

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010692.D
 Acq On : 05 Jun 2019 15:10
 Operator : SY/VA
 Sample : K3171-04RE
 Misc : 3.82G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-008-BRE

Quant Time: Jun 06 07:51:37 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	206510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102545	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	148127	60.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.72%	
35) Dibromofluoromethane	7.88	113	65152	32.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.72%	
50) Toluene-d8	10.32	98	461665	53.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	140639	44.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.90%	

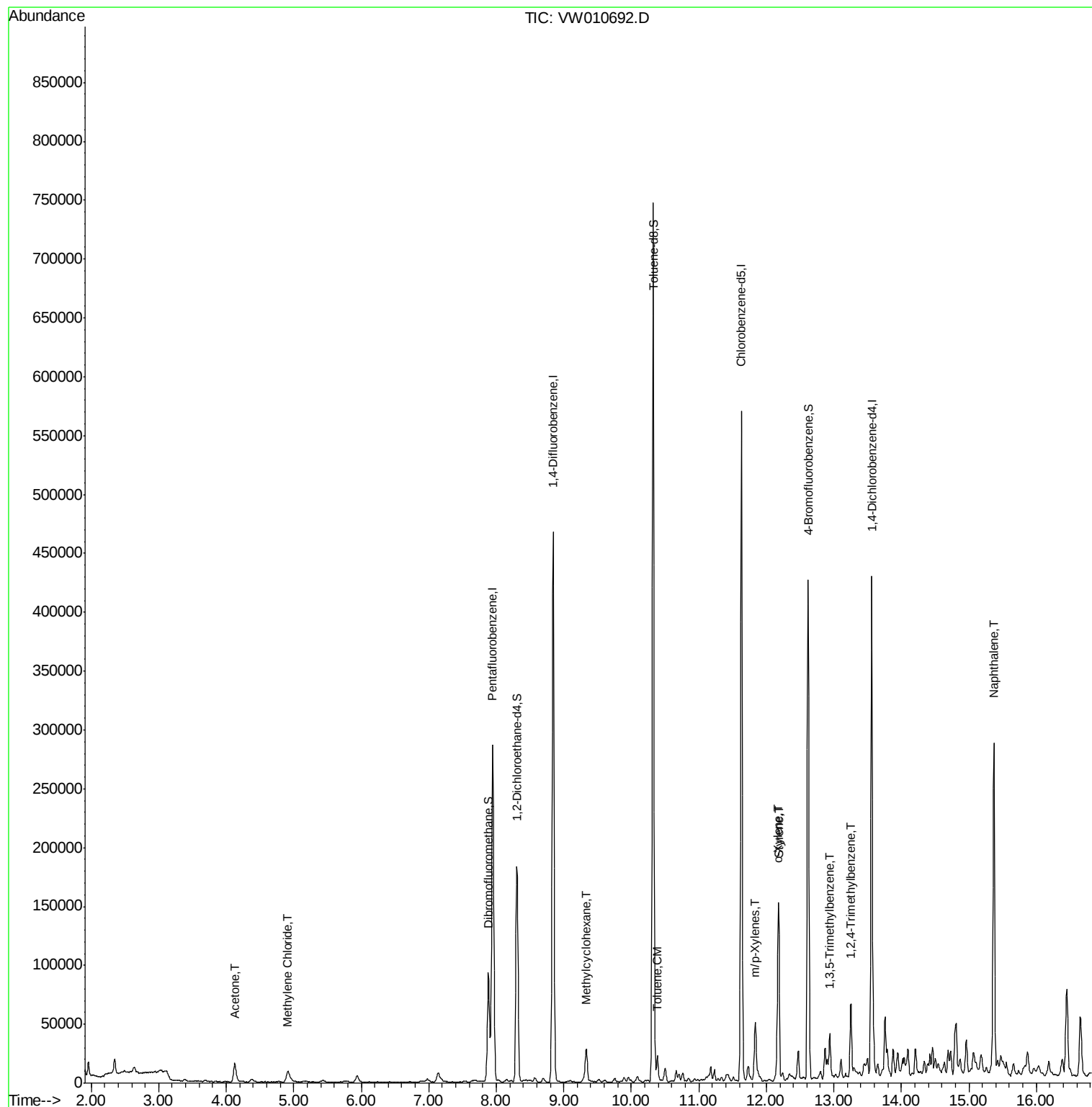
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	28986	44.443	ug/l	94
20) Methylene Chloride	4.91	84	5899	2.578	ug/l	93
39) Methylcyclohexane	9.34	83	10566	2.223	ug/l	98
52) Toluene	10.39	92	8586	1.368	ug/l	98
68) m/p-Xylenes	11.83	106	12376	3.107	ug/l	100
69) o-Xylene	12.17	106	7752	2.052	ug/l	99
70) Styrene	12.18	104	65385	9.962	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	12157	1.927	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	33035	5.205	ug/l	100
95) Naphthalene	15.37	128	229086	61.593	ug/l	99

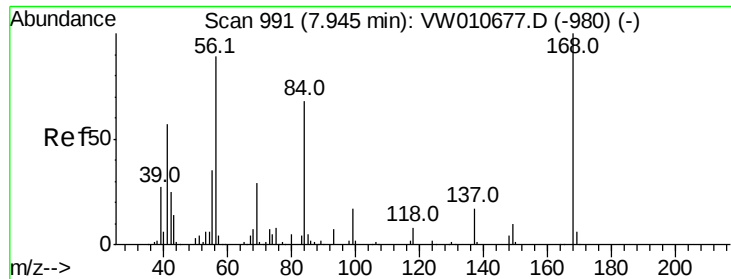
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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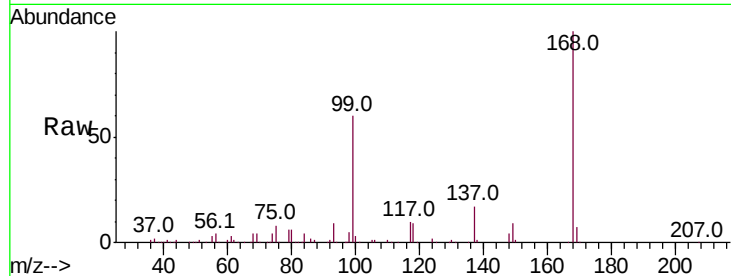


