

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010666.D
 Acq On : 03 Jun 2019 18:16
 Operator : SY/VA
 Sample : K3165-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1

Quant Time: Jun 04 08:21:00 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	165594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116724	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	85559	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	7.88	113	88873	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.32	98	350576	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.62	95	130011	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	

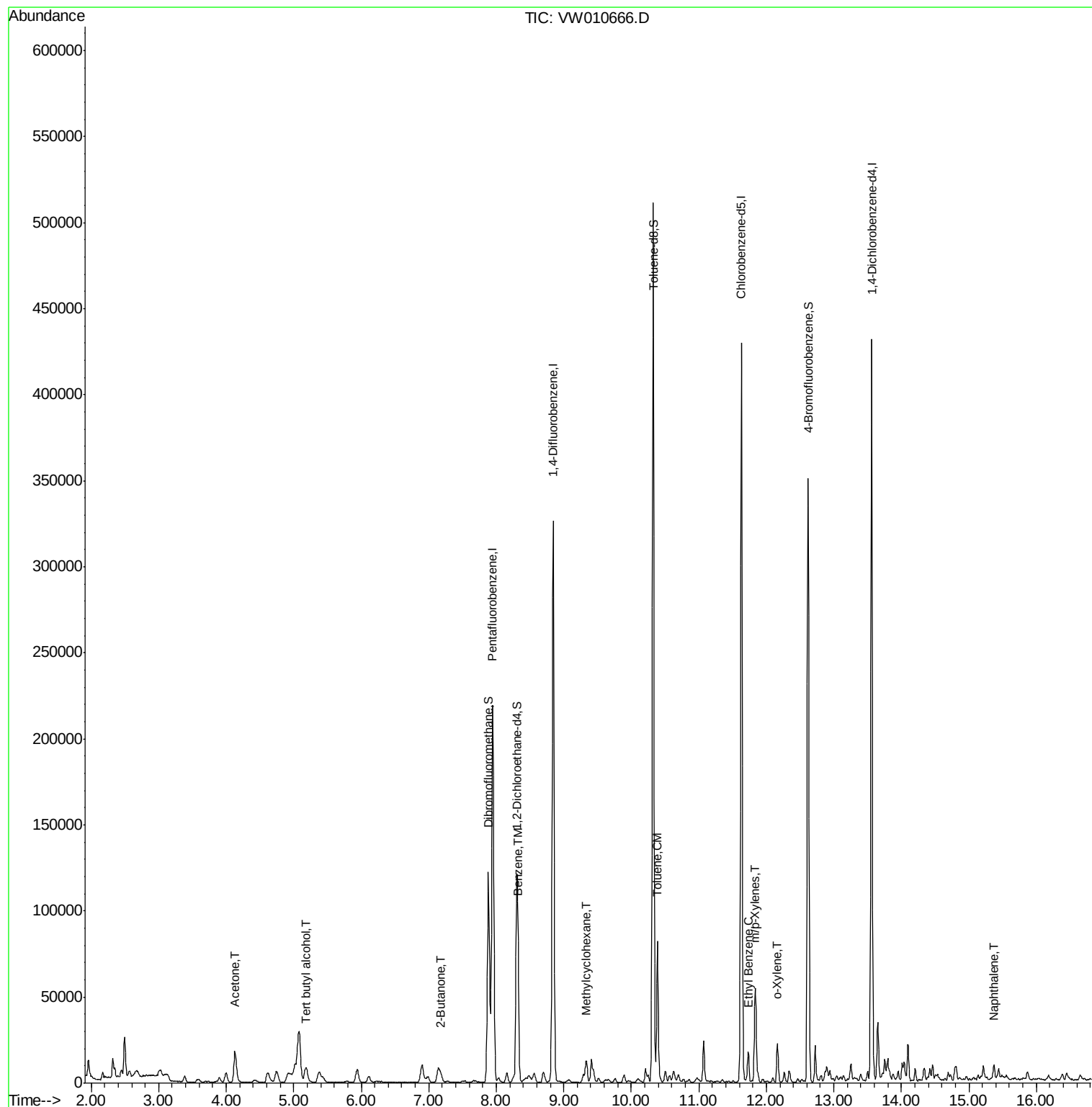
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	18425	119.843	ug/l	95
16) Acetone	4.13	43	32726	93.801	ug/l	98
25) 2-Butanone	7.18	43	7205	14.430	ug/l	98
39) Methylcyclohexane	9.34	83	5414	1.489	ug/l	91
40) Benzene	8.33	78	29754	3.944	ug/l	98
52) Toluene	10.39	92	36497	7.203	ug/l	98
67) Ethyl Benzene	11.73	91	12086	1.243	ug/l	97
68) m/p-Xylenes	11.83	106	18166	4.765	ug/l	100
69) o-Xylene	12.16	106	6081	1.683	ug/l	97
95) Naphthalene	15.37	128	8085	1.528	ug/l	98

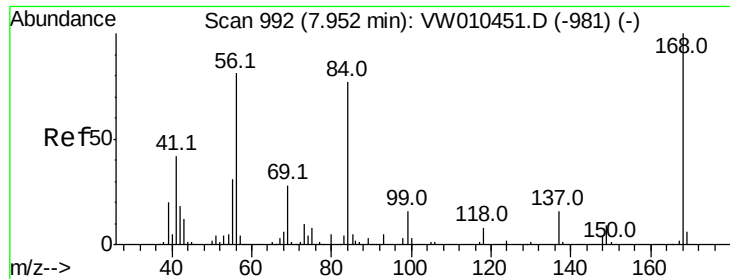
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
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Quant Time: Jun 04 08:21:00 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: VW010666.D

Acq: 03 Jun 2019 18:16

Instrument :

MSVOA_W

ClientSampled :

