

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004326.D
 Acq On : 29 Jul 2018 20:49
 Operator : SY/AP
 Sample : J4109-01
 Misc : 8.49G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GW-04(3-5)

Quant Time: Jul 30 05:19:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54800	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	67361	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	7.88	113	61129	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	10.33	98	217638	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.62	95	56889	33.12	ug/l	0.00
Spiked Amount			Recovery	=	66.24%	

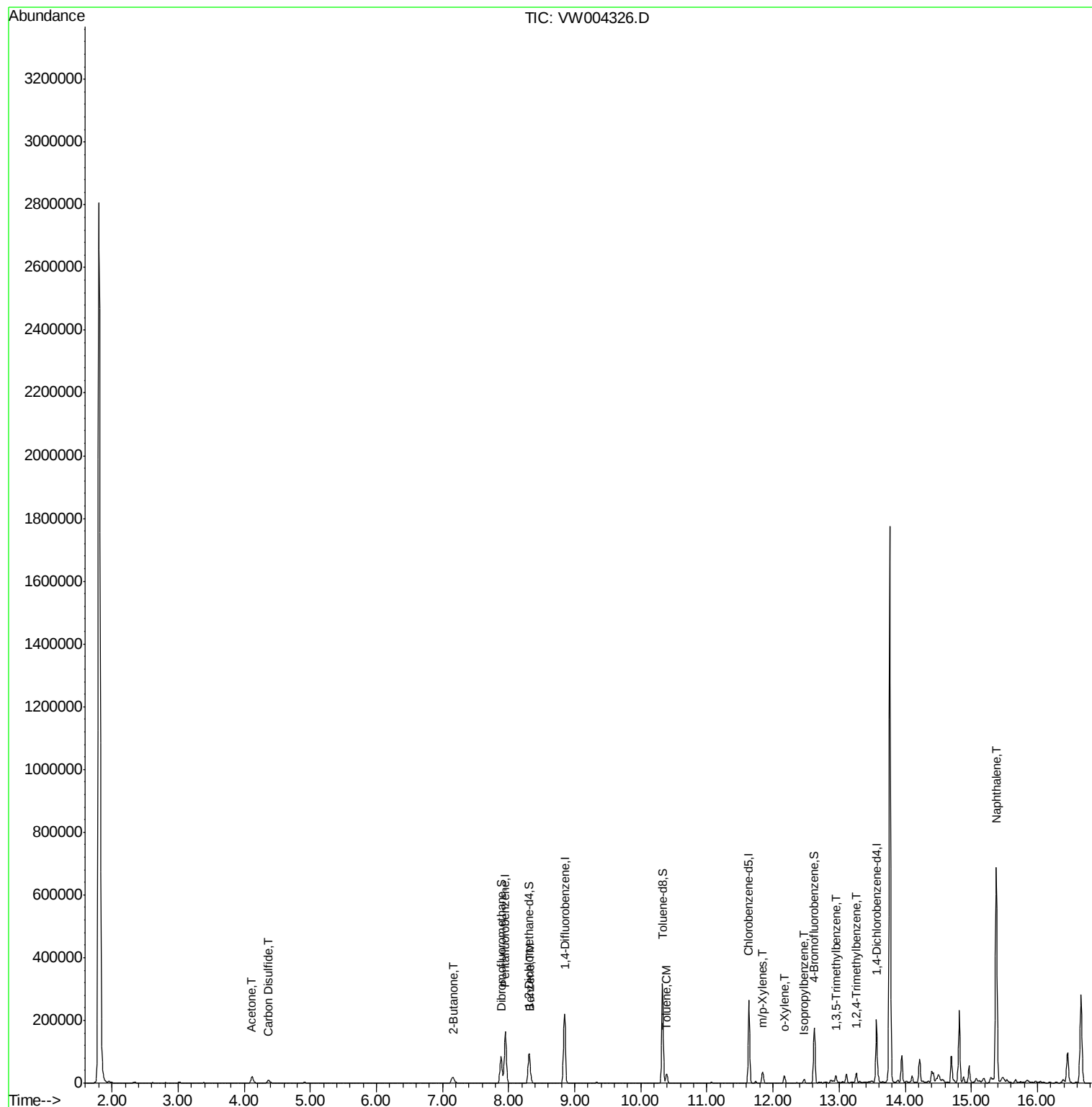
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	33485	108.65	ug/l	99
17) Carbon Disulfide	4.37	76	20009	5.50	ug/l	96
25) 2-Butanone	7.18	43	8409	22.74	ug/l	98
40) Benzene	8.32	78	26950	4.90	ug/l	97
52) Toluene	10.39	92	12801	3.71	ug/l	99
68) m/p-Xylenes	11.85	106	10838	5.16	ug/l	97
69) o-Xylene	12.17	106	6210	3.20	ug/l	96
73) Isopropylbenzene	12.47	105	7243	1.91	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	9976	3.05	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	16707	5.00	ug/l	98
95) Naphthalene	15.38	128	586178	294.99	ug/l	99

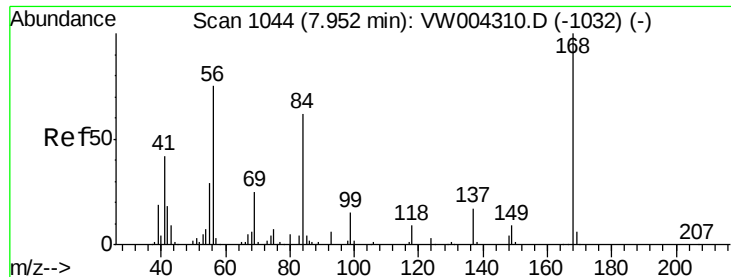
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GW-04(3-5)

Quant Time: Jul 30 05:19:22 2018
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004326.D

Acq: 29 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampled :

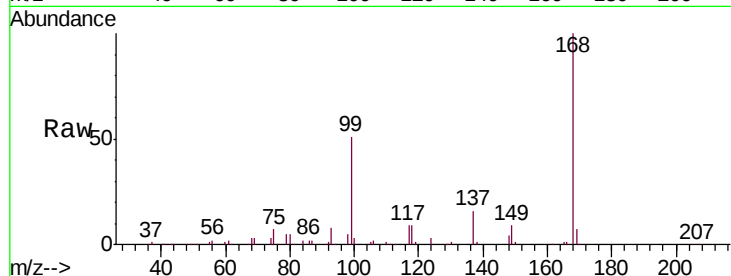
GW-04(3-5)