#1

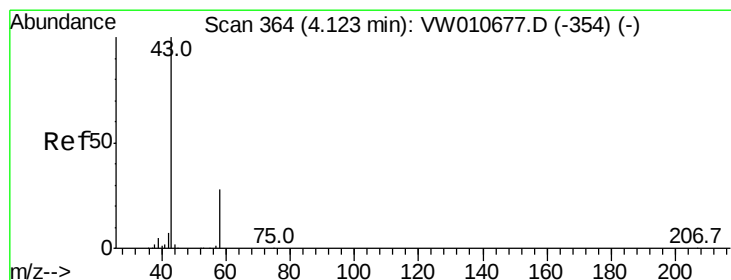
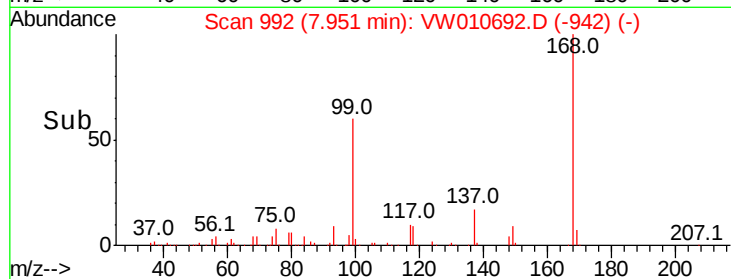
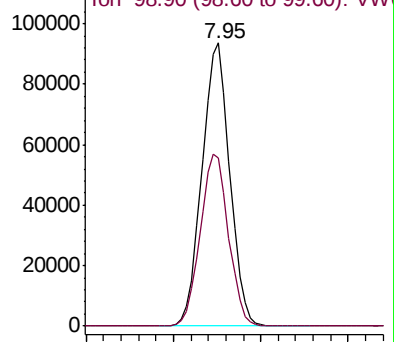
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VW010692.D
 Acq: 05 Jun 2019 15:10

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-008-BRE

Tot Ion:168 Resp: 206510
 Ion Ratio Lower Upper
 168 100
 99 59.6 47.7 71.5



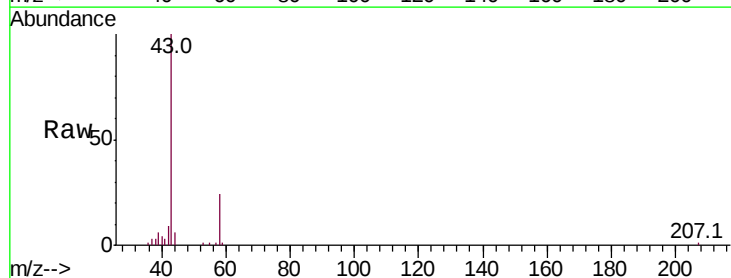
Abundance Ion 167.90 (167.60 to 168.60): V



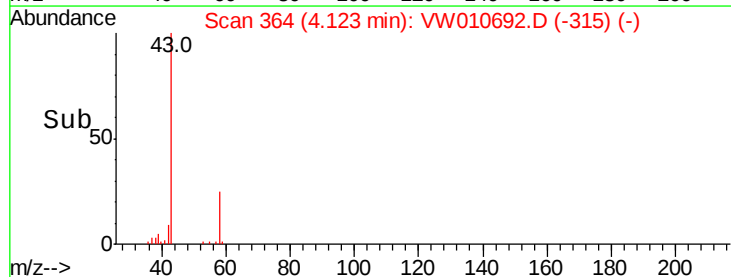
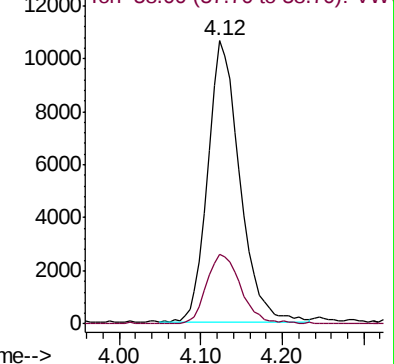
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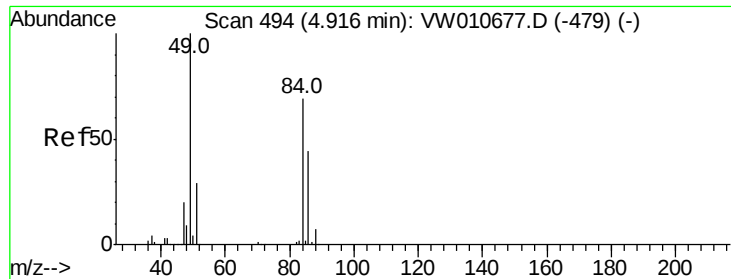
Acetone
 Concen: 44.443 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010692.D
 Acq: 05 Jun 2019 15:10

Tgt Ion: 43 Resp: 28986
 Ion Ratio Lower Upper
 43 100
 58 24.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

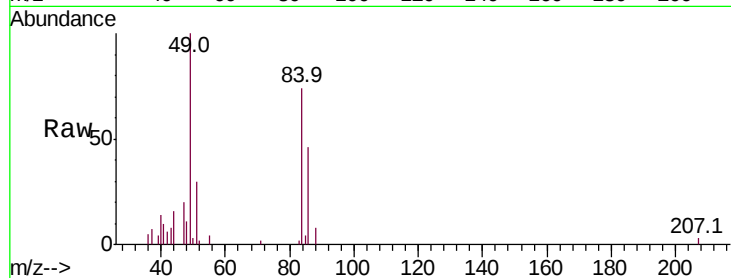




#20
Methvlene Chloride
Concen: 2.578 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-BRE

Tot Ion:	84	Resp:	5899
Ion	Ratio	Lower	Upper
84	100		
49	133.1	116.7	175.1
51	41.4	34.2	51.2
86	62.8	51.2	76.8



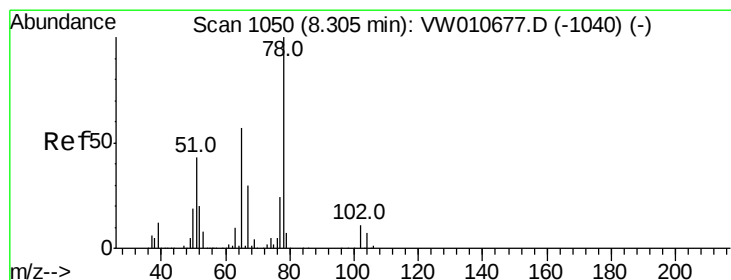
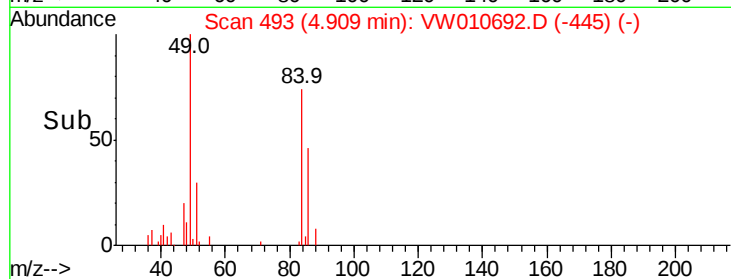
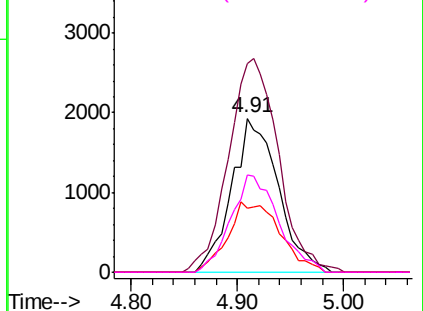
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