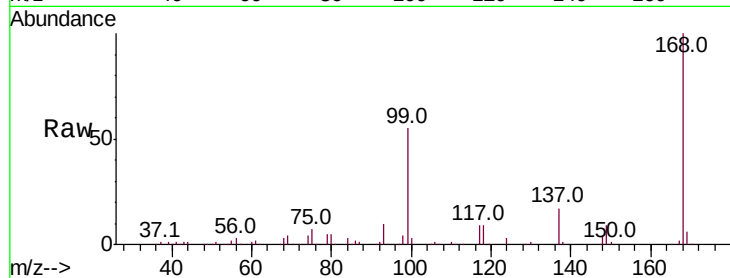
COMP-1

Tot Ion:168 Resp: 165594

Ion Ratio Lower Upper

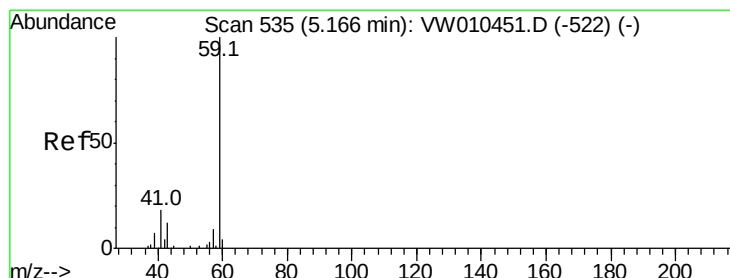
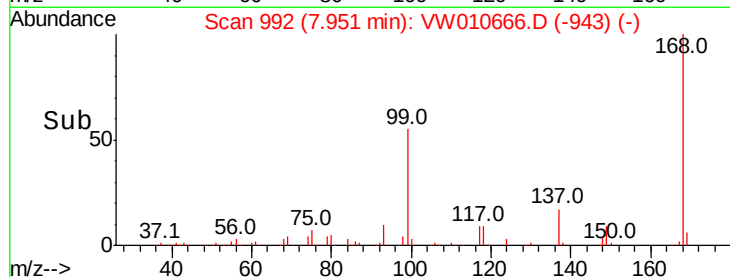
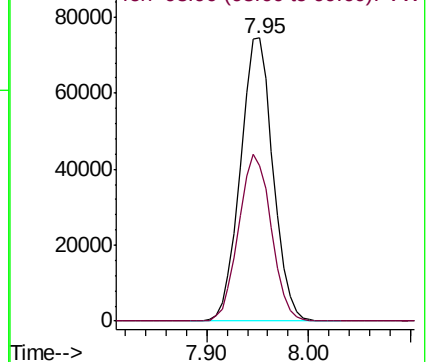
168 100

99 55.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 119.843 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW010666.D

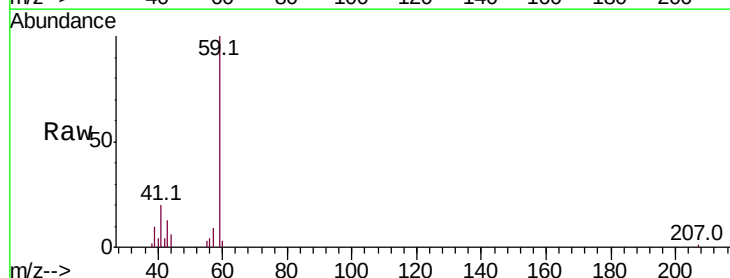
Acq: 03 Jun 2019 18:16

Tgt Ion: 59 Resp: 18425

Ion Ratio Lower Upper

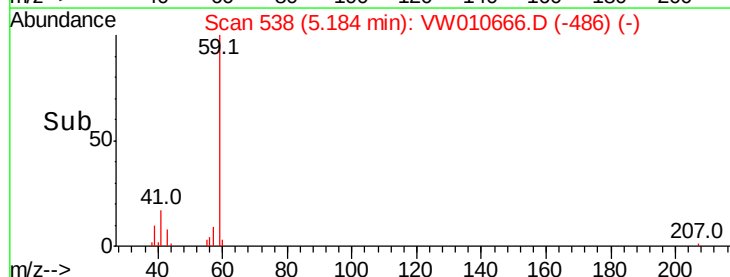
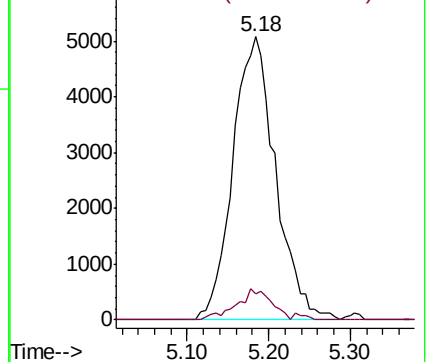
59 100

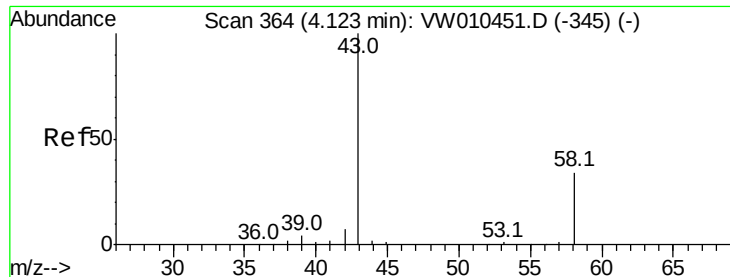
57 9.0 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

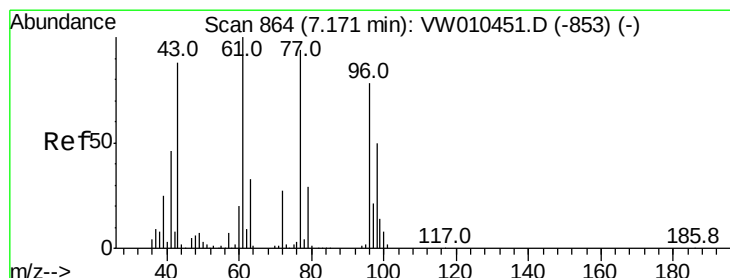
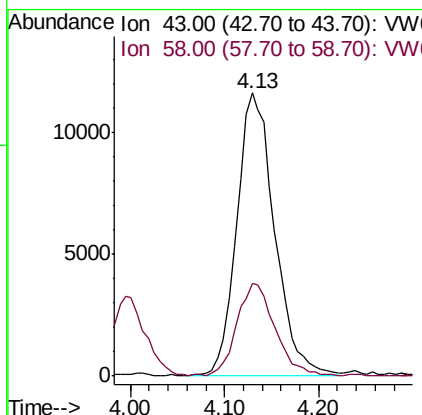
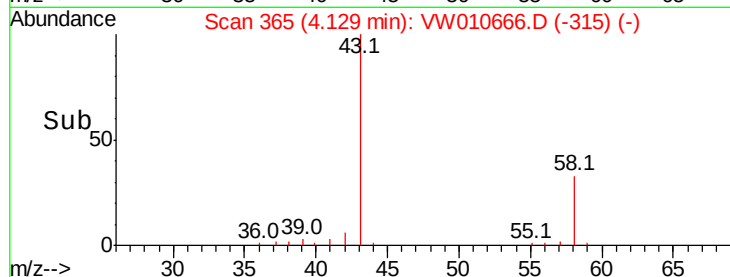
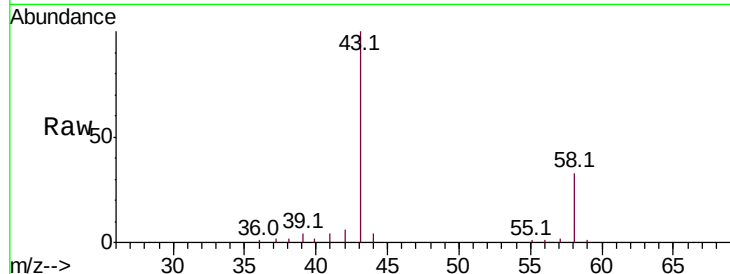




