

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010696.D
 Acq On : 05 Jun 2019 17:00
 Operator : SY/VA
 Sample : K3172-04
 Misc : 3.81G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-01-005-B

Quant Time: Jun 06 07:58:20 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

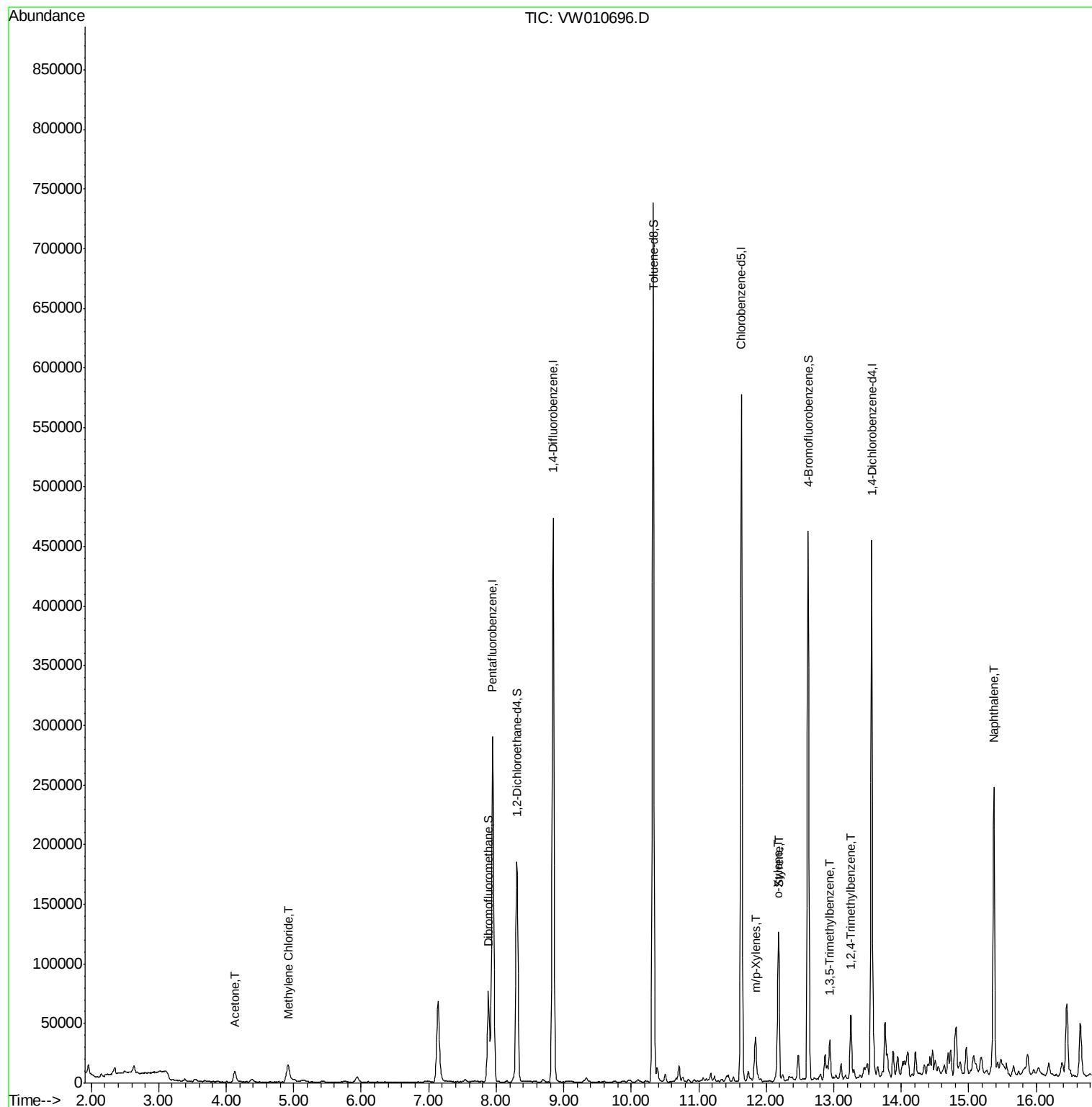
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149334	60.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.22%	
35) Dibromofluoromethane	7.88	113	54682	26.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.92%	
50) Toluene-d8	10.32	98	465955	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	147281	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
16) Acetone	4.12	43	17971	26.996	ug/l	95
20) Methylene Chloride	4.92	84	9894	4.237	ug/l	98
68) m/p-Xylenes	11.84	106	8064	1.973	ug/l	96
69) o-Xylene	12.17	106	4975	1.284	ug/l	97
70) Styrene	12.18	104	53627	7.965	ug/l	92
80) 1,3,5-Trimethylbenzene	12.94	105	9700	1.447	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	28875	4.280	ug/l	97
95) Naphthalene	15.37	128	193494	48.949	ug/l	100

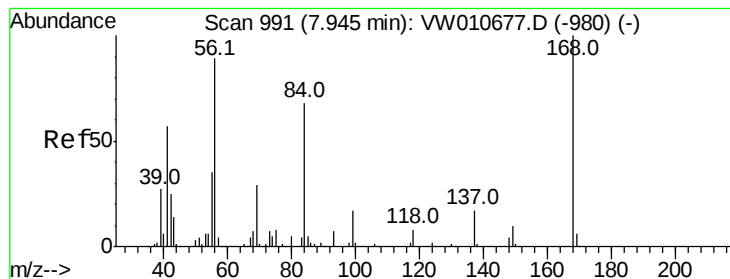
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060519\
Data File : VW010696.D
Acq On : 05 Jun 2019 17:00
Operator : SY/VA
Sample : K3172-04
Misc : 3.81G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

Quant Time: Jun 06 07:58:20 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: VW010696.D

