 2019 15:05

Tgt Ion: 114 Resp: 161718
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.797 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Instrument :

MSVOA_W

ClientSampled :

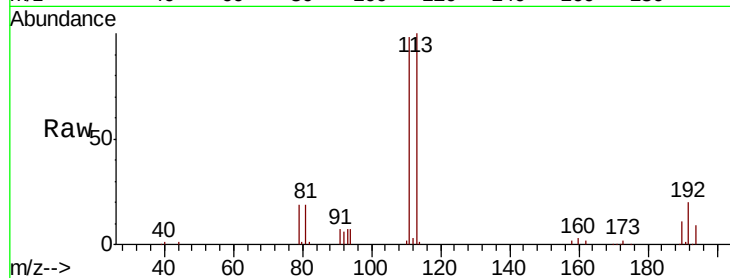
Tot Ion:113 Resp: 47883

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

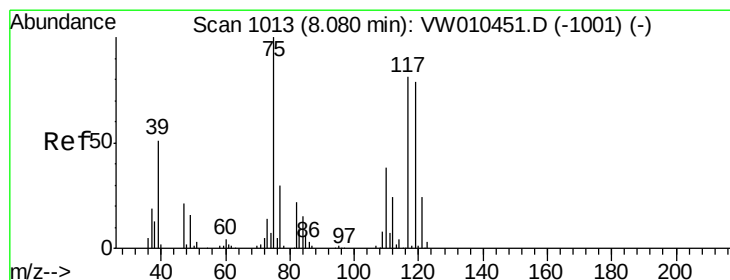
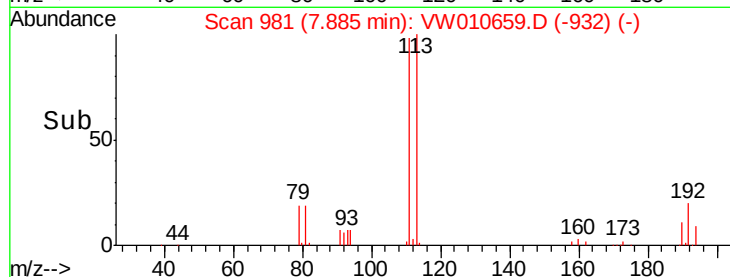
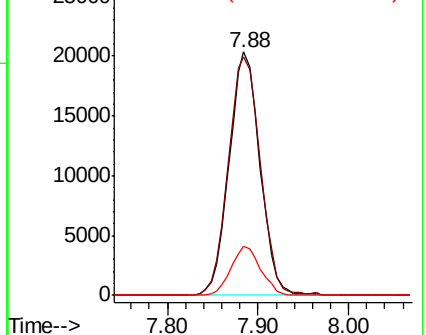
192 19.6 14.3 21.5



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: 4.593 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

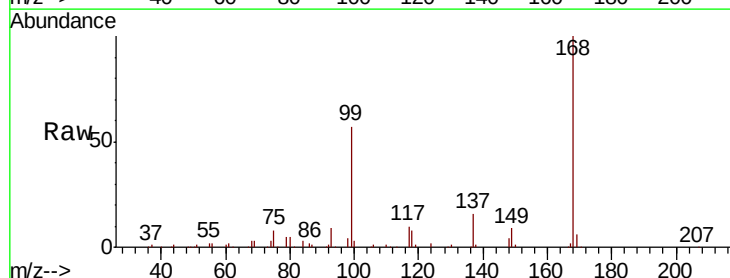
Tgt Ion: 75 Resp: 6919

Ion Ratio Lower Upper

75 100

110 11.4 19.2 57.6#

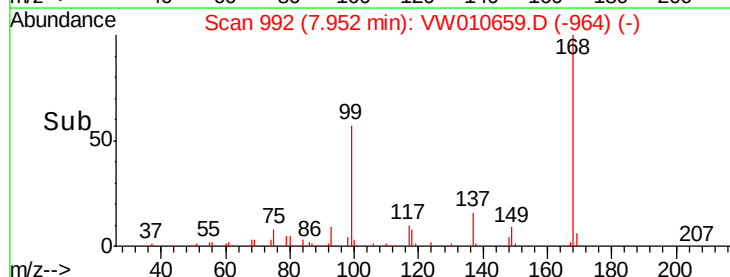
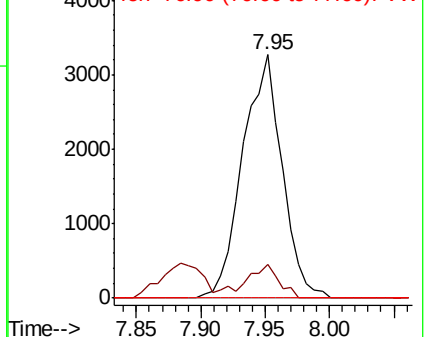
77 0.0 25.2 37.8#