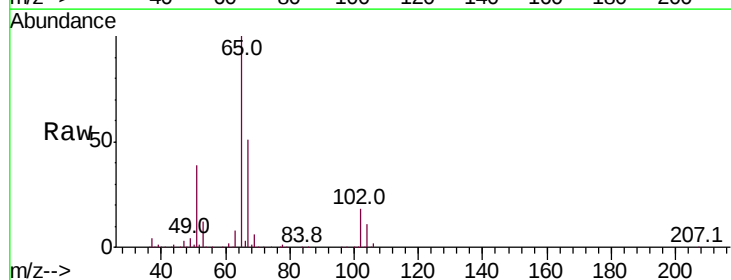
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 60.856 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

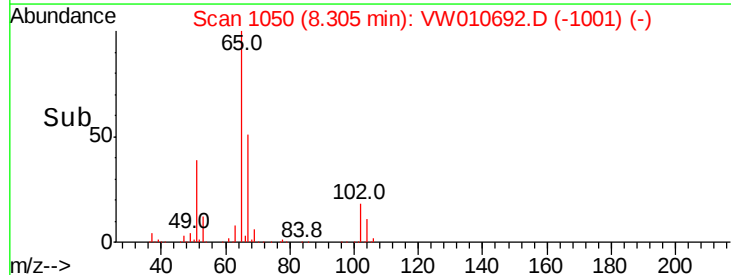
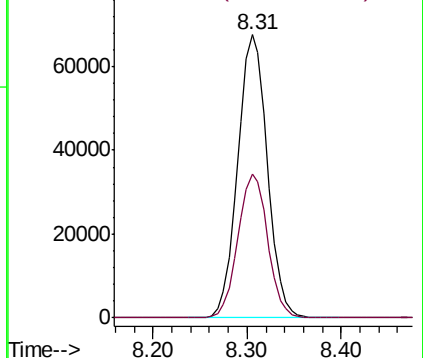
Tgt Ion:	65	Resp:	148127
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

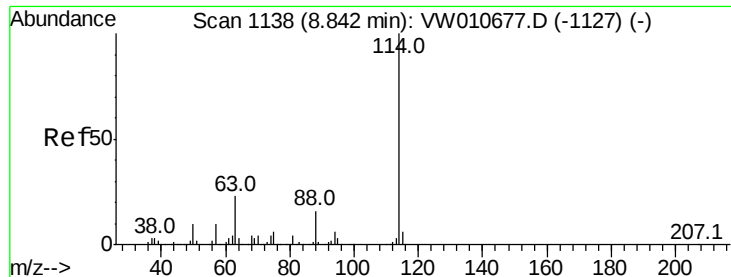


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

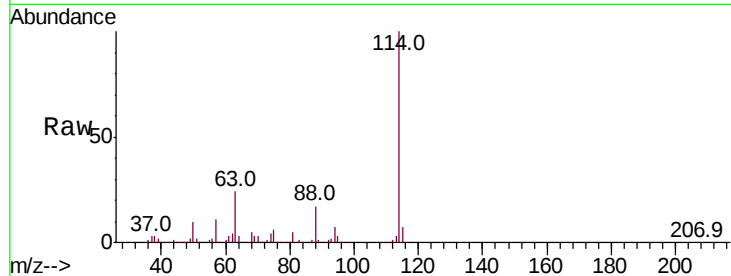




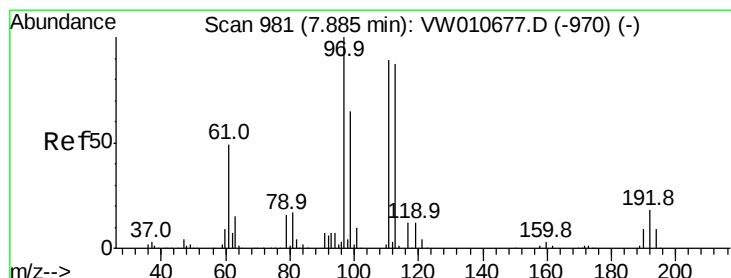
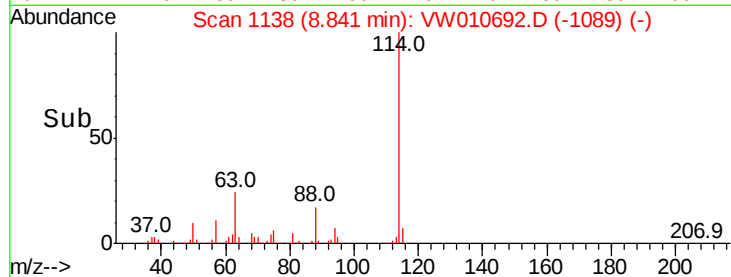
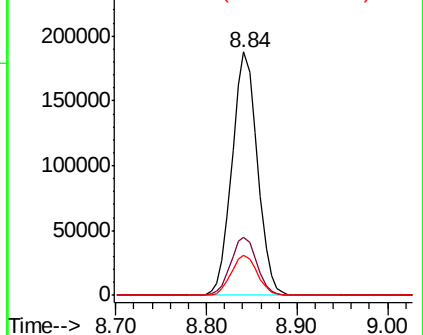
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-BRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	46.4
88	16.6	0.0	32.2