Acq: 05 Jun 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

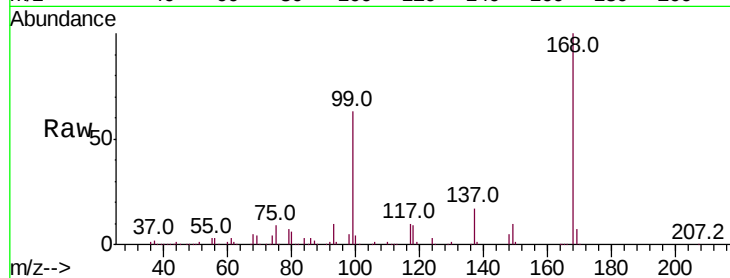
FK-SF-01-005-B

Tot Ion:168 Resp: 210778

Ion Ratio Lower Upper

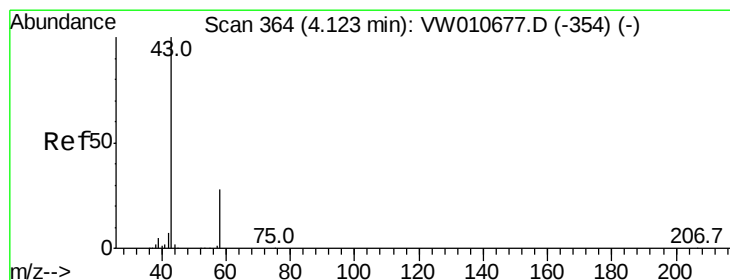
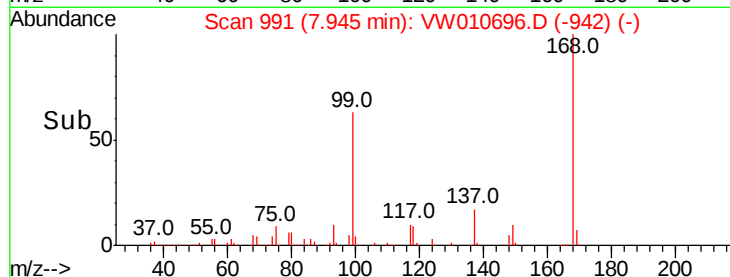
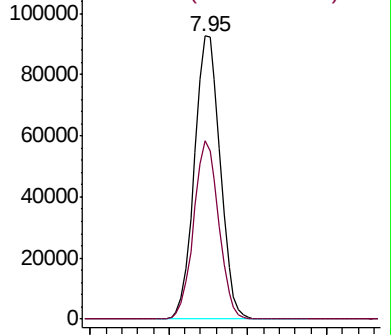
168 100

99 63.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 26.996 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010696.D

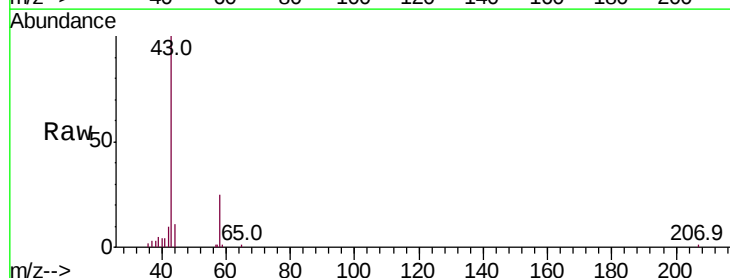
Acq: 05 Jun 2019 17:00

Tgt Ion: 43 Resp: 17971

Ion Ratio Lower Upper

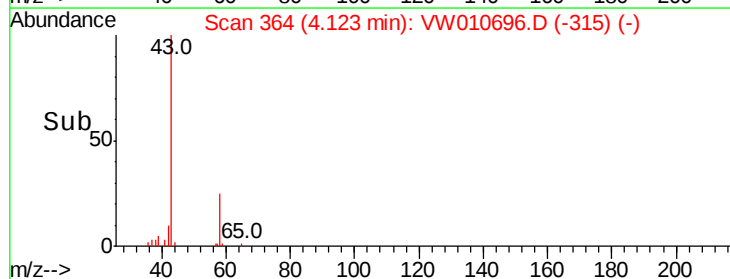
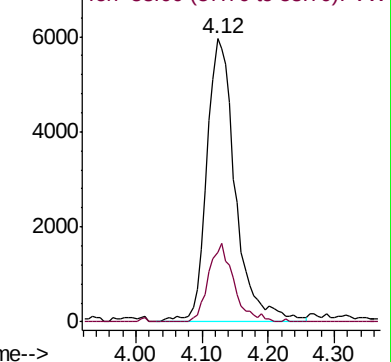
43 100

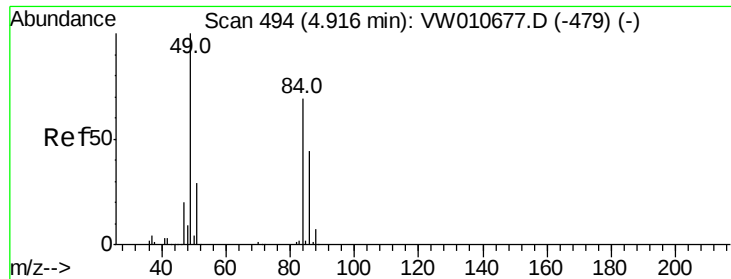
58 24.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

