

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010790.D
 Acq On : 13 Jun 2019 11:40
 Operator : SY/VA
 Sample : VW0613SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 07:54:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156861	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	147468	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	114238	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
50) Toluene-d8	10.32	98	489719	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.62	95	172894	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	

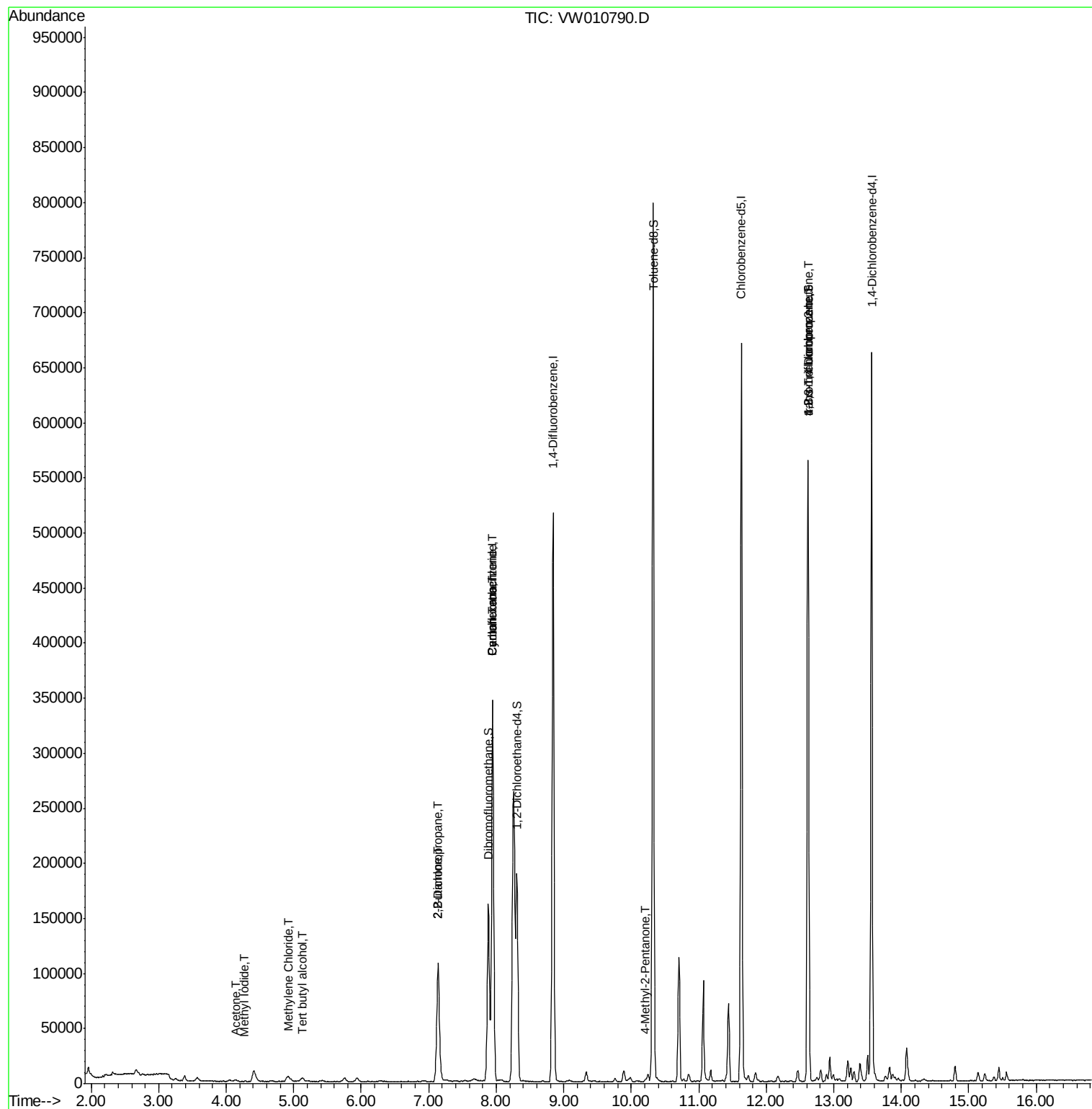
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	228	4.880	ug/l #	71
11) Tert butyl alcohol	5.12	59	3470	14.696	ug/l #	73
16) Acetone	4.15	43	3131	4.032	ug/l	97
20) Methylene Chloride	4.92	84	2941	1.079	ug/l	90
25) 2-Butanone	7.14	43	6856	6.367	ug/l #	80
26) 2,2-Dichloropropane	7.14	77	7063	1.650	ug/l #	55
31) Cyclohexane	7.95	56	8636	1.477	ug/l #	26
38) Carbon Tetrachloride	7.95	117	25134	7.111	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2939	1.312	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	94137	57.148	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94137	131.344	ug/l #	5

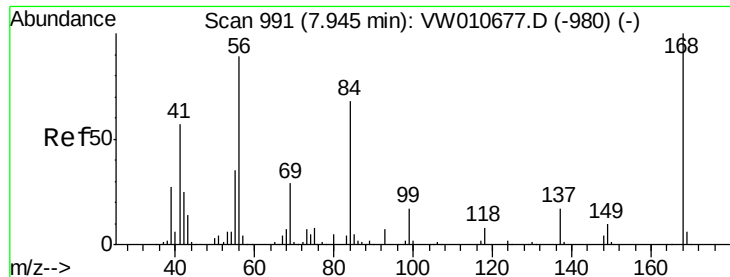
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010790.D
Acq On : 13 Jun 2019 11:40
Operator : SY/VA
Sample : VW0613SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 14 07:54:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 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: VW010790.D

Acq: 13 Jun 2019 11:40

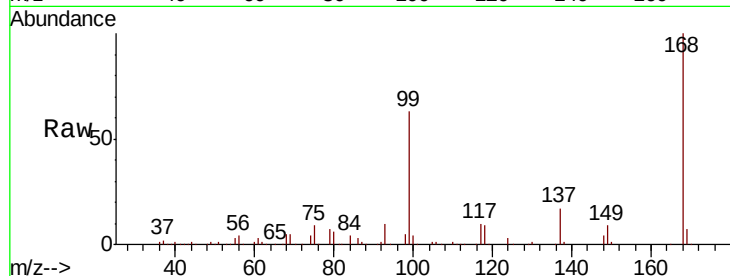
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 245901

