

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004346.D
 Acq On : 30 Jul 2018 07:10
 Operator : SY/AP
 Sample : J4109-05
 Misc : 8.51G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(3-5)

Quant Time: Jul 30 08:45:41 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	135336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	207311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61281	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	68623	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	65032	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	10.33	98	241038	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	12.63	95	66294	36.36	ug/l	0.00
Spiked Amount			Recovery	=	72.72%	

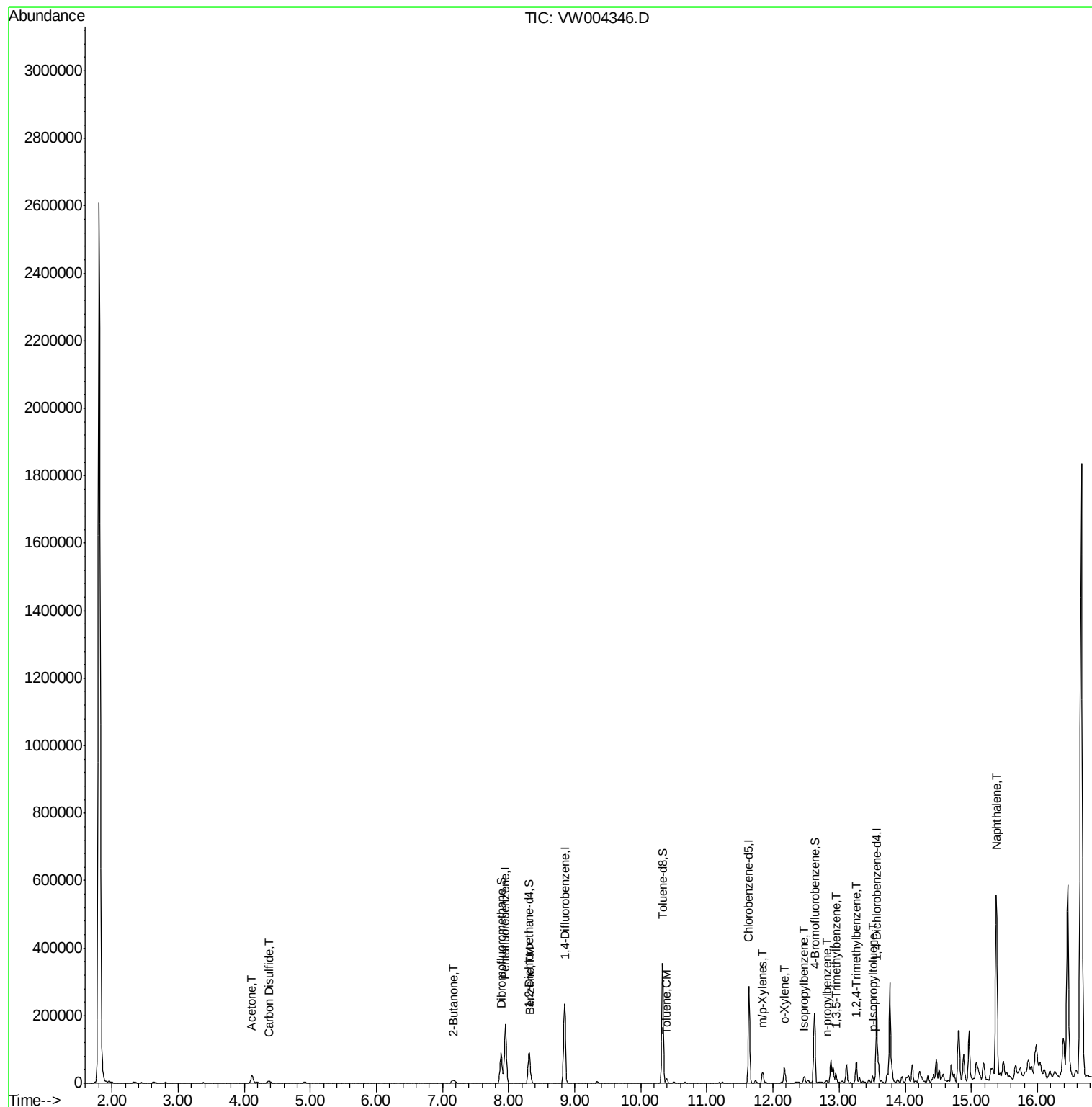
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	36898	116.02	ug/l	100
17) Carbon Disulfide	4.37	76	11417	3.30	ug/l	97
25) 2-Butanone	7.18	43	9998	26.37	ug/l #	86
40) Benzene	8.33	78	22669	3.89	ug/l	99
52) Toluene	10.40	92	5442	1.49	ug/l	96
68) m/p-Xylenes	11.84	106	10565	4.43	ug/l	96
69) o-Xylene	12.17	106	11121	5.05	ug/l	100
73) Isopropylbenzene	12.47	105	10878	2.56	ug/l	98
78) n-propylbenzene	12.81	91	5220	1.01	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	12017	3.28	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	34966	9.37	ug/l	99
86) p-Isopropyltoluene	13.51	119	8181	2.04	ug/l	92
95) Naphthalene	15.38	128	480995	216.46	ug/l	100

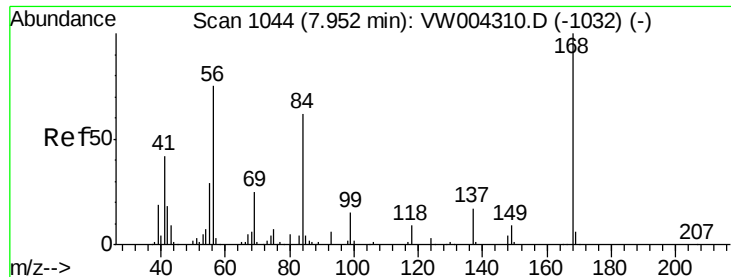
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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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: VW004346.D

Acq: 30 Jul 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

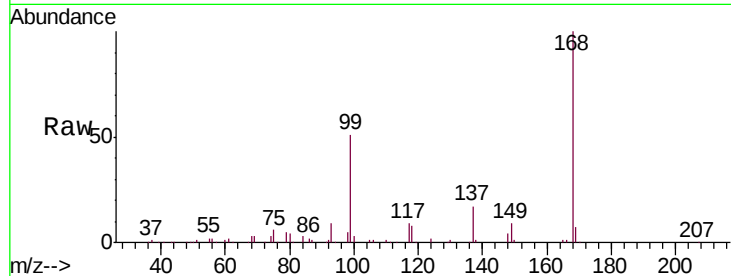
SB-11(3-5)