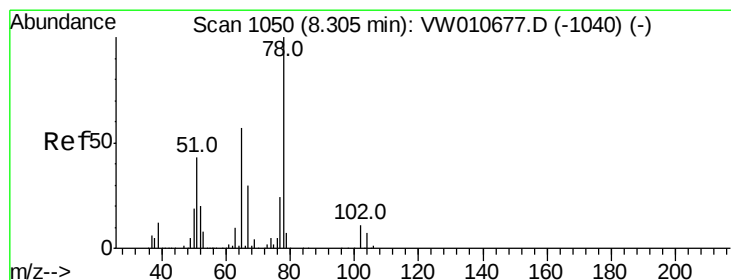
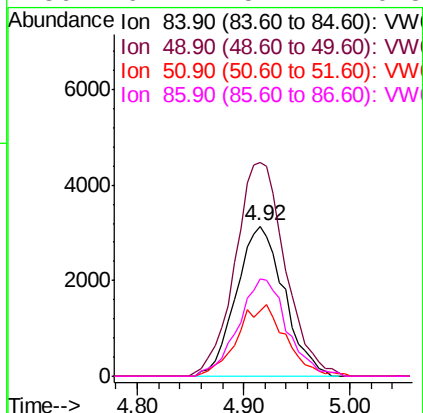
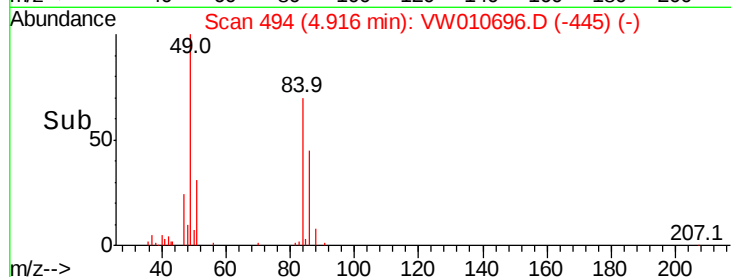
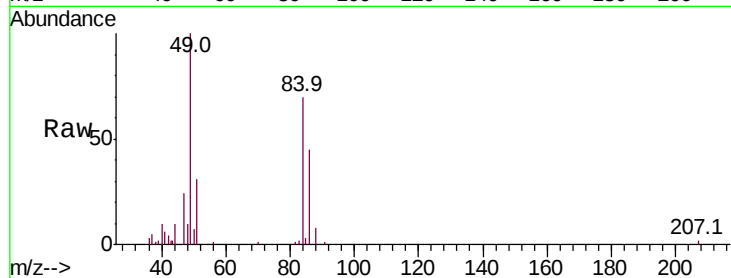




#20
Methvlene Chloride
Concen: 4.237 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

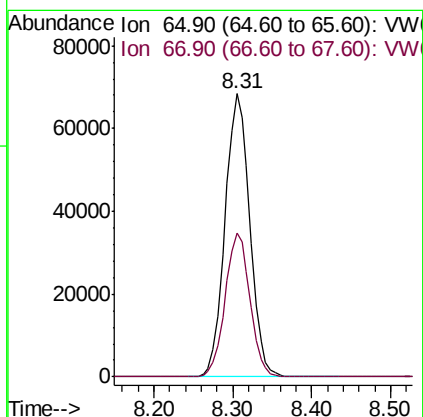
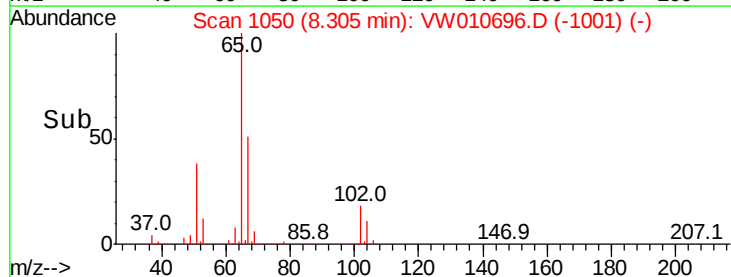
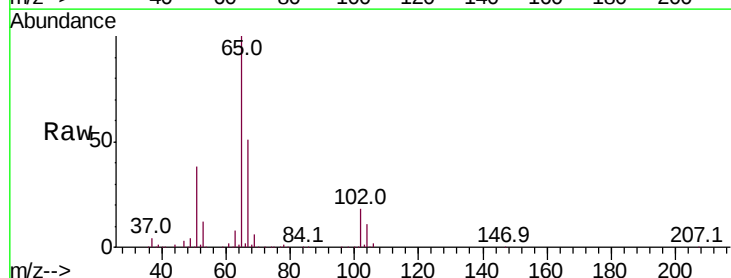
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

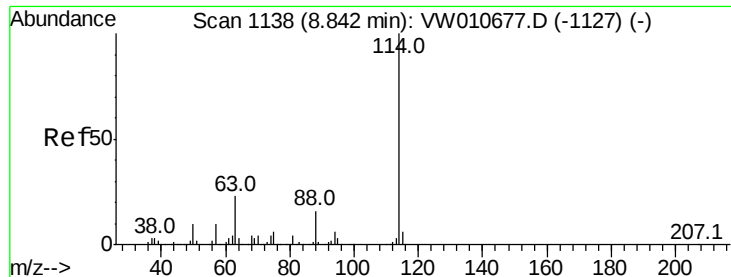
Tot Ion: 84 Resp: 9894
Ion Ratio Lower Upper
84 100
49 142.4 116.7 175.1
51 43.8 34.2 51.2
86 64.7 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 60.109 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Tgt Ion: 65 Resp: 149334
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6