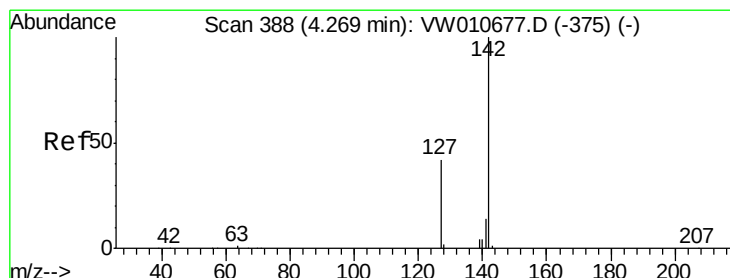
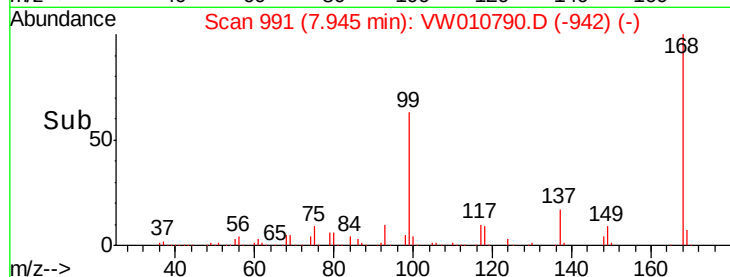
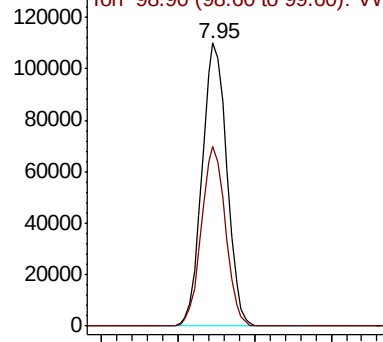
Ion Ratio Lower Upper

168 100

99 63.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.880 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010790.D

Acq: 13 Jun 2019 11:40

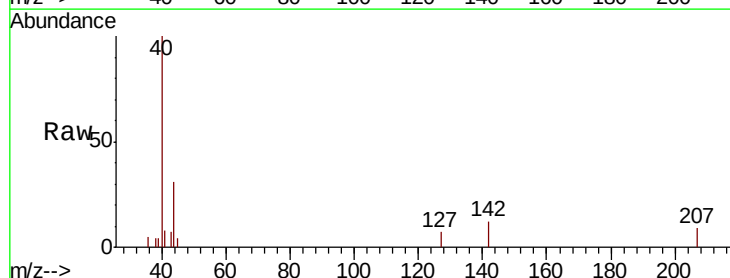
Tgt Ion:142 Resp: 228

Ion Ratio Lower Upper

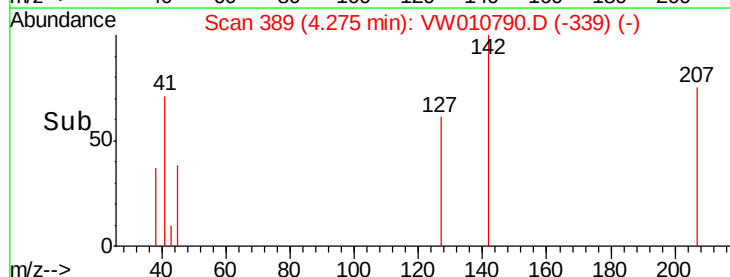
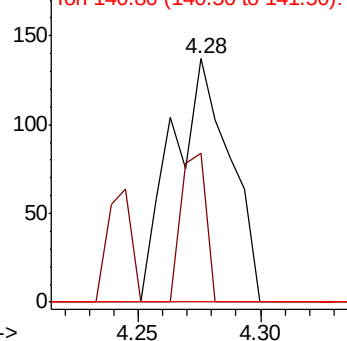
142 100

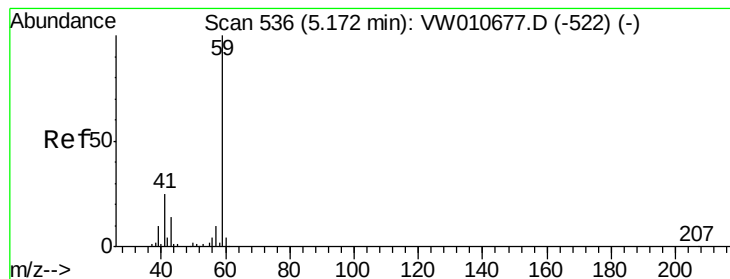
127 25.9 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



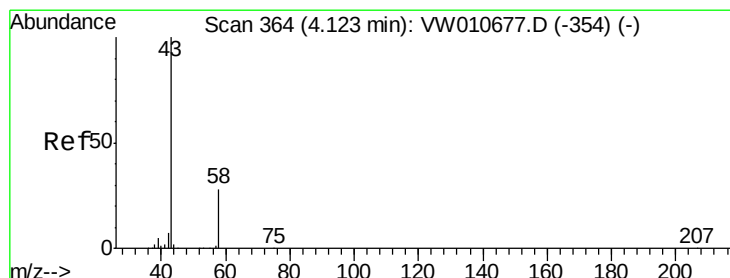
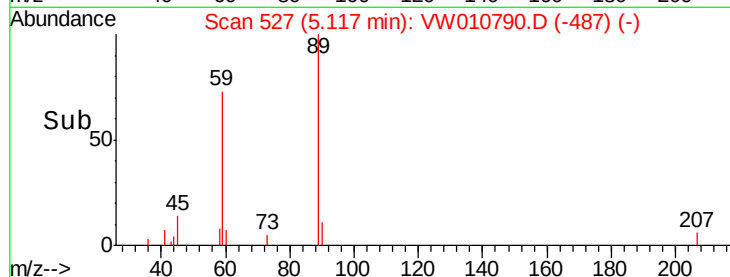
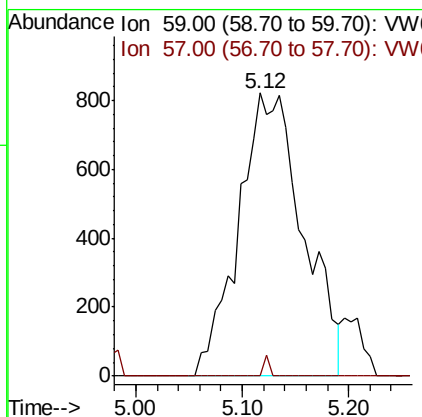
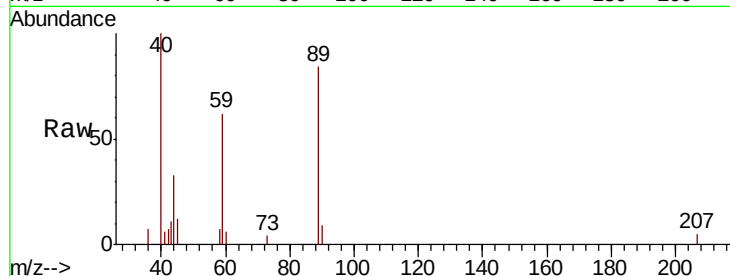


#11

Tert butyl alcohol
 Concen: 14.696 ug/l
 RT: 5.12 min Scan# 527
 Delta R.T. -0.05 min
 Lab File: VW010790.D
 Acq: 13 Jun 2019 11:40

Instrument :
 MSVOA_W
 ClientSampled :