#16
Acetone
Concen: 93.801 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

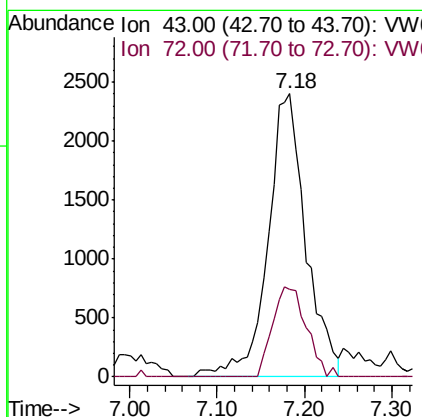
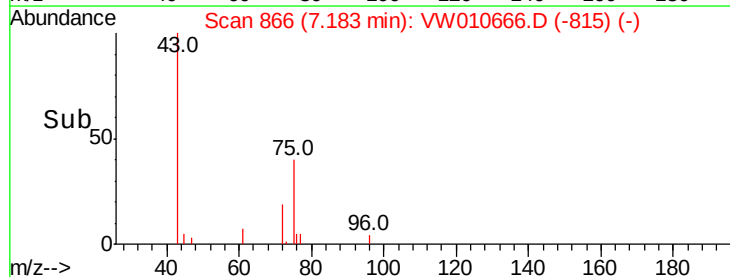
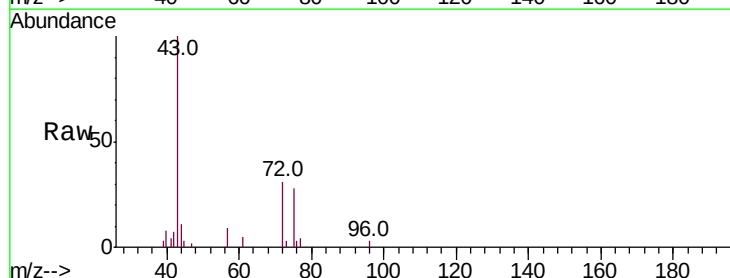
Instrument :
MSVOA_W
ClientSampleId :
COMP-1

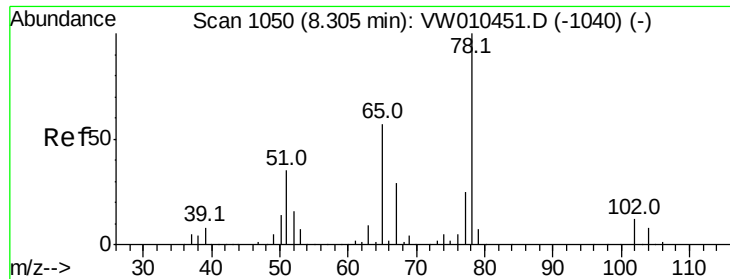
Tot Ion: 43 Resp: 32726
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.4



#25
2-Butanone
Concen: 14.430 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Tgt Ion: 43 Resp: 7205
Ion Ratio Lower Upper
43 100
72 31.1 24.1 36.1

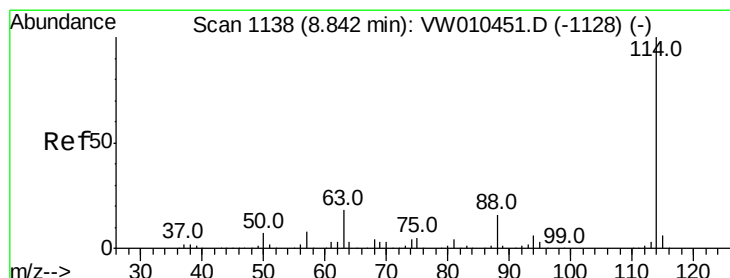
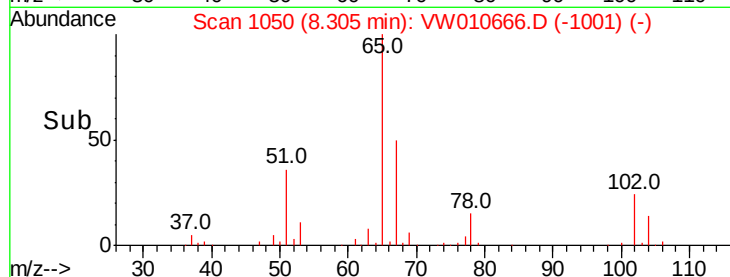
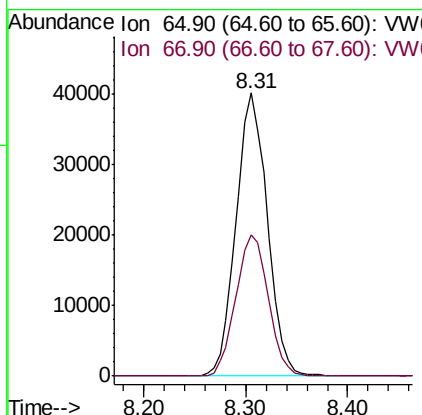
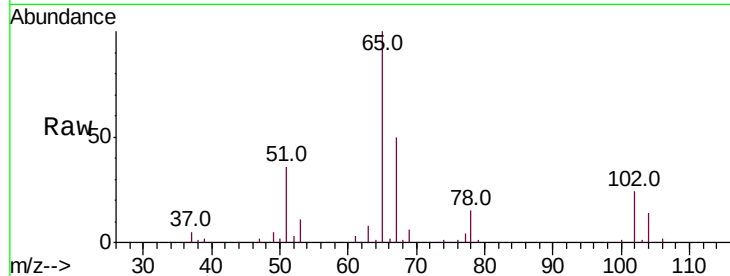




#33
 1,2-Dichloroethane-d4
 Concen: 50.058 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010666.D
 Acq: 03 Jun 2019 18:16