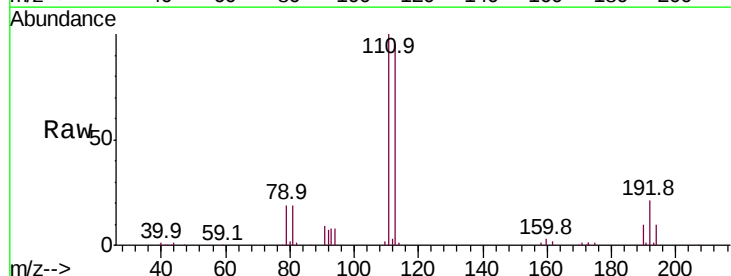


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

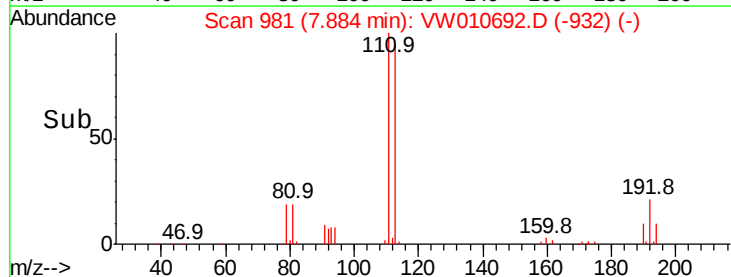
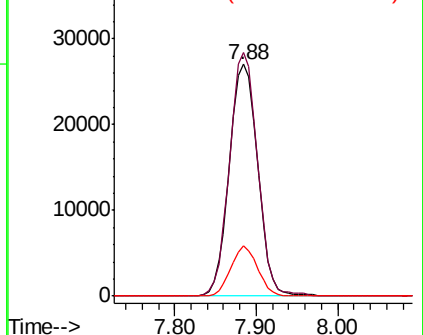


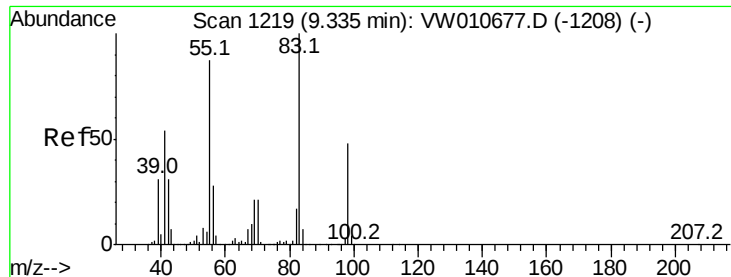
#35
Dibromofluoromethane
Concen: 32.861 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	20.2	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

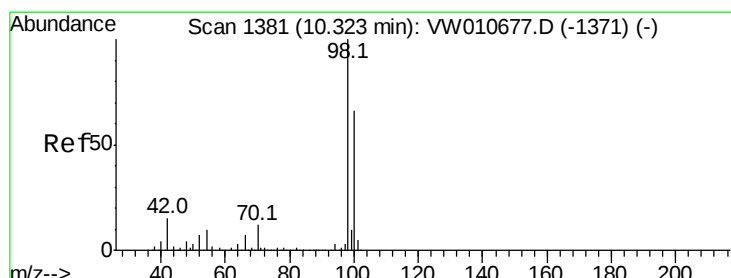
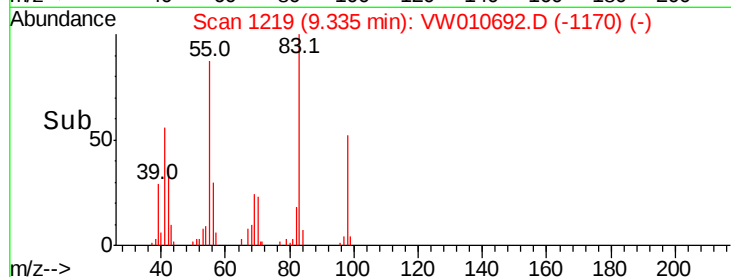
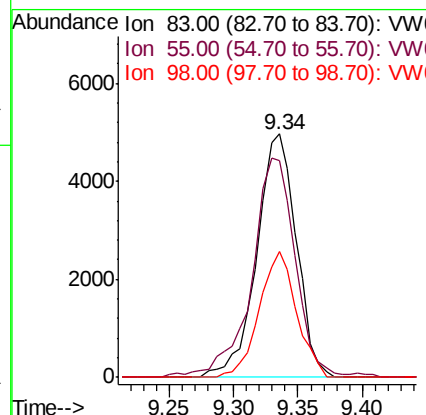
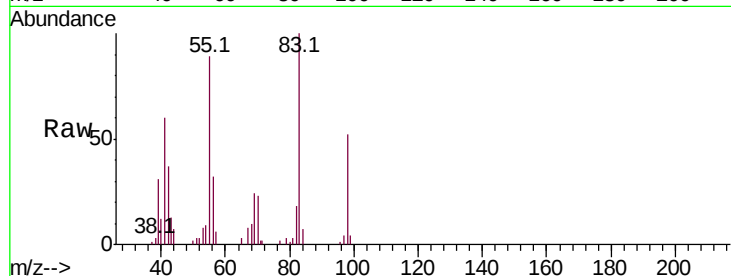




#39
Methvlcvclohexane
Concen: 2.223 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

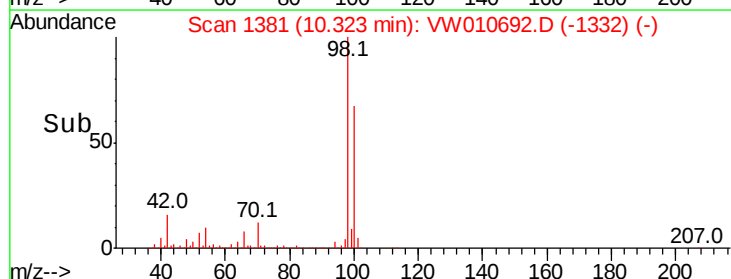
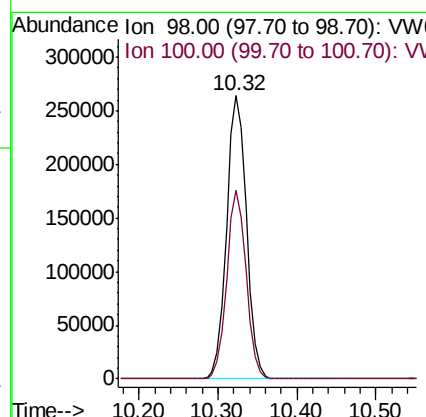
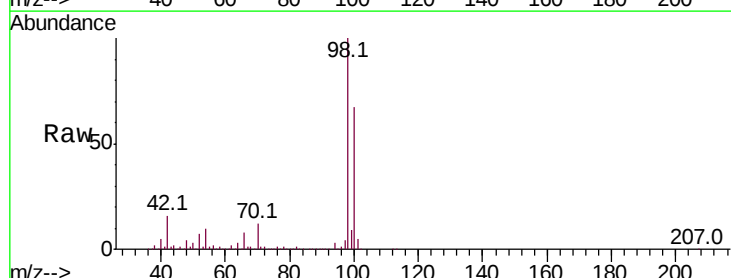
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-BRE