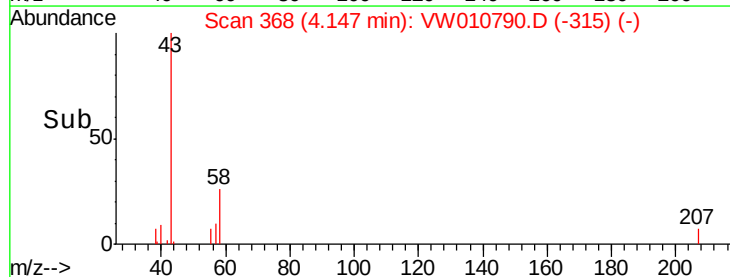
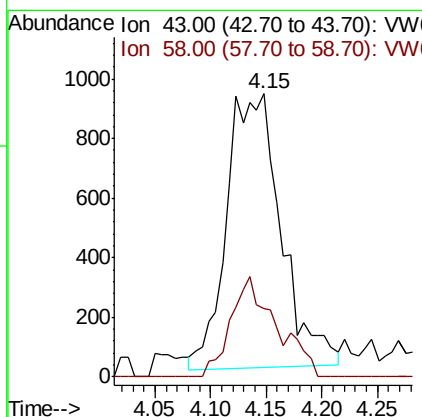
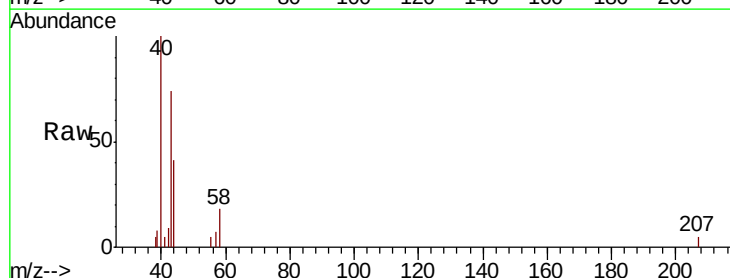
Tot Ion: 59 Resp: 3470
 Ion Ratio Lower Upper
 59 100
 57 0.6 8.6 12.8#

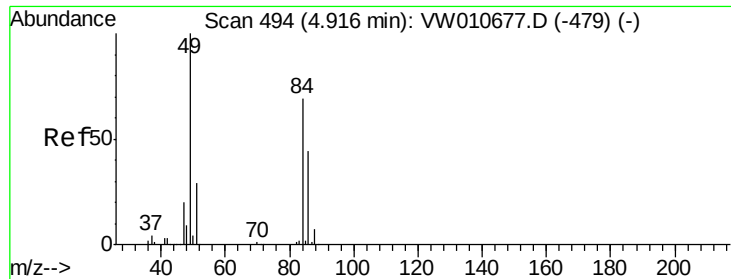


#16

Acetone
 Concen: 4.032 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW010790.D
 Acq: 13 Jun 2019 11:40

Tgt Ion: 43 Resp: 3131
 Ion Ratio Lower Upper
 43 100
 58 25.9 22.1 33.1

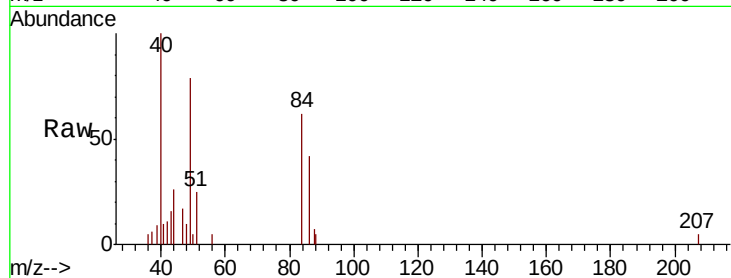




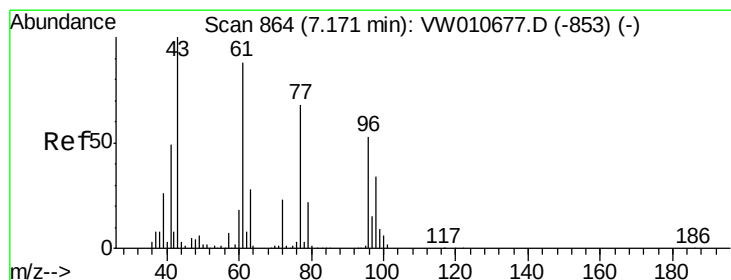
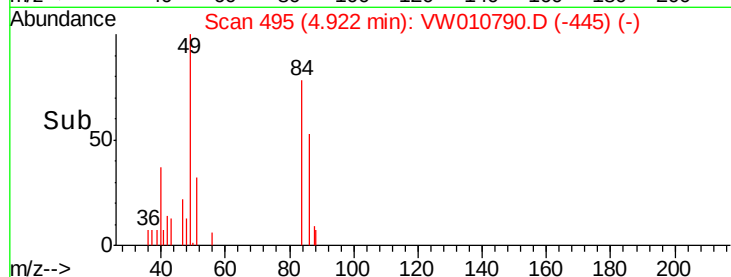
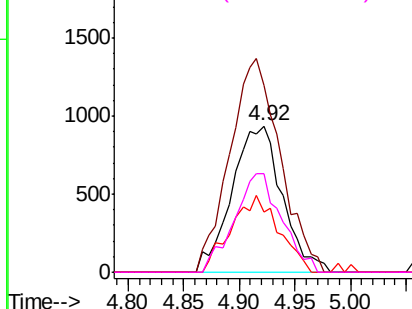
#20
Methylene Chloride
Concen: 1.079 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010790.D
Acq: 13 Jun 2019 11:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 2941
Ion Ratio Lower Upper
84 100
49 128.1 116.7 175.1
51 40.8 34.2 51.2
86 67.6 51.2 76.8

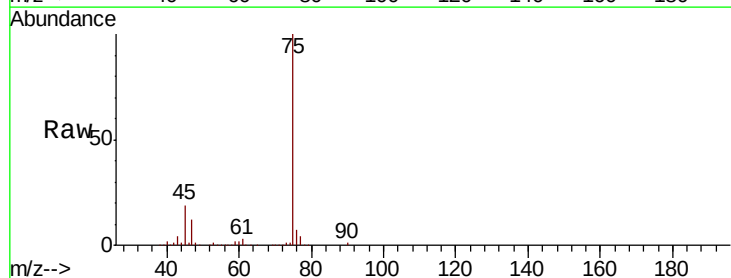


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

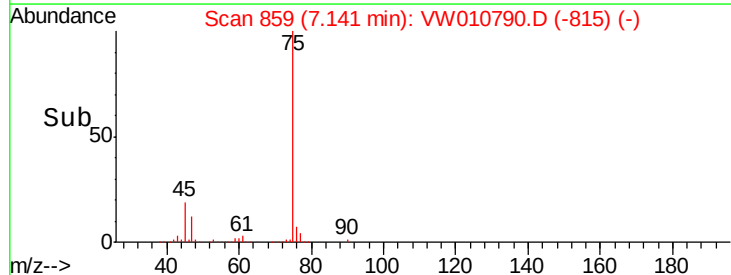
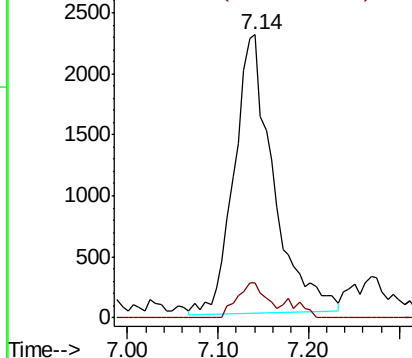