Tot Ion:168 Resp: 132020

Ion Ratio Lower Upper

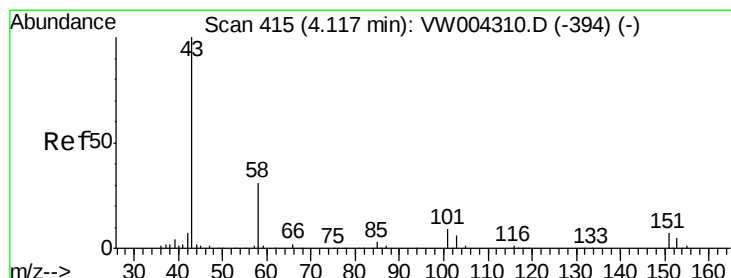
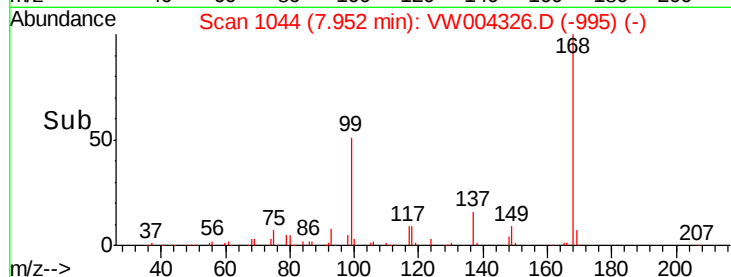
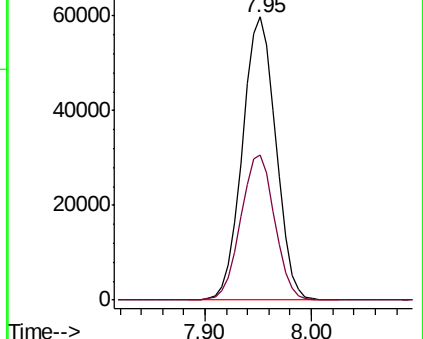
168 100

99 51.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 108.65 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004326.D

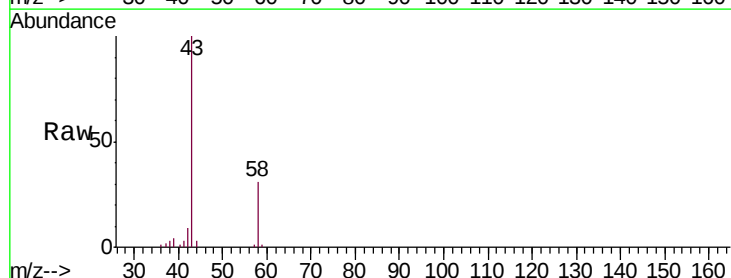
Acq: 29 Jul 2018 20:49

Tgt Ion: 43 Resp: 33485

Ion Ratio Lower Upper

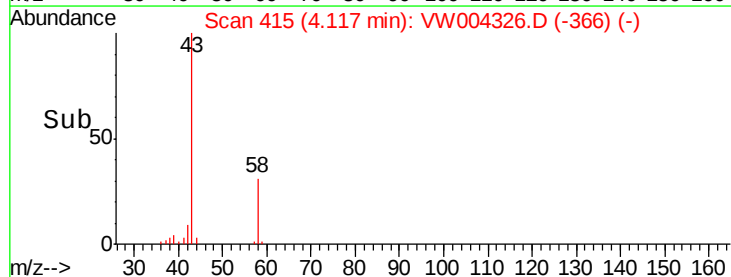
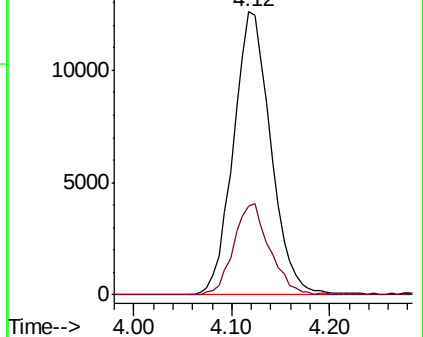
43 100

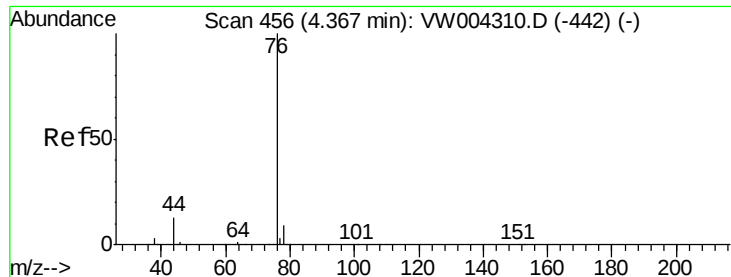
58 31.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

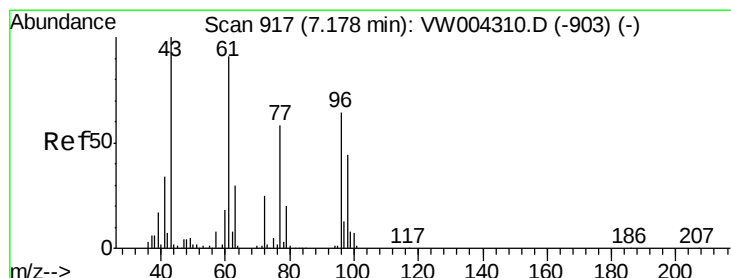
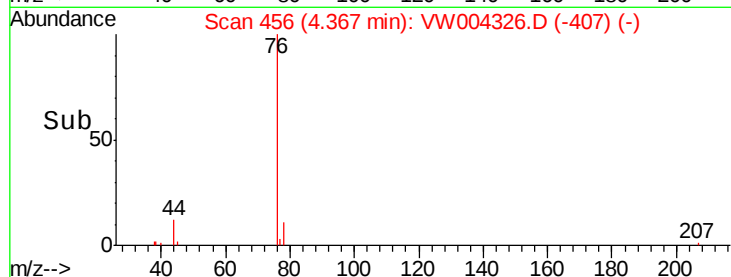
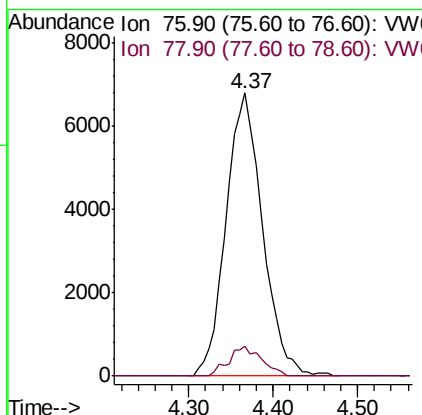
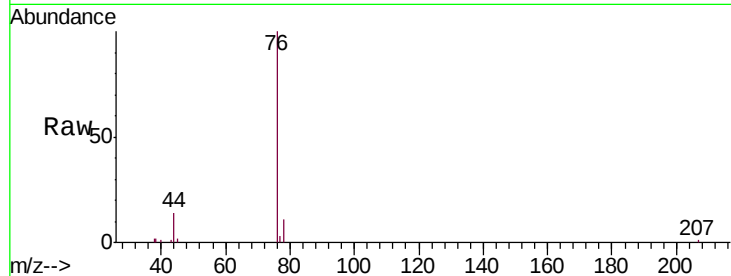




#17
Carbon Disulfide
Concen: 5.50 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