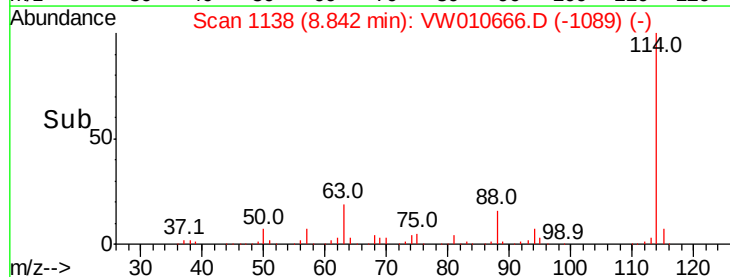
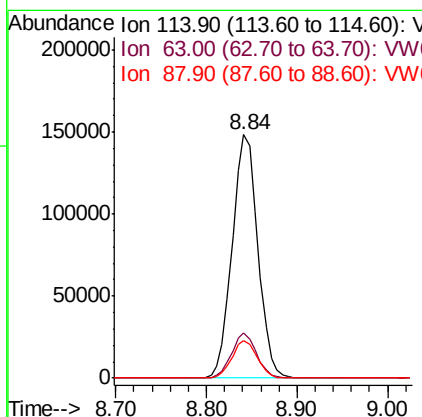
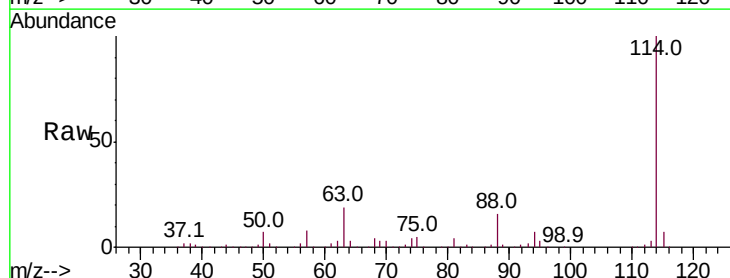
Instrument :
 MSVOA_W
 ClientSampled :
 COMP-1

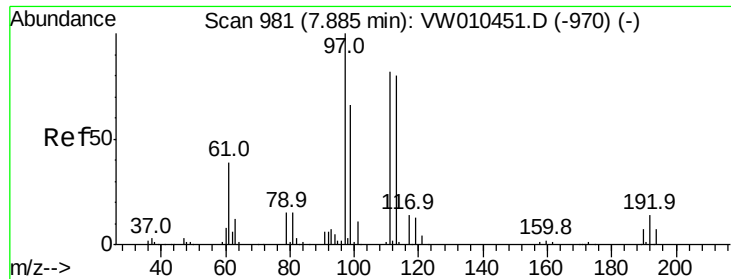
Tot Ion: 65 Resp: 85559
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010666.D
 Acq: 03 Jun 2019 18:16

Tgt Ion: 114 Resp: 291406
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.0
 88 15.5 0.0 32.0

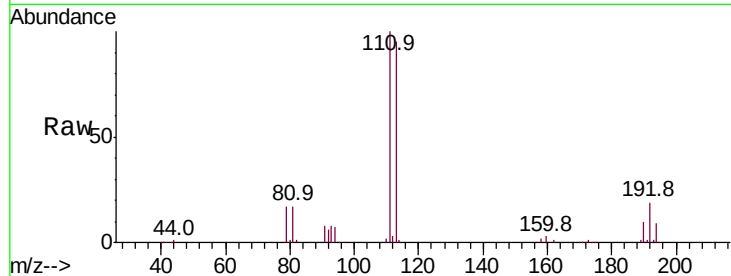




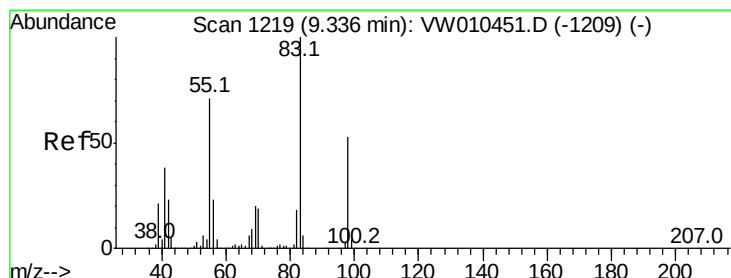
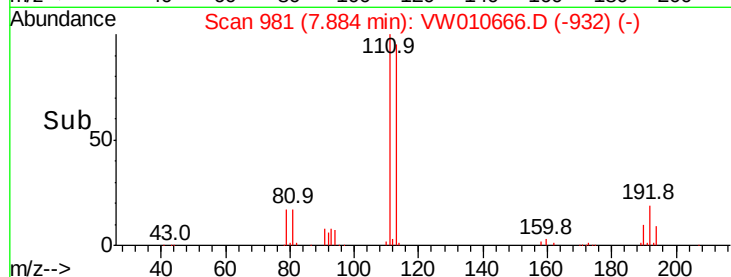
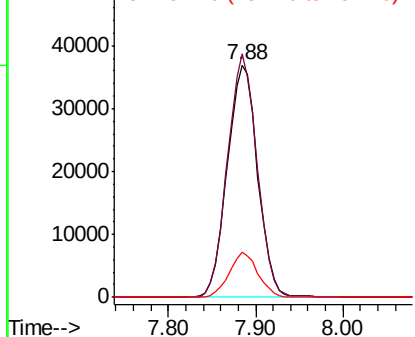
#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Instrument :
MSVOA_W
ClientSampled :
COMP-1

Tot Ion:113 Resp: 88873
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.5 14.3 21.5

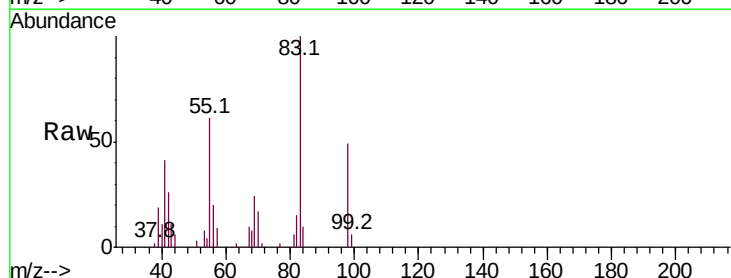


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

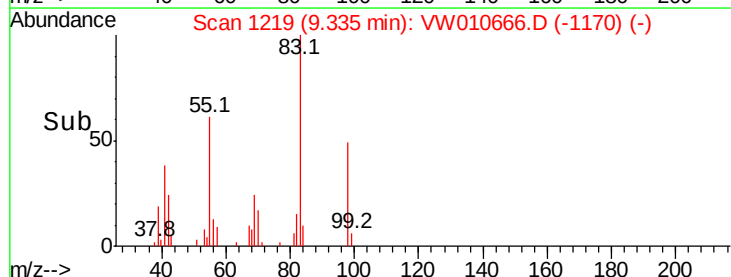
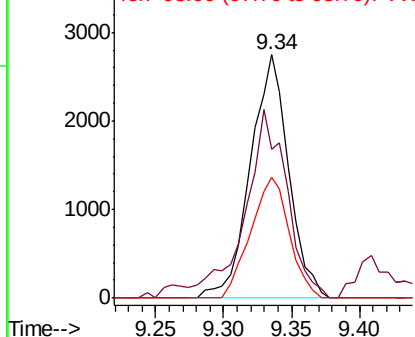