Tot Ion:168 Resp: 135336

Ion Ratio Lower Upper

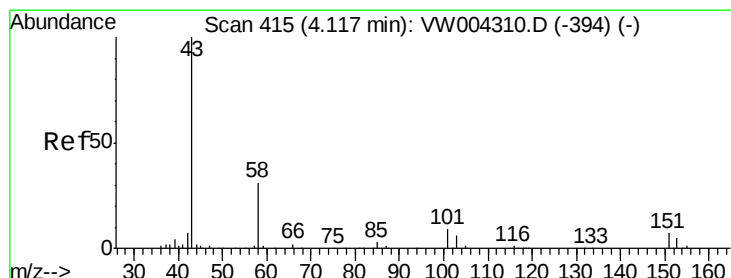
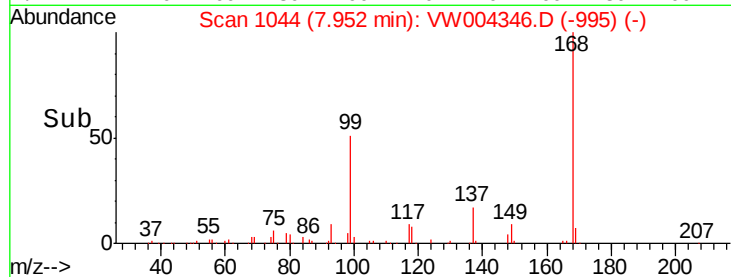
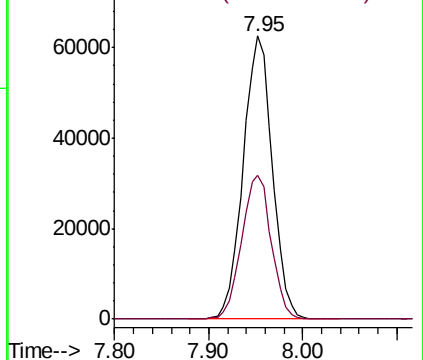
168 100

99 50.7 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: 116.02 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004346.D

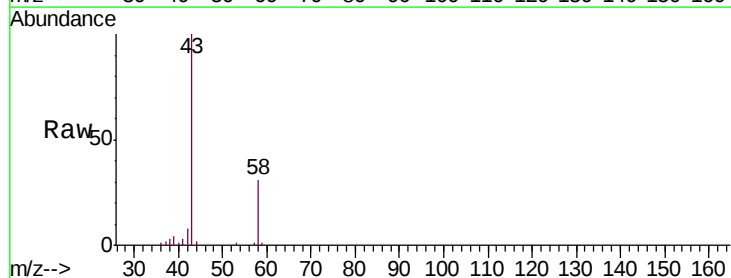
Acq: 30 Jul 2018 07:10

Tgt Ion: 43 Resp: 36898

Ion Ratio Lower Upper

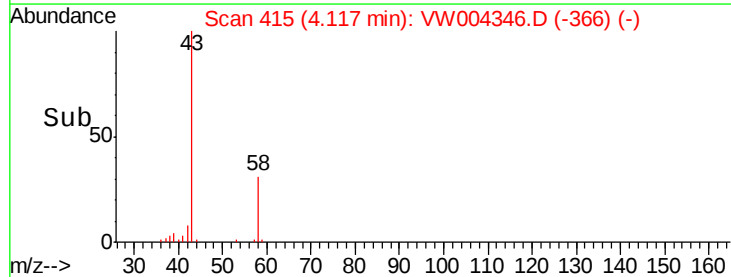
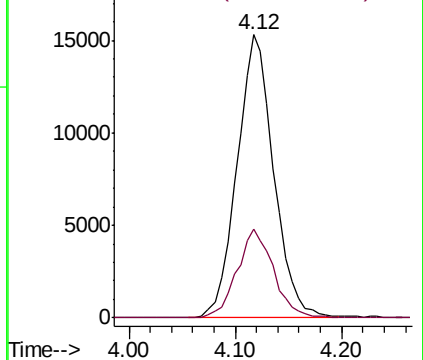
43 100

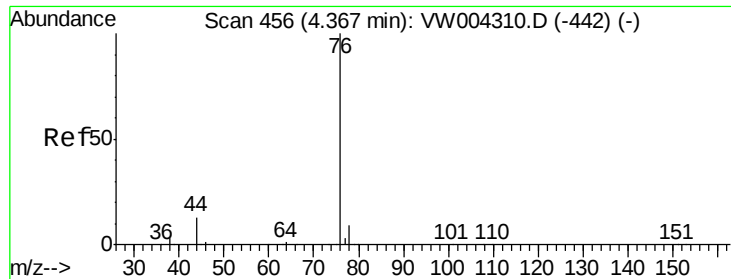
58 31.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

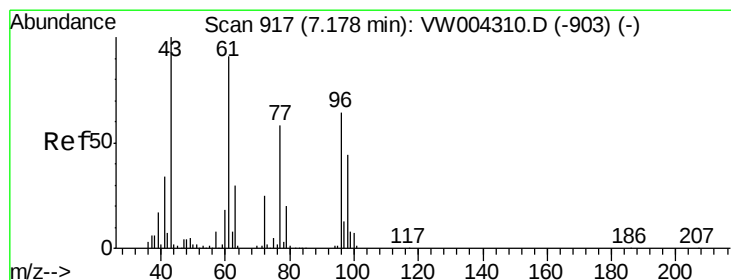
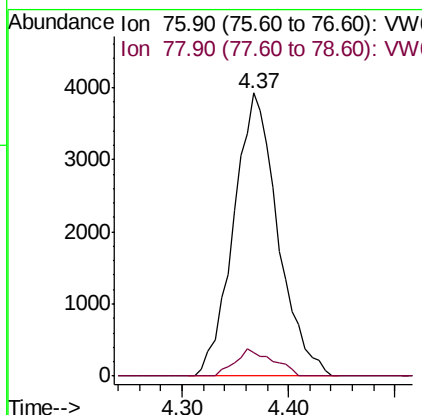
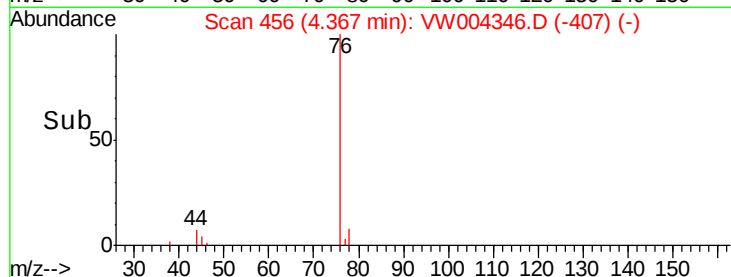
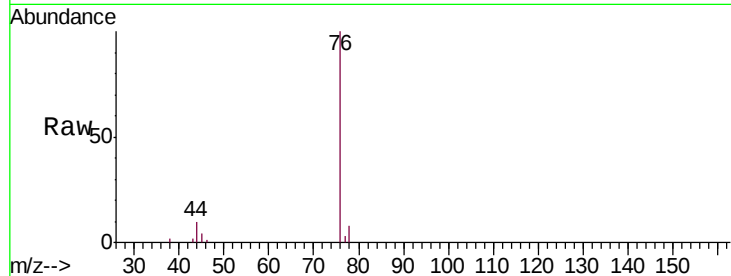