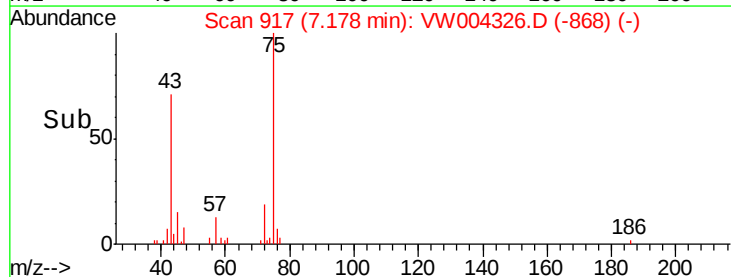
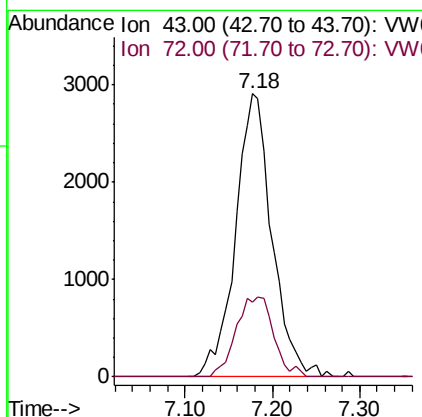
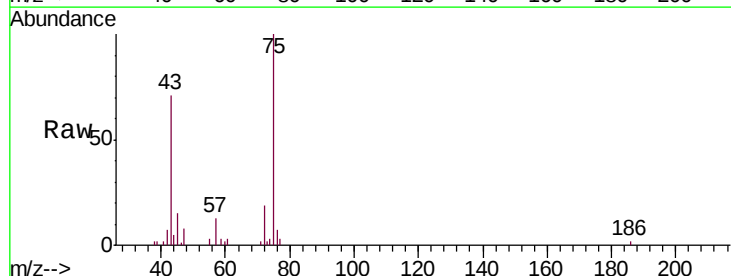
Instrument :
MSVOA_W
ClientSampled :
GW-04(3-5)

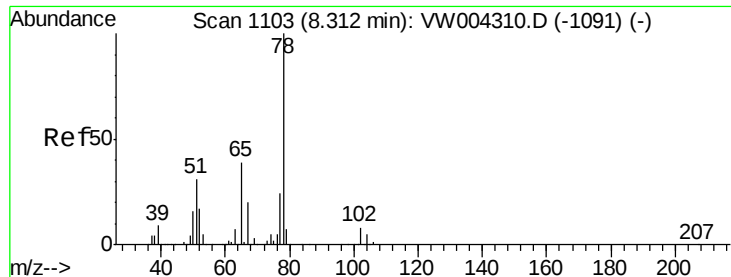
Tot Ion: 76 Resp: 20009
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#25
2-Butanone
Concen: 22.74 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

Tgt Ion: 43 Resp: 8409
Ion Ratio Lower Upper
43 100
72 26.6 20.3 30.5

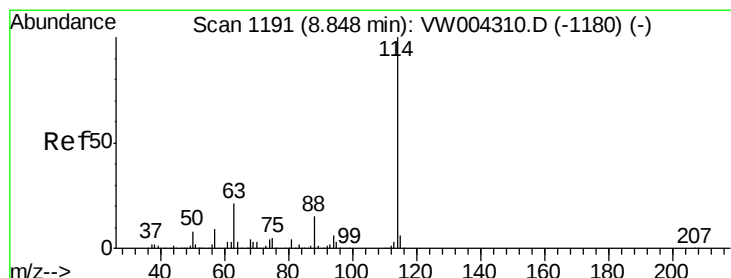
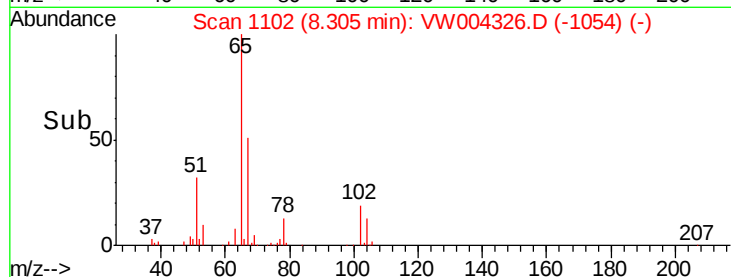
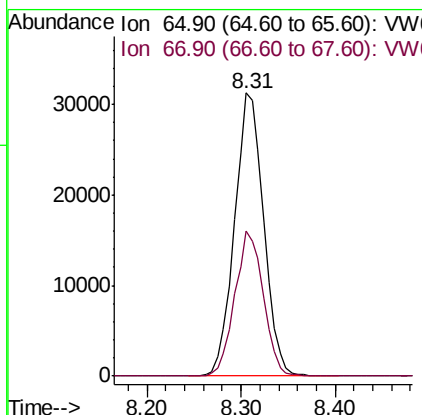
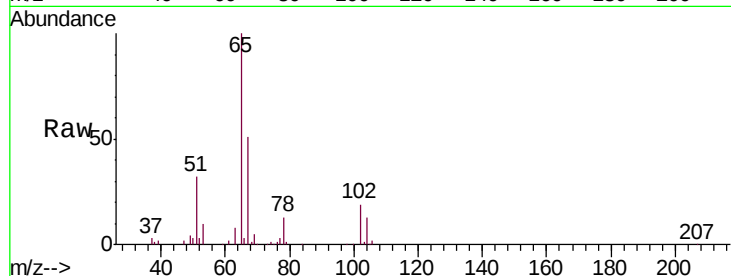




#33
 1,2-Dichloroethane-d4
 Concen: 50.58 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004326.D
 Acq: 29 Jul 2018 20:49

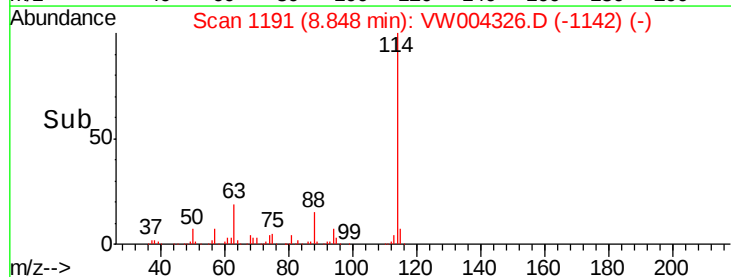
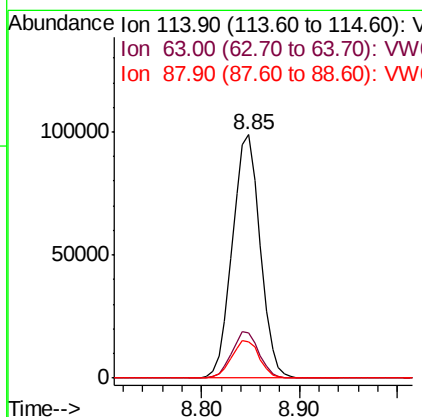
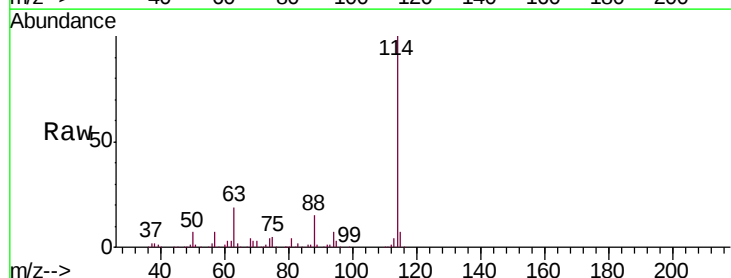
Instrument :
 MSVOA_W
 ClientSampleId :
 GW-04(3-5)