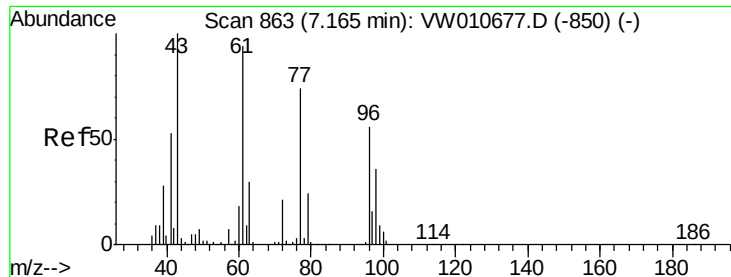
#25
2-Butanone
Concen: 6.367 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010790.D
Acq: 13 Jun 2019 11:40

Tgt Ion: 43 Resp: 6856
Ion Ratio Lower Upper
43 100
72 12.7 18.1 27.1#



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

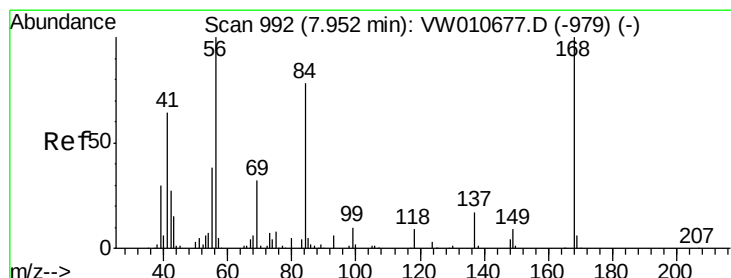
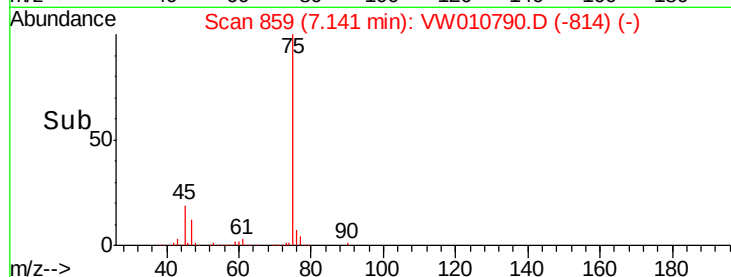
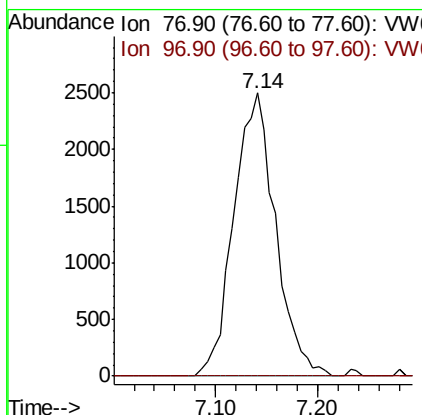
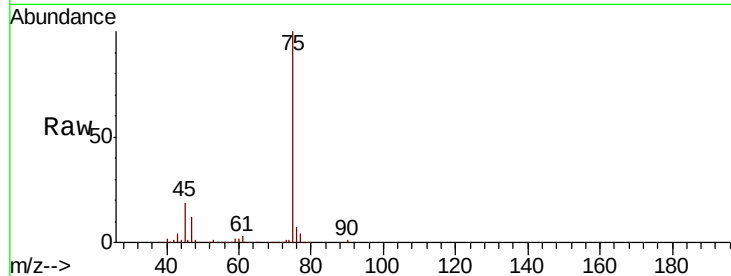




#26
 2,2-Dichloropropane
 Concen: 1.650 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW010790.D
 Acq: 13 Jun 2019 11:40

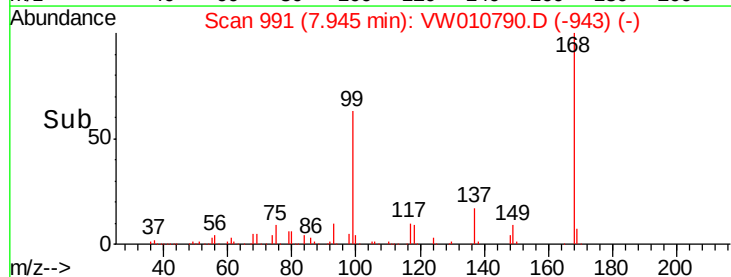
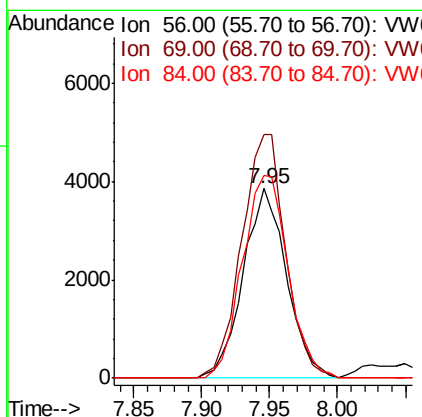
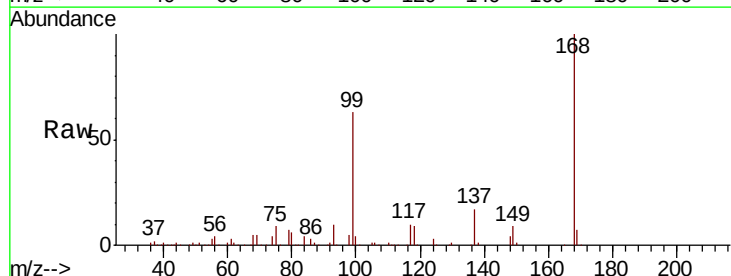
Instrument :
 MSVOA_W
 ClientSampled :

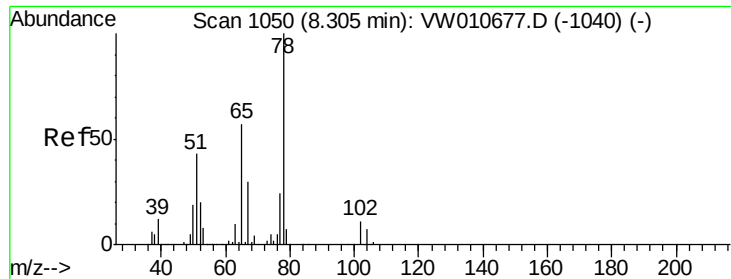
Tot Ion: 77 Resp: 7063
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.6#