#17
Carbon Disulfide
Concen: 3.30 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

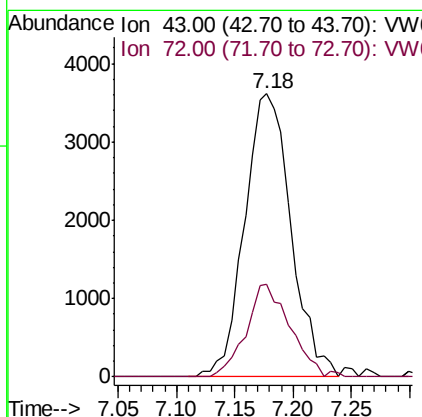
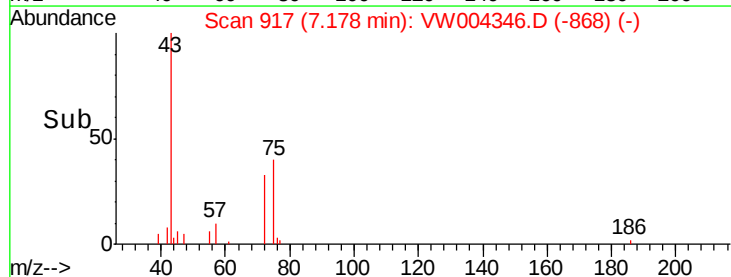
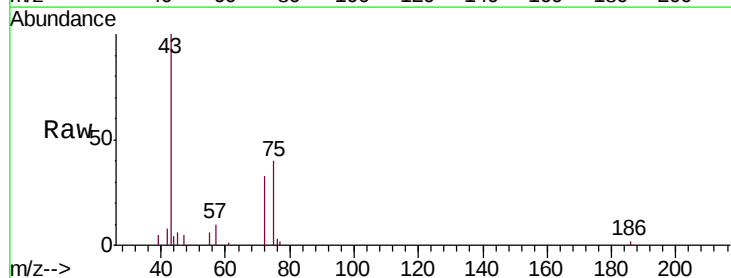
Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

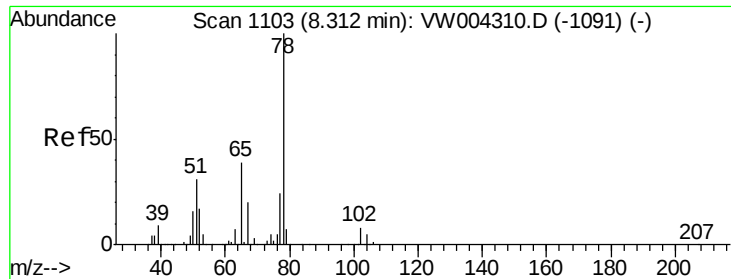
Tot Ion: 76 Resp: 11417
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#25
2-Butanone
Concen: 26.37 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

Tgt Ion: 43 Resp: 9998
Ion Ratio Lower Upper
43 100
72 32.5 20.3 30.5#

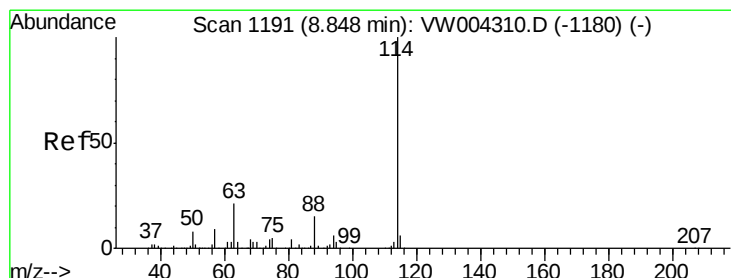
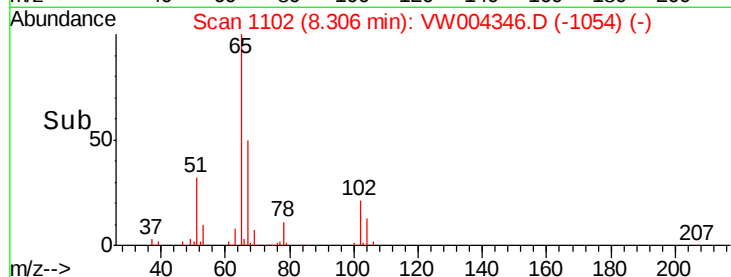
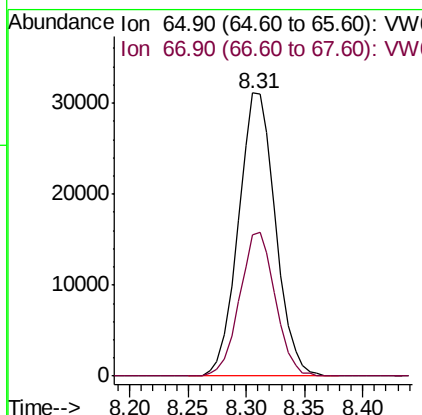
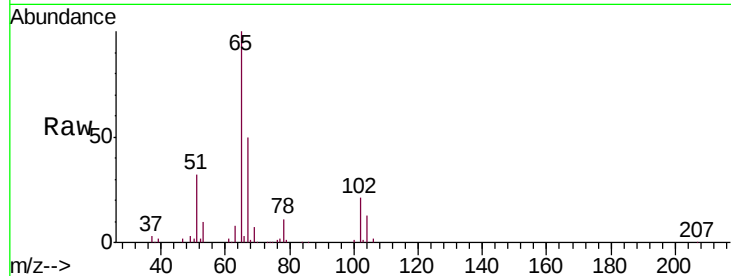