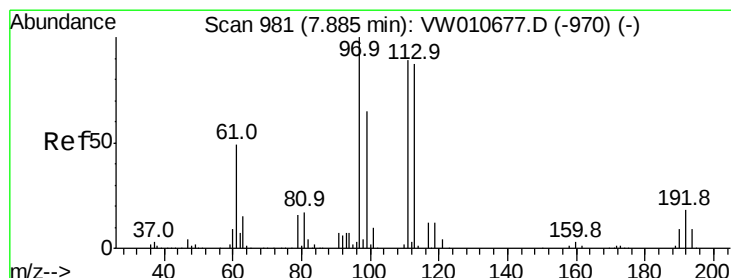
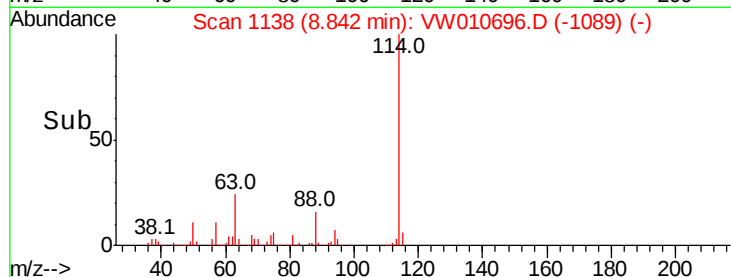
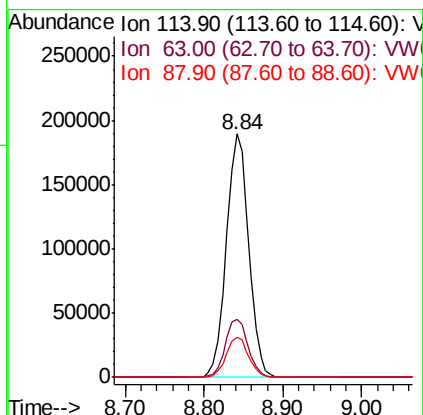
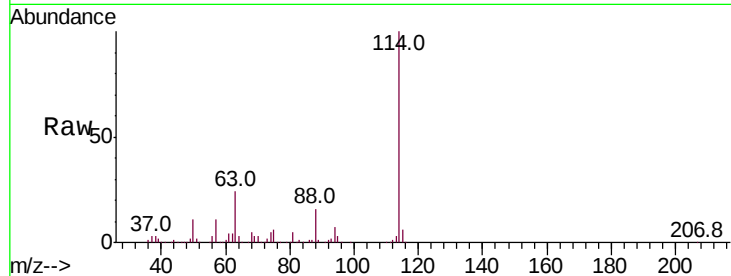




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

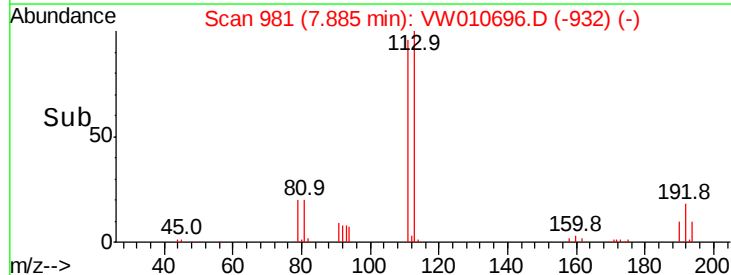
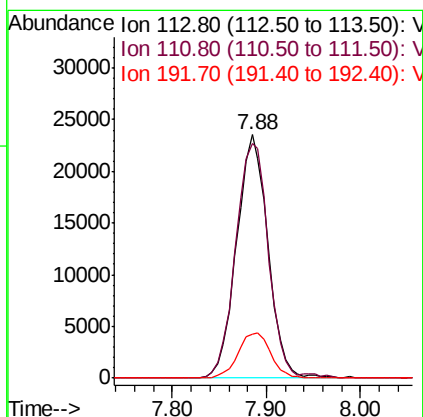
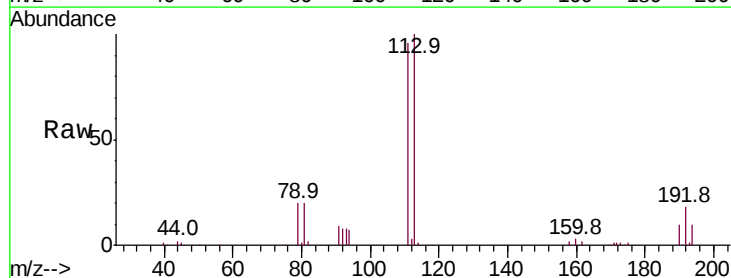
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

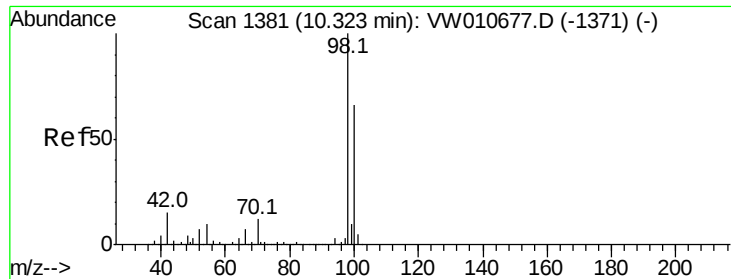
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	46.4
88	16.3	0.0	32.2



#35
Dibromofluoromethane
Concen: 26.965 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	123.8
192	19.3	16.4	24.6

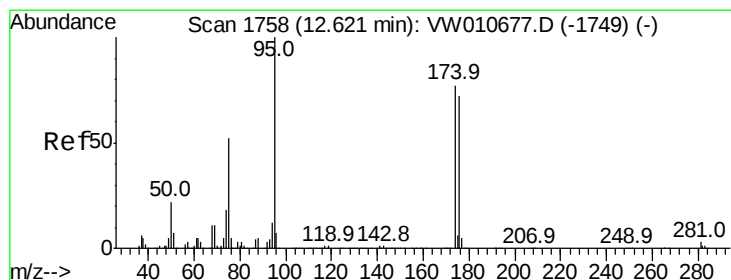
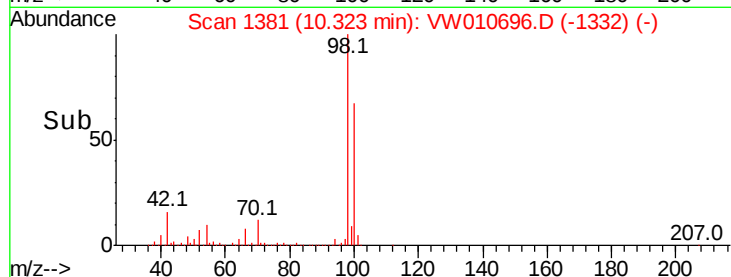
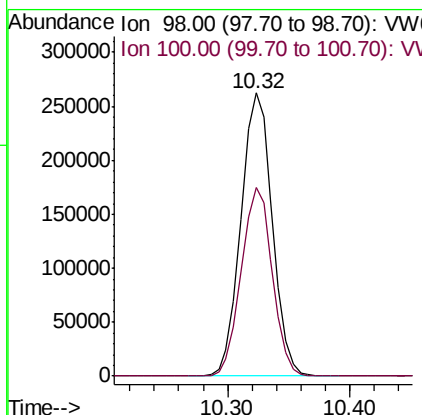
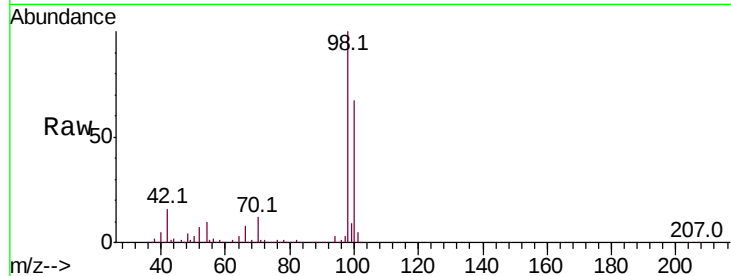