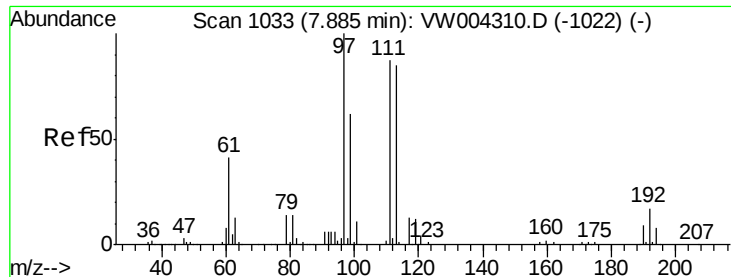
Tot Ion: 65 Resp: 67361
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004326.D
 Acq: 29 Jul 2018 20:49

Tgt Ion: 114 Resp: 195350
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 14.9 0.0 30.6

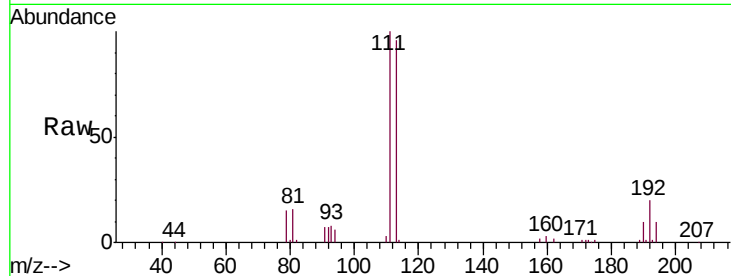




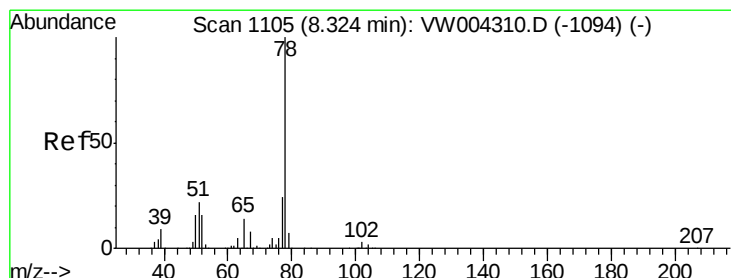
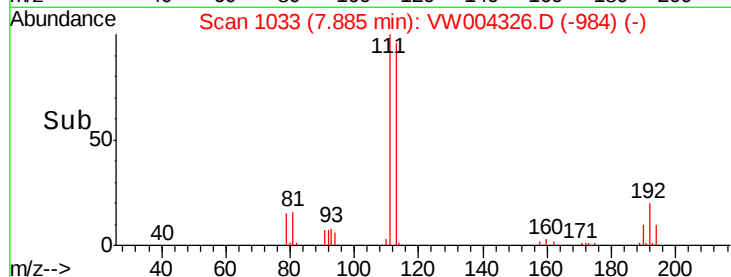
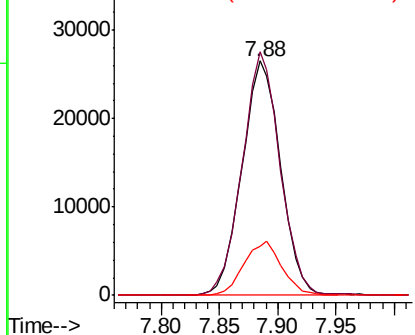
#35
Dibromofluoromethane
Concen: 49.52 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

Instrument :
MSVOA_W
ClientSampled :
GW-04(3-5)

Tot Ion:113 Resp: 61129
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 22.5 16.2 24.4

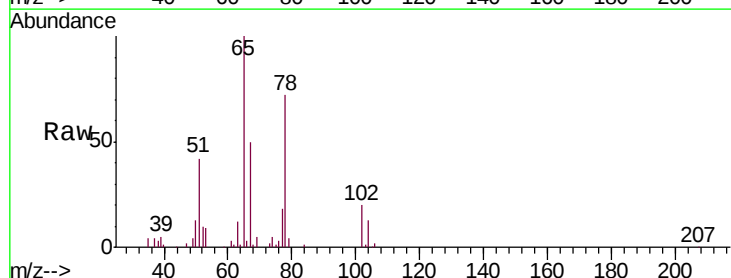


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

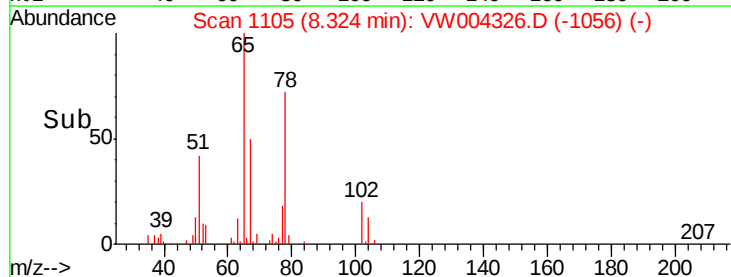
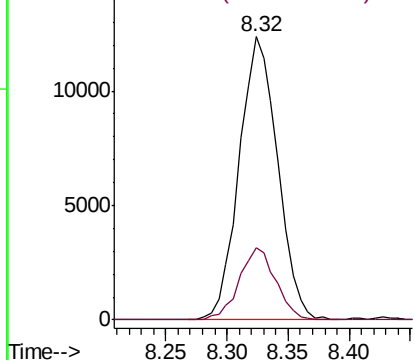


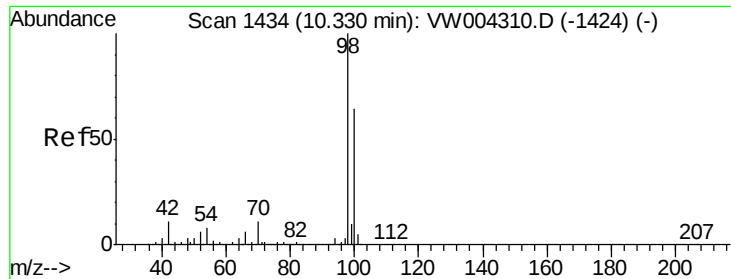
#40
Benzene
Concen: 4.90 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

Tgt Ion: 78 Resp: 26950
Ion Ratio Lower Upper
78 100
77 25.5 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 44.61 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004326.D