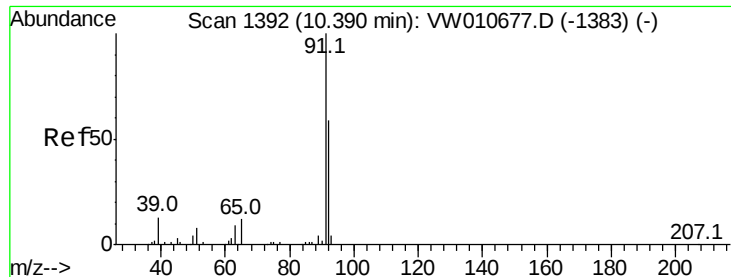
Tot Ion: 83 Resp: 10566
Ion Ratio Lower Upper
83 100
55 87.4 70.0 105.0
98 51.5 38.1 57.1



#50
Toluene-d8
Concen: 53.101 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

Tgt Ion: 98 Resp: 461665
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.6





#52

Toluene

Concen: 1.368 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010692.D

Acq: 05 Jun 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

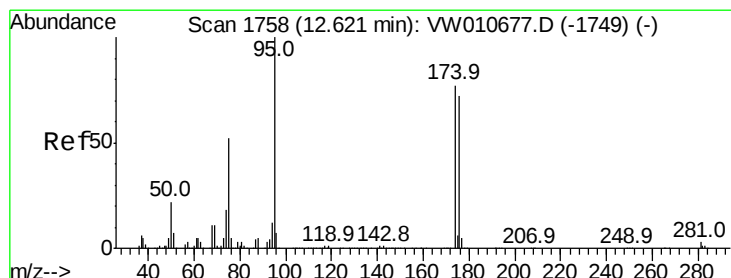
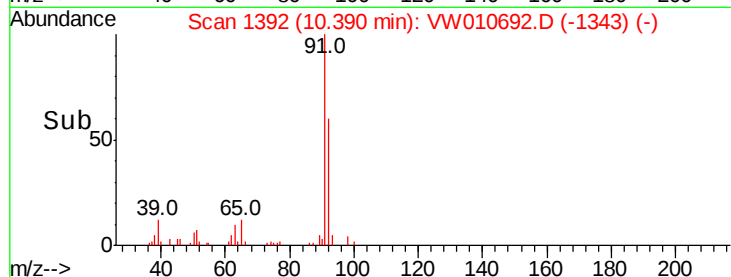
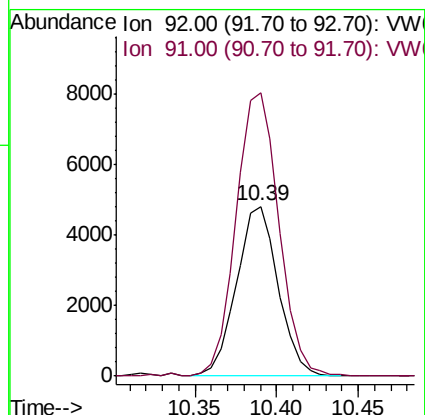
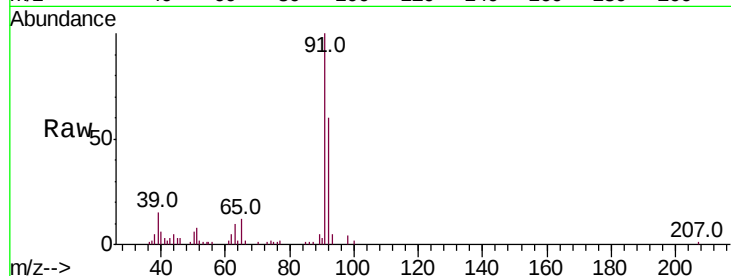
FK-SF-03-008-BRE

Tot Ion: 92 Resp: 8586

Ion Ratio Lower Upper

92 100

91 170.8 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 44.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010692.D

Acq: 05 Jun 2019 15:10

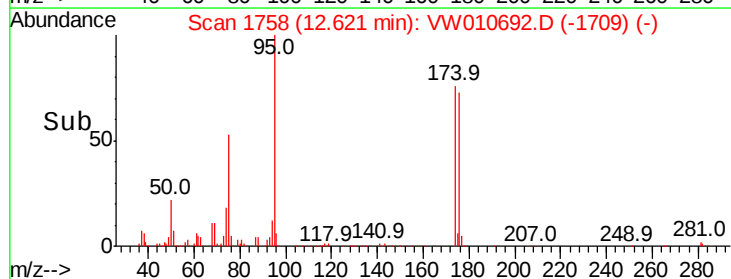
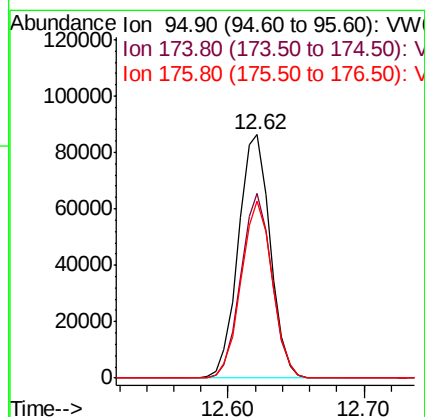
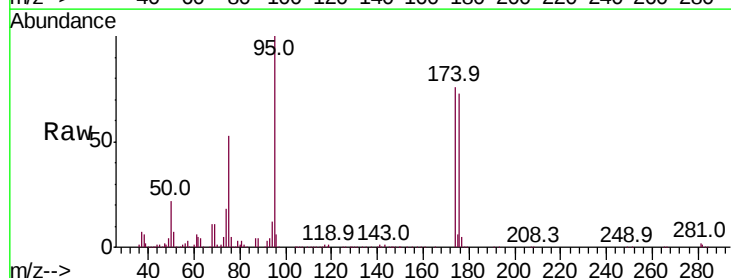
Tgt Ion: 95 Resp: 140639

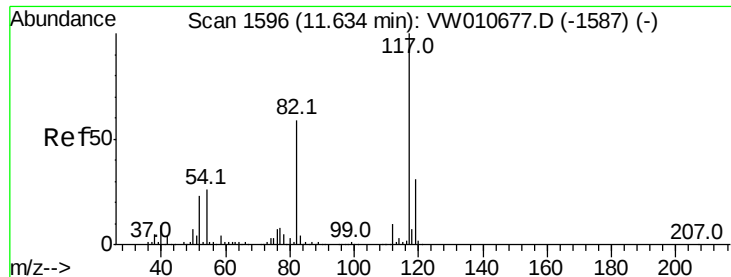
Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