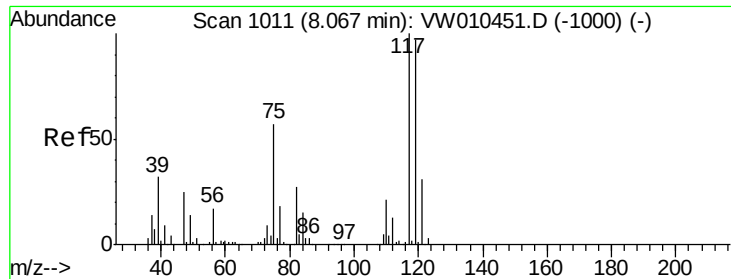


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.723 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

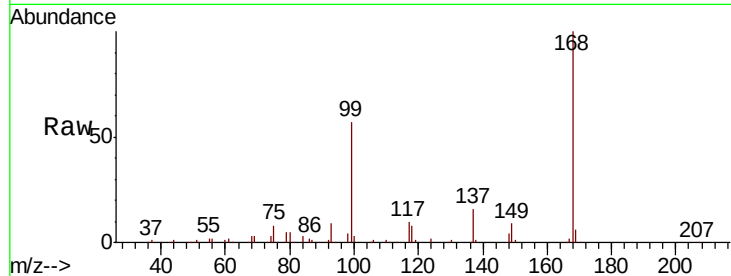
Tot Ion:117 Resp: 9301

Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.0#

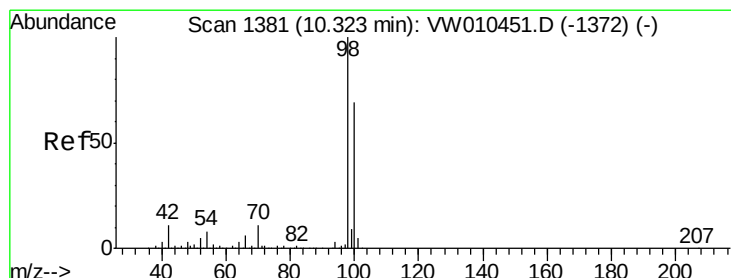
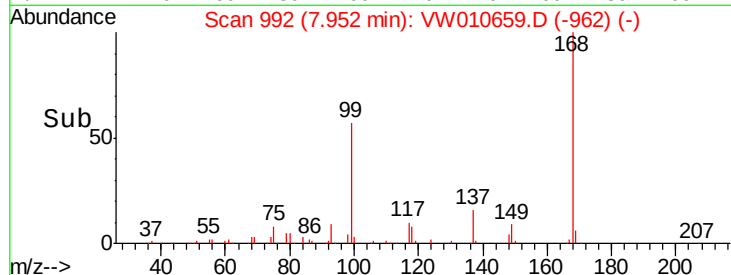
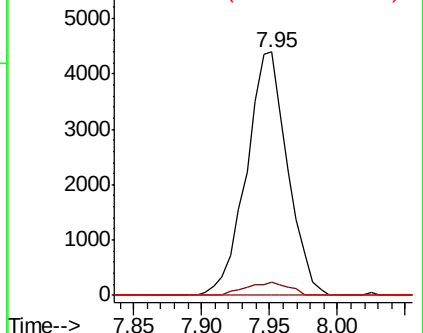
121 0.0 25.0 37.6#



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: 51.591 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010659.D

