

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010796.D
 Acq On : 13 Jun 2019 14:29
 Operator : SY/VA
 Sample : K3344-02RE
 Misc : 4.76G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-007RE

Quant Time: Jun 14 08:20:05 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	186467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126118	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	106867	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	7.87	113	224	0.13	ug/l	-0.01
Spiked Amount			Recovery	=	0.26%	
50) Toluene-d8	10.32	98	303358	39.88	ug/l	0.00
Spiked Amount			Recovery	=	79.76%	
62) 4-Bromofluorobenzene	12.62	95	118820	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	

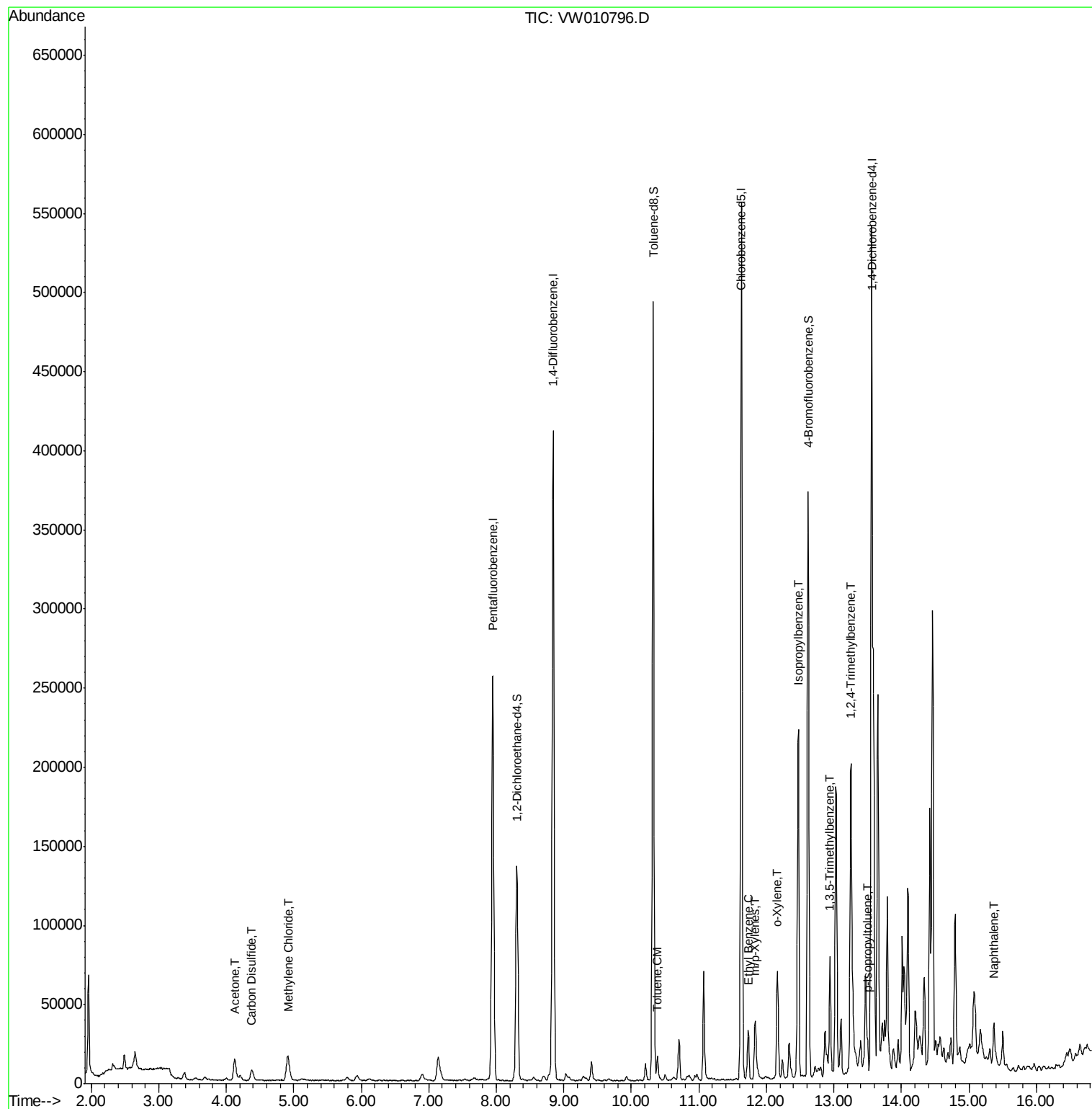
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	25903	43.985	ug/l	97
17) Carbon Disulfide	4.37	76	11784	2.059	ug/l	98
20) Methylene Chloride	4.92	84	11100	5.373	ug/l	90
52) Toluene	10.39	92	5974	1.088	ug/l	99
67) Ethyl Benzene	11.73	91	19795	1.868	ug/l	100
68) m/p-Xylenes	11.84	106	10389	2.738	ug/l	98
69) o-Xylene	12.17	106	15083	4.192	ug/l	98
73) Isopropylbenzene	12.47	105	11845	1.250	ug/l #	72
80) 1,3,5-Trimethylbenzene	12.94	105	33622	4.334	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	104352	13.368	ug/l	99
86) p-Isopropyltoluene	13.50	119	9831	1.147	ug/l #	76
95) Naphthalene	15.37	128	20898	4.569	ug/l	97

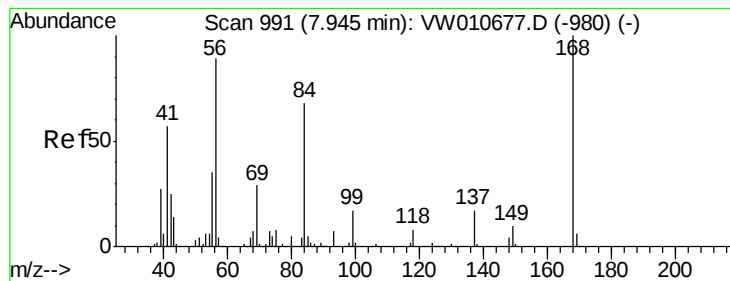
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010796.D
Acq On : 13 Jun 2019 14:29
Operator : SY/VA
Sample : K3344-02RE
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-007RE

Quant Time: Jun 14 08:20:05 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# 992

Delta R.T. 0.01 min

Lab File: VW010796.D

Acq: 13 Jun 2019 14:29

Instrument :

MSVOA_W

ClientSampleId :