176 71.5 0.0 144.8

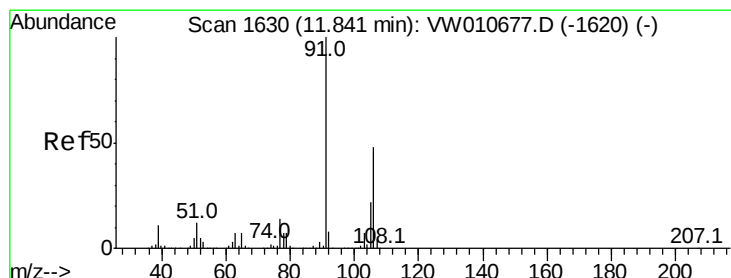
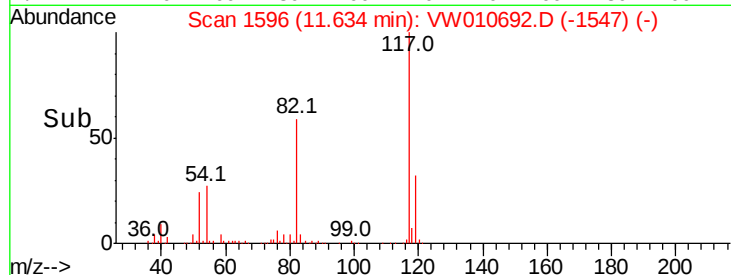
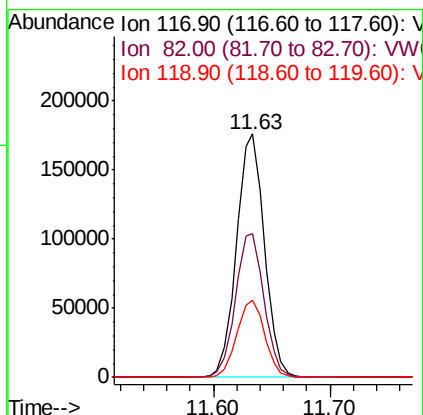
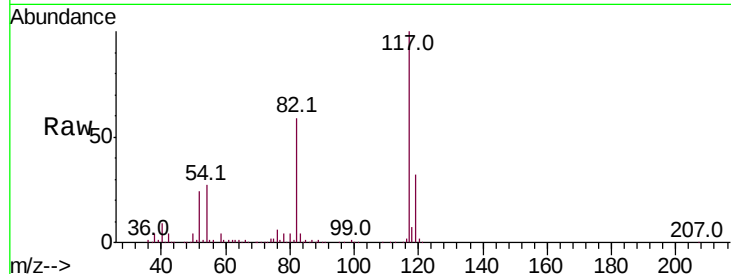




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

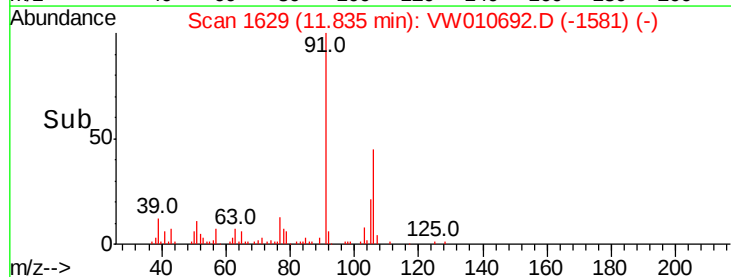
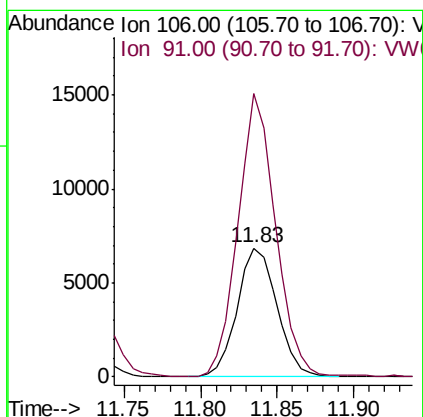
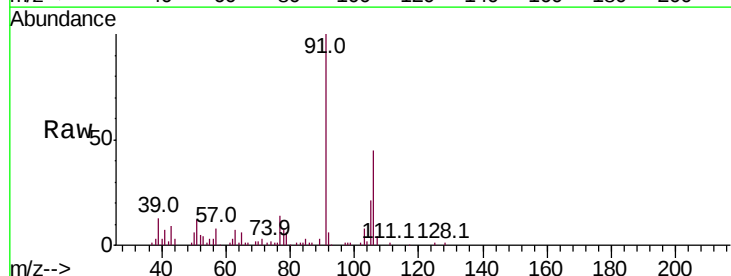
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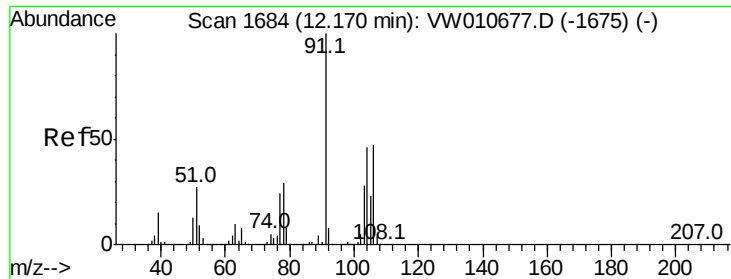
Tot Ion:117 Resp: 294471
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.4
119 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 3.107 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