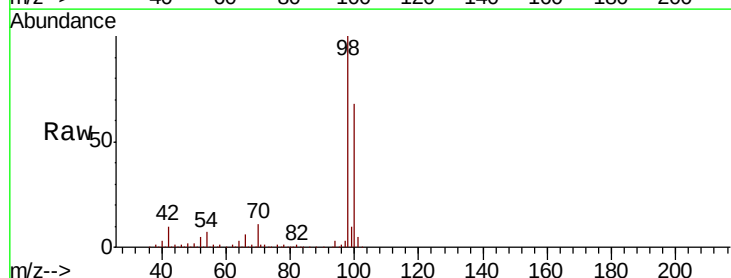
Acq: 03 Jun 2019 15:05

Tgt Ion: 98 Resp: 193400

Ion Ratio Lower Upper

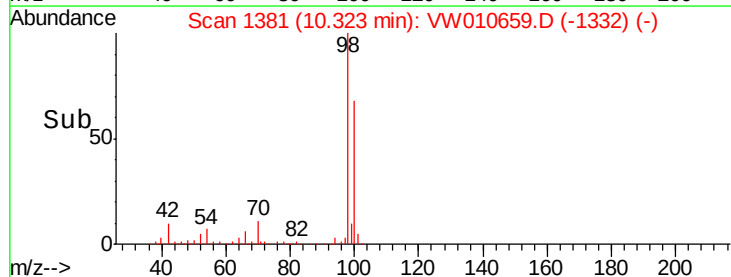
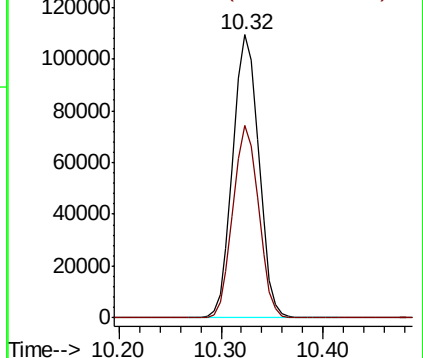
98 100

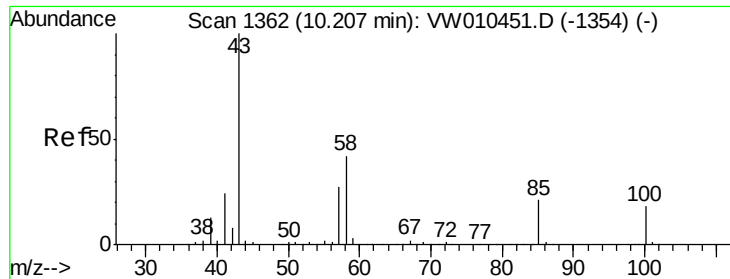
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.192 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Instrument :

MSVOA_W

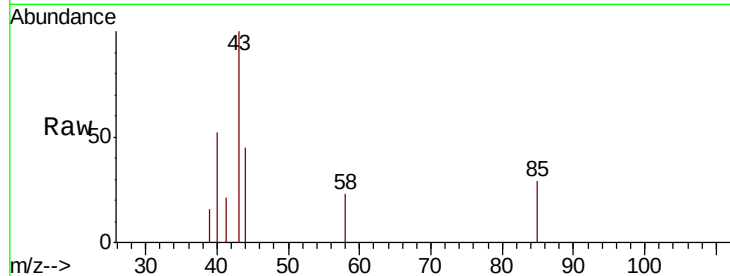
ClientSampleId :

Tot Ion: 43 Resp: 773

Ion Ratio Lower Upper

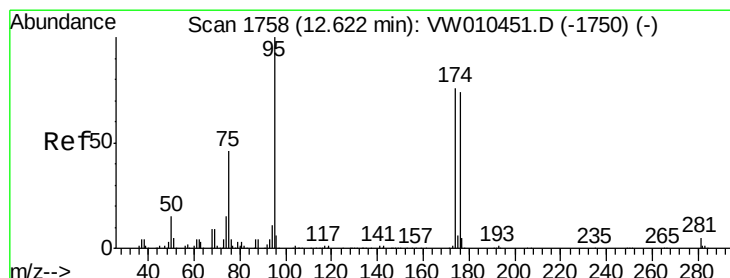
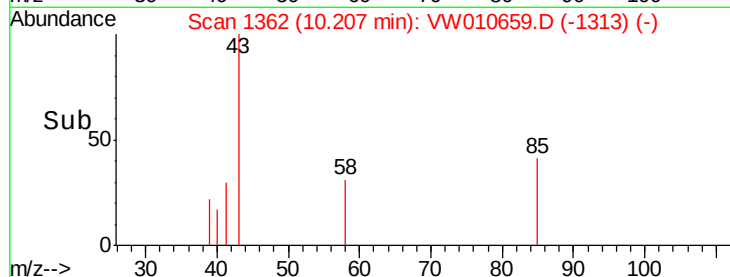
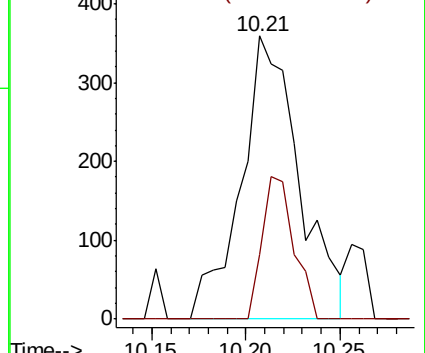
43 100