#31
 Cyclohexane
 Concen: 1.477 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW010790.D
 Acq: 13 Jun 2019 11:40

Tgt Ion: 56 Resp: 8636
 Ion Ratio Lower Upper
 56 100
 69 128.5 25.2 37.8#
 84 106.8 62.2 93.2#

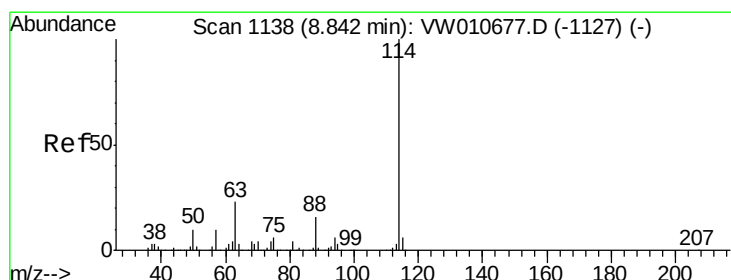
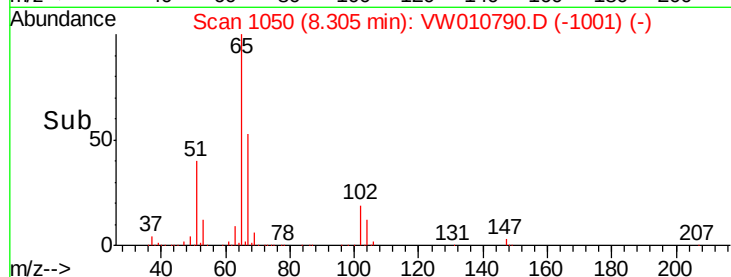
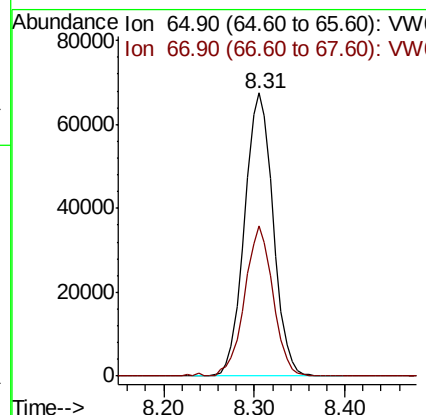
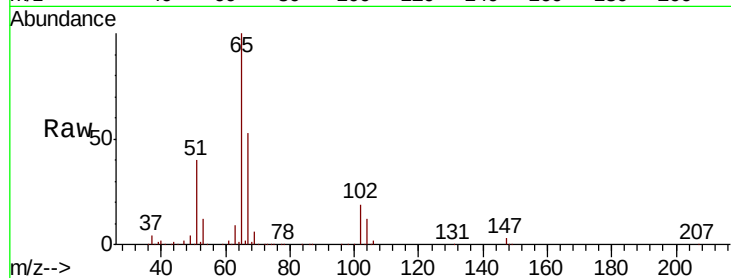




#33
 1,2-Dichloroethane-d4
 Concen: 50.880 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010790.D
 Acq: 13 Jun 2019 11:40

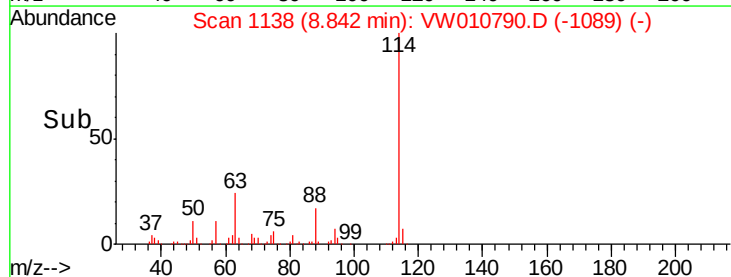
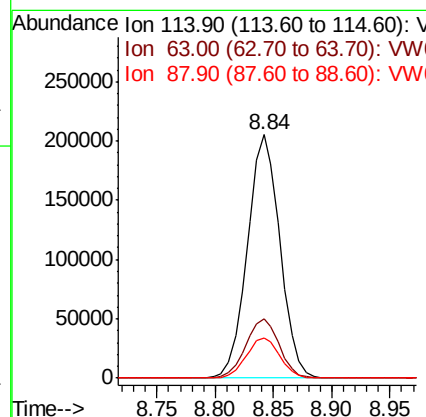
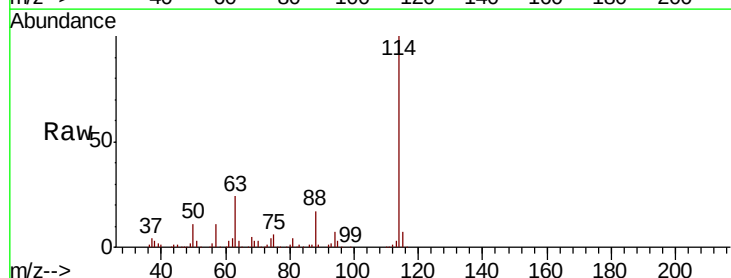
Instrument :
 MSVOA_W
 ClientSampleId :

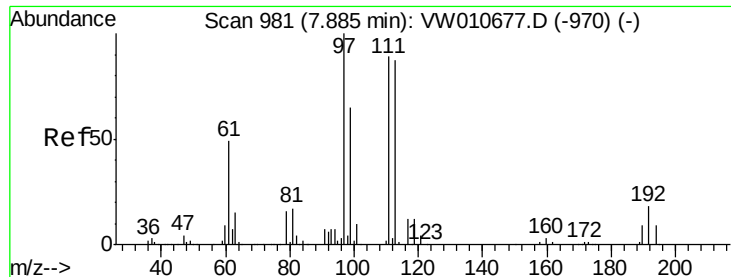
Tot Ion: 65 Resp: 147468
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010790.D
 Acq: 13 Jun 2019 11:40

Tgt Ion: 114 Resp: 400022
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.4
 88 16.5 0.0 32.2