#50
Toluene-d8
Concen: 52.398 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

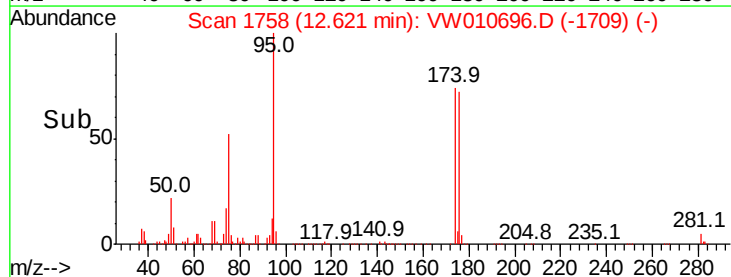
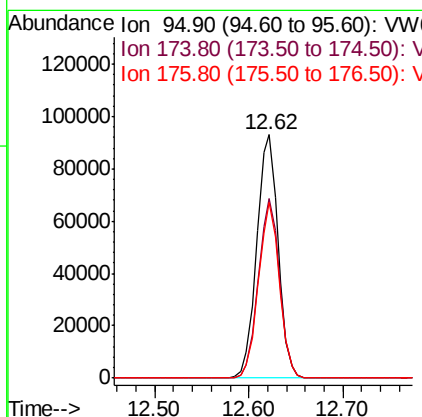
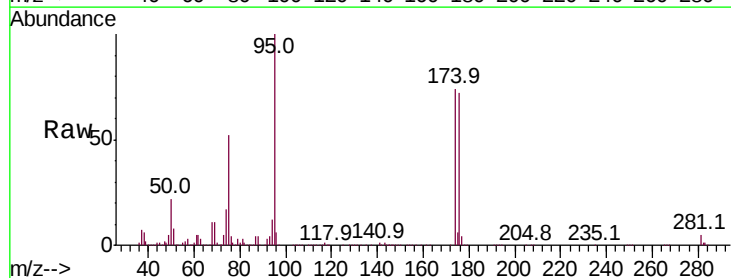
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

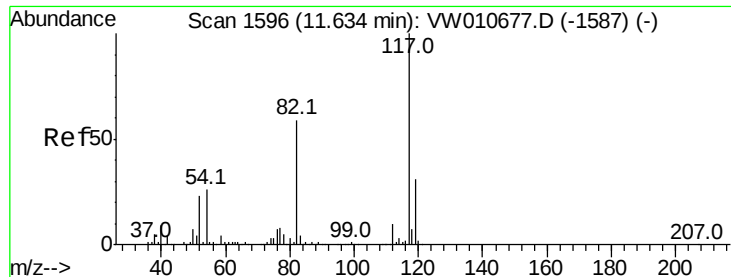
Tot Ion: 98 Resp: 465955
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.515 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Tgt Ion: 95 Resp: 147281
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.4
176 70.9 0.0 144.8

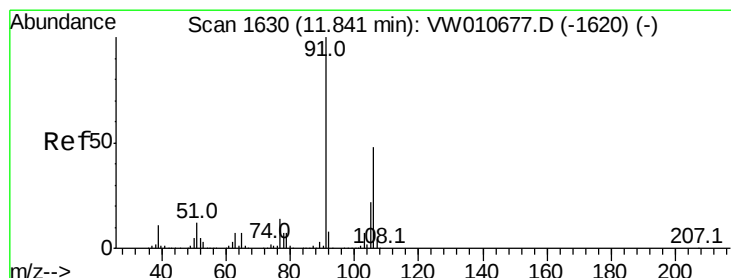
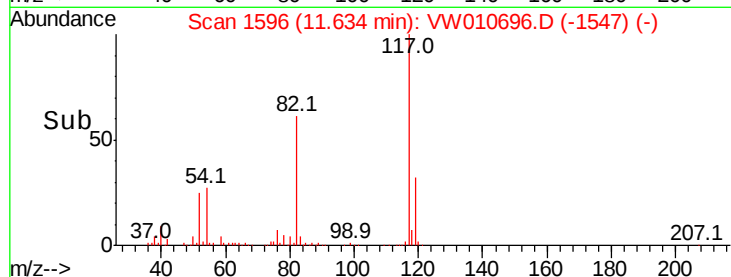
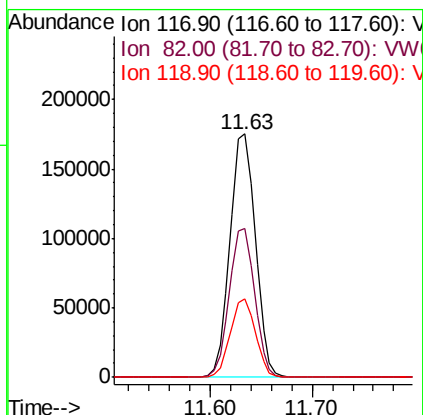
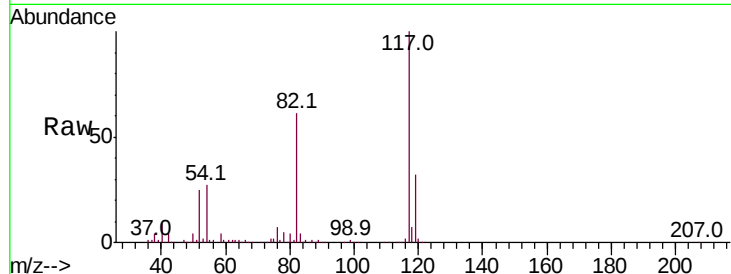