58 27.3 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 49.640 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

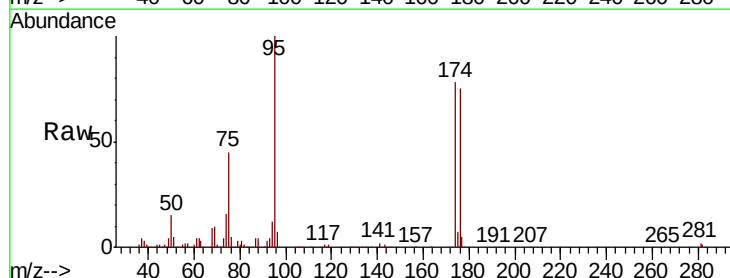
Tgt Ion: 95 Resp: 74121

Ion Ratio Lower Upper

95 100

174 74.4 0.0 148.6

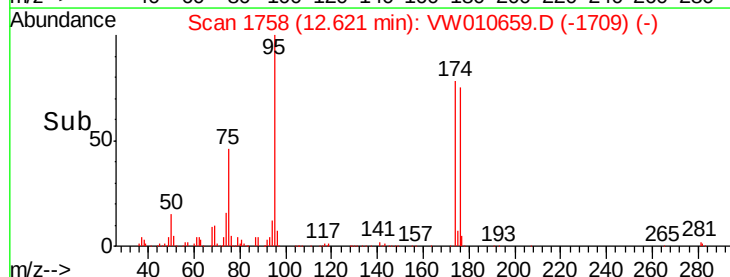
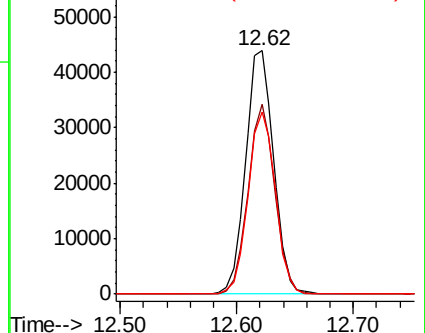
176 72.5 0.0 144.2

