

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004347.D
 Acq On : 30 Jul 2018 07:36
 Operator : SY/AP
 Sample : J4109-06
 Misc : 7.55G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(8-10)

Quant Time: Jul 30 08:51:50 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	90638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	131958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51983	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	38534	42.15	ug/l	0.00
Spiked Amount			Recovery	=	84.30%	
35) Dibromofluoromethane	7.88	113	37660	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	10.33	98	144549	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	12.62	95	52414	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	

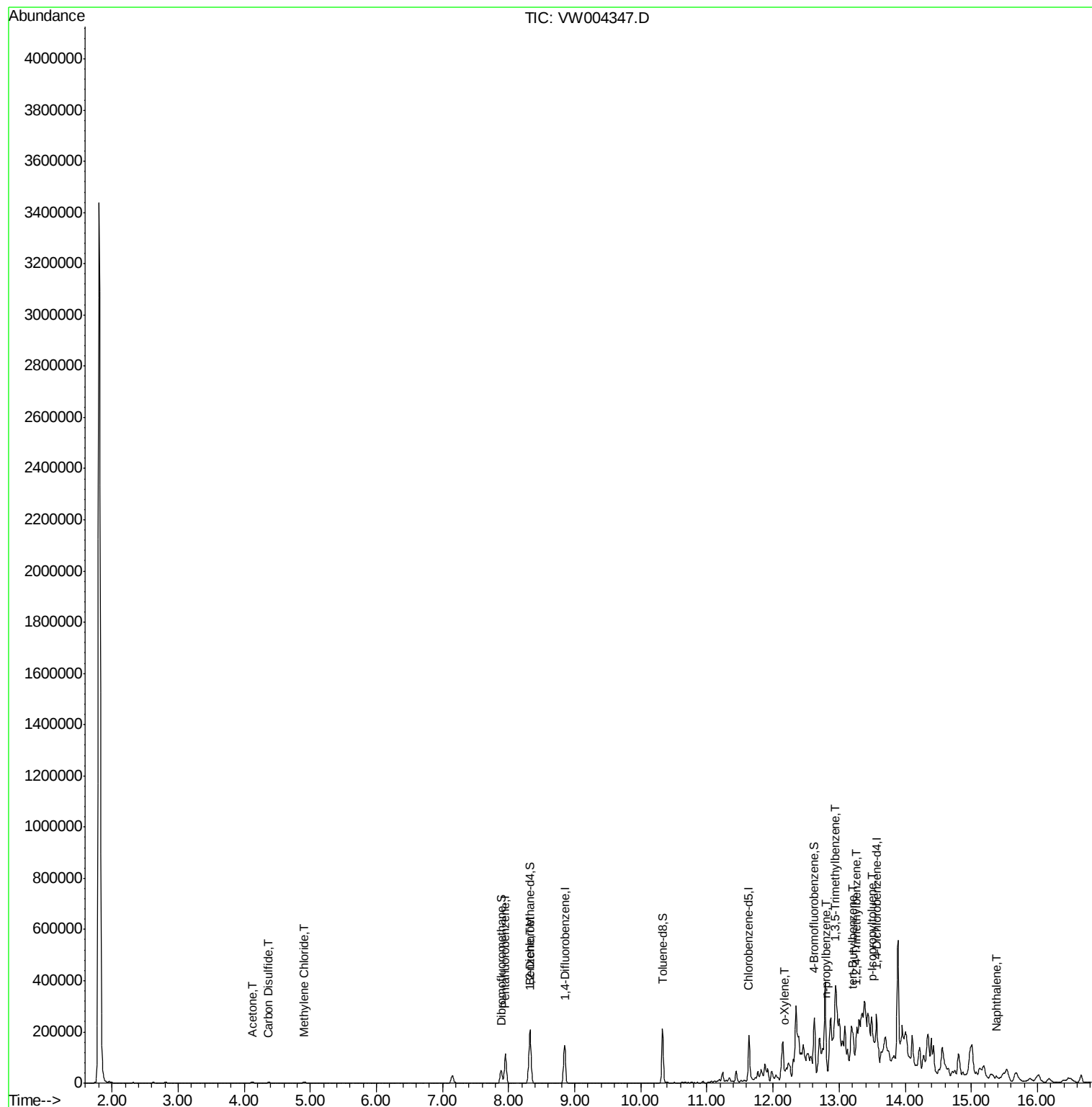
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	8854	49.53	ug/l	98
17) Carbon Disulfide	4.37	76	5466	2.52	ug/l	98
20) Methylene Chloride	4.91	84	3671	2.73	ug/l #	70
40) Benzene	8.33	78	186258	50.16	ug/l	98
69) o-Xylene	12.18	106	1408	1.00	ug/l	81
78) n-propylbenzene	12.81	91	5648	1.29	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	12685	4.09	ug/l	95
83) tert-Butylbenzene	13.21	119	19234	7.44	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	26970	8.52	ug/l	96
86) p-Isopropyltoluene	13.51	119	6242	1.84	ug/l #	63
95) Naphthalene	15.38	128	11637	6.17	ug/l #	94

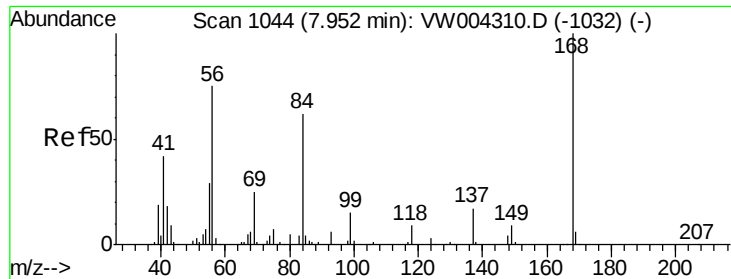
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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Operator : SY/AP
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Misc : 7.55G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
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SB-11(8-10)

Quant Time: Jul 30 08:51:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
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: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

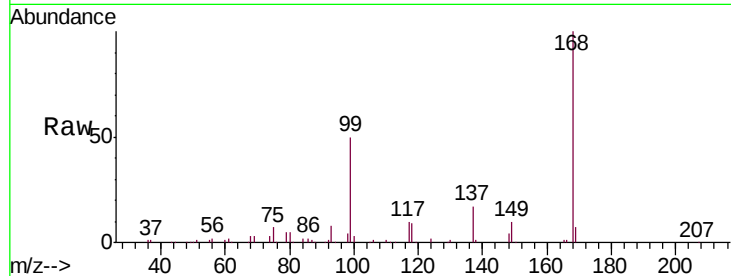
SB-11(8-10)