Acq: 29 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

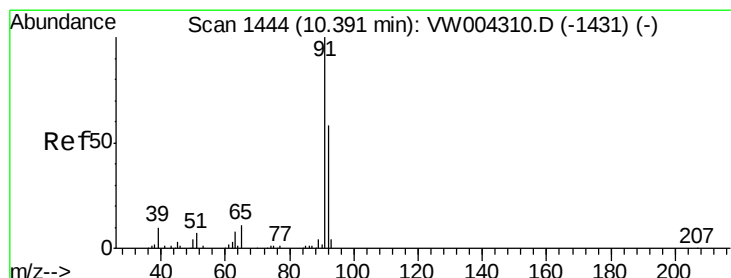
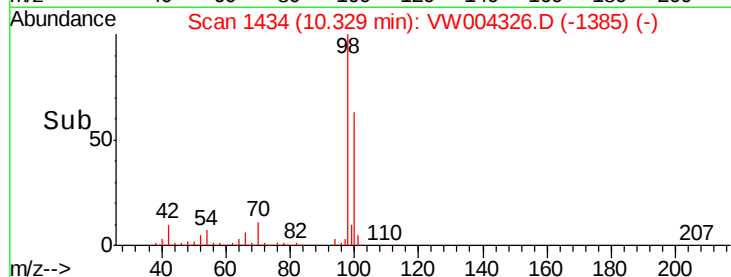
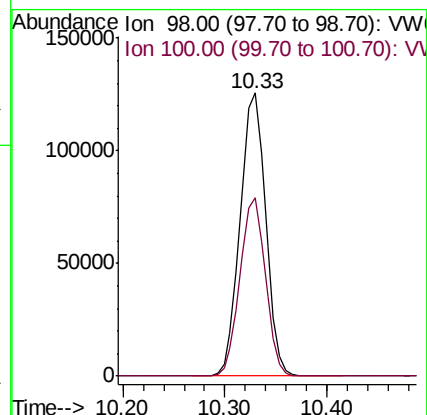
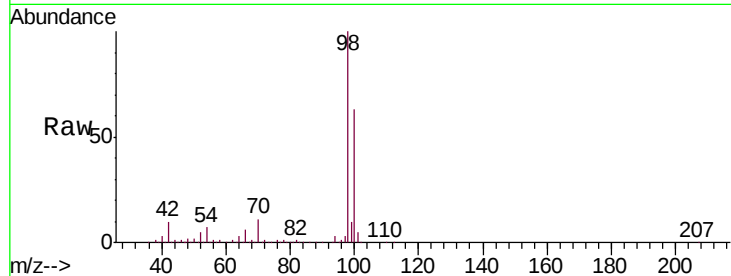
GW-04(3-5)

Tot Ion: 98 Resp: 217638

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#52

Toluene

Concen: 3.71 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004326.D

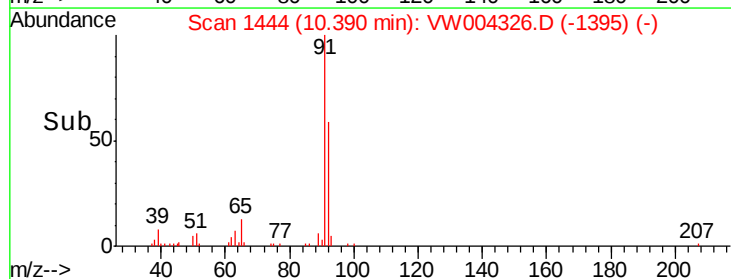
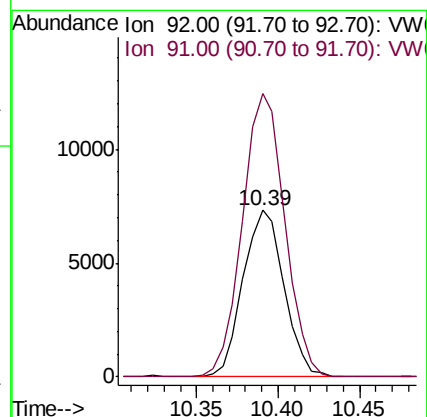
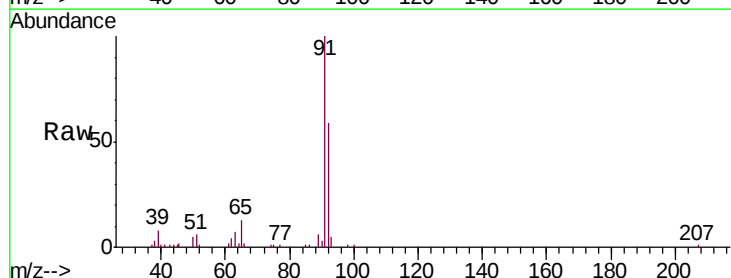
Acq: 29 Jul 2018 20:49

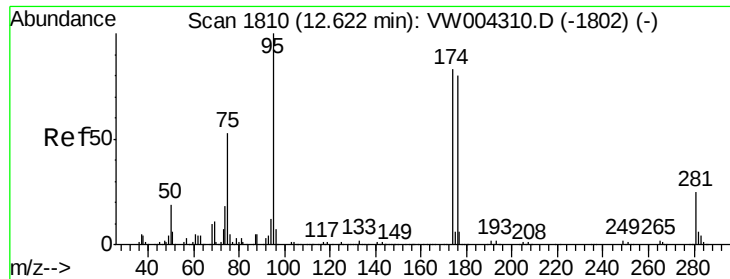
Tgt Ion: 92 Resp: 12801

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.4

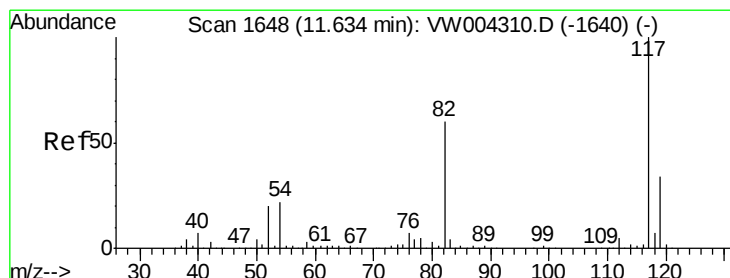
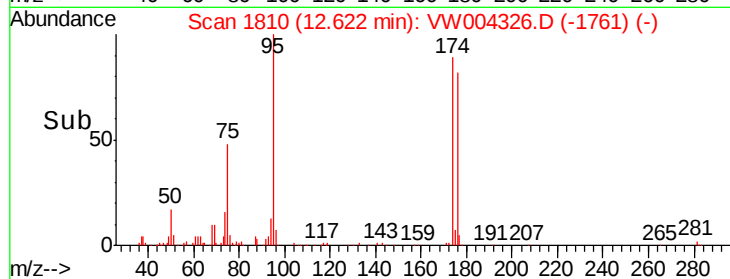
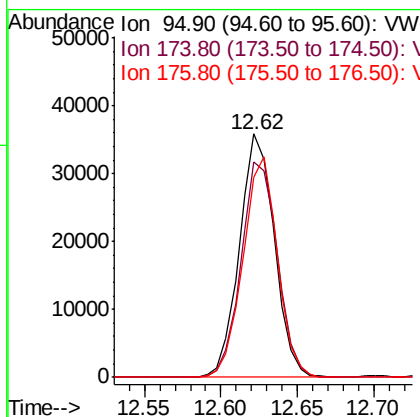
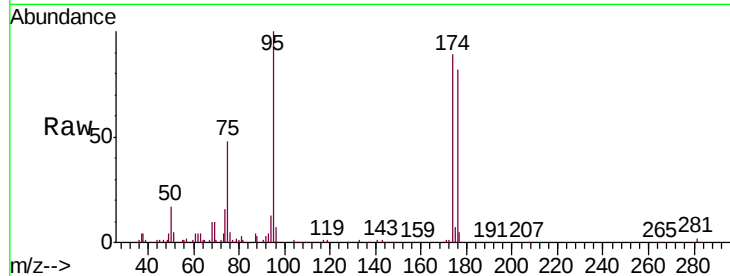