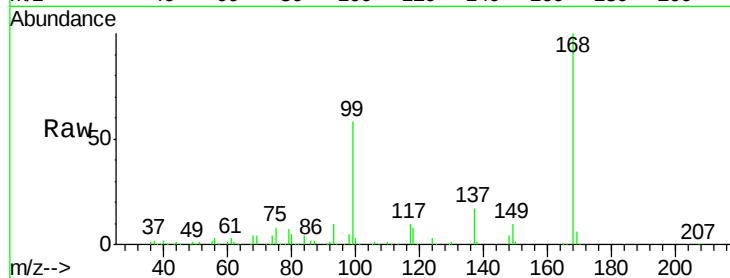
FK-0D015-03-007RE

Tot Ion:168 Resp: 186467

Ion Ratio Lower Upper

168 100

99 58.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

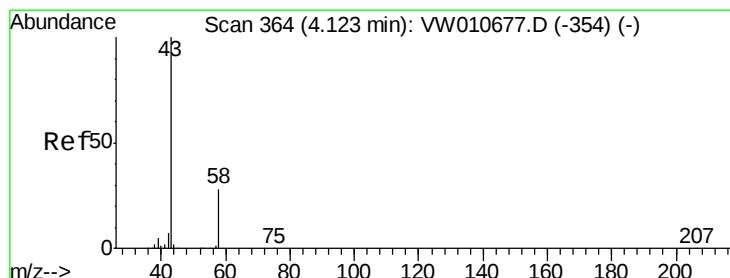
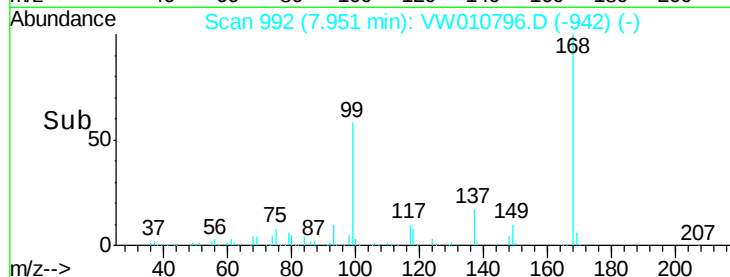
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 43.985 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010796.D

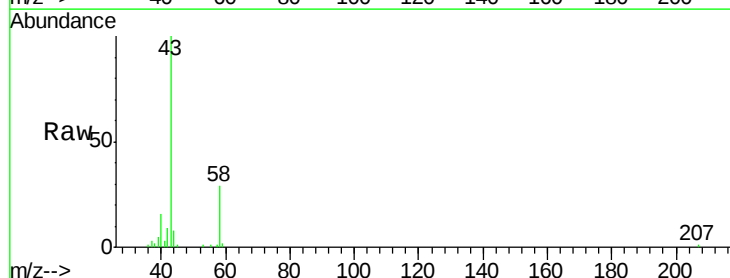
Acq: 13 Jun 2019 14:29

Tgt Ion: 43 Resp: 25903

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

10000

8000

6000

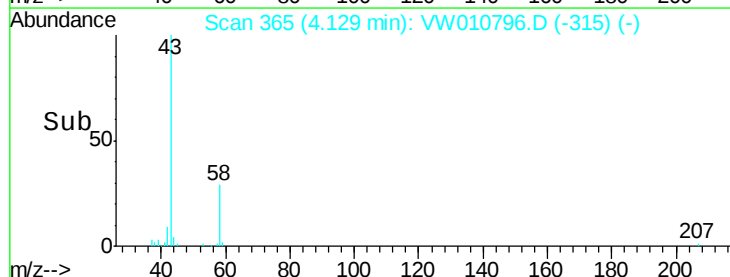
4000

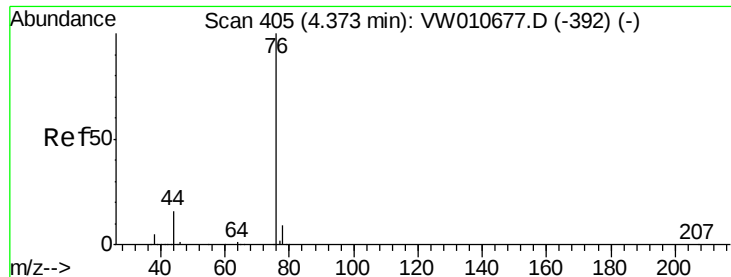
2000

0

4.00 4.10 4.20

Time-->

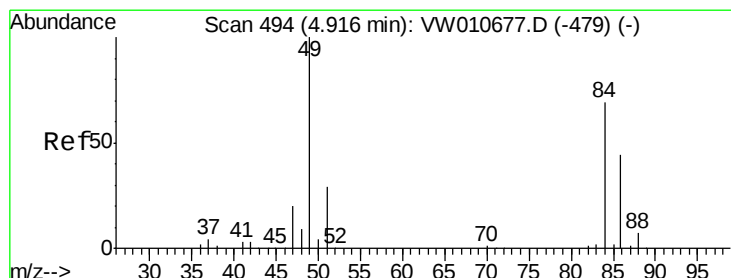
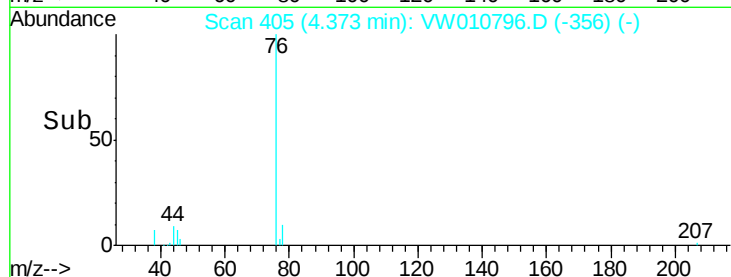
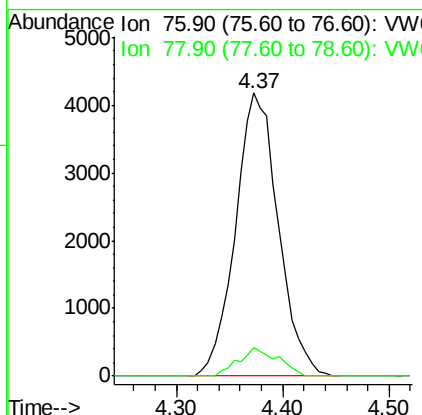
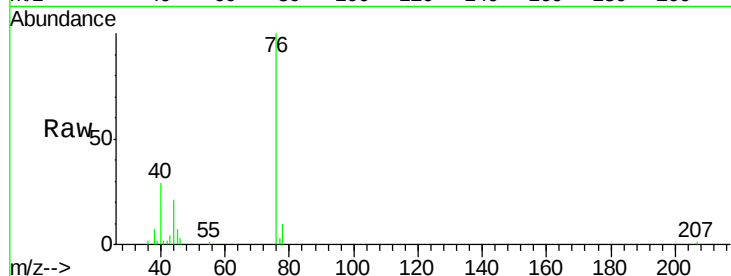




#17
Carbon Disulfide
Concen: 2.059 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

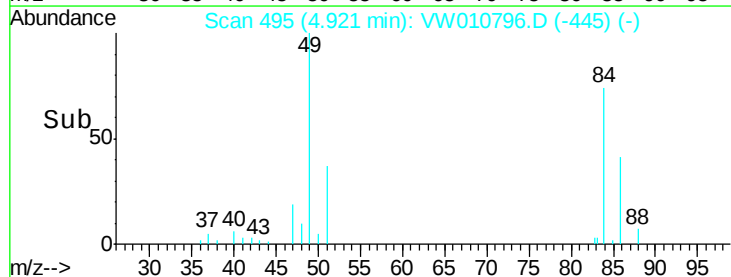
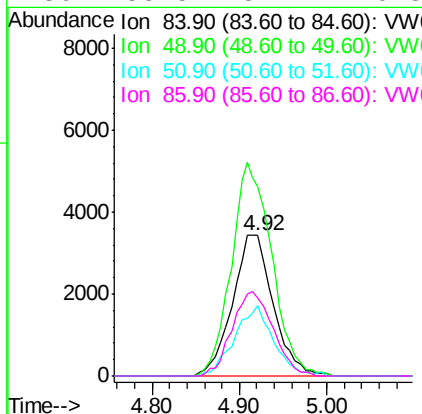
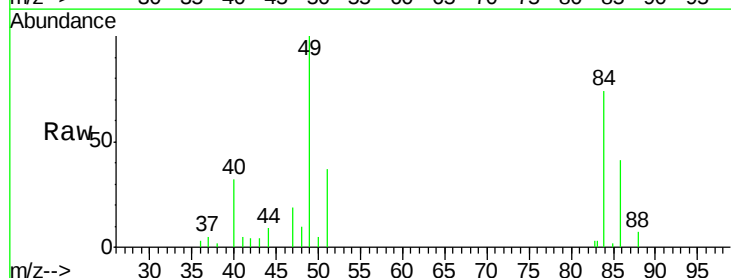
Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-007RE