Tot Ion:168 Resp: 90638

Ion Ratio Lower Upper

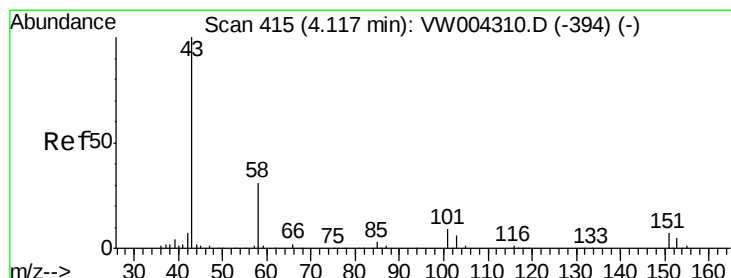
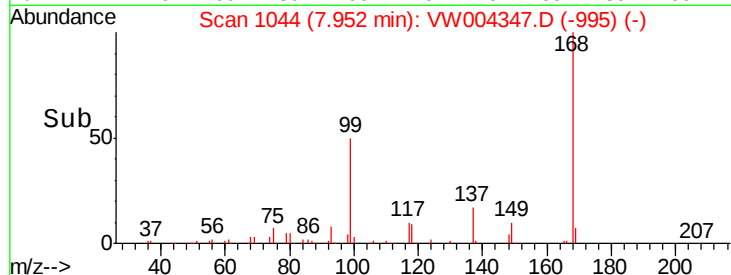
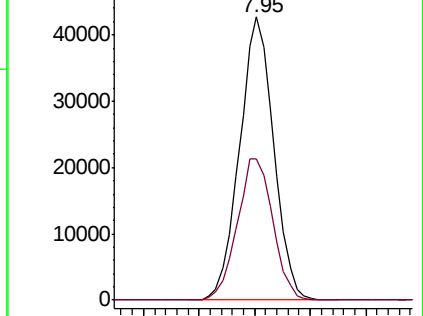
168 100

99 49.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 49.53 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004347.D

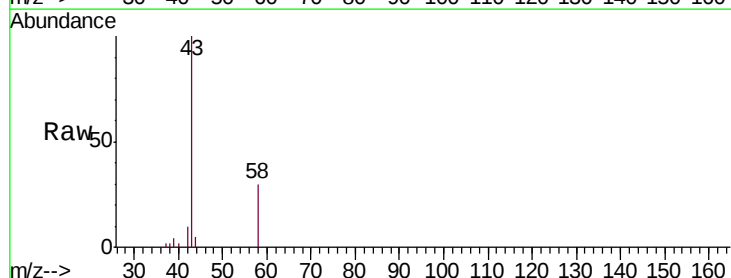
Acq: 30 Jul 2018 07:36

Tgt Ion: 43 Resp: 8854

Ion Ratio Lower Upper

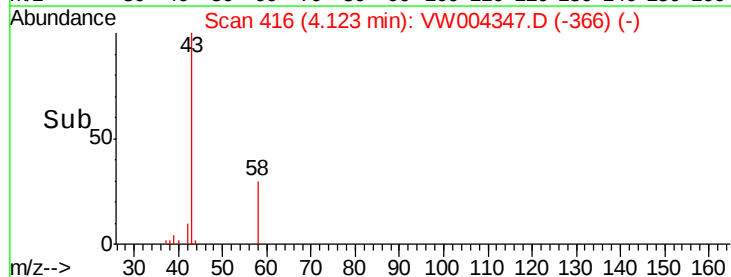
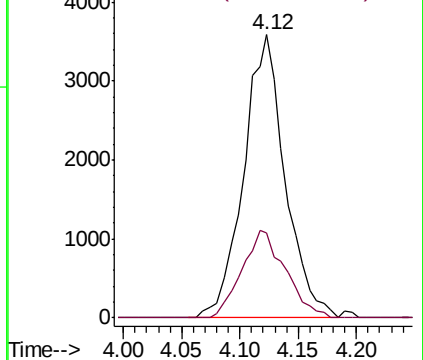
43 100

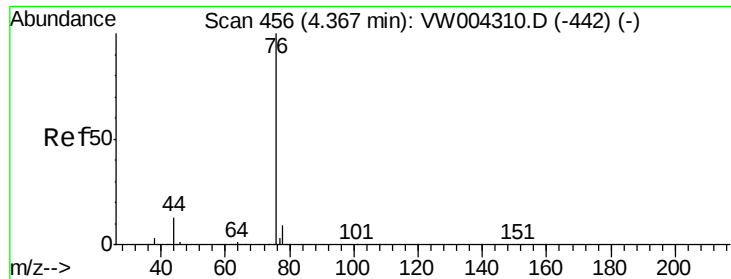
58 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

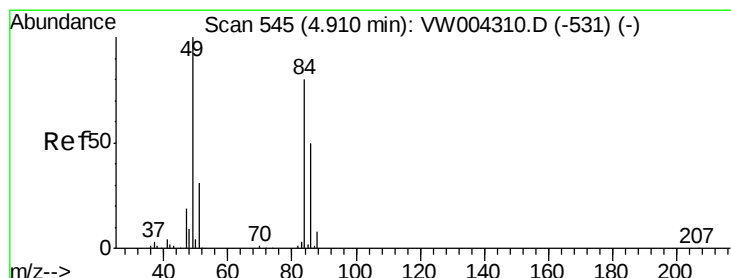
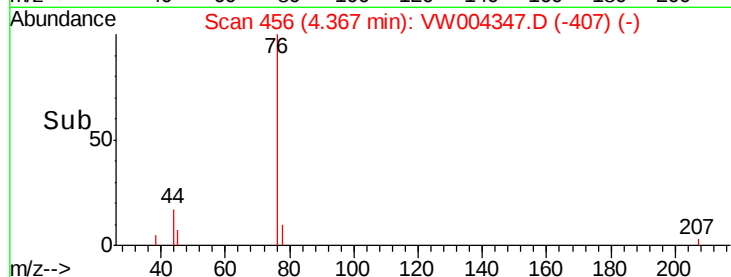
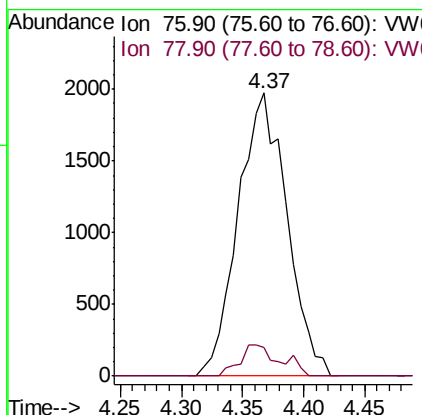
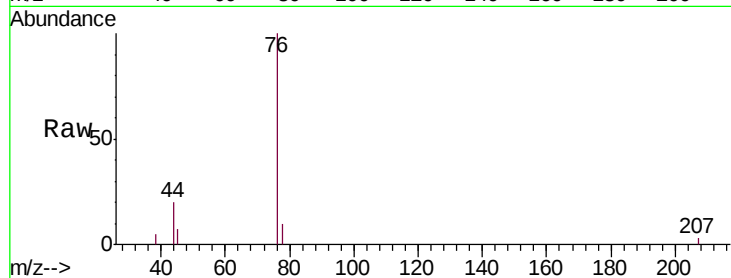




#17
Carbon Disulfide
Concen: 2.52 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