#33
 1,2-Dichloroethane-d4
 Concen: 50.27 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004346.D
 Acq: 30 Jul 2018 07:10

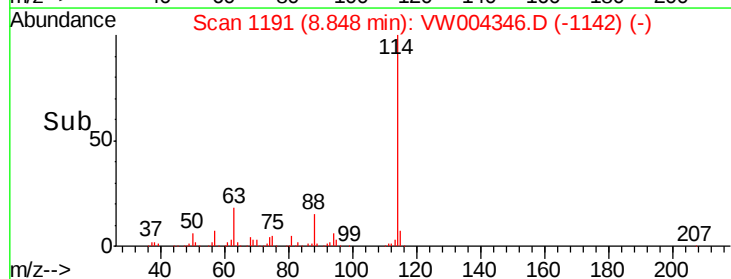
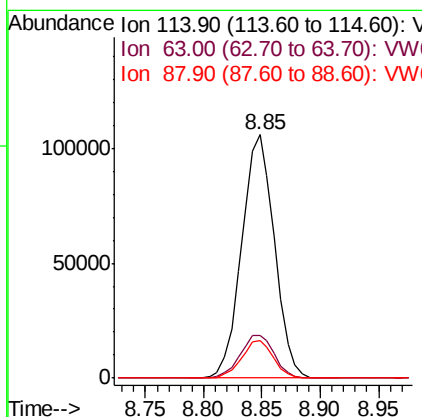
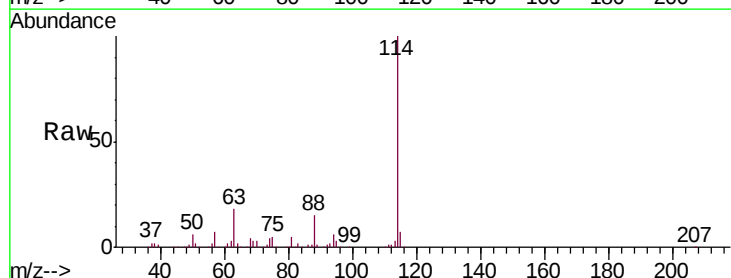
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(3-5)

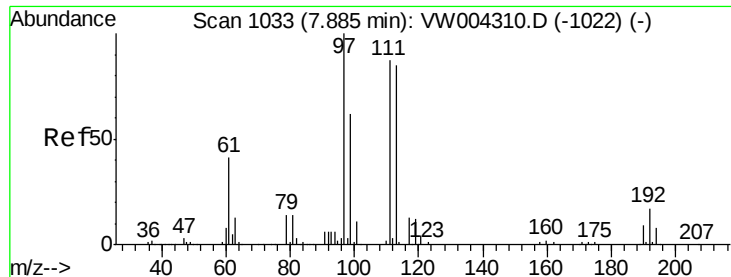
Tot Ion: 65 Resp: 68623
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004346.D
 Acq: 30 Jul 2018 07:10

Tgt Ion: 114 Resp: 207311
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 41.4
 88 15.2 0.0 30.6



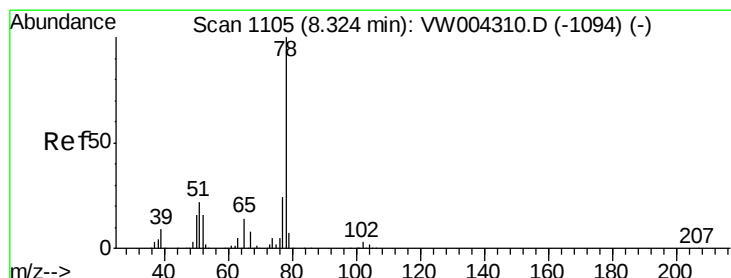
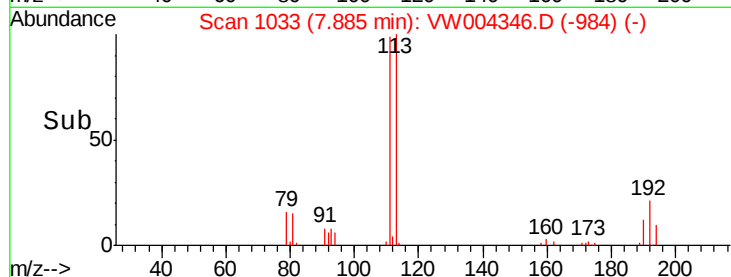
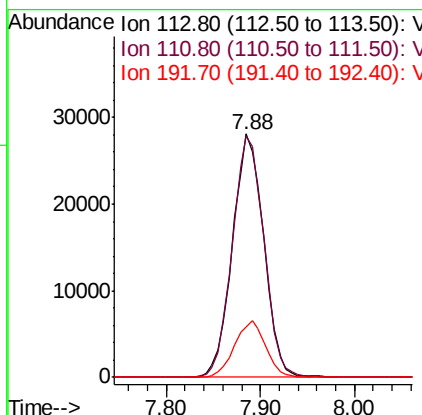
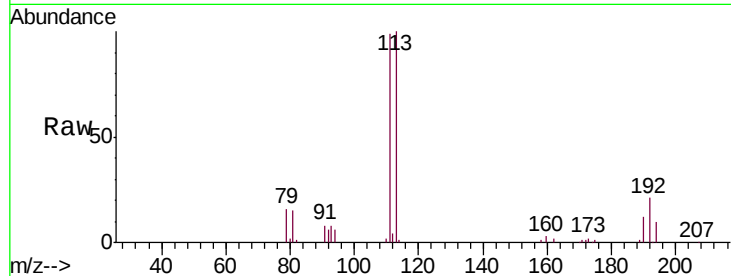


#35
 Dibromofluoromethane
 Concen: 49.64 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004346.D
 Acq: 30 Jul 2018 07:10

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(3-5)