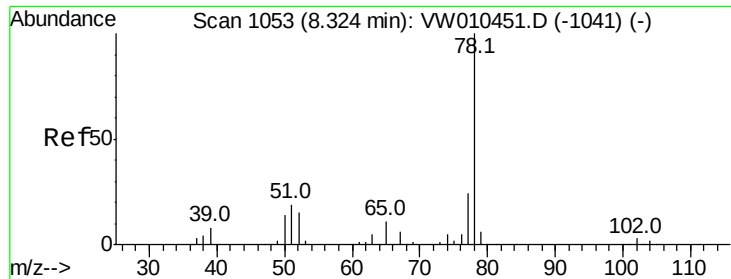
#39
Methylcyclohexane
Concen: 1.489 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Tgt Ion: 83 Resp: 5414
Ion Ratio Lower Upper
83 100
55 61.3 57.0 85.6
98 49.5 42.0 63.0



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 3.944 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW010666.D

Acq: 03 Jun 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

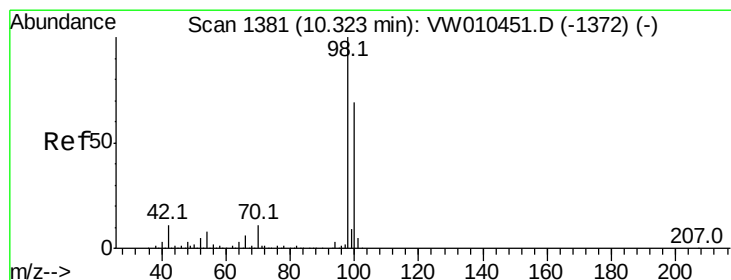
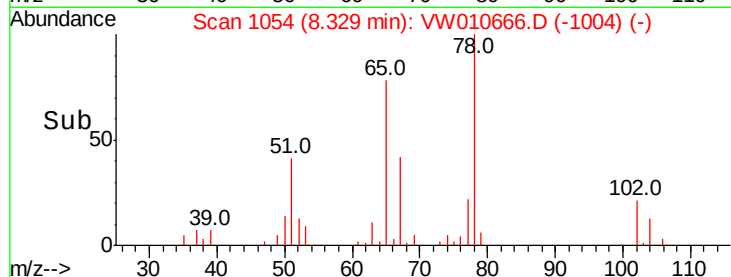
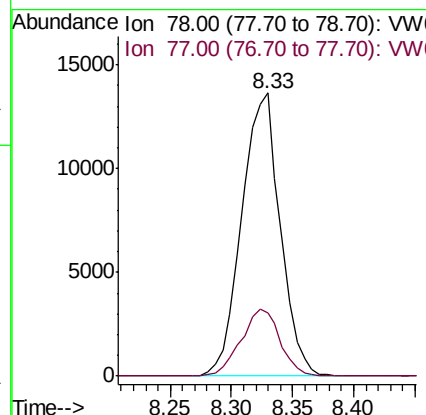
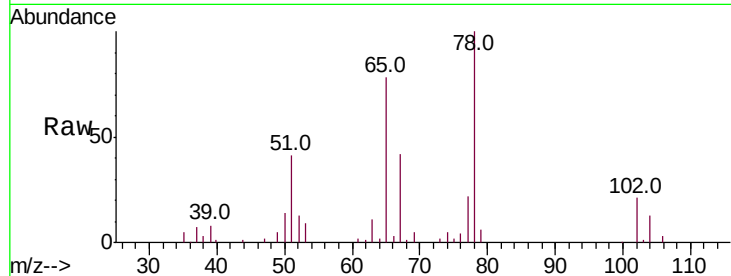
COMP-1

Tot Ion: 78 Resp: 29754

Ion Ratio Lower Upper

78 100

77 22.5 18.9 28.3



#50

Toluene-d8

Concen: 51.899 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010666.D

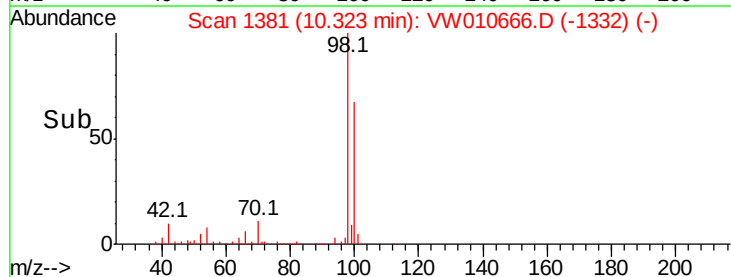
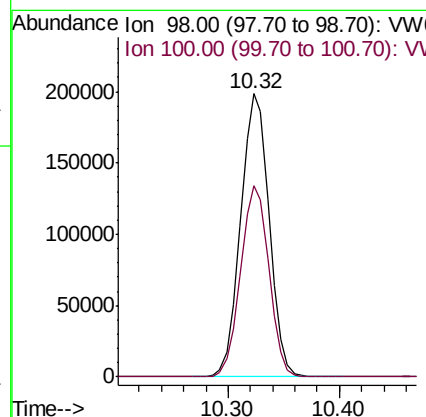
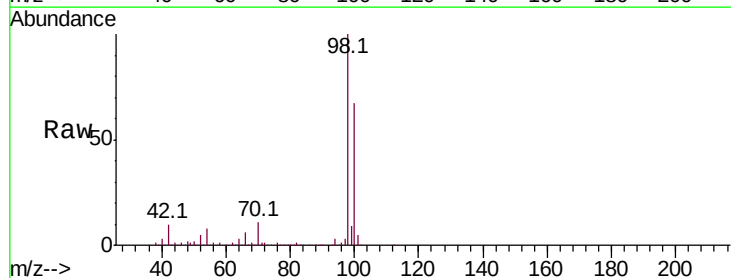
Acq: 03 Jun 2019 18:16