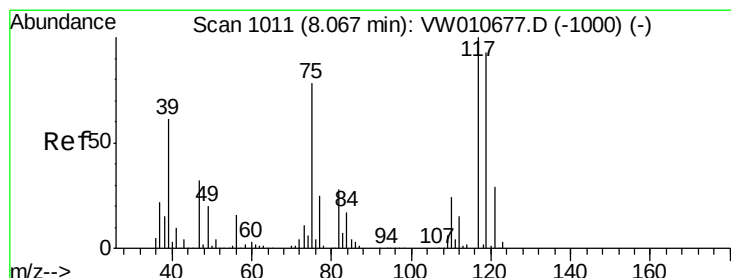
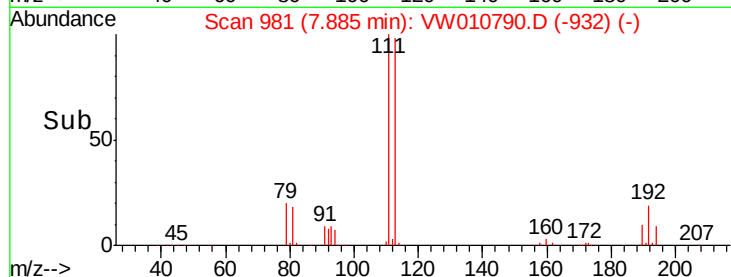
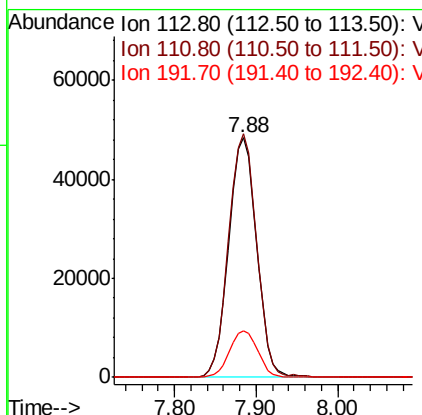
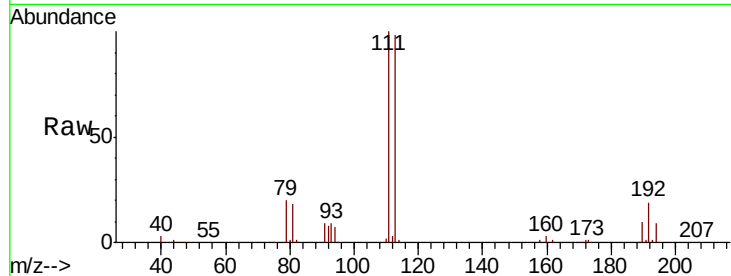




#35
Dibromofluoromethane
Concen: 52.614 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010790.D
Acq: 13 Jun 2019 11:40

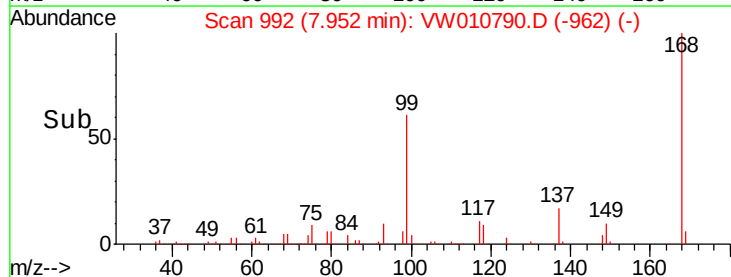
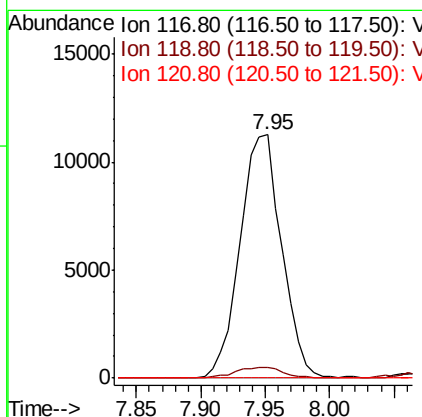
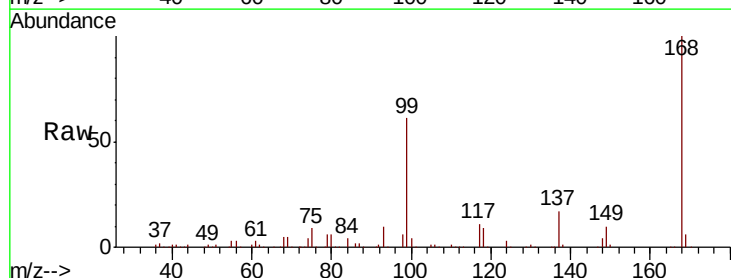
Instrument :
MSVOA_W
ClientSampleId :

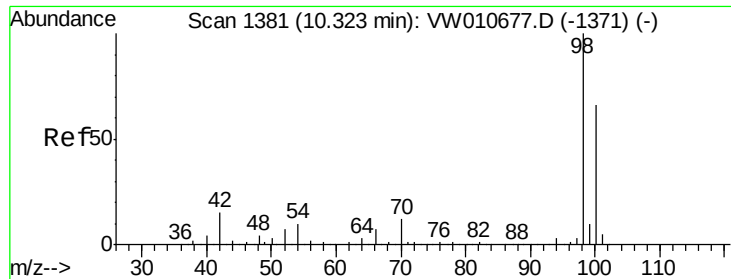
Tot Ion:113 Resp: 114238
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.6 16.4 24.6



#38
Carbon Tetrachloride
Concen: 7.111 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010790.D
Acq: 13 Jun 2019 11:40

Tgt Ion:117 Resp: 25134
Ion Ratio Lower Upper
117 100
119 4.3 74.2 111.4#
121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 51.435 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010790.D

Acq: 13 Jun 2019 11:40

Instrument :

MSVOA_W

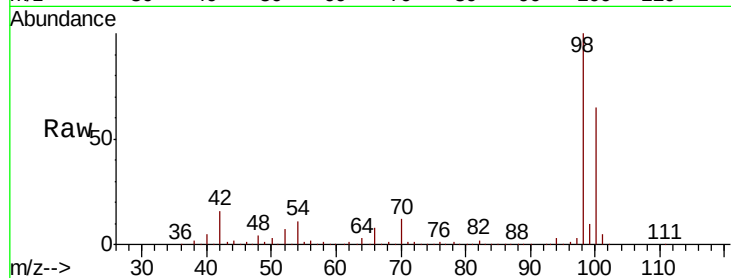
ClientSampleId :

Tot Ion: 98 Resp: 489719

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

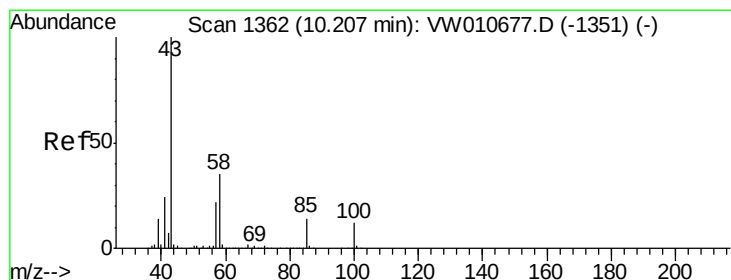
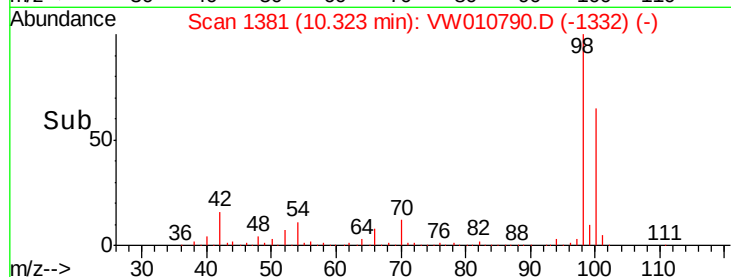
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.312 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010790.D