Tgt Ion:106 Resp: 12376
Ion Ratio Lower Upper
106 100
91 207.6 166.5 249.7

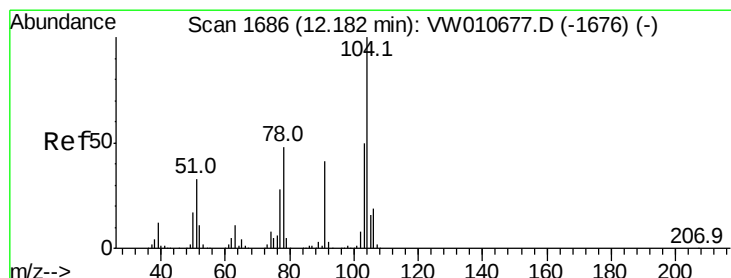
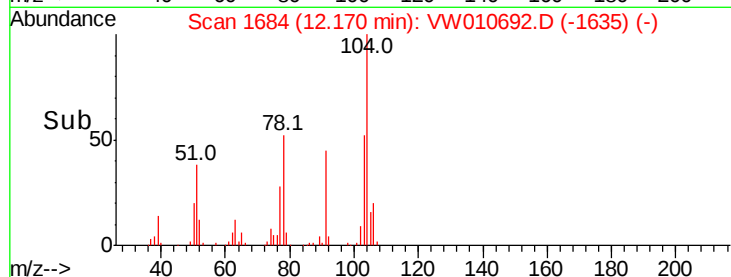
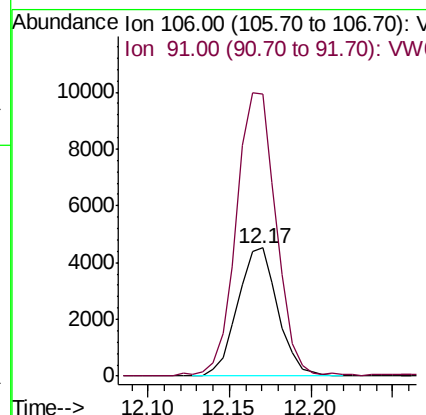
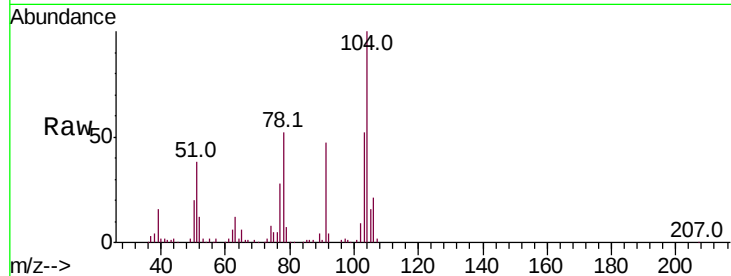




#69
o-Xylene
Concen: 2.052 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

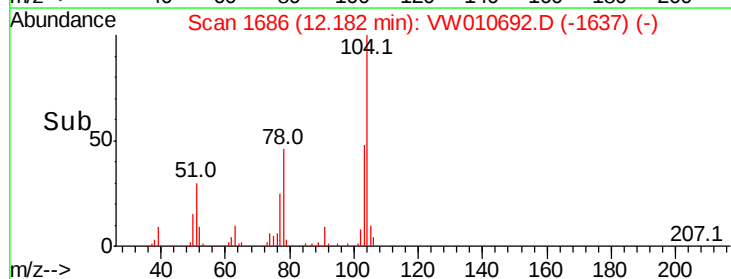
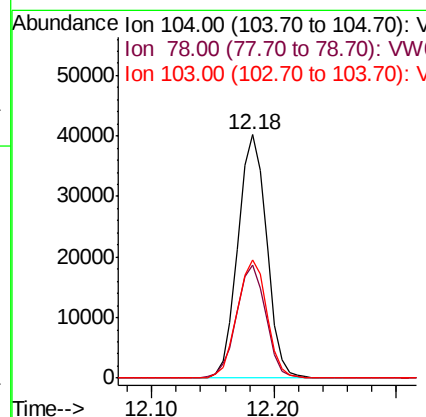
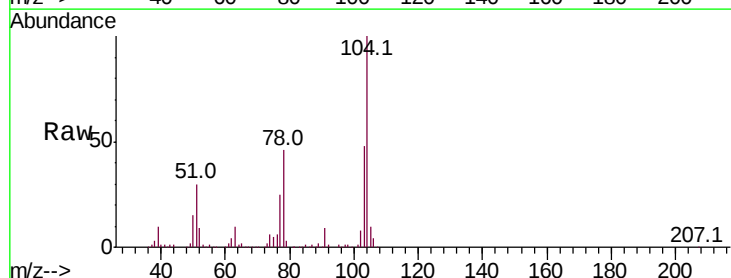
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-BRE

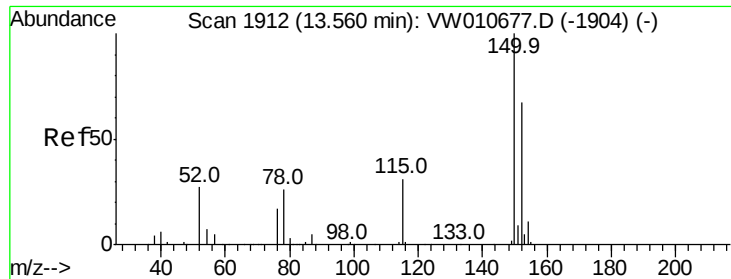
Tot Ion:106 Resp: 7752
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.6



#70
Styrene
Concen: 9.962 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010692.D
Acq: 05 Jun 2019 15:10

Tgt Ion:104 Resp: 65385
Ion Ratio Lower Upper
104 100
78 47.3 42.7 64.1
103 50.0 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: VW010692.D

Acq: 05 Jun 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-03-008-BRE

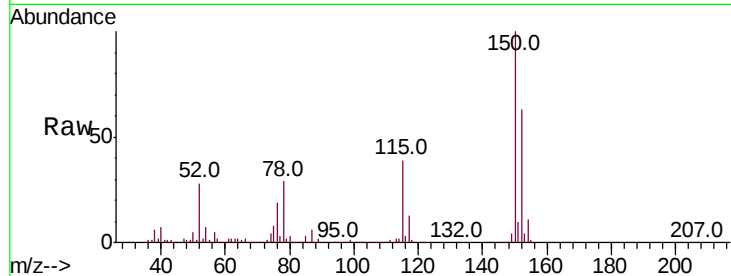
Tot Ion:152 Resp: 102545

Ion Ratio Lower Upper

152 100

115 60.6 29.8 89.3

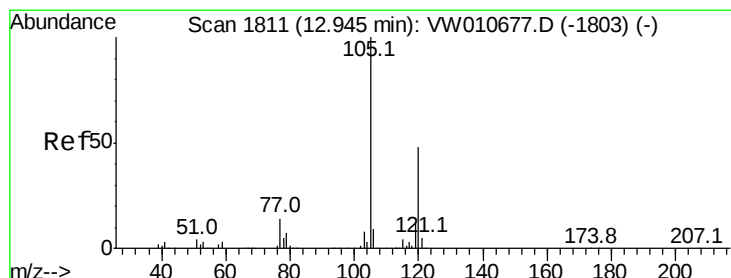
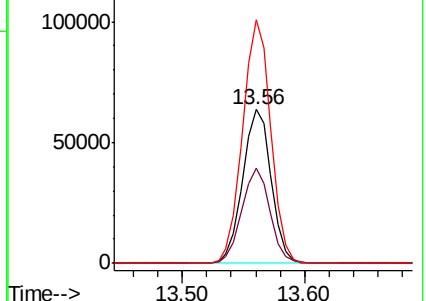
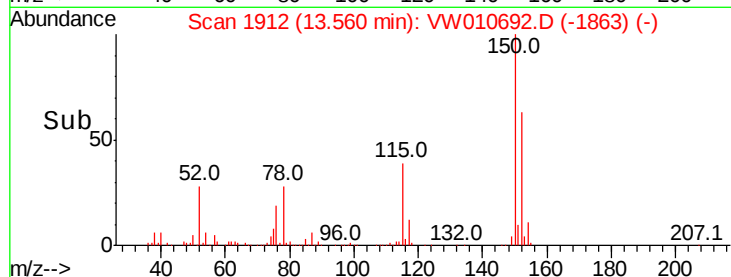
150 156.5 0.0 345.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.927 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010692.D