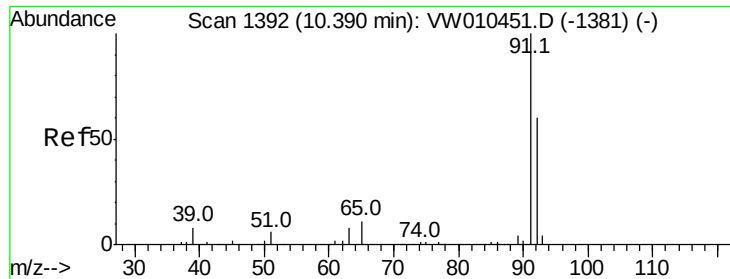
Tgt Ion: 98 Resp: 350576

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5





#52

Toluene

Concen: 7.203 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010666.D

Acq: 03 Jun 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

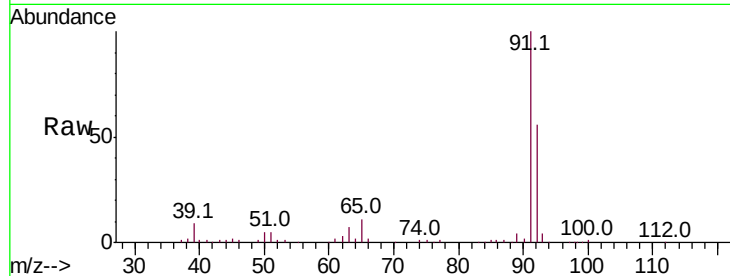
COMP-1

Tot Ion: 92 Resp: 36497

Ion Ratio Lower Upper

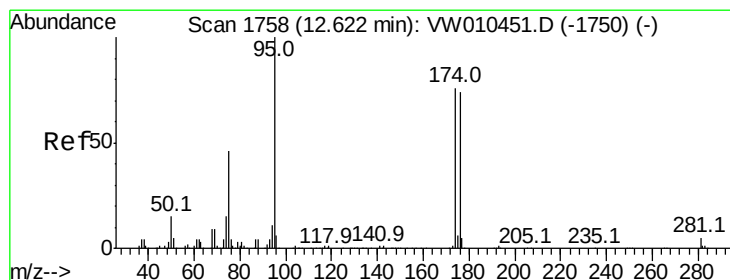
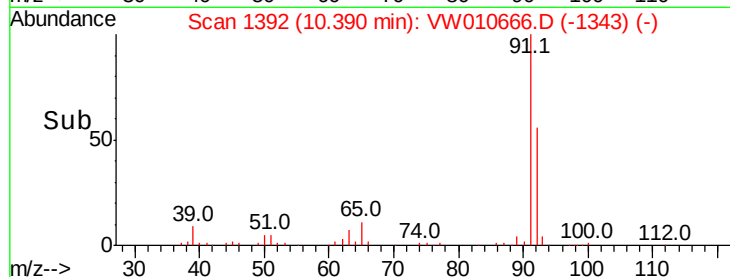
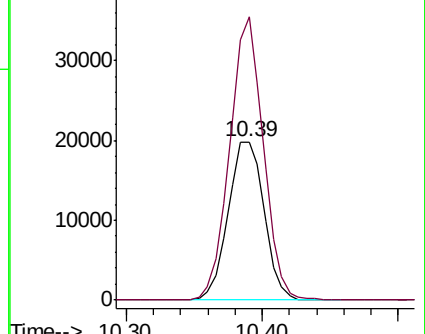
92 100

91 166.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 48.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010666.D

Acq: 03 Jun 2019 18:16

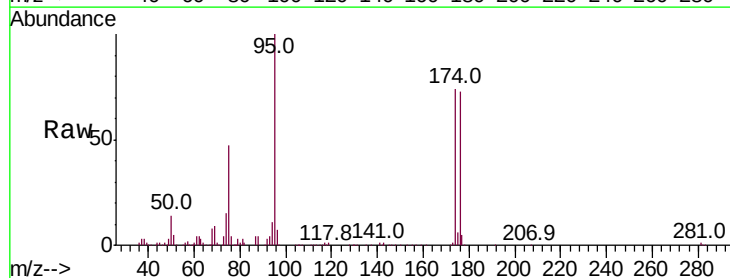
Tgt Ion: 95 Resp: 130011

Ion Ratio Lower Upper

95 100

174 75.0 0.0 148.6

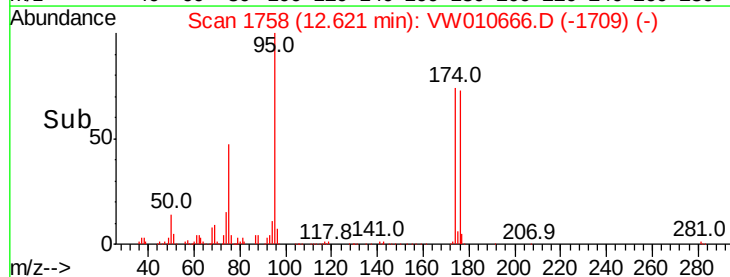
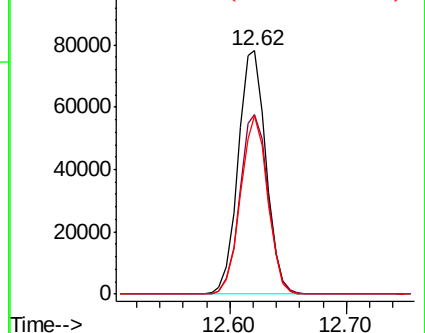
176 71.3 0.0 144.2