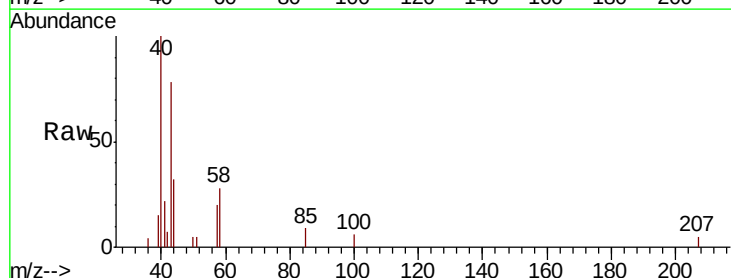
Acq: 13 Jun 2019 11:40

Tgt Ion: 43 Resp: 2939

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

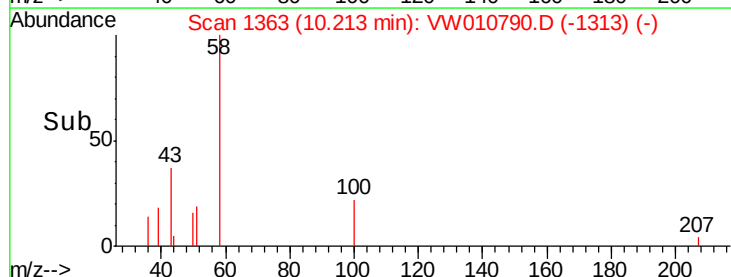
3000

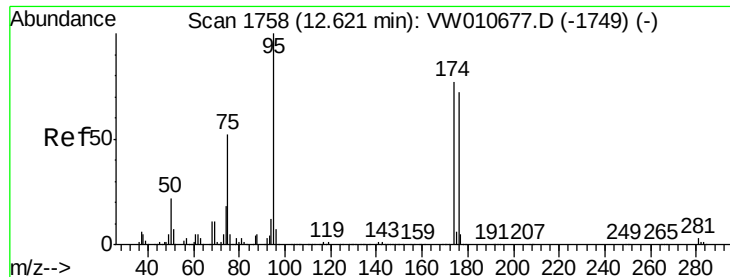
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010790.D

Acq: 13 Jun 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

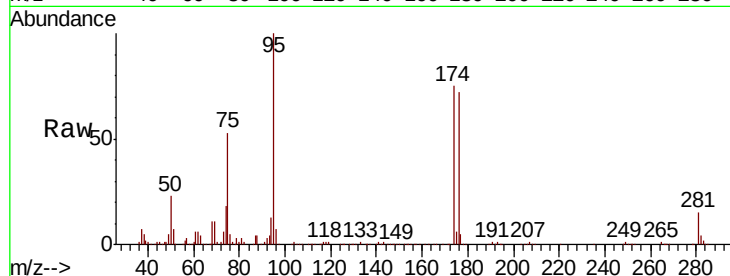
Tot Ion: 95 Resp: 172894

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

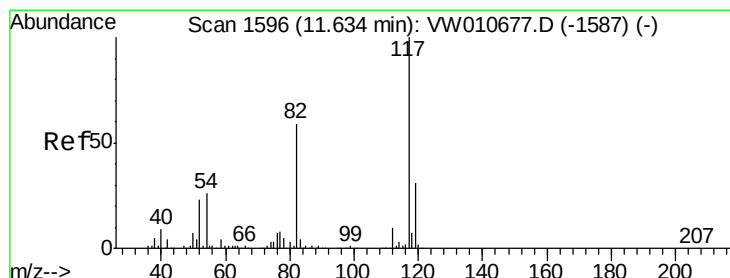
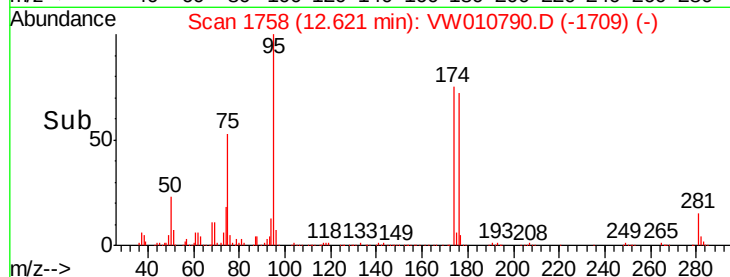
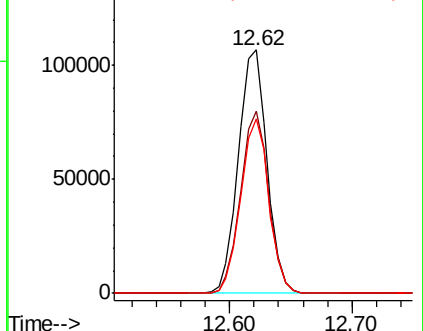
176 70.7 0.0 144.8



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. 0.00 min

Lab File: VW010790.D

Acq: 13 Jun 2019 11:40

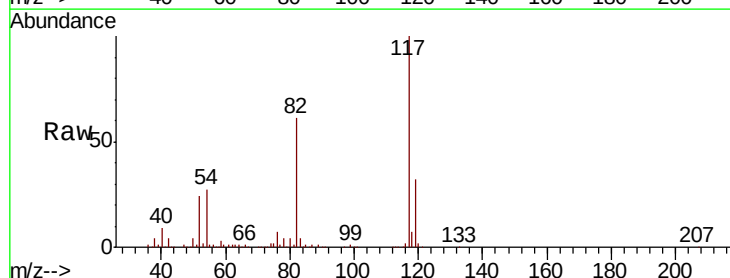
Tgt Ion: 117 Resp: 344198

Ion Ratio Lower Upper

117 100

82 60.9 47.0 70.4

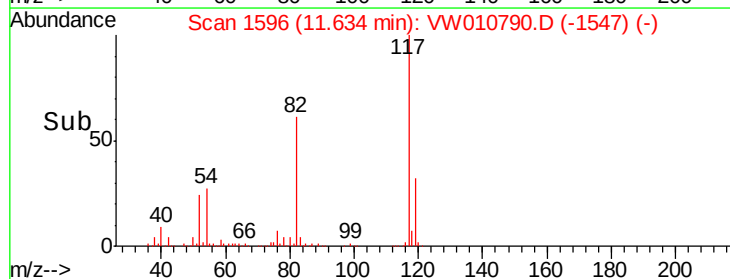
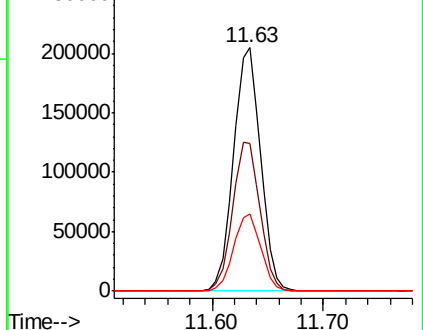
119 31.6 25.1 37.7