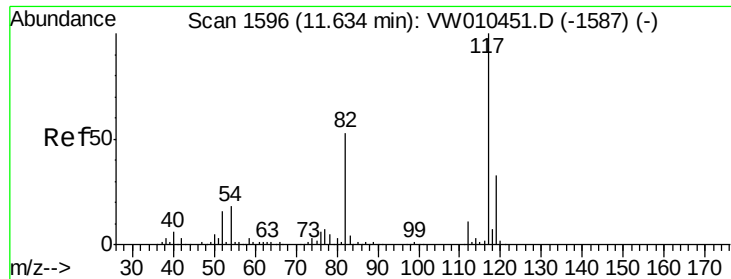


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

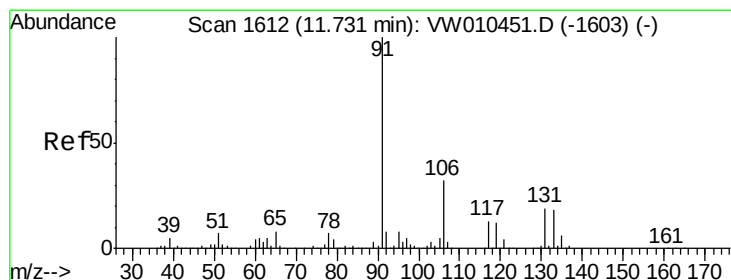
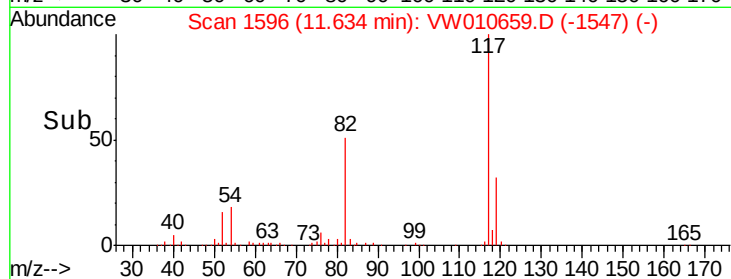
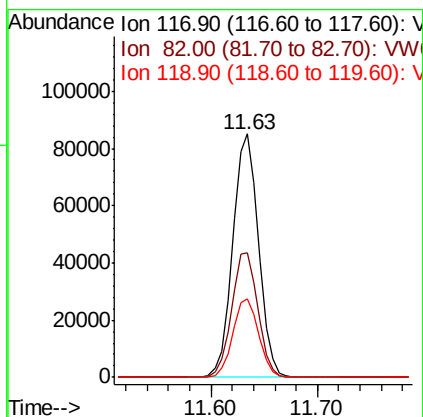
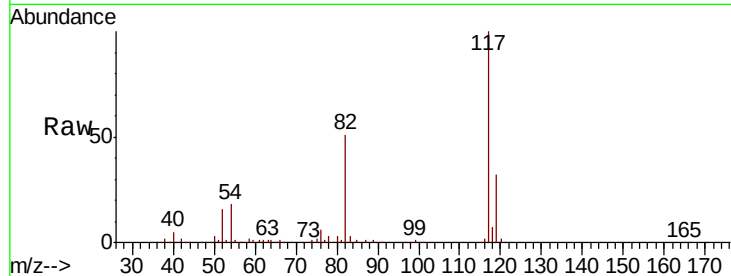




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010659.D
Acq: 03 Jun 2019 15:05

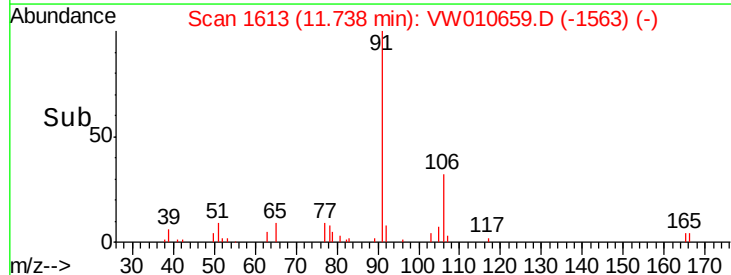
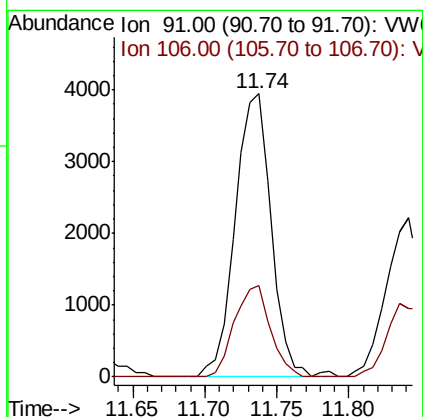
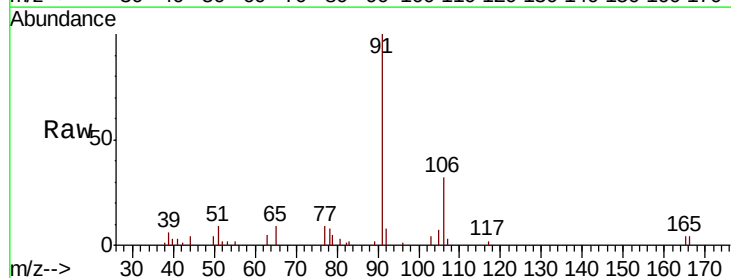
Instrument :
MSVOA_W
ClientSampleId :

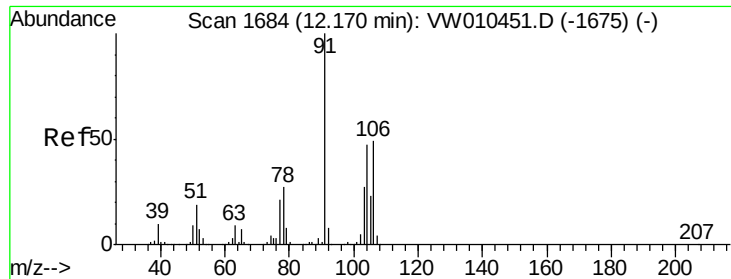
Tot Ion:117 Resp: 144536
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 1.261 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW010659.D
Acq: 03 Jun 2019 15:05