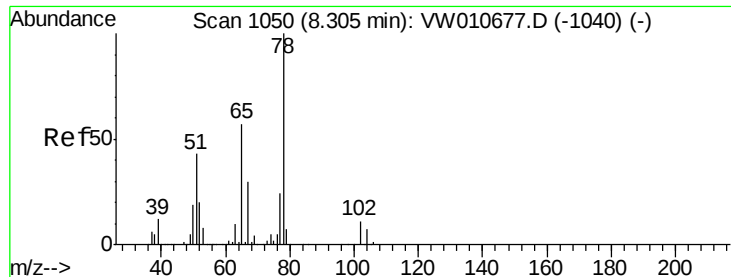
Tot Ion: 76 Resp: 11784
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#20
Methylene Chloride
Concen: 5.373 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

Tgt Ion: 84 Resp: 11100
Ion Ratio Lower Upper
84 100
49 134.3 116.7 175.1
51 49.8 34.2 51.2
86 55.5 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 48.624 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010796.D

Acq: 13 Jun 2019 14:29

Instrument :

MSVOA_W

ClientSampleId :

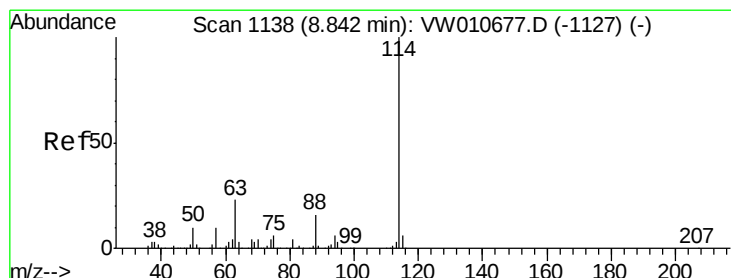
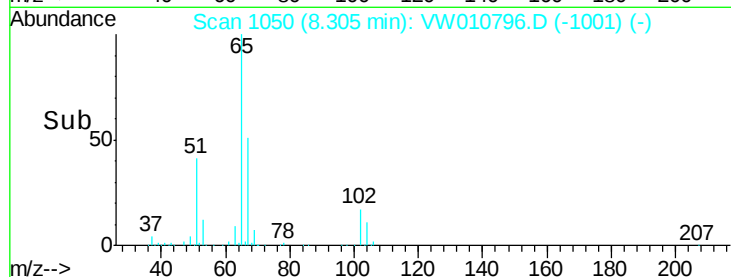
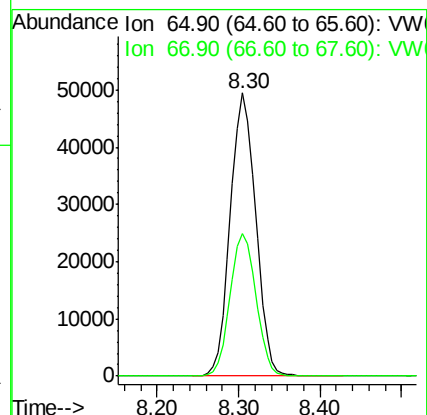
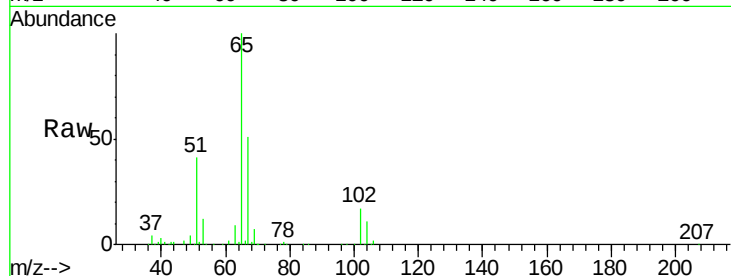
FK-0D015-03-007RE

Tot Ion: 65 Resp: 106867

Ion Ratio Lower Upper

65 100

67 51.1 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: VW010796.D

Acq: 13 Jun 2019 14:29

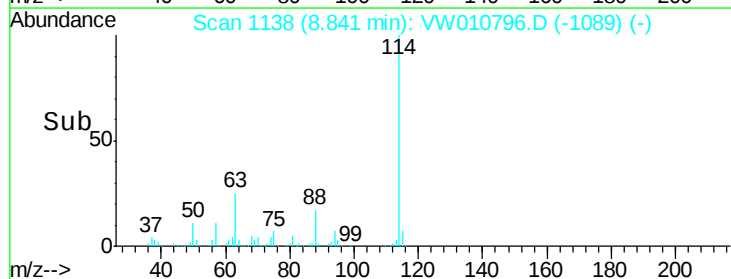
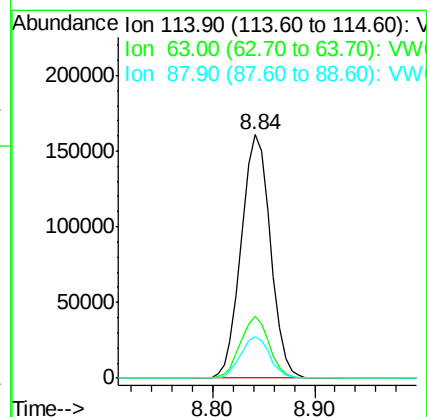
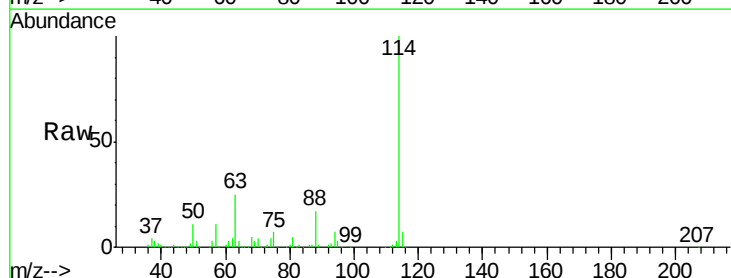
Tgt Ion: 114 Resp: 319568