#62
4-Bromofluorobenzene
Concen: 33.12 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

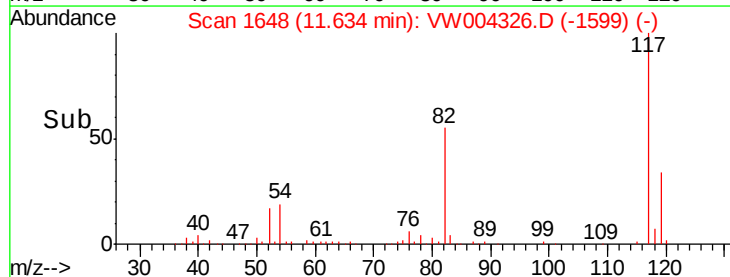
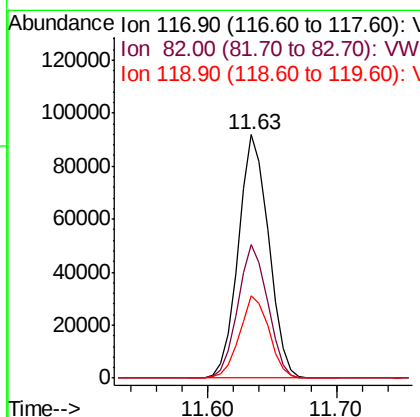
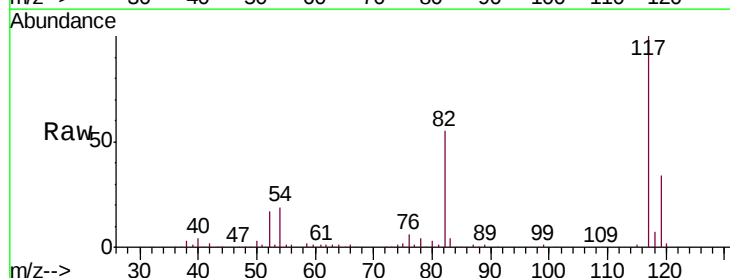
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GW-04(3-5)

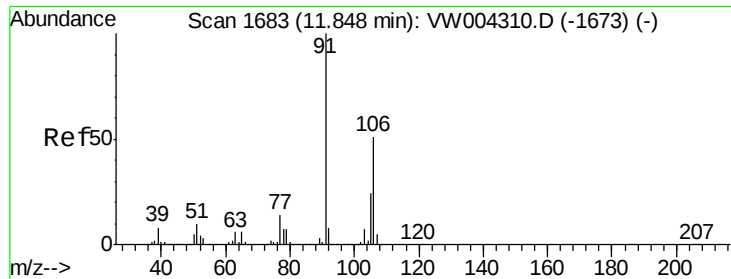
Tot Ion: 95 Resp: 56889
Ion Ratio Lower Upper
95 100
174 92.0 0.0 167.8
176 89.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

Tgt Ion: 117 Resp: 149234
Ion Ratio Lower Upper
117 100
82 54.6 47.9 71.9
119 33.8 27.1 40.7

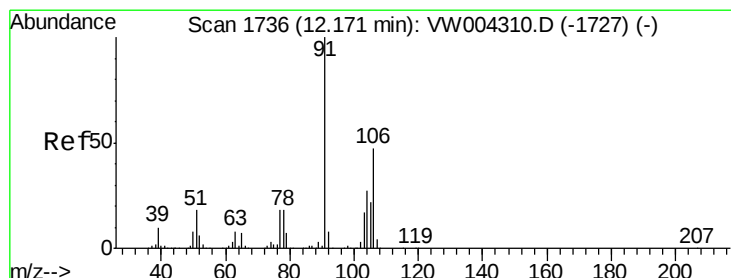
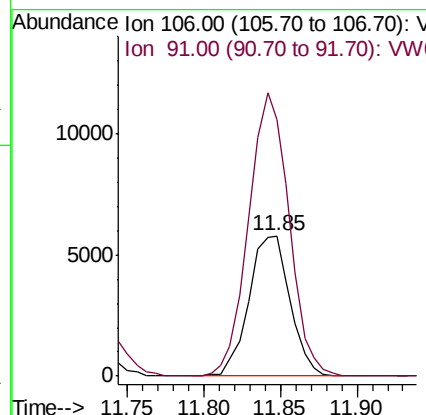
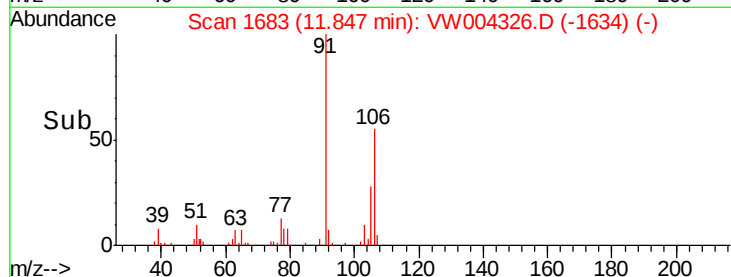
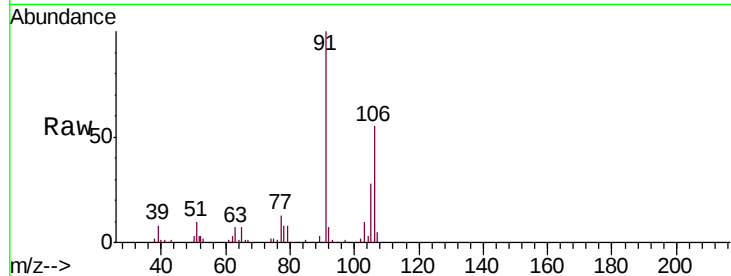




#68
m/p-Xvlenes
Concen: 5.16 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