Tgt Ion: 91 Resp: 6860
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9

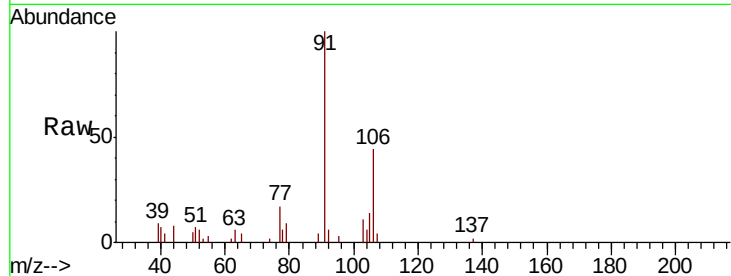




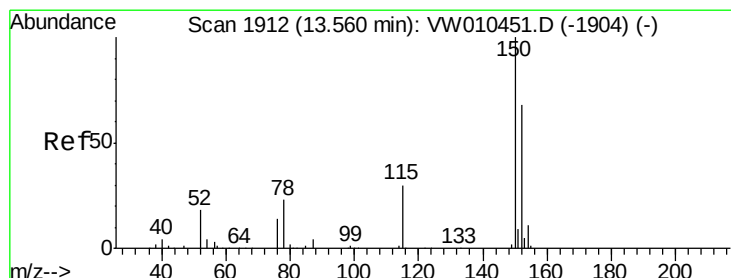
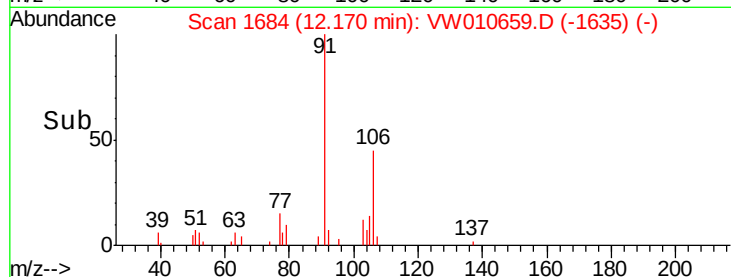
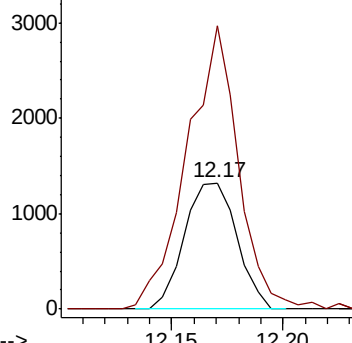
#69
o-Xylene
Concen: 1.074 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010659.D
Acq: 03 Jun 2019 15:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 2171
Ion Ratio Lower Upper
106 100
91 220.7 103.2 309.4

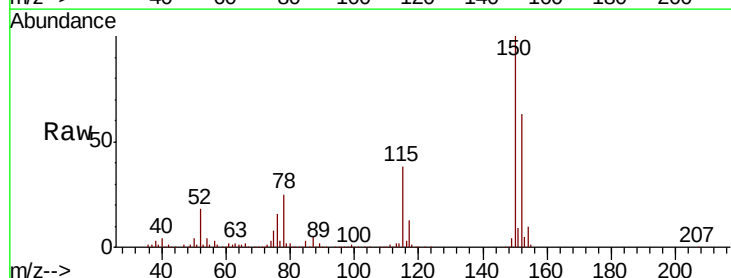


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

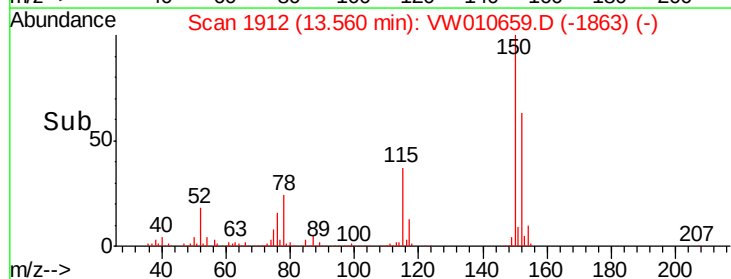
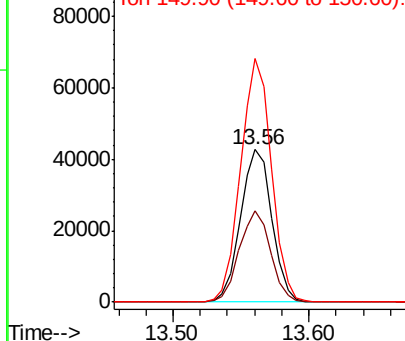