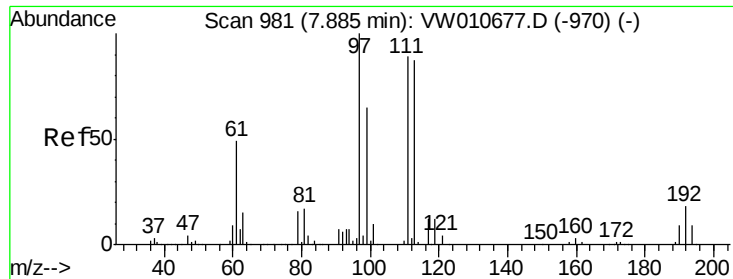
Ion Ratio Lower Upper

114 100

63 25.2 0.0 46.4

88 17.1 0.0 32.2

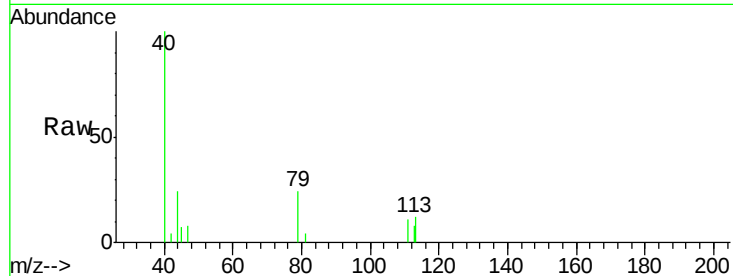




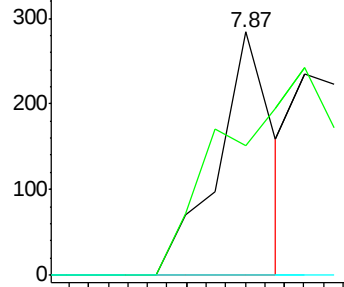
#35
Dibromofluoromethane
Concen: 0.129 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-007RE

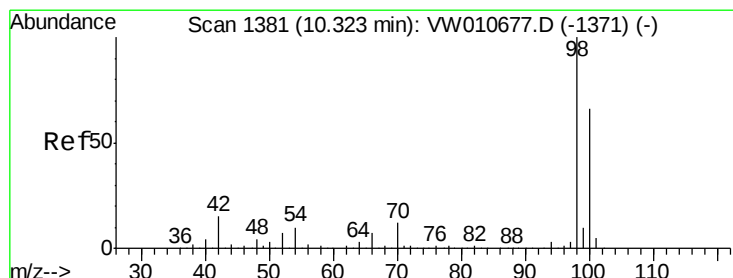
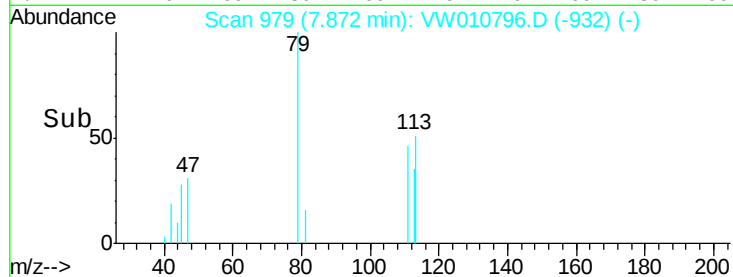
Tot Ion:113 Resp: 224
Ion Ratio Lower Upper
113 100
111 222.8 82.6 123.8#
192 0.0 16.4 24.6#



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

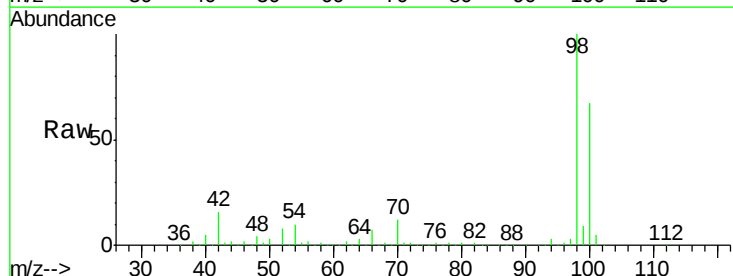


Time-->

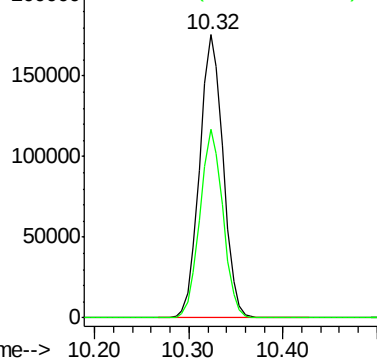


#50
Toluene-d8
Concen: 39.883 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

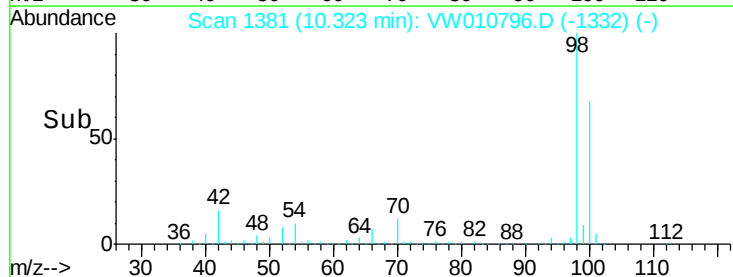
Tgt Ion: 98 Resp: 303358
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6

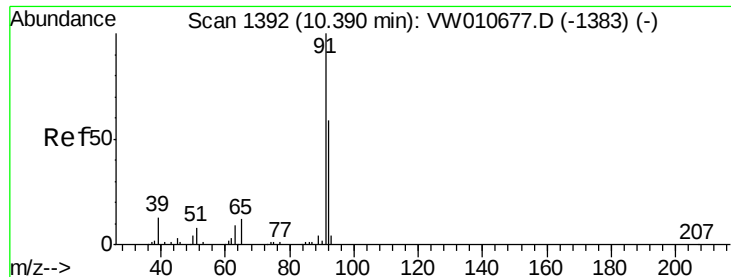


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW



Time-->





#52

Toluene

Concen: 1.088 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010796.D

Acq: 13 Jun 2019 14:29

Instrument :

MSVOA_W

ClientSampleId :

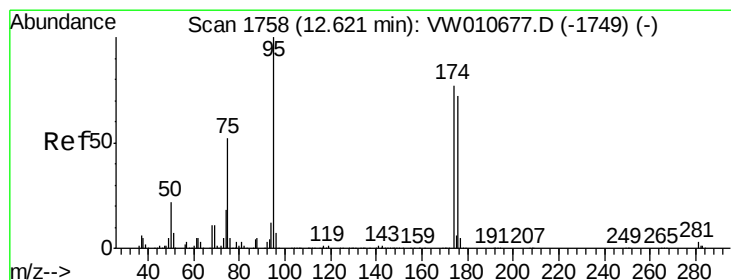
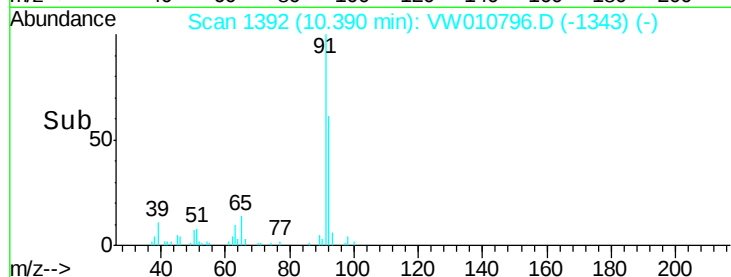
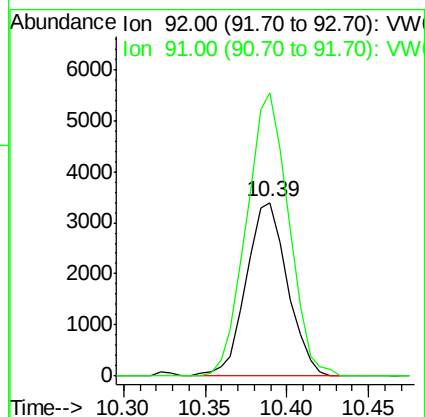
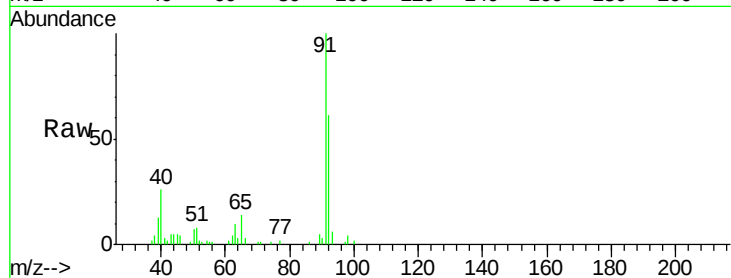
FK-0D015-03-007RE