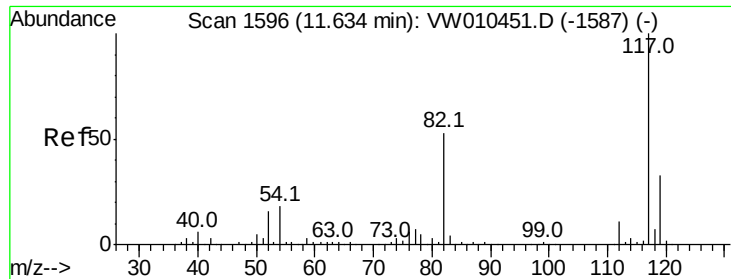


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

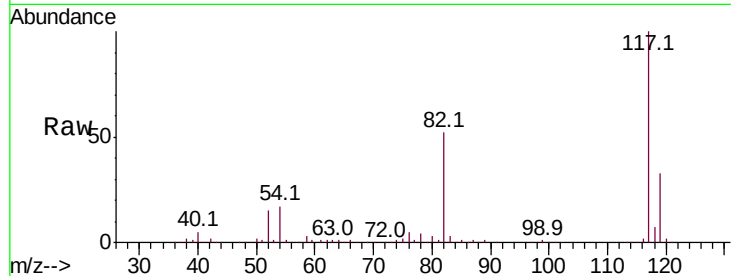




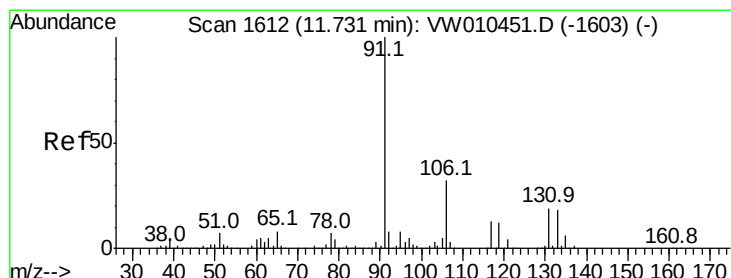
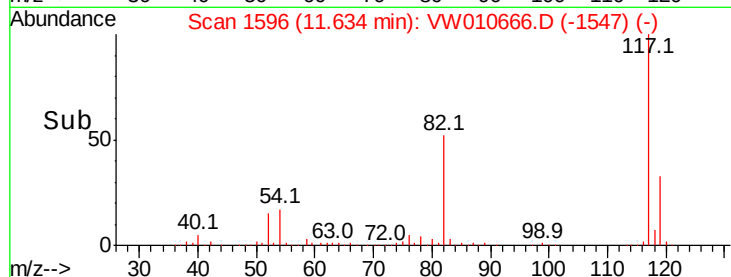
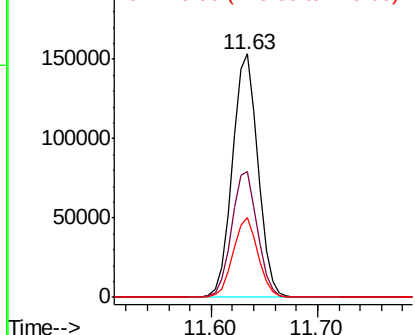
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Instrument :
MSVOA_W
ClientSampled :
COMP-1

Tot Ion:117 Resp: 258324
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 32.9 26.3 39.5

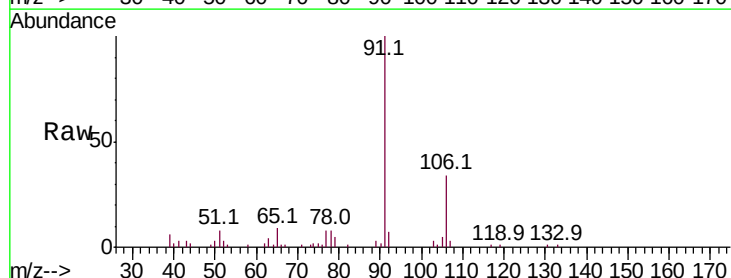


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

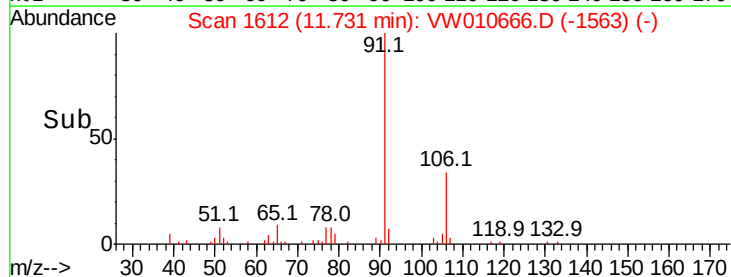
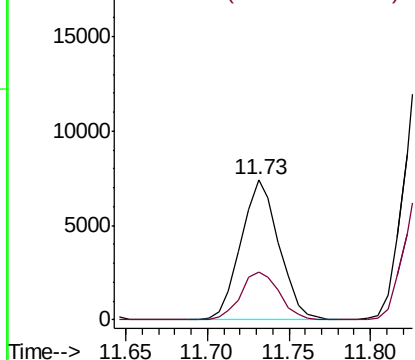


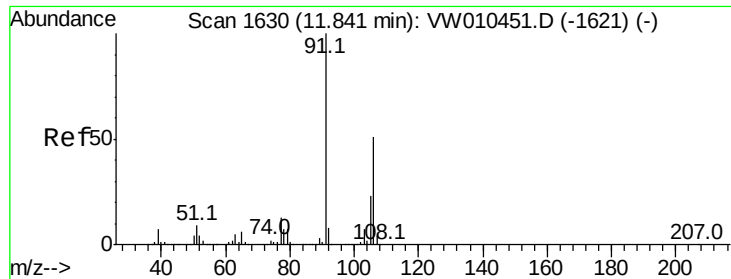
#67
Ethyl Benzene
Concen: 1.243 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Tgt Ion: 91 Resp: 12086
Ion Ratio Lower Upper
91 100
106 34.0 25.9 38.9



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

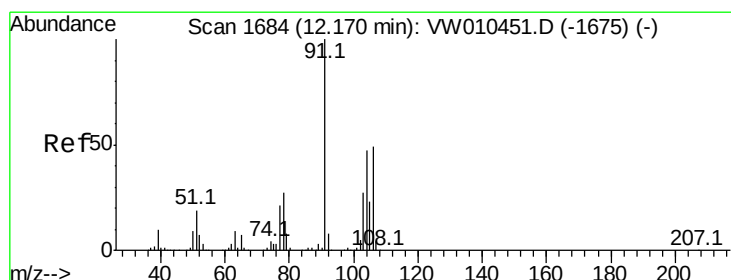
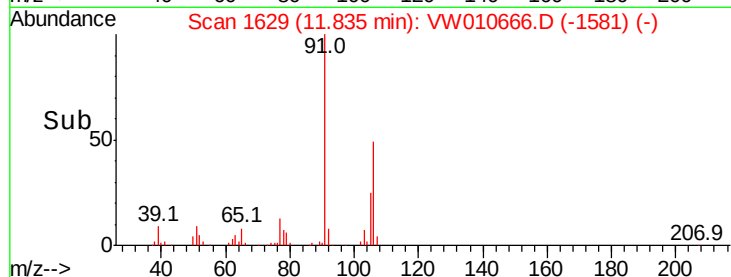
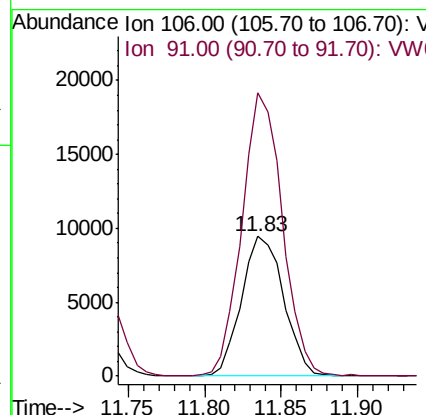
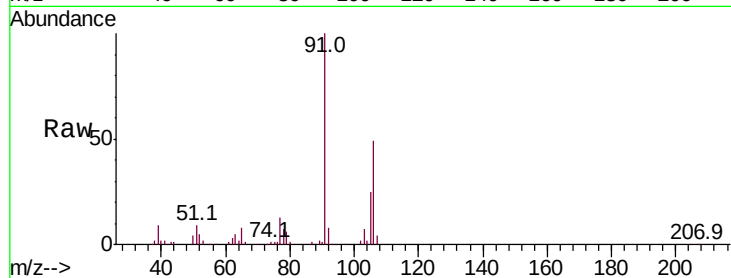