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

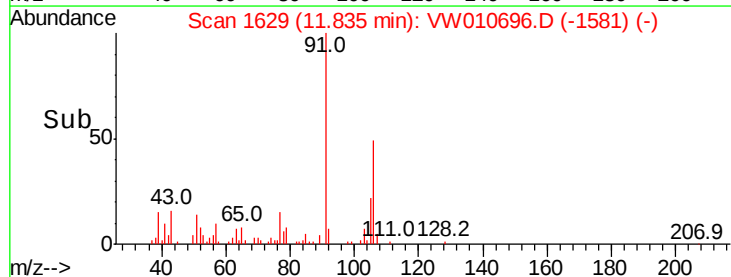
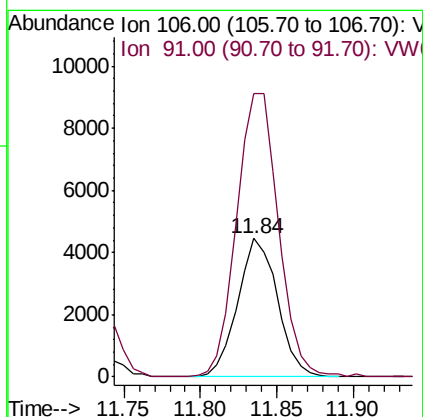
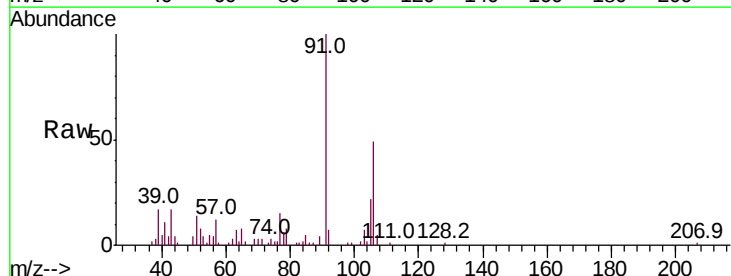
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

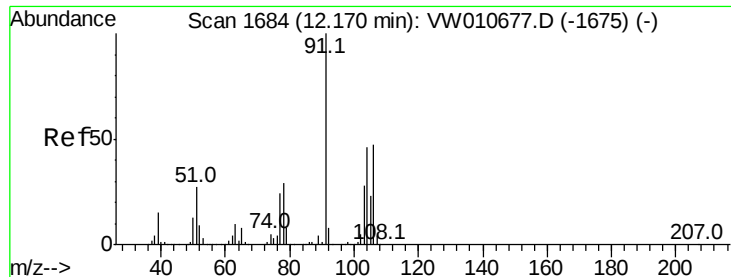
Tot Ion:117 Resp: 302076
Ion Ratio Lower Upper
117 100
82 61.1 47.0 70.4
119 32.5 25.1 37.7



#68
m/p-Xylenes
Concen: 1.973 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Tgt Ion:106 Resp: 8064
Ion Ratio Lower Upper
106 100
91 215.0 166.5 249.7

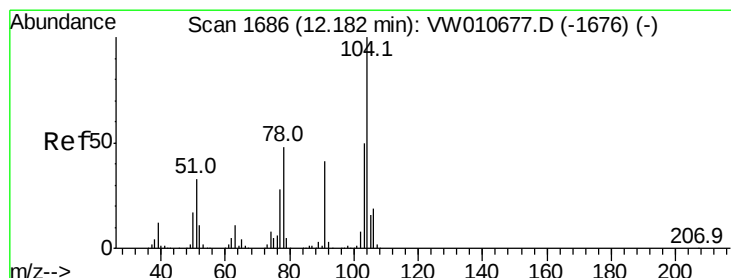
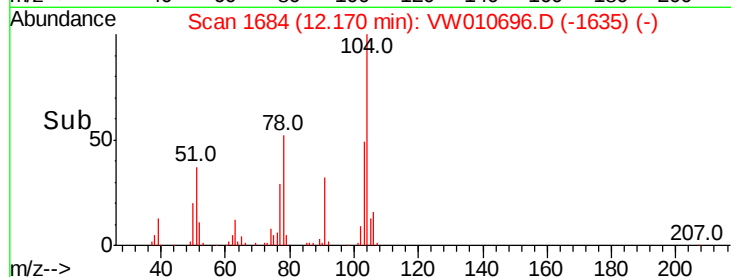
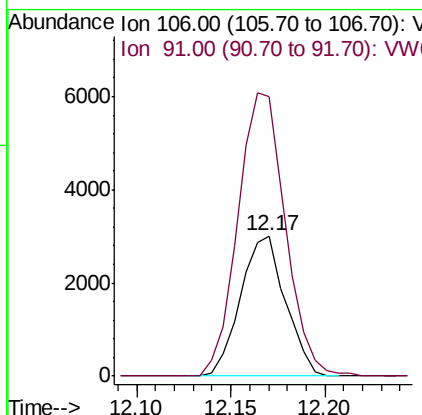
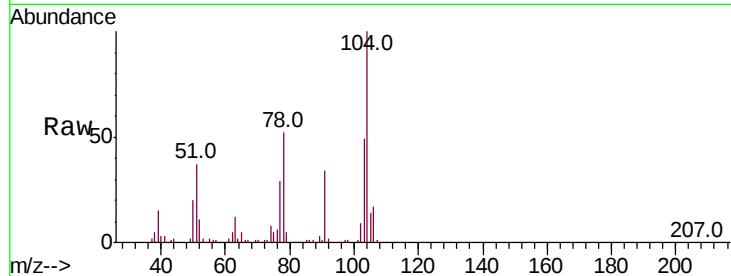