Tot Ion: 92 Resp: 5974

Ion Ratio Lower Upper

92 100

91 166.7 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 42.930 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010796.D

Acq: 13 Jun 2019 14:29

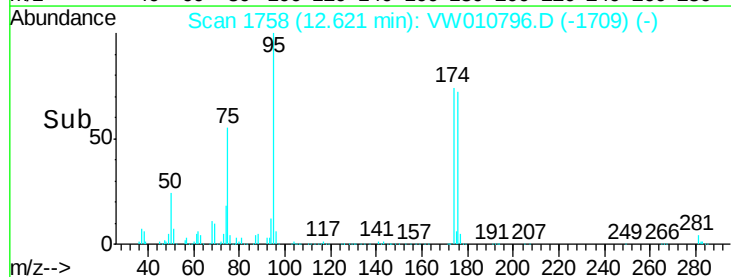
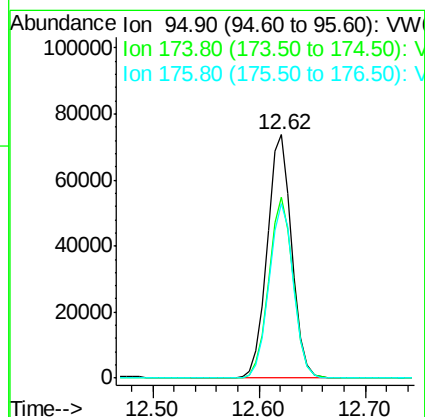
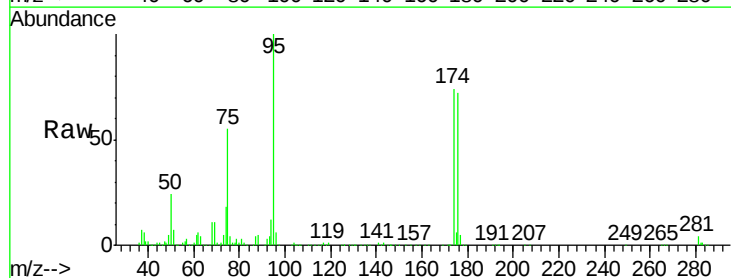
Tgt Ion: 95 Resp: 118820

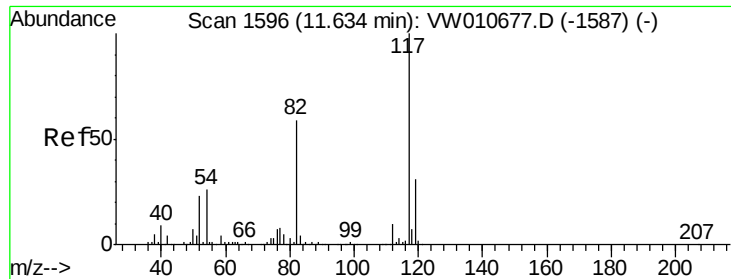
Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.4

176 71.3 0.0 144.8

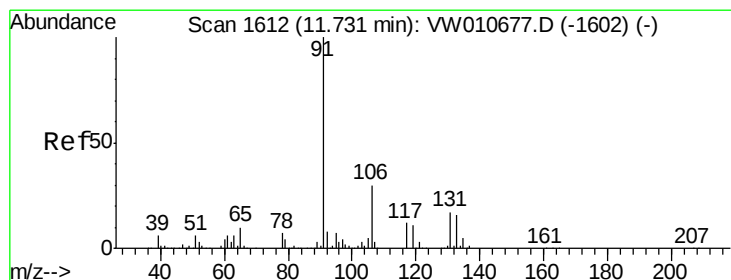
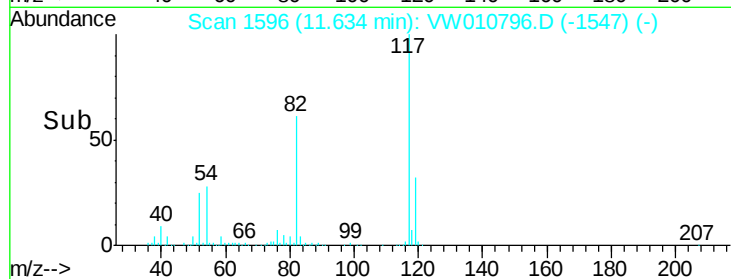
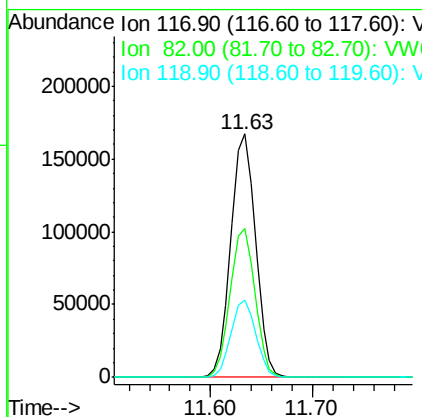
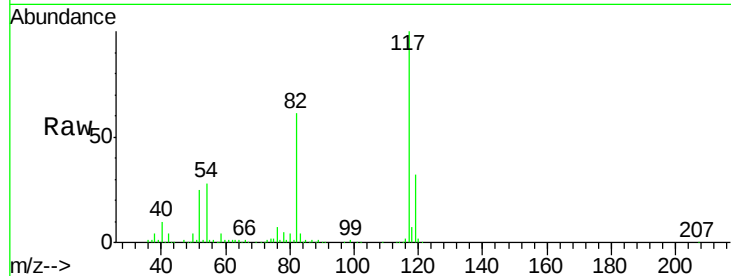




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

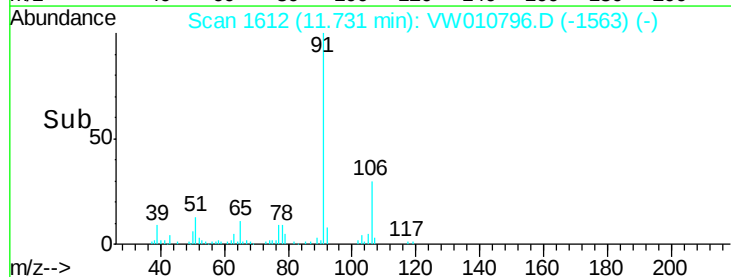
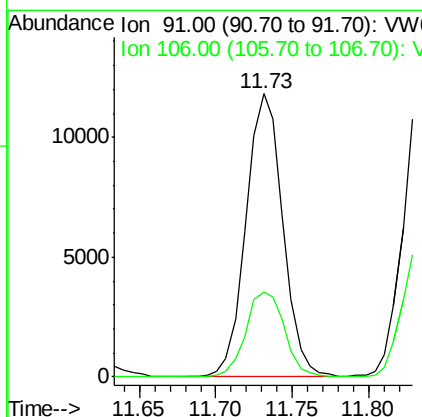
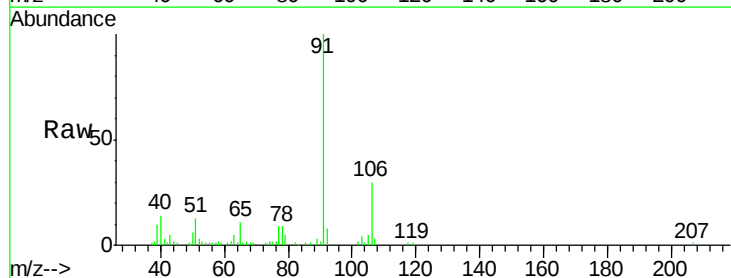
Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-007RE