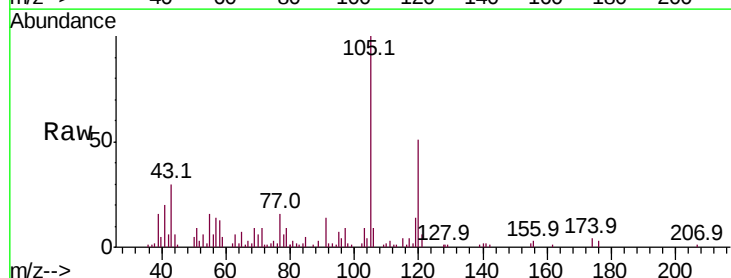
Acq: 05 Jun 2019 15:10

Tgt Ion:105 Resp: 12157

Ion Ratio Lower Upper

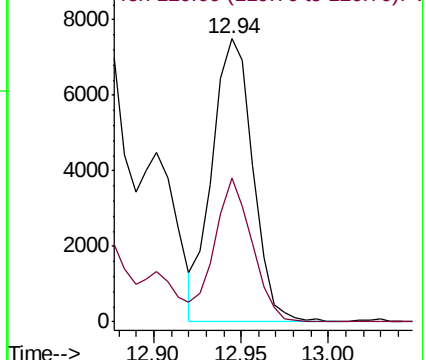
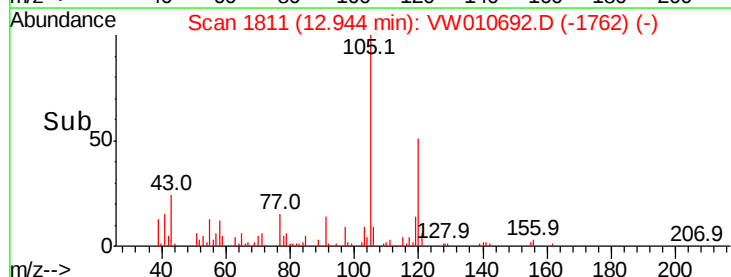
105 100

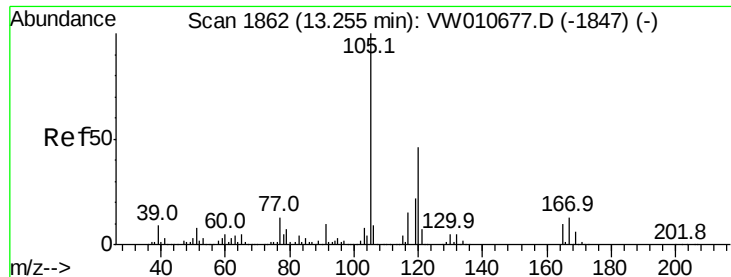
120 46.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

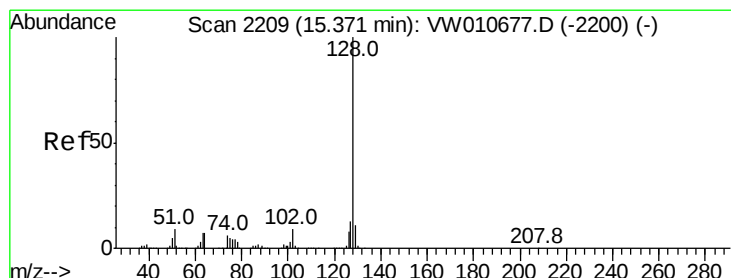
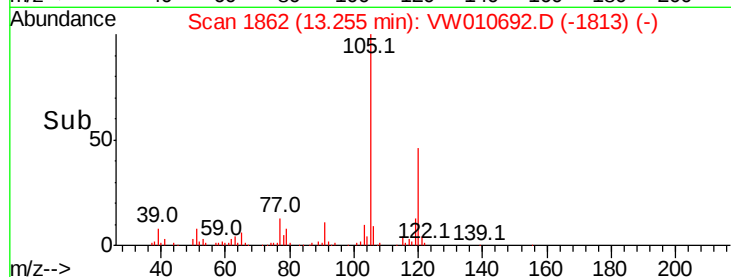
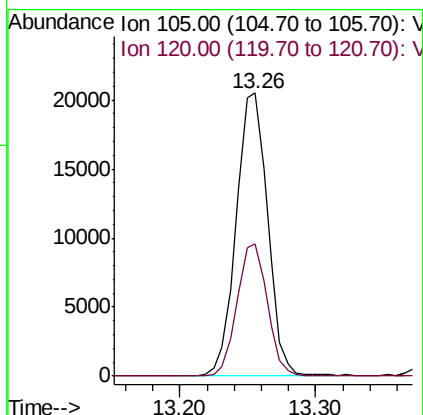
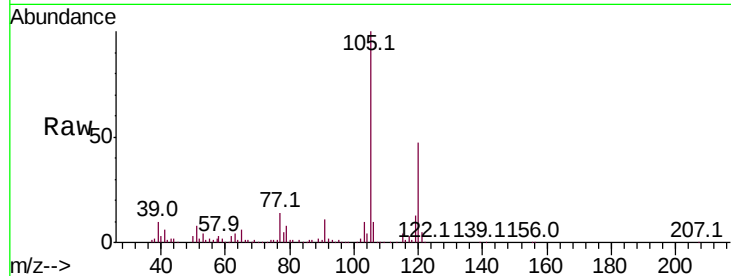




#84
 1,2,4-Trimethylbenzene
 Concen: 5.205 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010692.D
 Acq: 05 Jun 2019 15:10

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-008-BRE

Tot Ion:105 Resp: 33035
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5



#95
 Naphthalene
 Concen: 61.593 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010692.D
 Acq: 05 Jun 2019 15:10

Tgt Ion:128 Resp: 229086
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.6 15.8
 129 10.9 8.6 13.0