#69
o-Xylene
Concen: 1.284 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

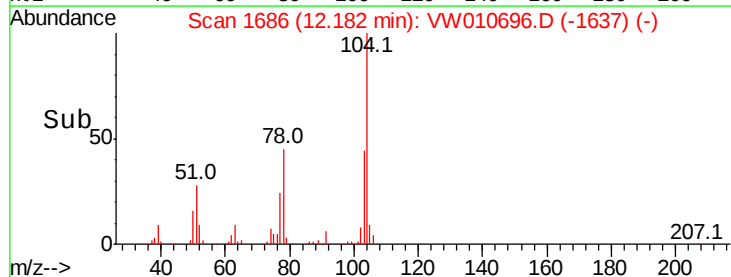
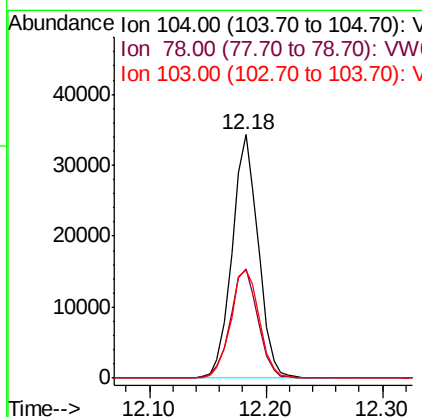
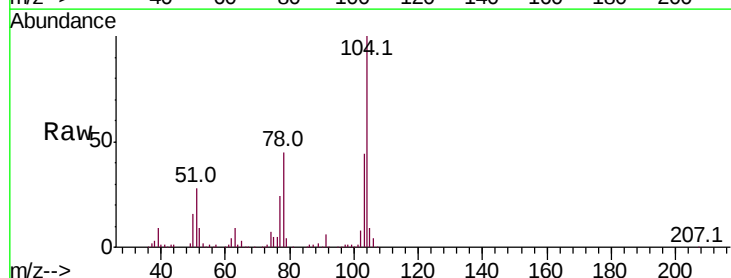
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

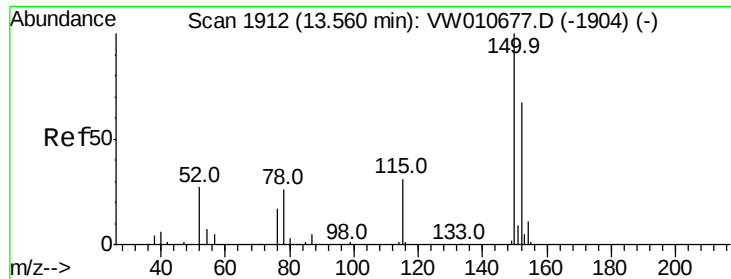
Tot Ion:106 Resp: 4975
Ion Ratio Lower Upper
106 100
91 212.9 108.9 326.6



#70
Styrene
Concen: 7.965 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Tgt Ion:104 Resp: 53627
Ion Ratio Lower Upper
104 100
78 47.2 42.7 64.1
103 48.5 43.6 65.4



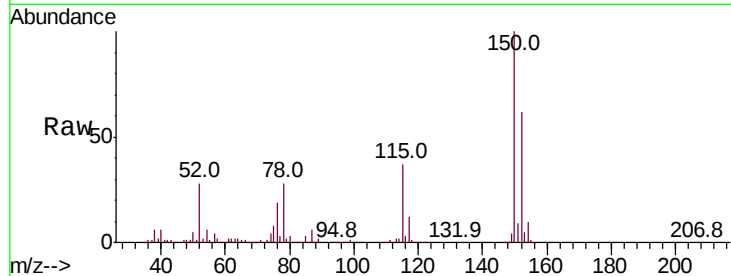


#72

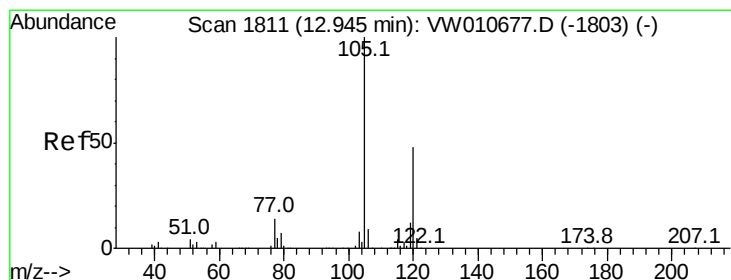
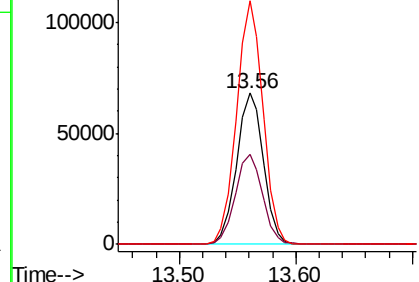
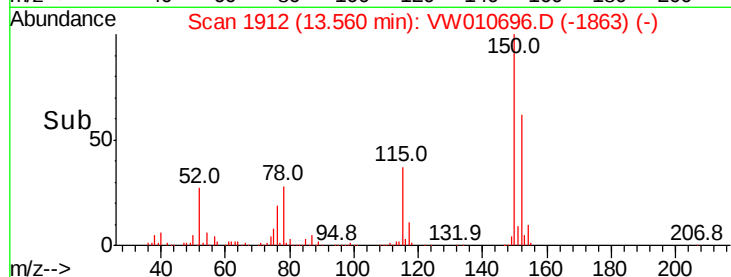
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