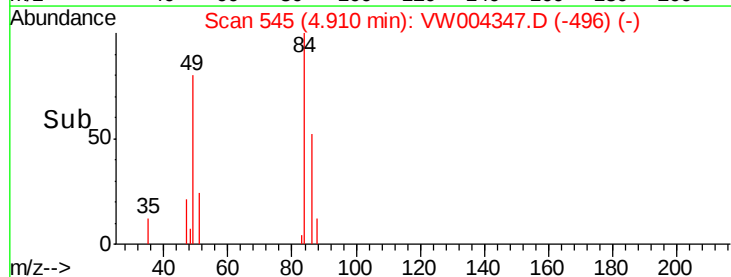
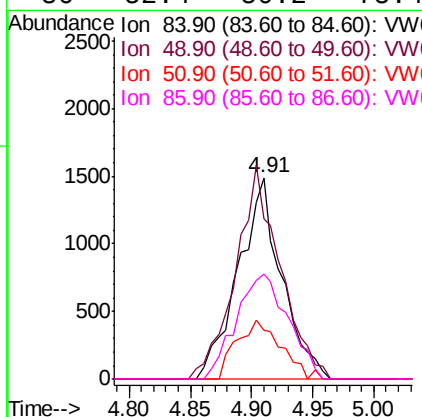
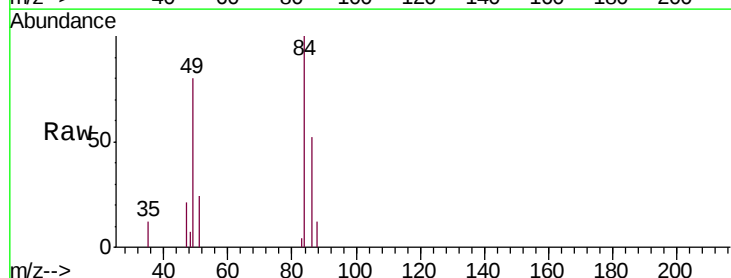
Instrument :
MSVOA_W
ClientSampleId :
SB-11(8-10)

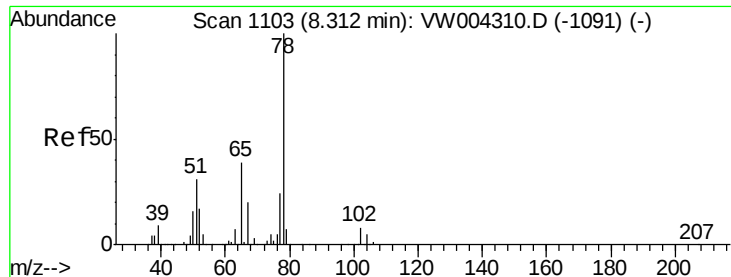
Tot Ion: 76 Resp: 5466
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#20
Methylene Chloride
Concen: 2.73 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 84 Resp: 3671
Ion Ratio Lower Upper
84 100
49 79.6 100.5 150.7#
51 23.9 30.9 46.3#
86 52.4 50.2 75.4

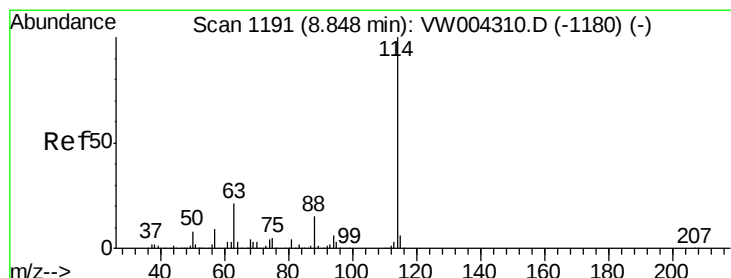
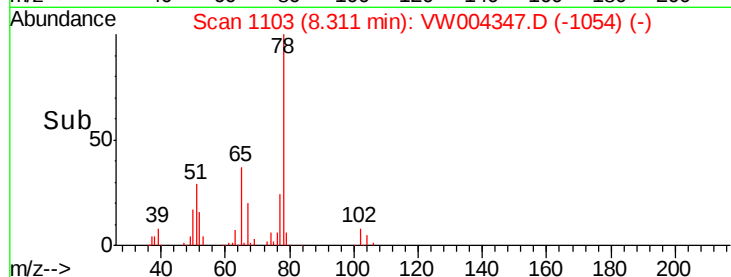
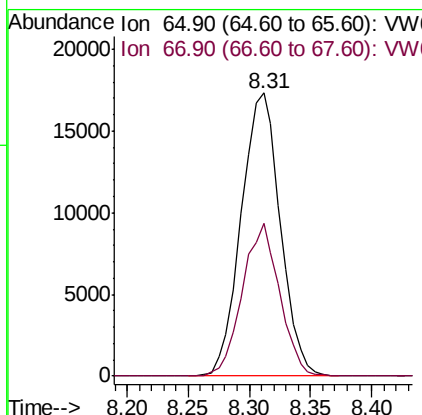
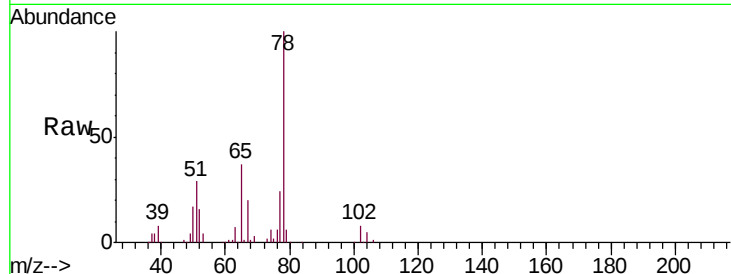




#33
 1,2-Dichloroethane-d4
 Concen: 42.15 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

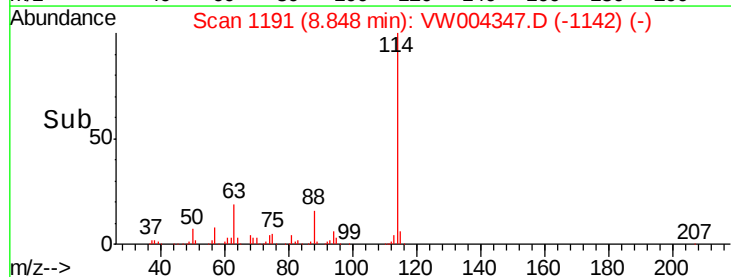
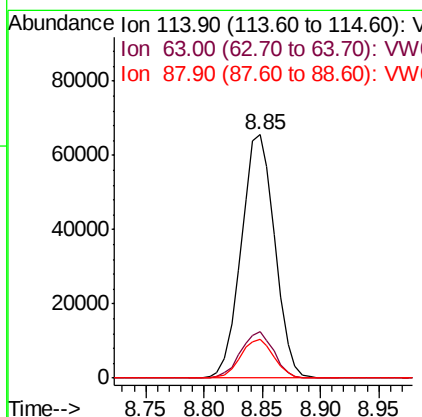
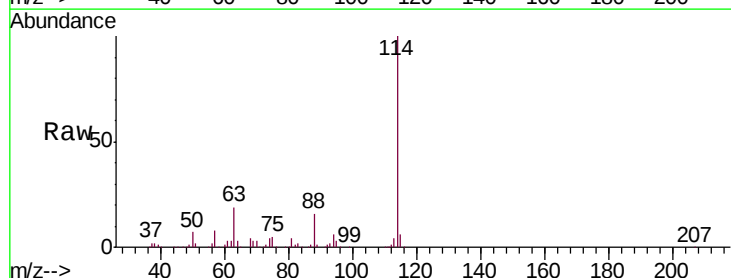
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(8-10)