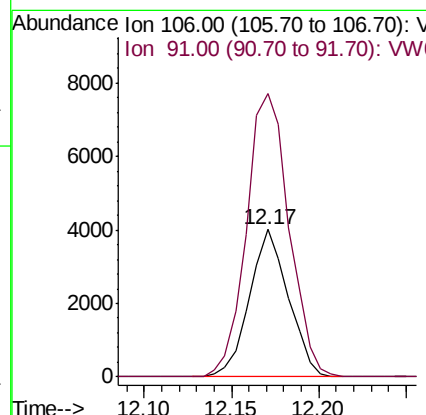
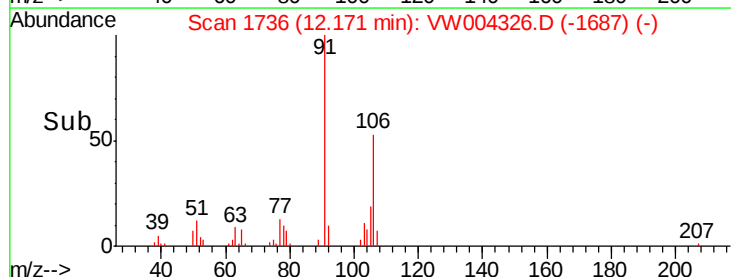
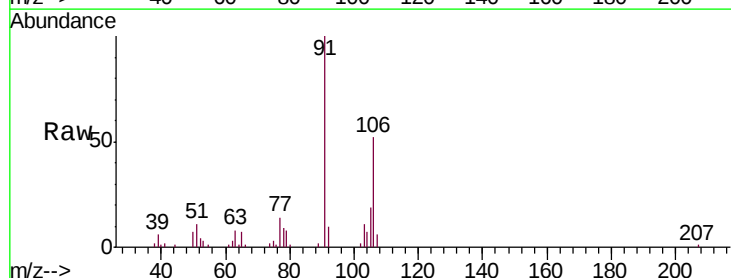
Instrument :
MSVOA_W
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GW-04(3-5)

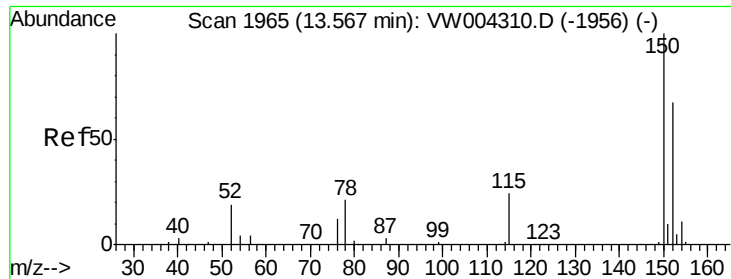
Tot Ion:106 Resp: 10838
Ion Ratio Lower Upper
106 100
91 198.1 162.2 243.2



#69
o-Xylene
Concen: 3.20 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004326.D
Acq: 29 Jul 2018 20:49

Tgt Ion:106 Resp: 6210
Ion Ratio Lower Upper
106 100
91 210.2 108.7 326.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004326.D

Acq: 29 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

GW-04(3-5)

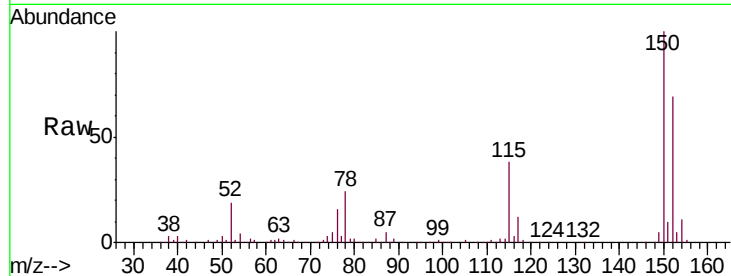
Tot Ion:152 Resp: 54800

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.4

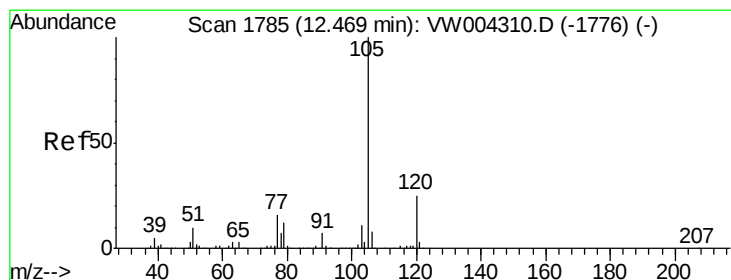
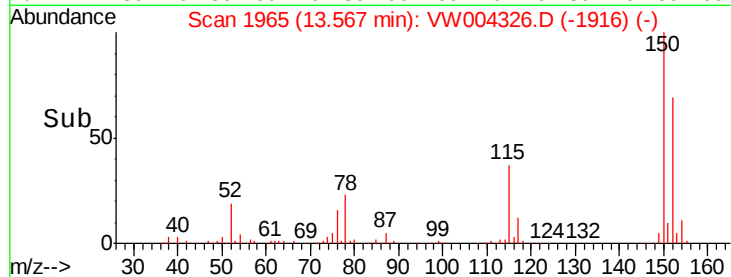
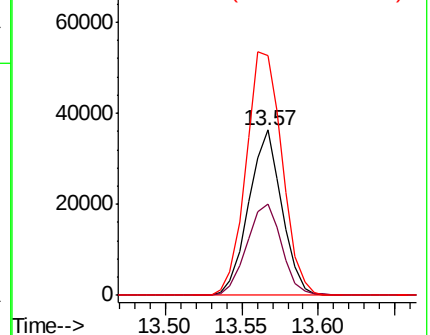
150 159.7 0.0 346.4



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: 1.91 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004326.D

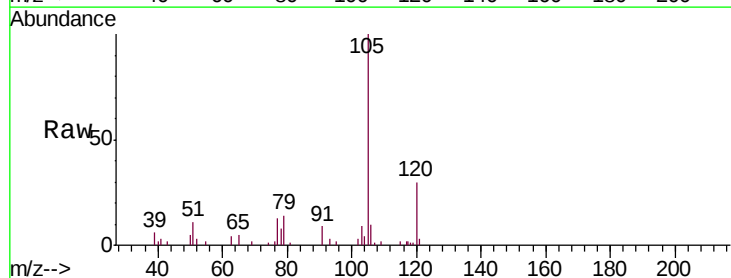
Acq: 29 Jul 2018 20:49

Tgt Ion:105 Resp: 7243

Ion Ratio Lower Upper

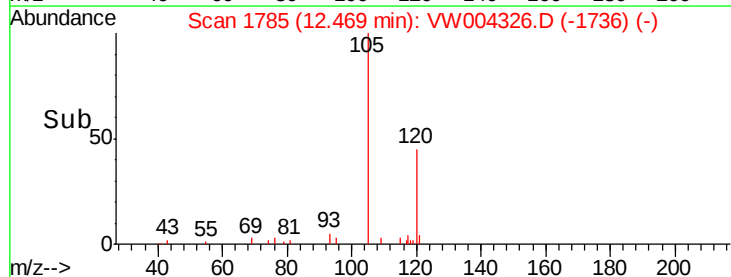
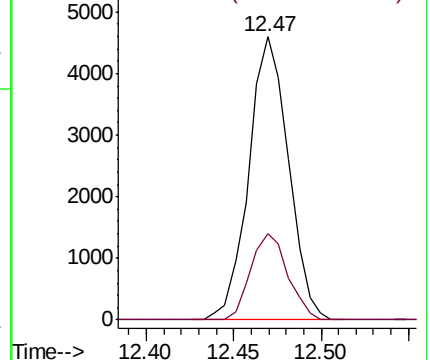
105 100