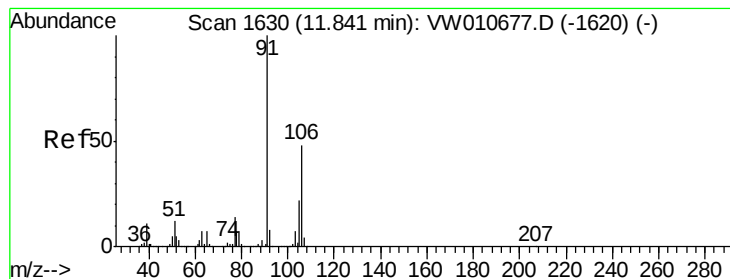
Tot Ion:117 Resp: 280442
Ion Ratio Lower Upper
117 100
82 61.3 47.0 70.4
119 31.6 25.1 37.7



#67
Ethyl Benzene
Concen: 1.868 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

Tgt Ion: 91 Resp: 19795
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4





#68

m/p-Xylenes

Concen: 2.738 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010796.D

Acq: 13 Jun 2019 14:29

Instrument :

MSVOA_W

ClientSampleId :

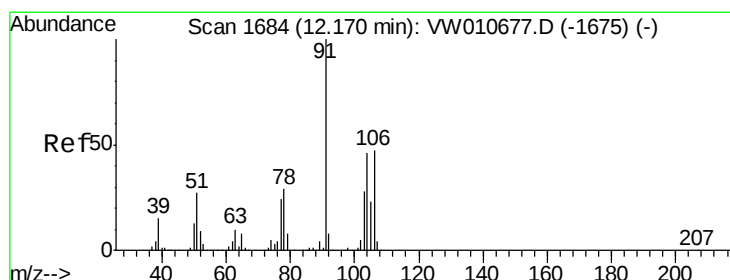
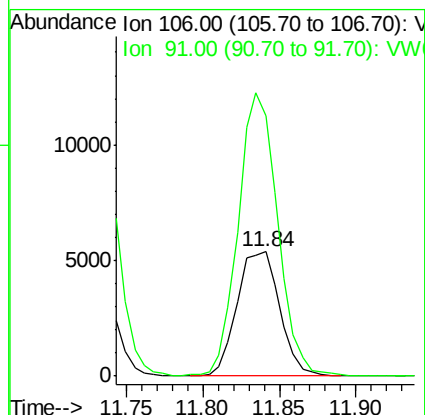
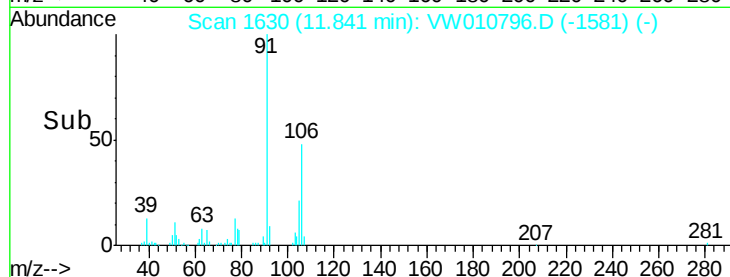
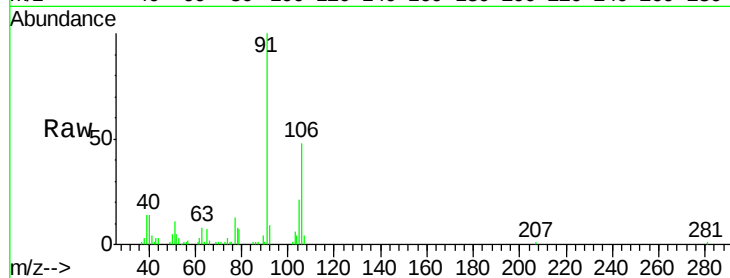
FK-0D015-03-007RE

Tot Ion:106 Resp: 10389

Ion Ratio Lower Upper

106 100

91 211.7 166.5 249.7



#69

o-Xylene

Concen: 4.192 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW010796.D

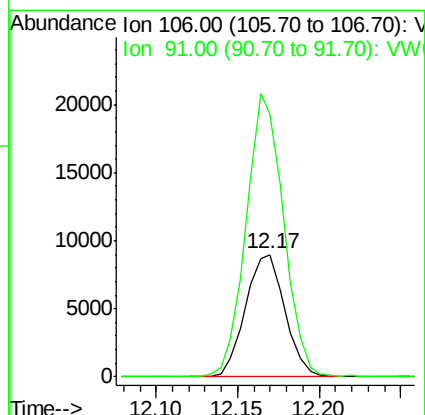
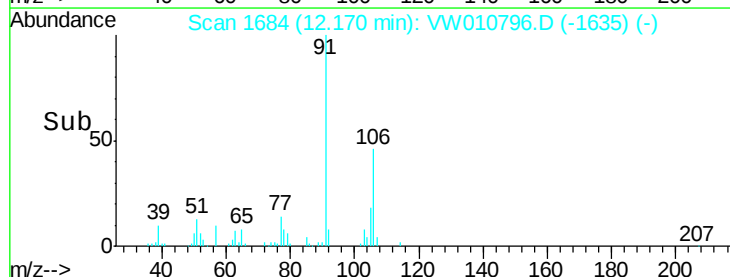
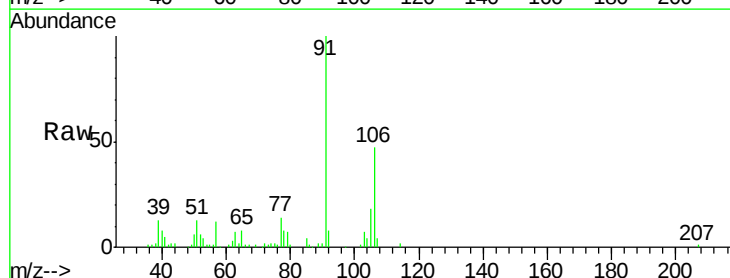
Acq: 13 Jun 2019 14:29

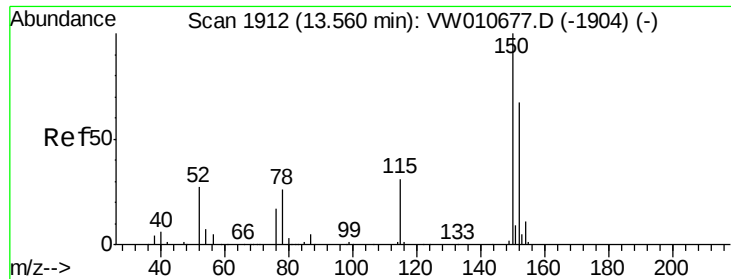
Tgt Ion:106 Resp: 15083

Ion Ratio Lower Upper

106 100

91 220.4 108.9 326.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010796.D

Acq: 13 Jun 2019 14:29

Instrument :