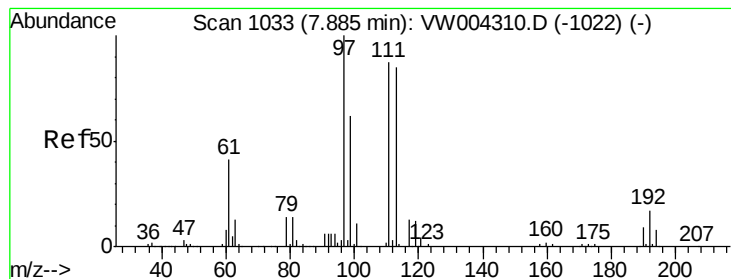
Tot Ion: 65 Resp: 38534
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

Tgt Ion: 114 Resp: 131958
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.16 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

SB-11(8-10)

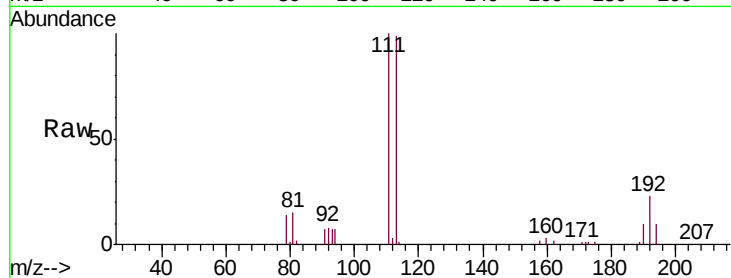
Tot Ion:113 Resp: 37660

Ion Ratio Lower Upper

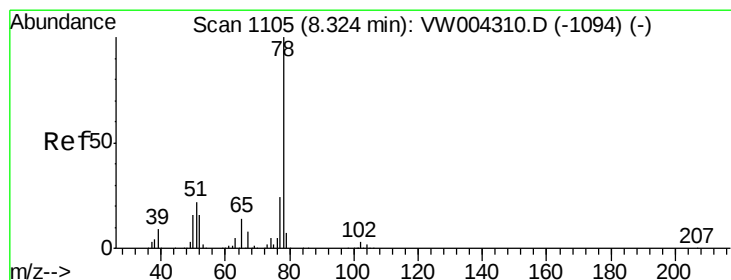
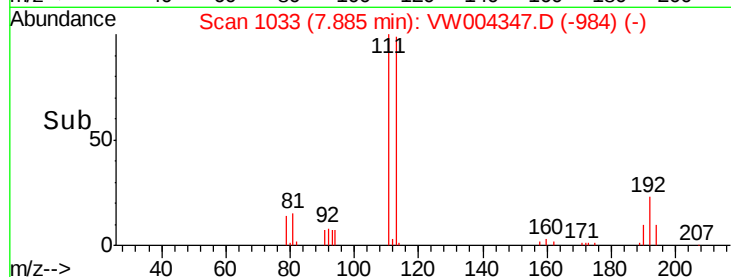
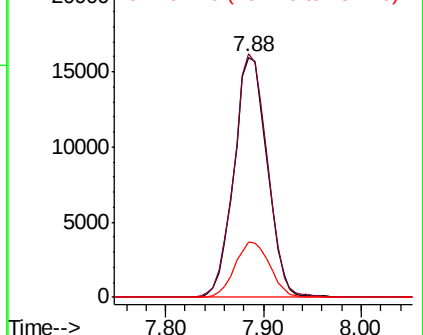
113 100

111 101.7 82.1 123.1

192 23.9 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: 50.16 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VW004347.D

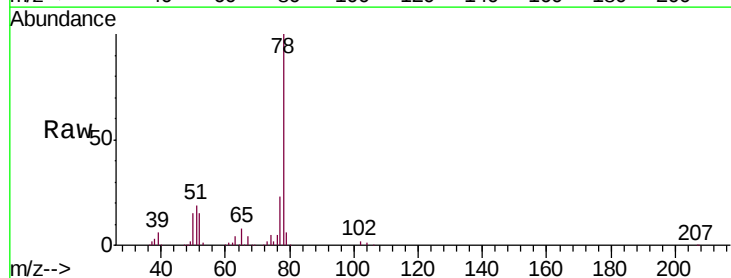
Acq: 30 Jul 2018 07:36

Tgt Ion: 78 Resp: 186258

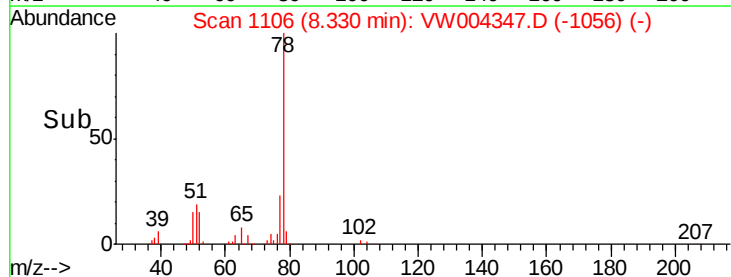
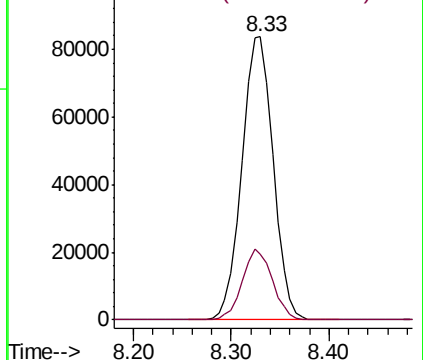
Ion Ratio Lower Upper

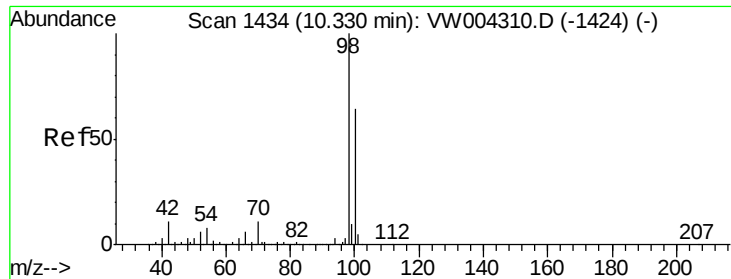
78 100

77 23.4 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: 43.86 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