Tot Ion:152 Resp: 108987
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.3 0.0 345.0



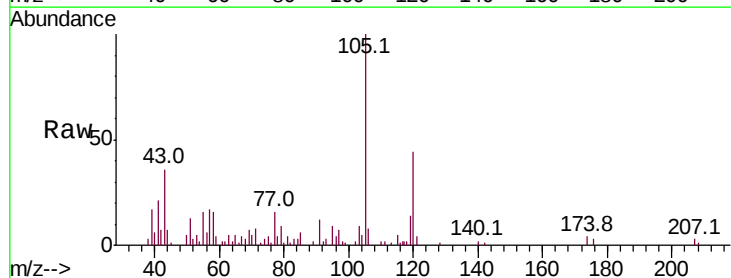
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



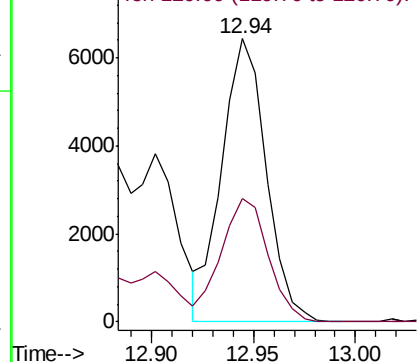
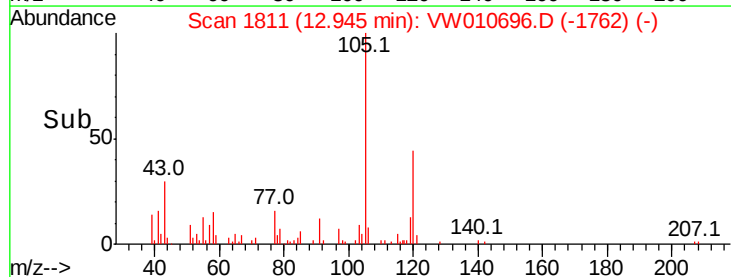
#80

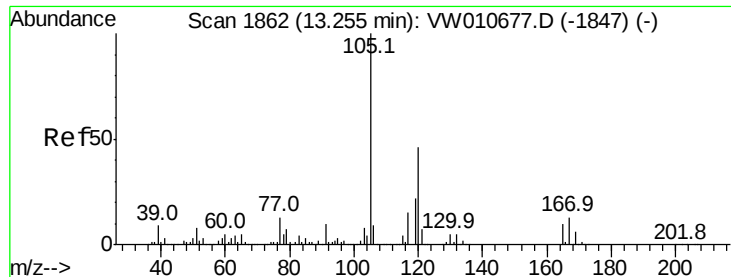
1,3,5-Trimethylbenzene
Concen: 1.447 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW010696.D
Acq: 05 Jun 2019 17:00

Tgt Ion:105 Resp: 9700
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

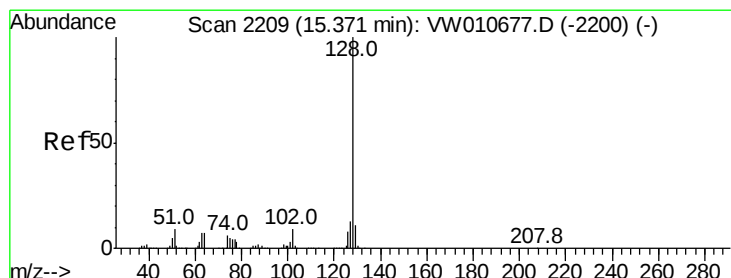
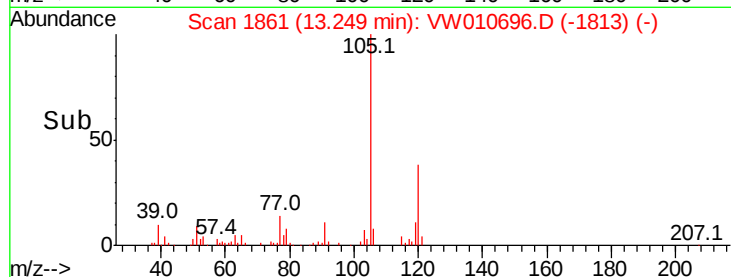
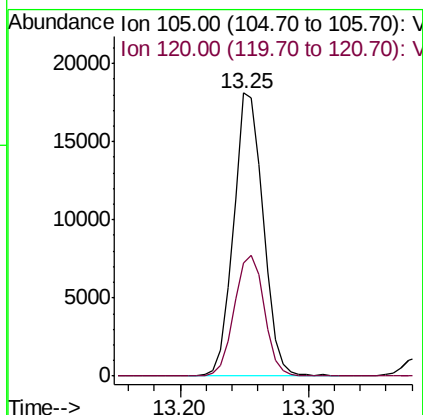
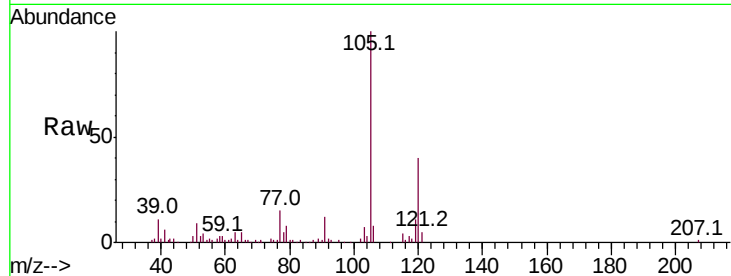




#84
 1,2,4-Trimethylbenzene
 Concen: 4.280 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW010696.D
 Acq: 05 Jun 2019 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-01-005-B

Tot Ion:105 Resp: 28875
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.5 67.5



#95
 Naphthalene
 Concen: 48.949 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW010696.D
 Acq: 05 Jun 2019 17:00

Tgt Ion:128 Resp: 193494
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.6 15.8
 129 11.1 8.6 13.0