Tot Ion:113 Resp: 65032

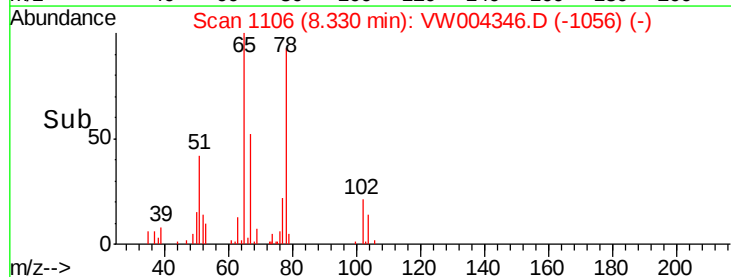
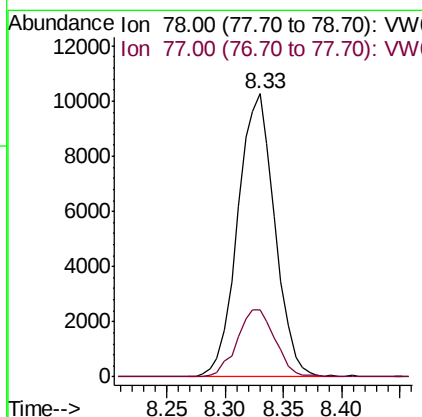
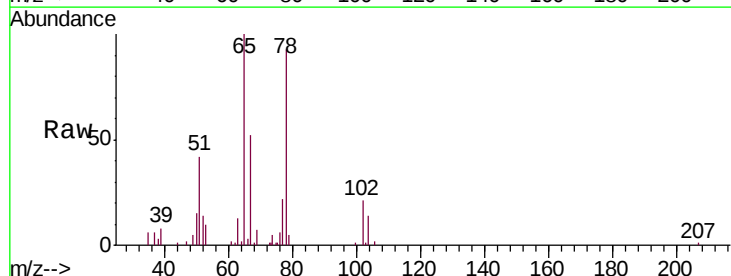
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.1	123.1
192	23.1	16.2	24.4

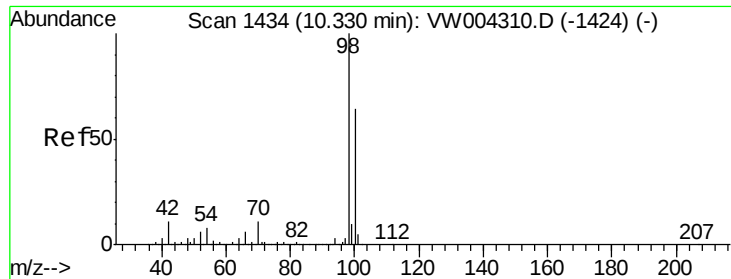


#40
 Benzene
 Concen: 3.89 ug/l
 RT: 8.33 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: VW004346.D
 Acq: 30 Jul 2018 07:10

Tgt Ion: 78 Resp: 22669

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





#50

Toluene-d8

Concen: 46.55 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004346.D

Acq: 30 Jul 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

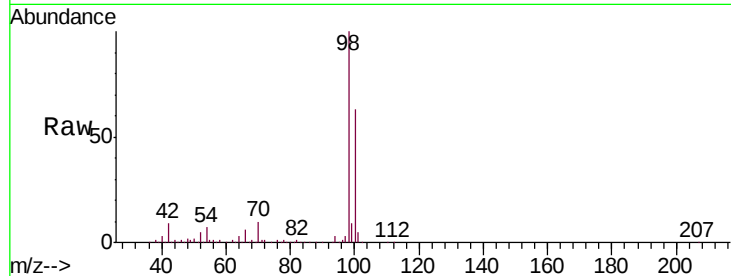
SB-11(3-5)

Tot Ion: 98 Resp: 241038

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

150000

100000

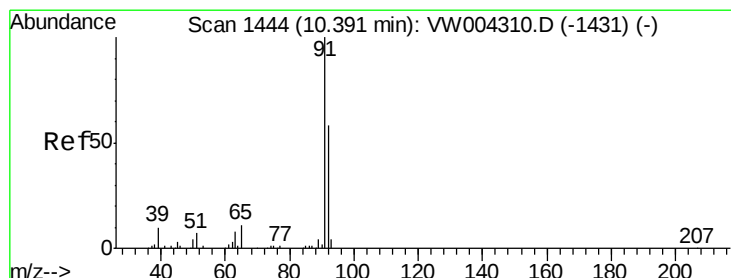
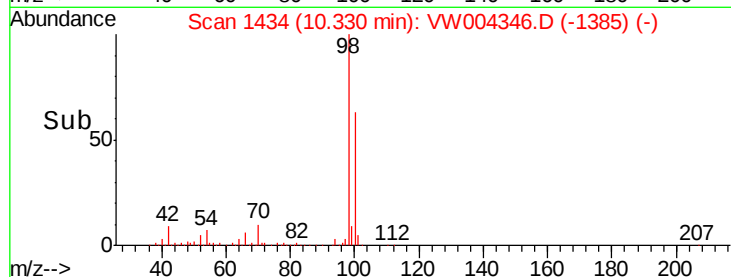
50000

0

10.33

10.30 10.40

Time-->



#52

Toluene

Concen: 1.49 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004346.D

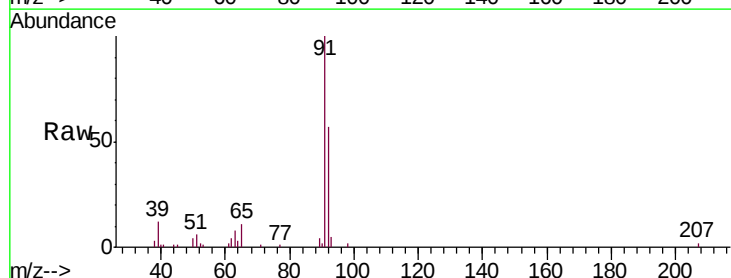
Acq: 30 Jul 2018 07:10

Tgt Ion: 92 Resp: 5442

Ion Ratio Lower Upper

92 100

91 178.9 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

6000

4000

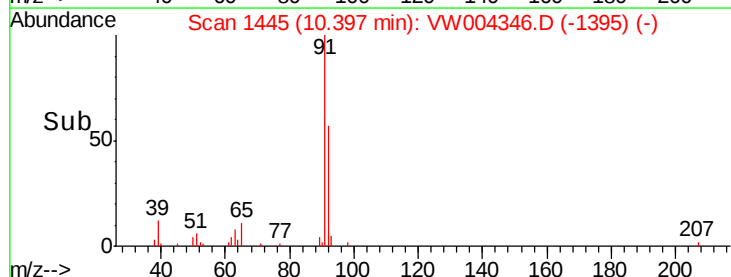
2000

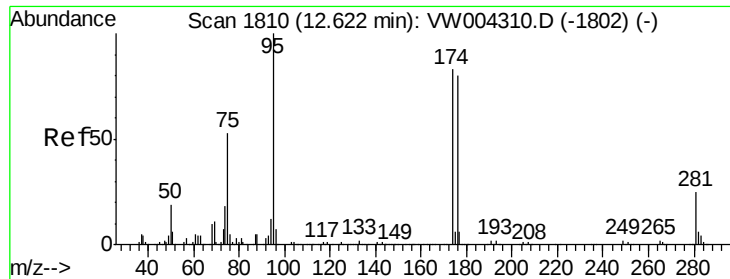
0

10.40

10.35 10.45

Time-->





#62

4-Bromofluorobenzene

Concen: 36.36 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004346.D

Acq: 30 Jul 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

SB-11(3-5)