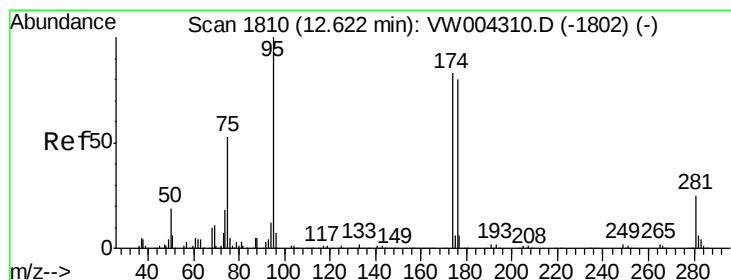
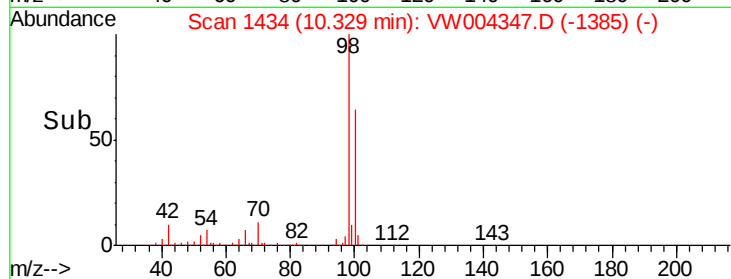
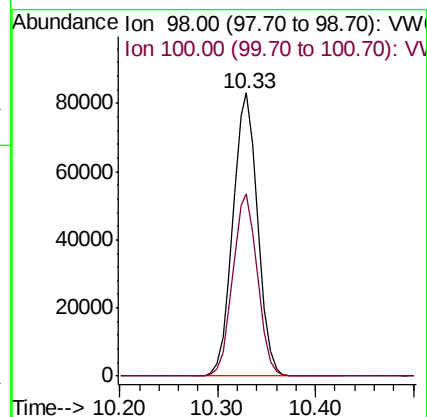
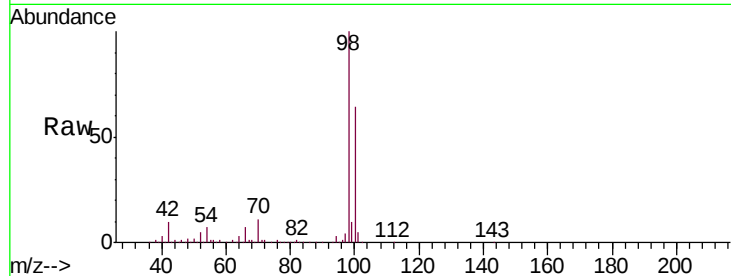
SB-11(8-10)

Tot Ion: 98 Resp: 144549

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.17 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

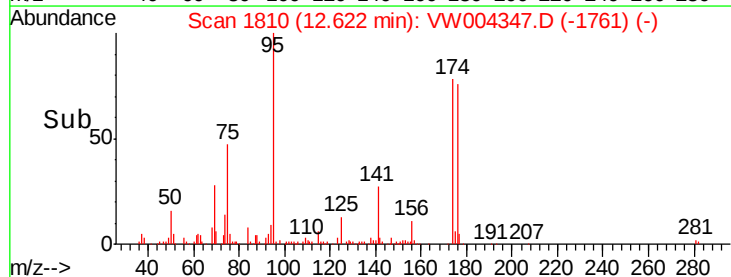
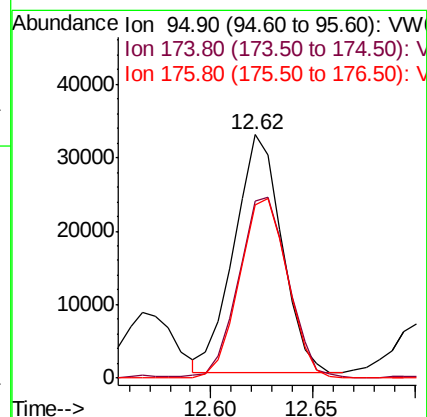
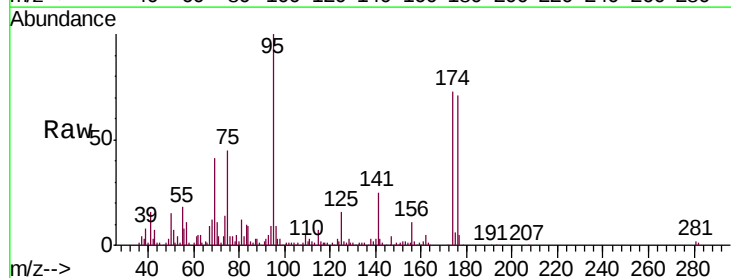
Tgt Ion: 95 Resp: 52414

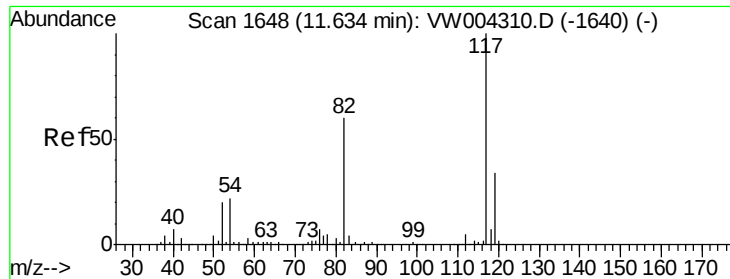
Ion Ratio Lower Upper

95 100

174 78.6 0.0 167.8

176 76.6 0.0 162.4

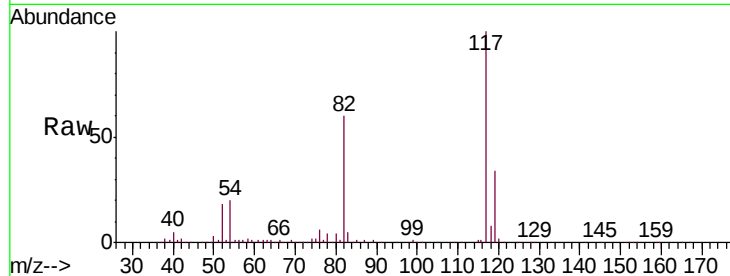




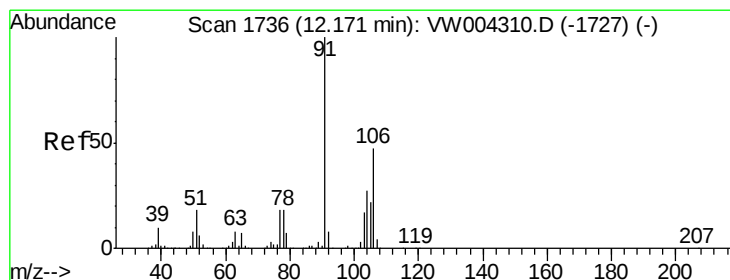
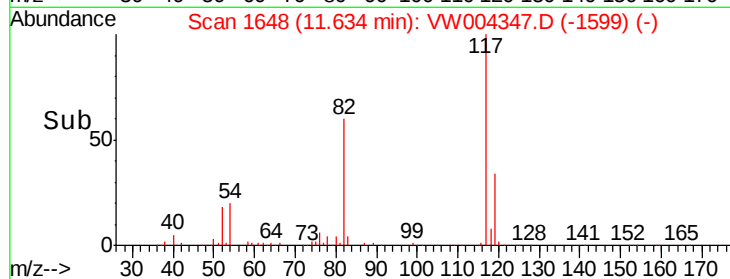
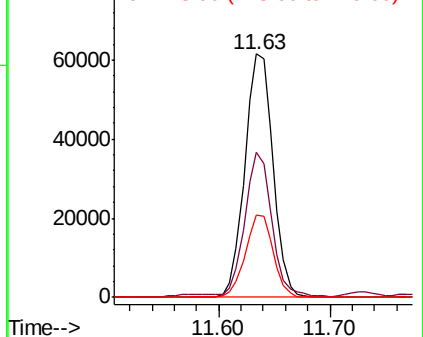
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Instrument :
MSVOA_W
ClientSampled :
SB-11(8-10)