#68
m/p-Xylenes
Concen: 4.765 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

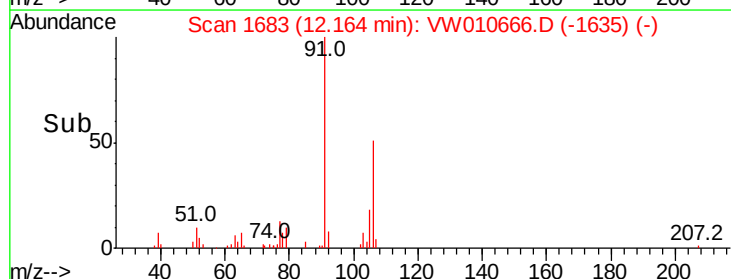
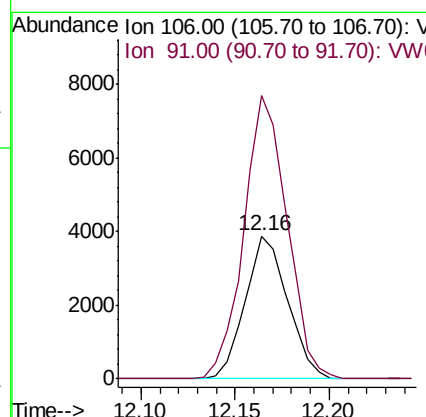
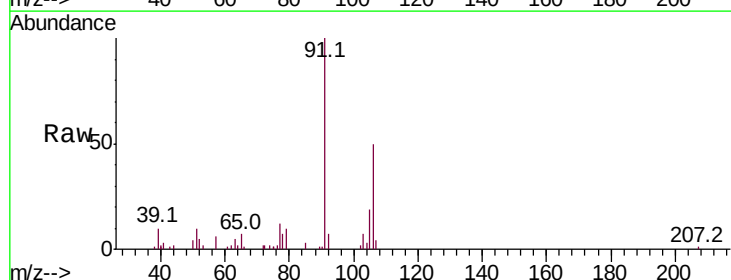
Instrument :
MSVOA_W
ClientSampleId :
COMP-1

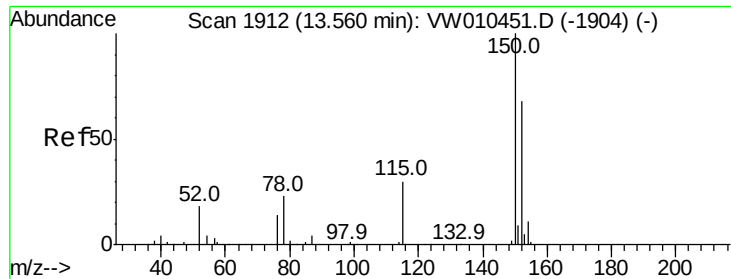
Tot Ion:106 Resp: 18166
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0



#69
o-Xylene
Concen: 1.683 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Tgt Ion:106 Resp: 6081
Ion Ratio Lower Upper
106 100
91 201.3 103.2 309.4



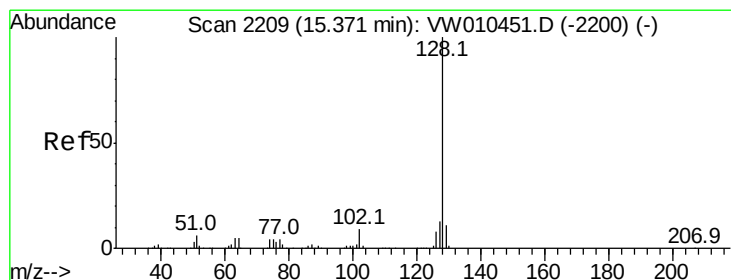
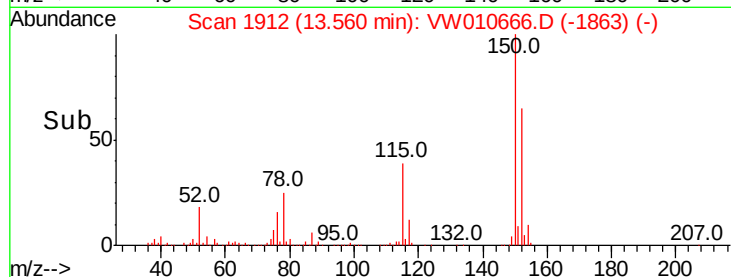
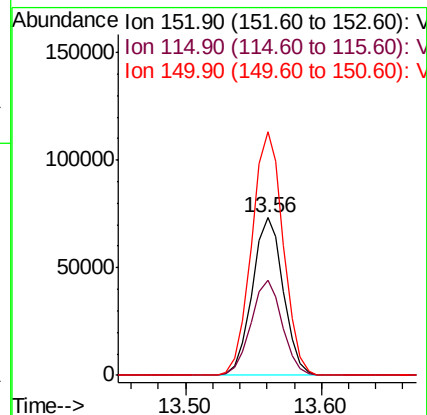
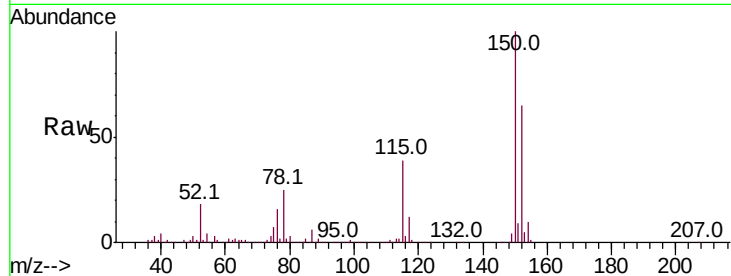


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Instrument :
MSVOA_W
ClientSampled :
COMP-1

Tot Ion:152 Resp: 116724
Ion Ratio Lower Upper
152 100
115 61.2 30.3 91.0
150 157.8 0.0 349.8



#95

Naphthalene
Concen: 1.528 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010666.D
Acq: 03 Jun 2019 18:16

Tgt Ion:128 Resp: 8085
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.5 8.9 13.3