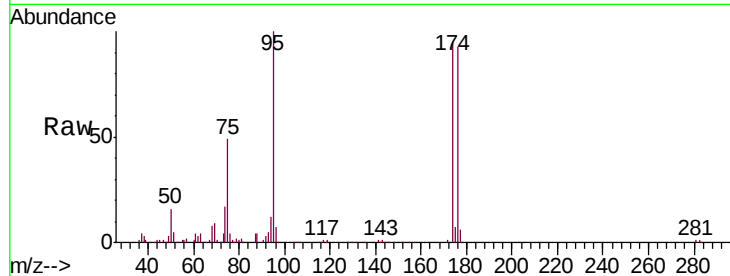
Tot Ion: 95 Resp: 66294

Ion Ratio Lower Upper

95 100

174 93.4 0.0 167.8

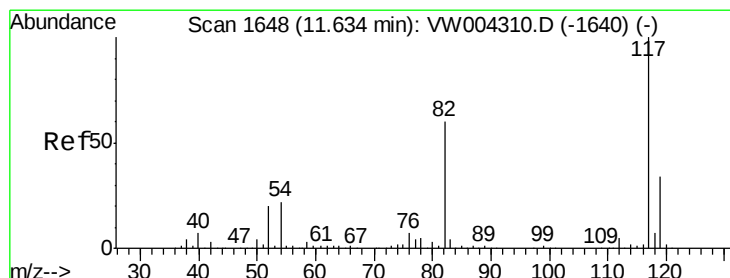
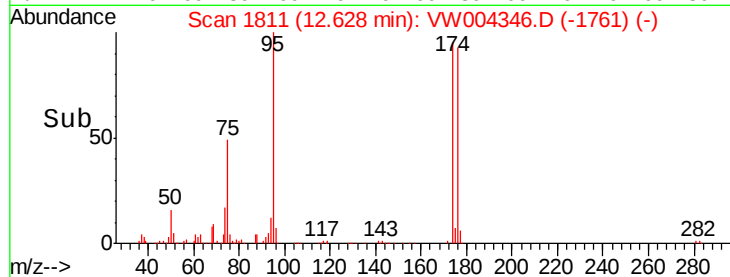
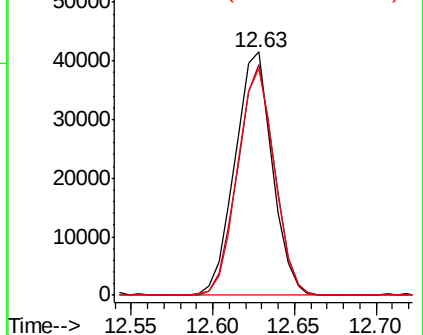
176 92.5 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004346.D

Acq: 30 Jul 2018 07:10

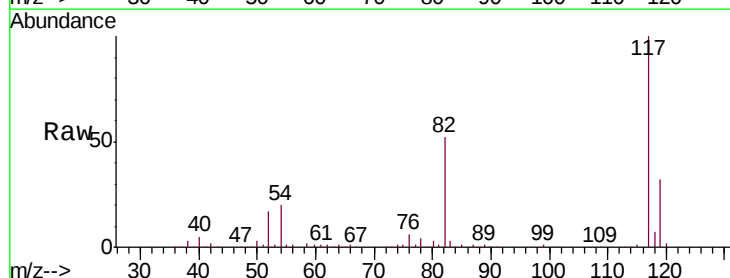
Tgt Ion: 117 Resp: 169168

Ion Ratio Lower Upper

117 100

82 51.7 47.9 71.9

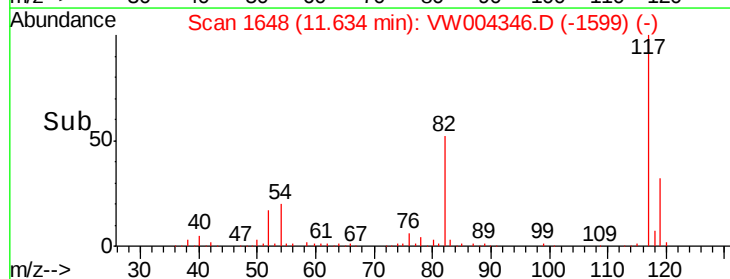
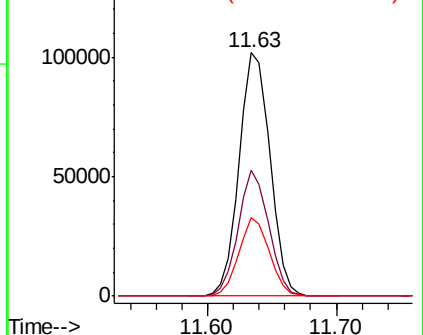
119 32.3 27.1 40.7