Tot Ion:117 Resp: 108116
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 33.8 27.1 40.7

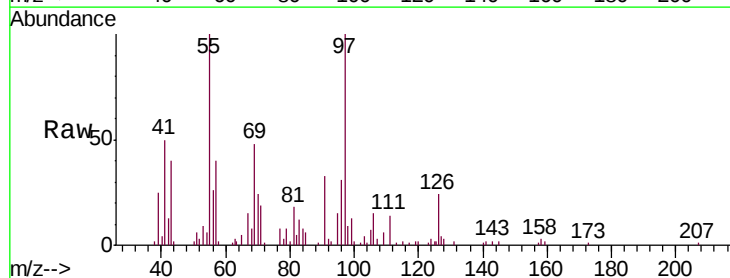


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

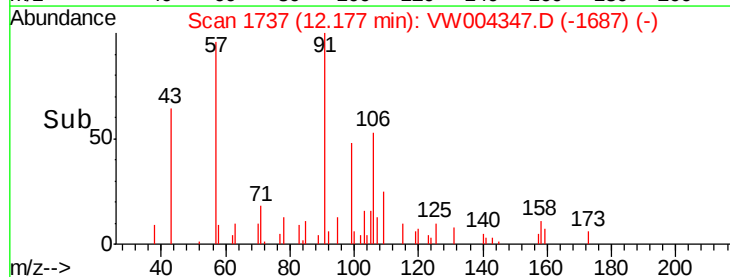
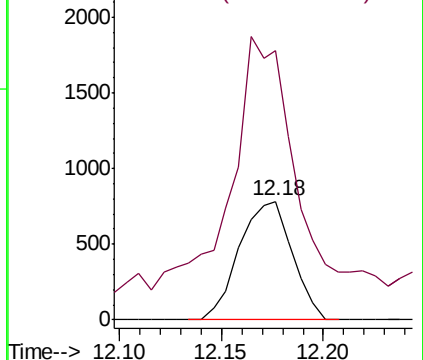


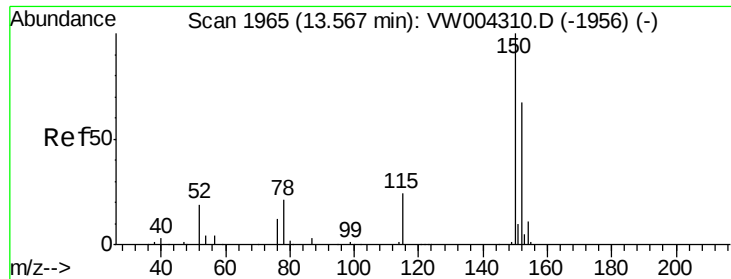
#69
o-Xylene
Concen: 1.00 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion:106 Resp: 1408
Ion Ratio Lower Upper
106 100
91 248.4 108.7 326.1



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



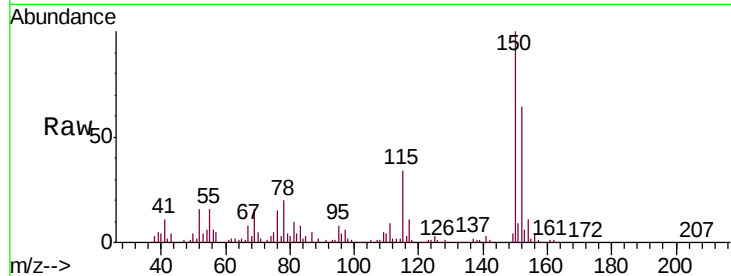


#72

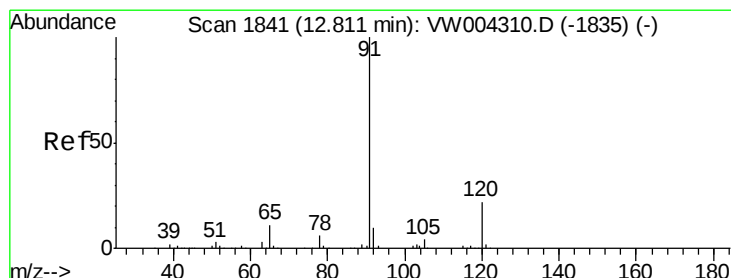
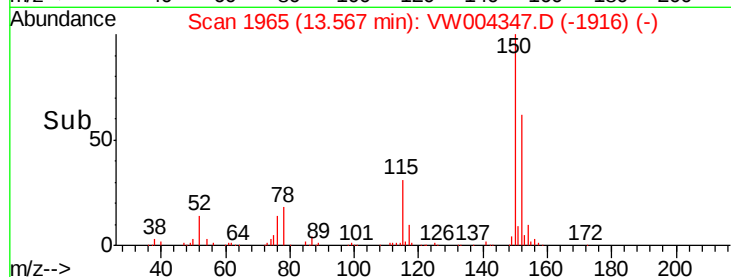
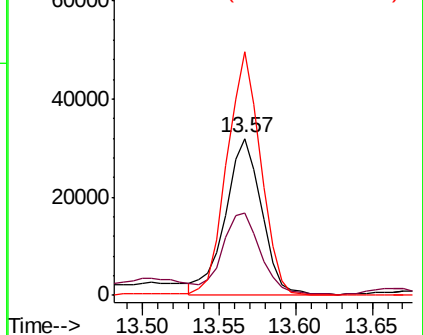
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Instrument :
MSVOA_W
ClientSampleId :
SB-11(8-10)

Tot Ion:152 Resp: 51983
Ion Ratio Lower Upper
152 100
115 55.3 28.8 86.4
150 145.1 0.0 346.4



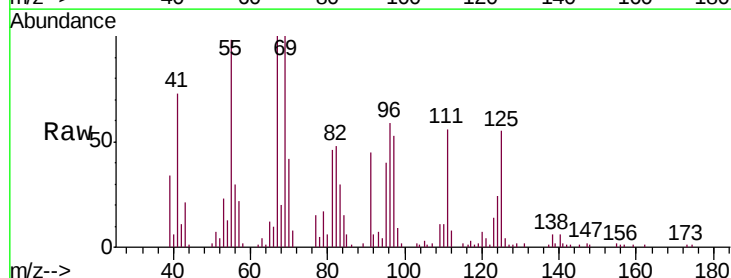
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



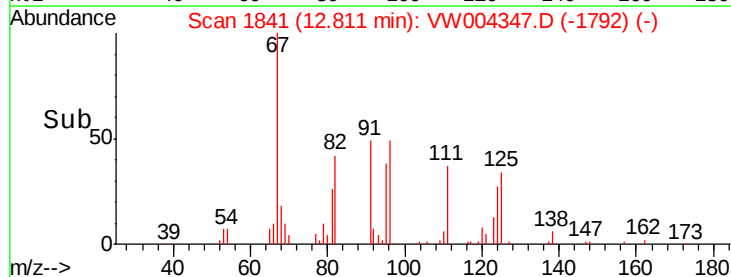
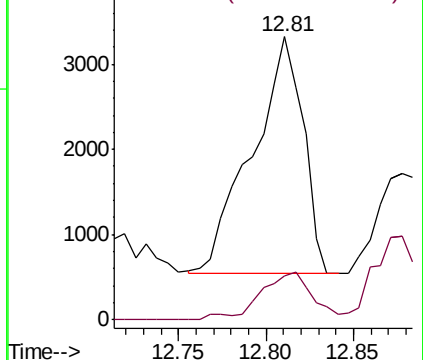
#78