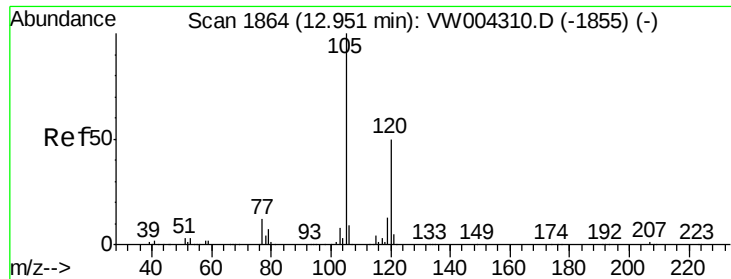
120 28.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

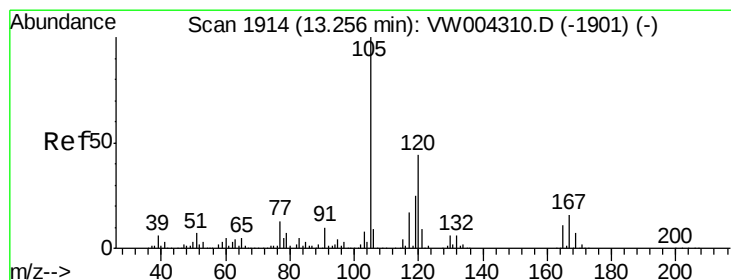
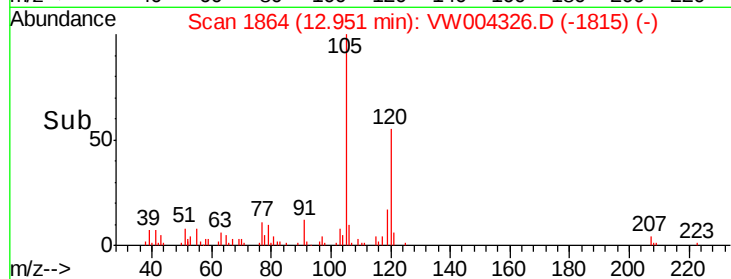
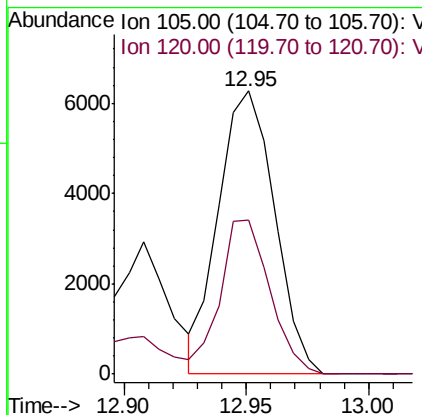
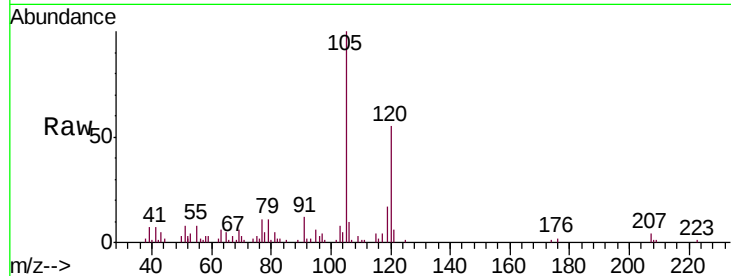




#80
 1,3,5-Trimethylbenzene
 Concen: 3.05 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004326.D
 Acq: 29 Jul 2018 20:49

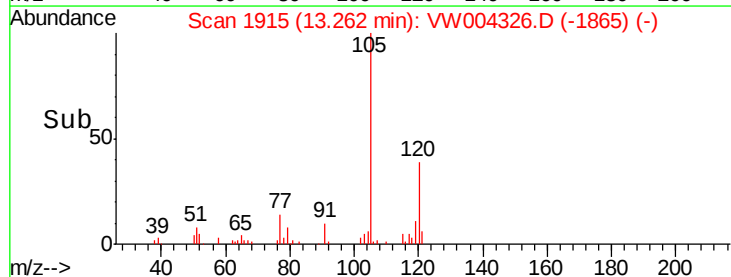
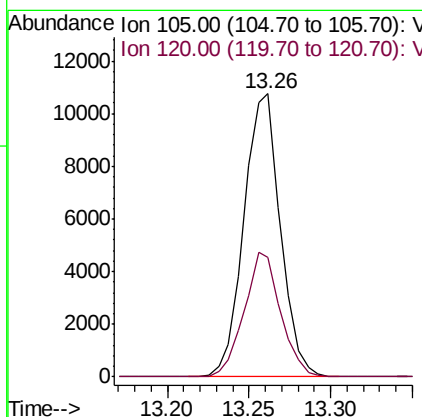
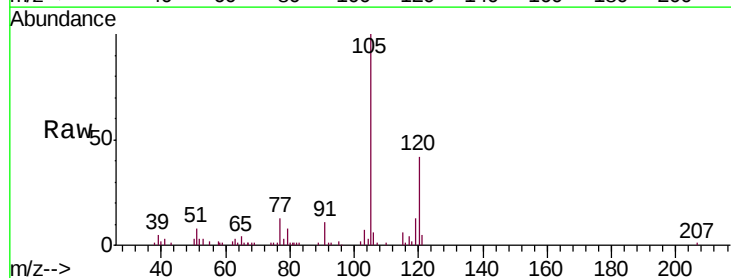
Instrument :
 MSVOA_W
 ClientSampled :
 GW-04(3-5)

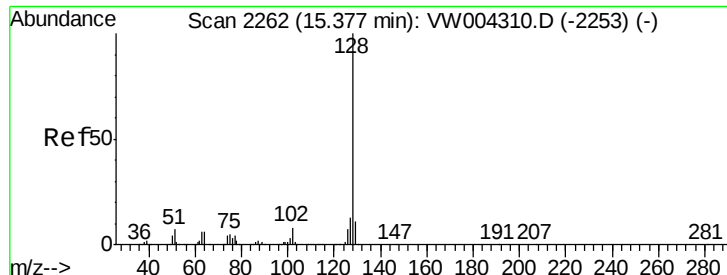
Tot Ion:105 Resp: 9976
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.1 75.2



#84
 1,2,4-Trimethylbenzene
 Concen: 5.00 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004326.D
 Acq: 29 Jul 2018 20:49

Tgt Ion:105 Resp: 16707
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.7 68.0





#95

Naphthalene

Concen: 294.99 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004326.D

Acq: 29 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

GW-04(3-5)

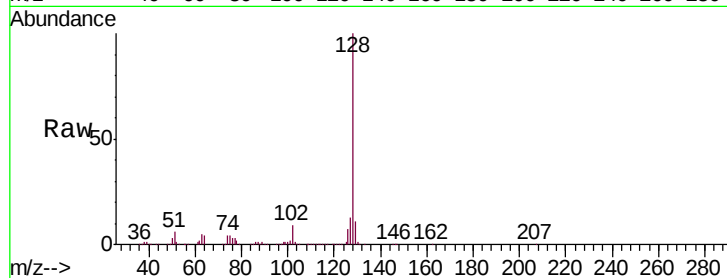
Tot Ion:128 Resp: 586178

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