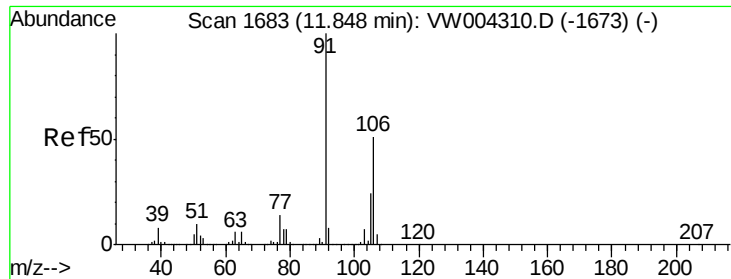


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

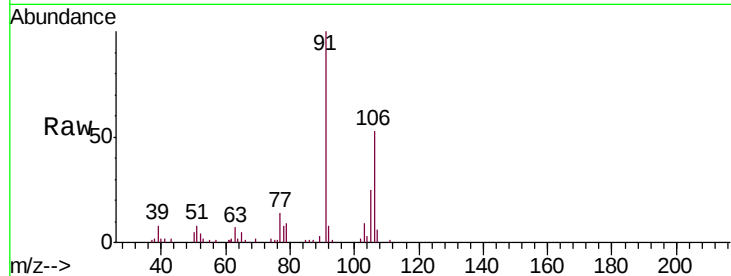




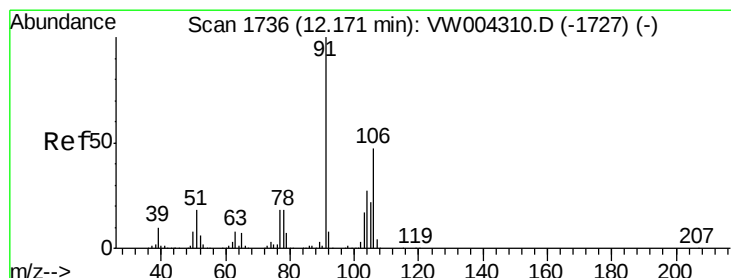
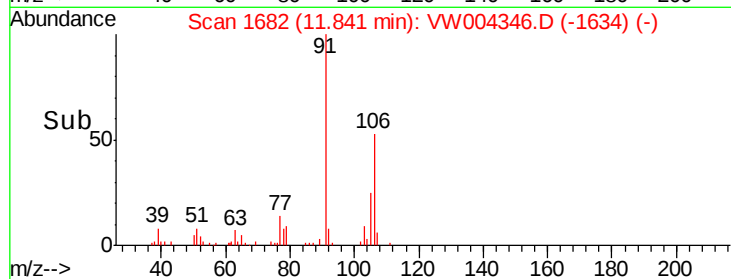
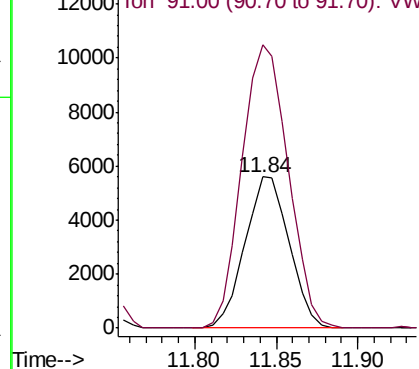
#68
m/p-Xylenes
Concen: 4.43 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

Instrument :
MSVOA_W
ClientSampled :
SB-11(3-5)

Tot Ion:106 Resp: 10565
Ion Ratio Lower Upper
106 100
91 196.3 162.2 243.2

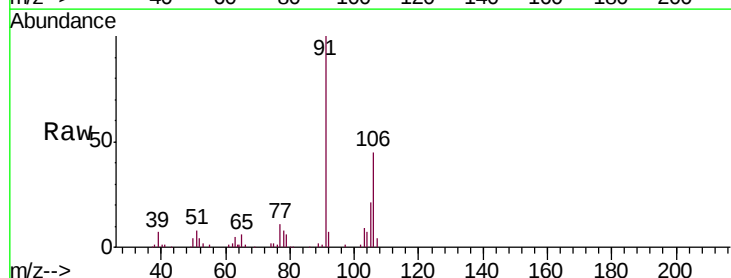


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

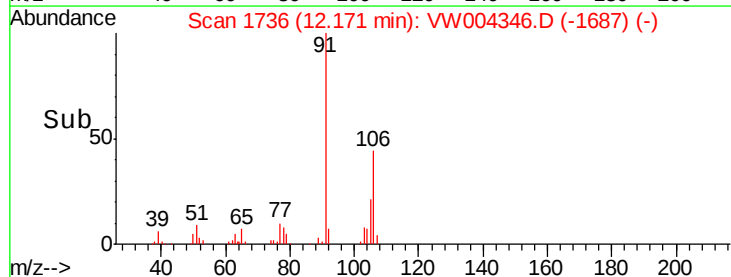
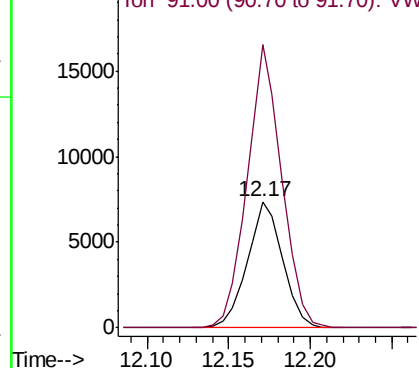


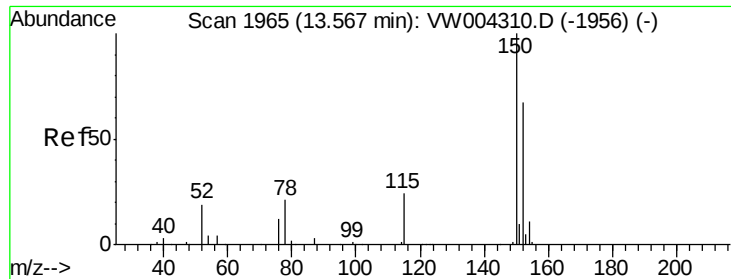
#69
o-Xylene
Concen: 5.05 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