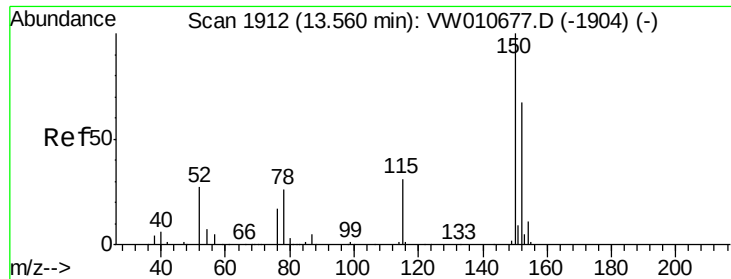


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010790.D

Acq: 13 Jun 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

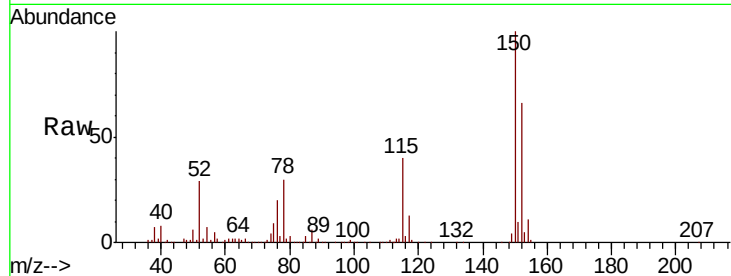
Tot Ion:152 Resp: 156861

Ion Ratio Lower Upper

152 100

115 61.0 29.8 89.3

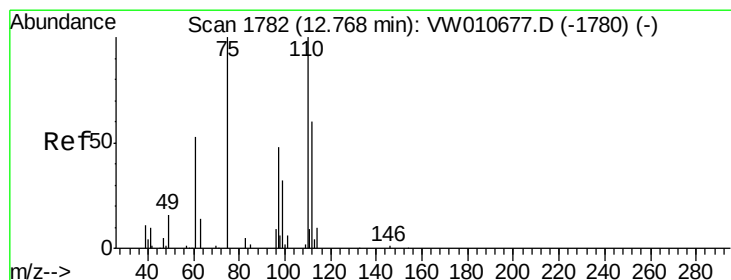
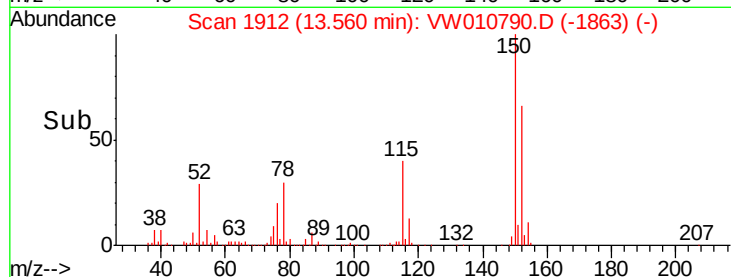
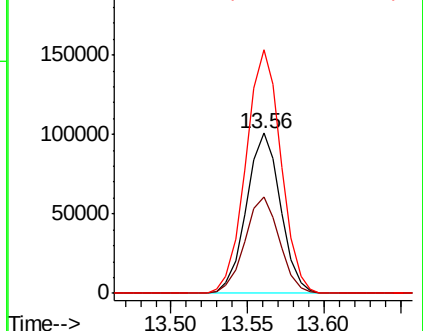
150 155.7 0.0 345.0



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: 57.148 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010790.D

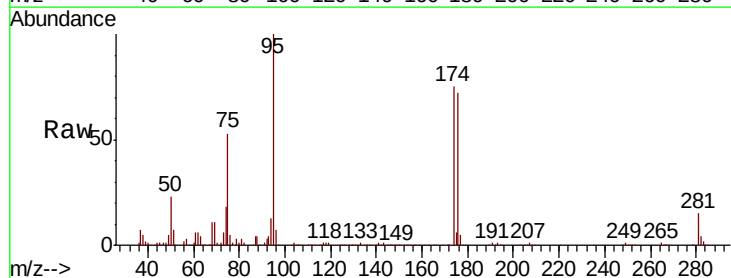
Acq: 13 Jun 2019 11:40

Tgt Ion: 75 Resp: 94137

Ion Ratio Lower Upper

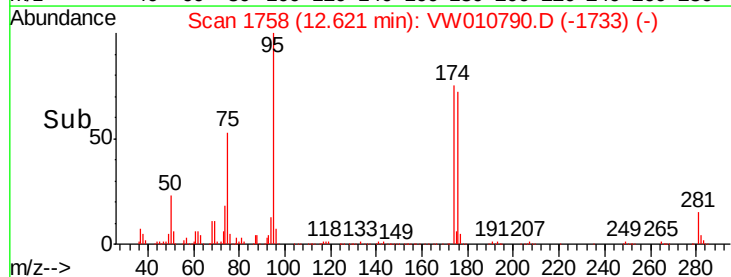
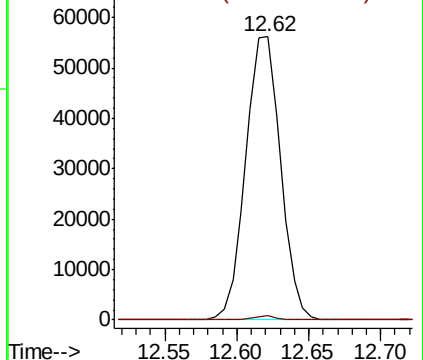
75 100

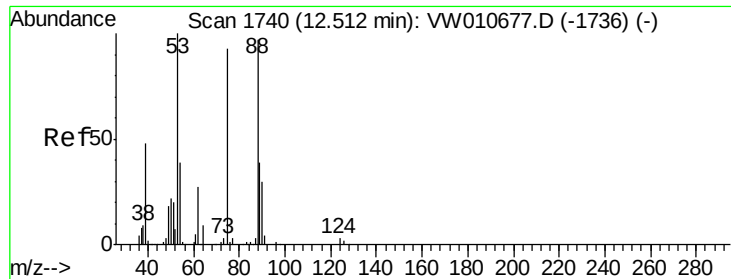
77 1.2 0.0 0.0#



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: 131.344 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010790.D

Acq: 13 Jun 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

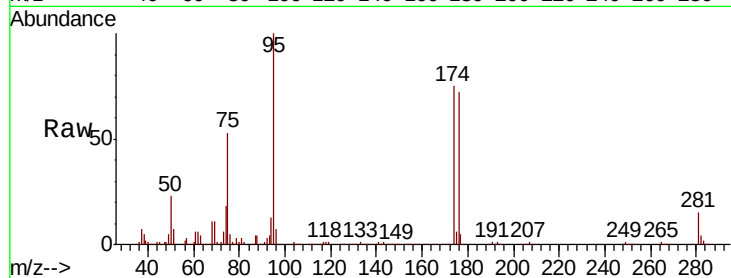
Tot Ion: 75 Resp: 94137

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.2 34.6 52.0#



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