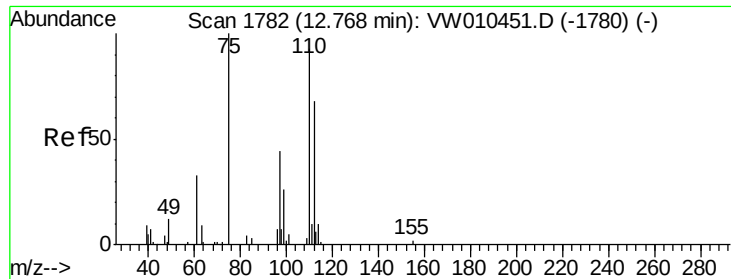
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010659.D
Acq: 03 Jun 2019 15:05

Tgt Ion:152 Resp: 68829
Ion Ratio Lower Upper
152 100
115 59.6 30.3 91.0
150 156.6 0.0 349.8



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: 48.439 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Instrument :

MSVOA_W

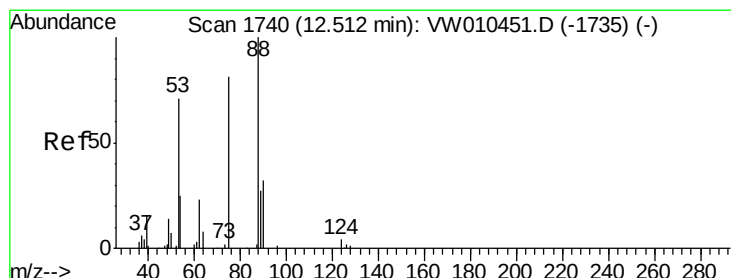
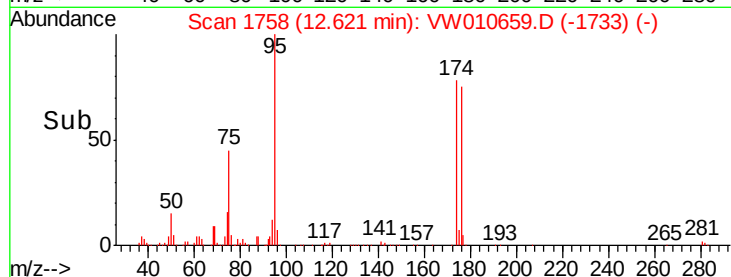
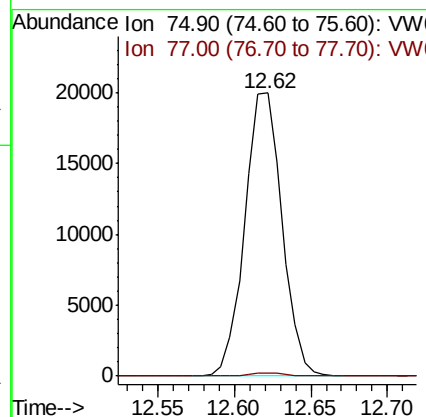
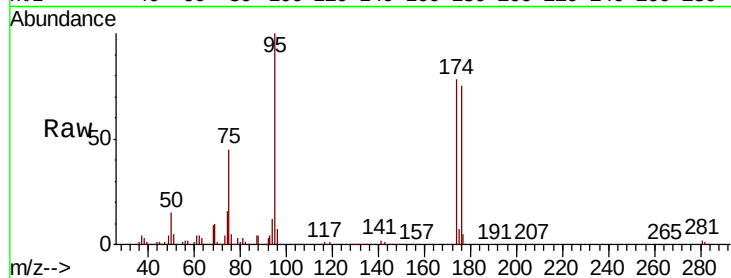
ClientSampleId :

Tot Ion: 75 Resp: 33842

Ion Ratio Lower Upper

75 100

77 1.0 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.093 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010659.D

Acq: 03 Jun 2019 15:05

Tgt Ion: 75 Resp: 33842

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#