MSVOA_W

ClientSampleId :

FK-0D015-03-007RE

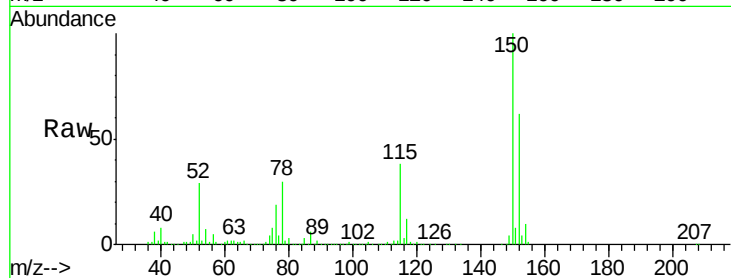
Tot Ion:152 Resp: 126118

Ion Ratio Lower Upper

152 100

115 65.0 29.8 89.3

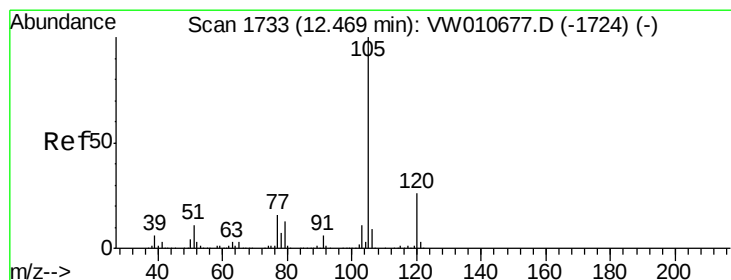
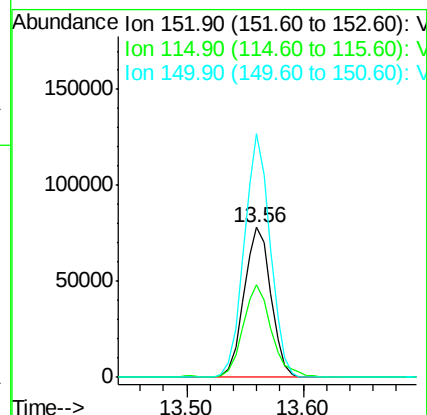
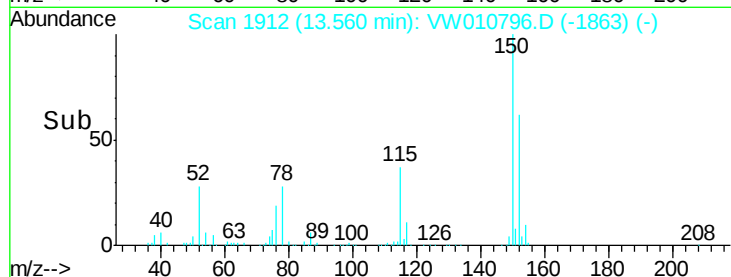
150 157.5 0.0 345.0



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



#73

Isopropylbenzene

Concen: 1.250 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010796.D

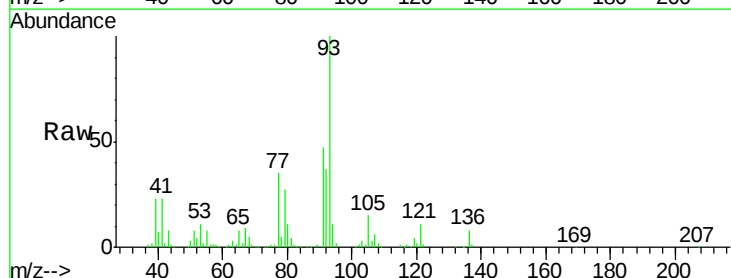
Acq: 13 Jun 2019 14:29

Tgt Ion:105 Resp: 11845

Ion Ratio Lower Upper

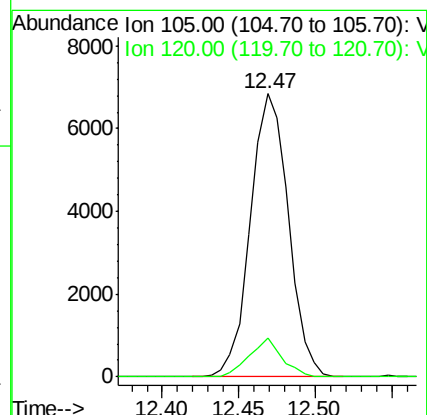
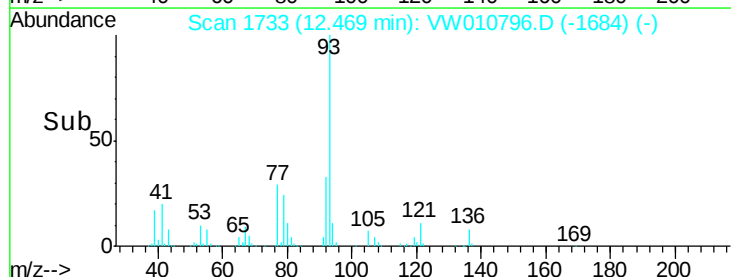
105 100

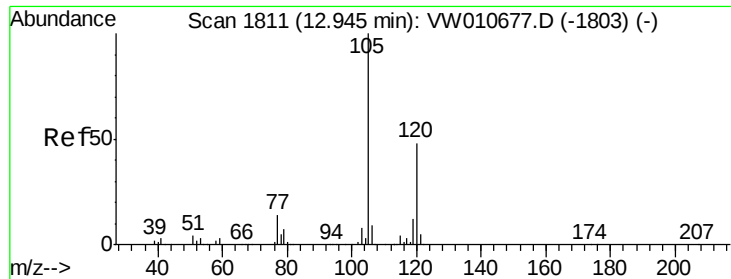
120 11.7 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