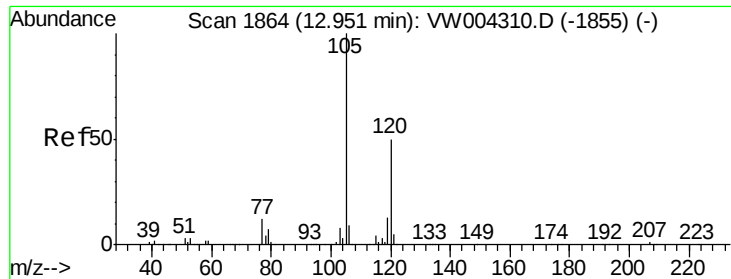
n-propylbenzene
Concen: 1.29 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 91 Resp: 5648
Ion Ratio Lower Upper
91 100
120 20.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

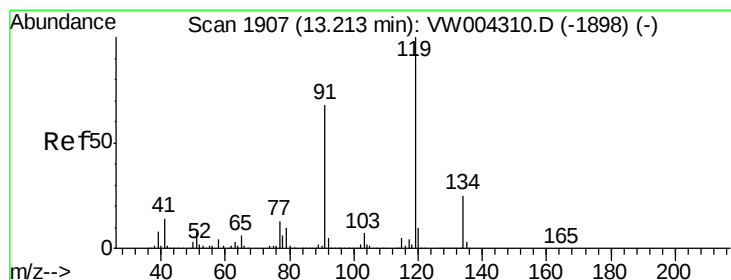
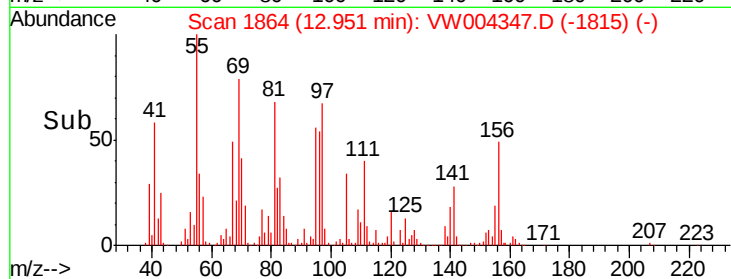
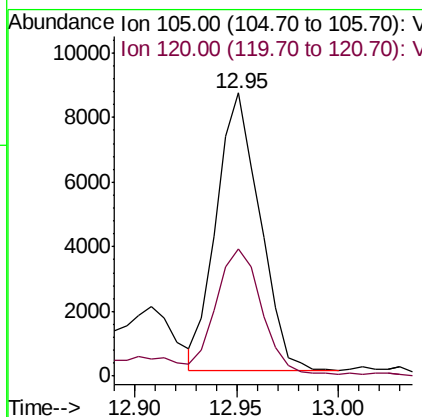
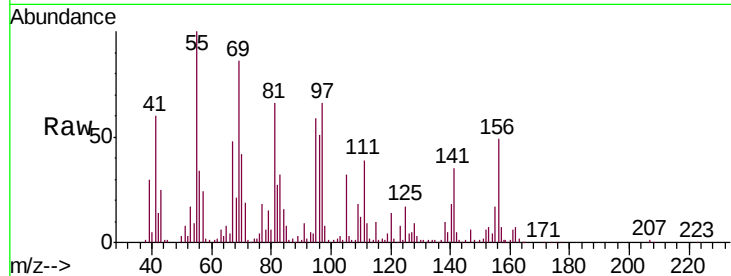




#80
 1,3,5-Trimethylbenzene
 Concen: 4.09 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

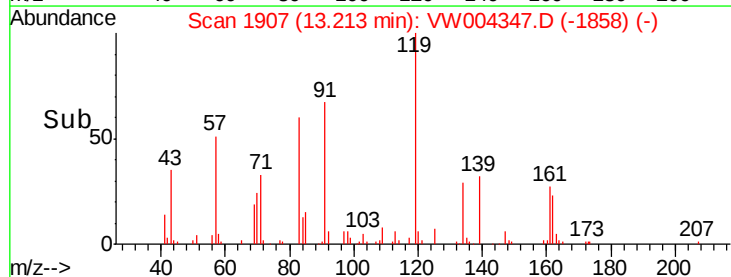
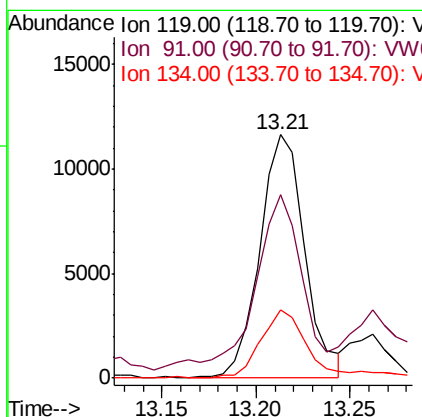
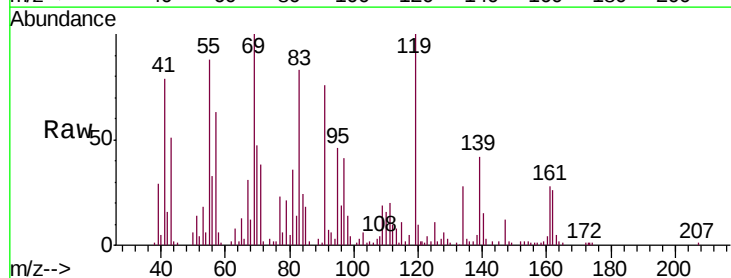
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(8-10)

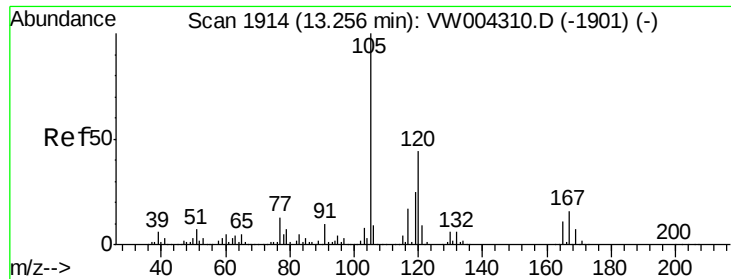
Tot Ion:105 Resp: 12685
 Ion Ratio Lower Upper
 105 100
 120 46.9 25.1 75.2



#83
 tert-Butylbenzene
 Concen: 7.44 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

Tgt Ion:119 Resp: 19234
 Ion Ratio Lower Upper
 119 100
 91 74.5 32.8 98.3
 134 28.5 12.2 36.6

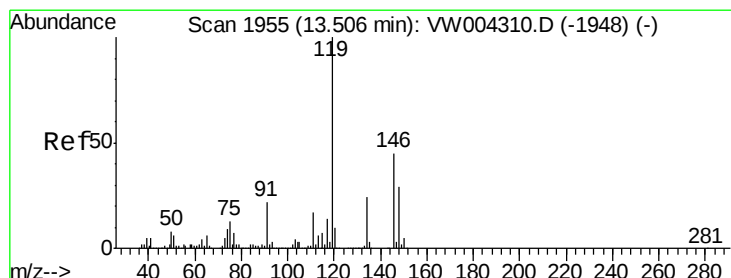
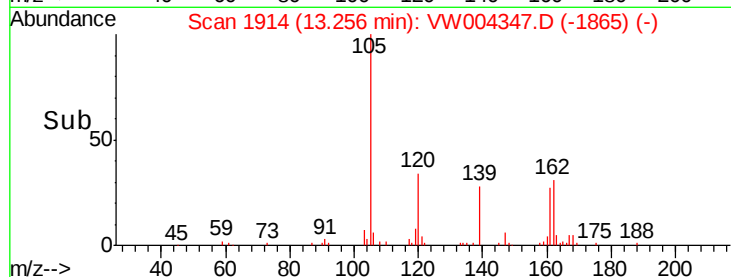
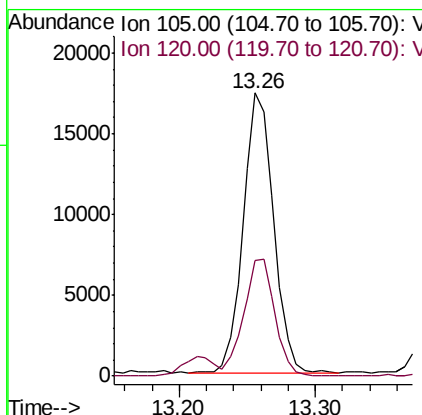
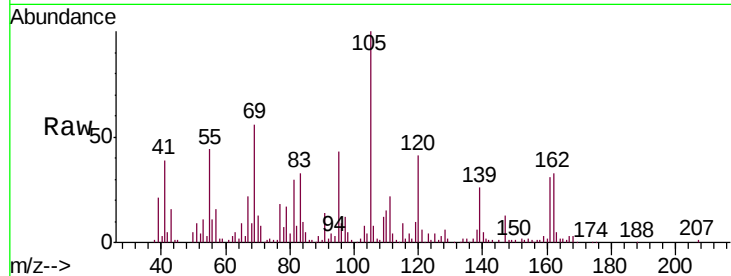




#84
 1,2,4-Trimethylbenzene
 Concen: 8.52 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

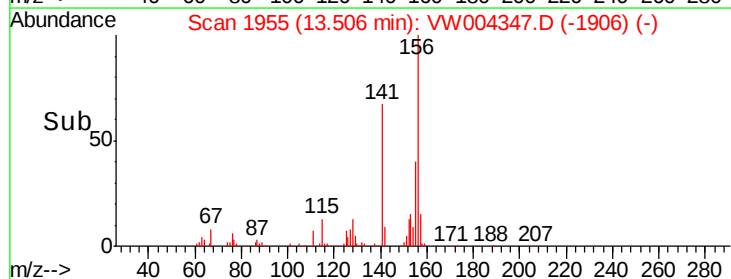
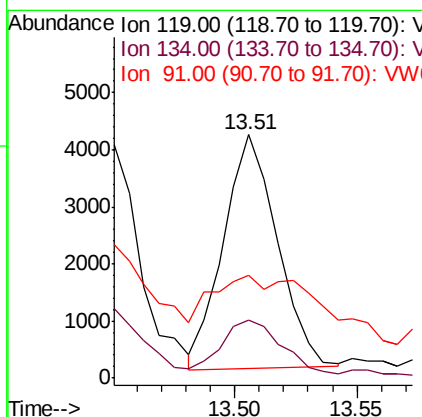
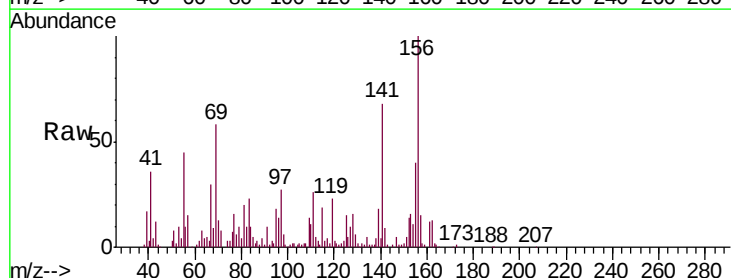
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(8-10)

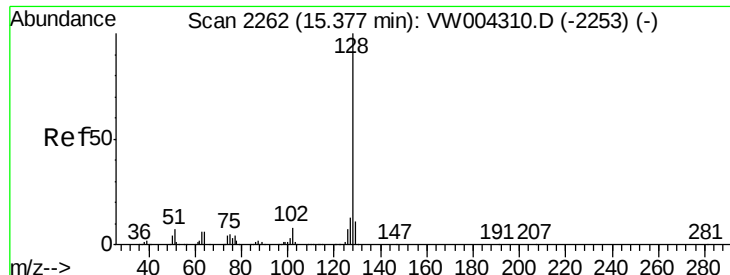
Tot Ion:105 Resp: 26970
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.7 68.0



#86
 p-Isopropyltoluene
 Concen: 1.84 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

Tgt Ion:119 Resp: 6242
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 60.4 11.3 33.9#





#95

Naphthalene

Concen: 6.17 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004347.D

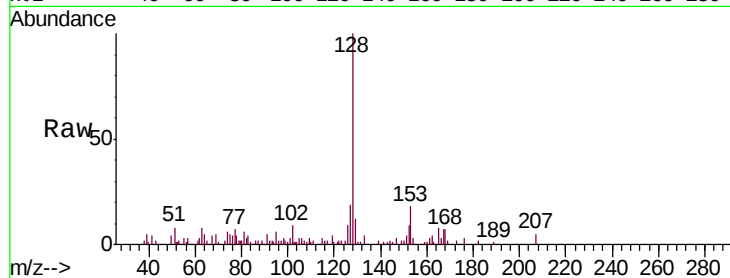
Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

SB-11(8-10)



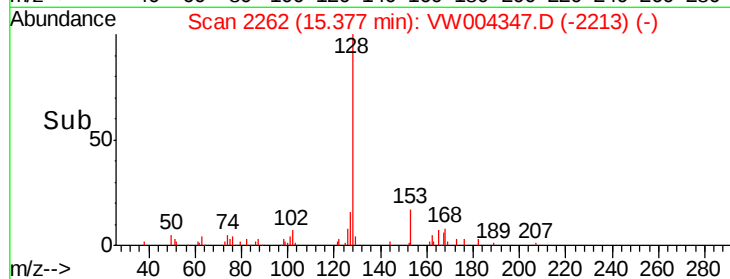
Tot Ion:128 Resp: 11637

Ion Ratio Lower Upper

128 100

127 15.0 10.4 15.6

129 8.2 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