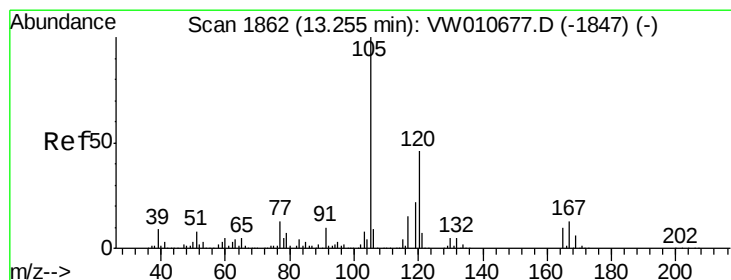
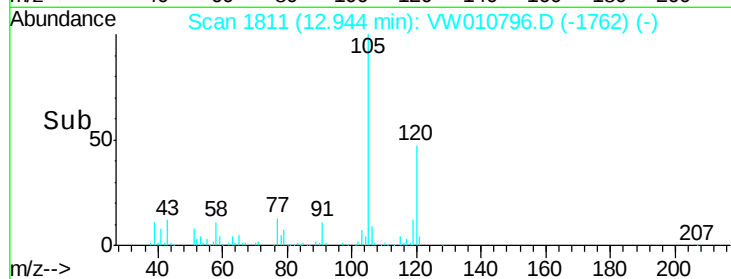
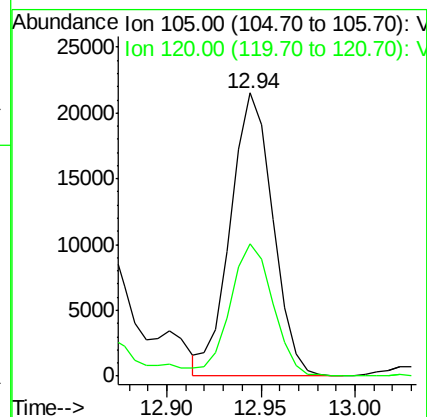
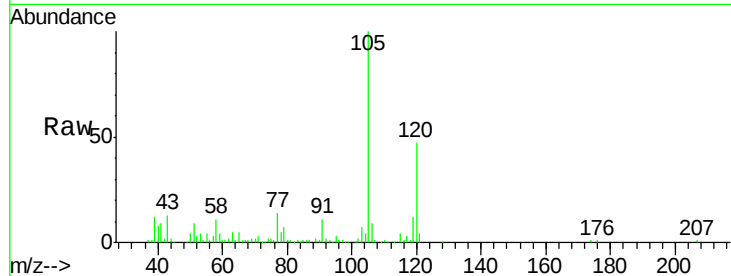




#80
 1,3,5-Trimethylbenzene
 Concen: 4.334 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010796.D
 Acq: 13 Jun 2019 14:29

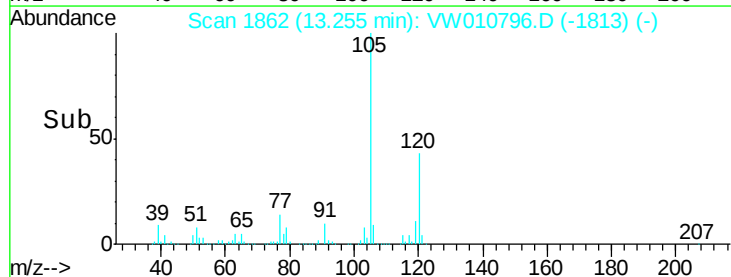
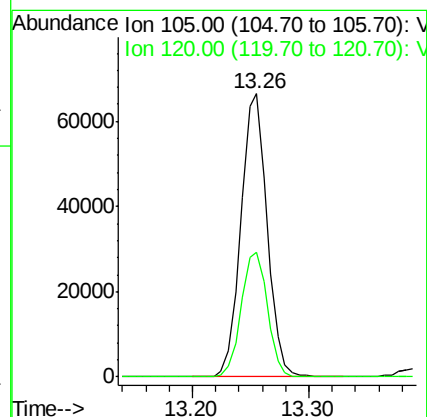
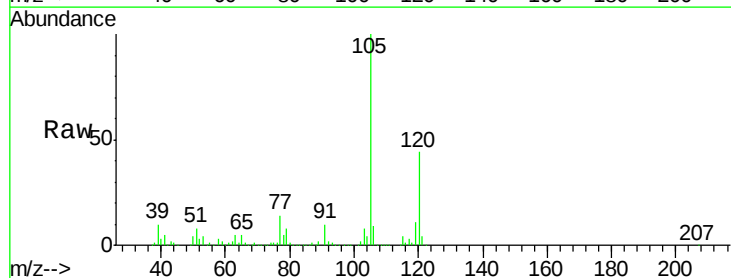
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-007RE

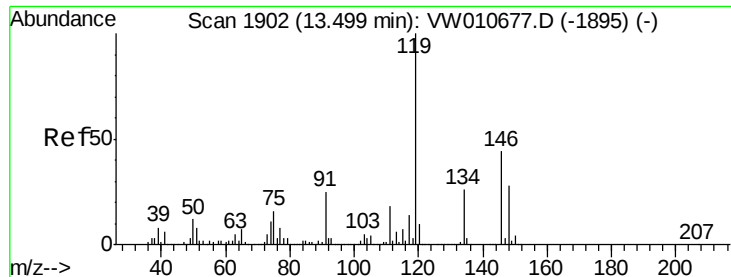
Tot Ion:105 Resp: 33622
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 13.368 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010796.D
 Acq: 13 Jun 2019 14:29

Tgt Ion:105 Resp: 104352
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.5 67.5

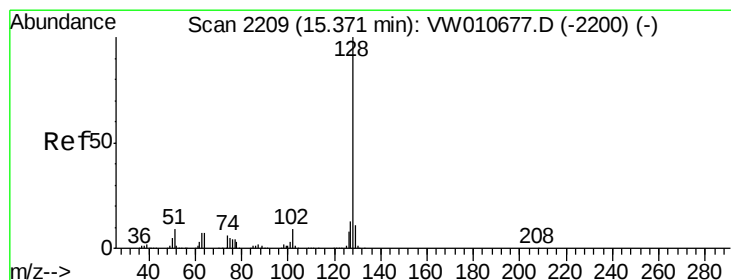
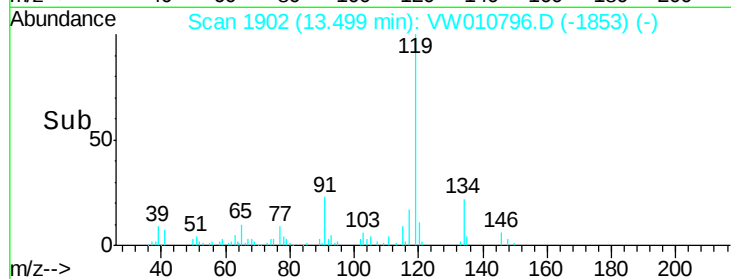
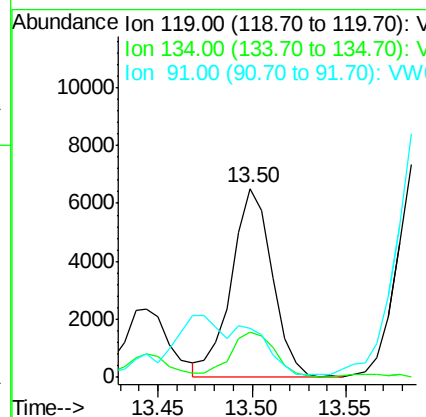
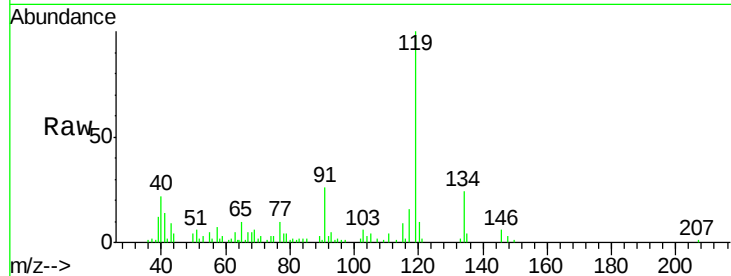




#86
p-Isopropyltoluene
Concen: 1.147 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-007RE

Tot Ion:119 Resp: 9831
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 0.0 12.2 36.4#



#95
Naphthalene
Concen: 4.569 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010796.D
Acq: 13 Jun 2019 14:29

Tgt Ion:128 Resp: 20898
Ion Ratio Lower Upper
128 100
127 14.6 10.6 15.8
129 11.4 8.6 13.0