Tgt Ion:106 Resp: 11121
Ion Ratio Lower Upper
106 100
91 217.8 108.7 326.1



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



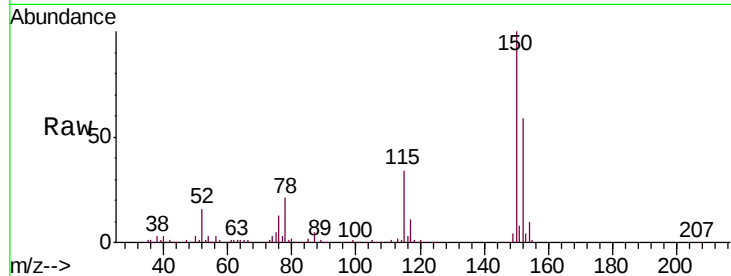


#72

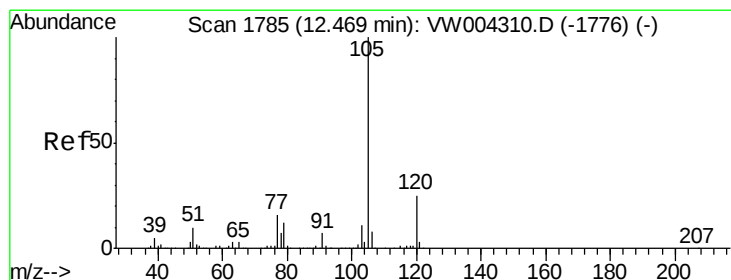
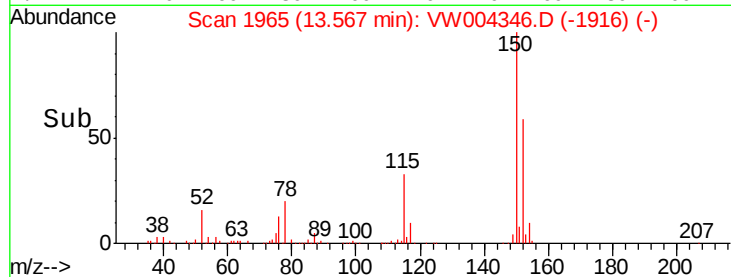
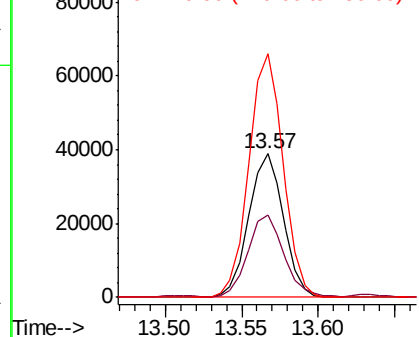
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Tot Ion:152 Resp: 61281
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.4
150 166.8 0.0 346.4



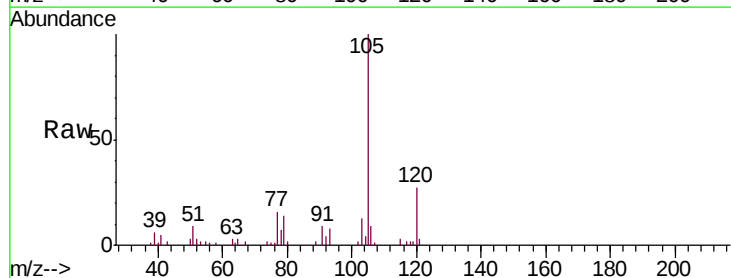
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



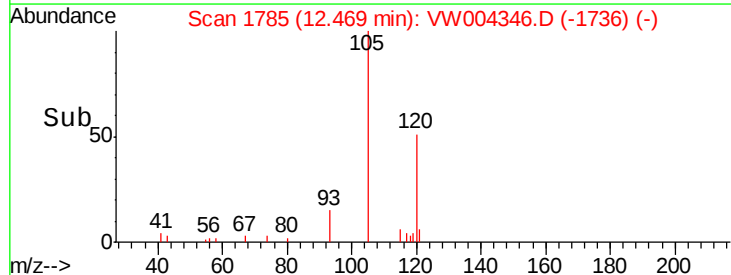
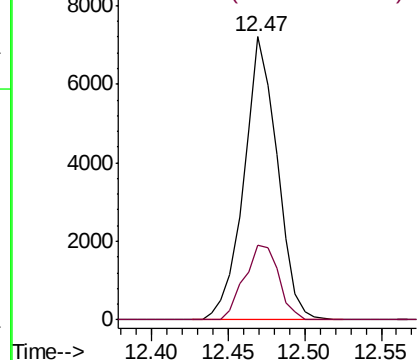
#73

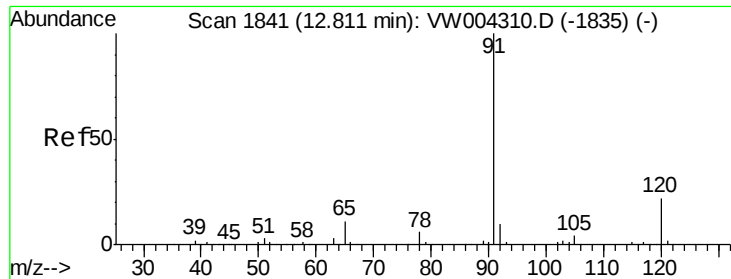
Isopropylbenzene
Concen: 2.56 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

Tgt Ion:105 Resp: 10878
Ion Ratio Lower Upper
105 100
120 27.4 13.2 39.6



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

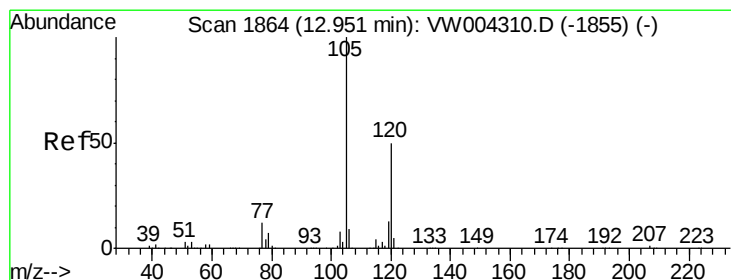
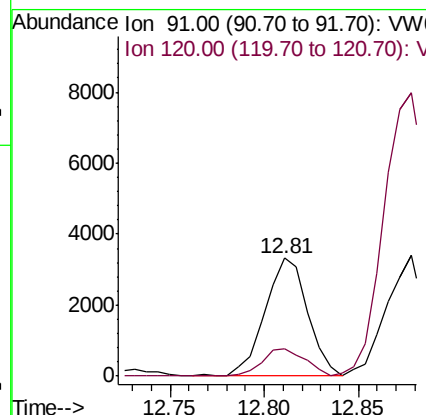
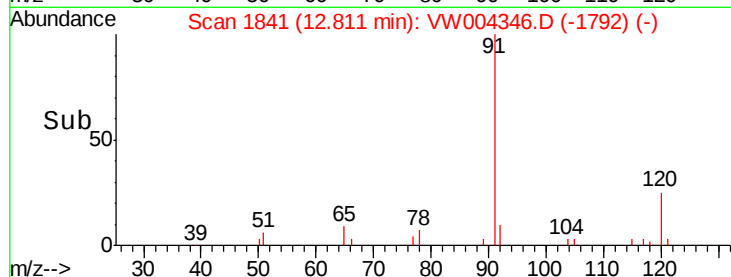
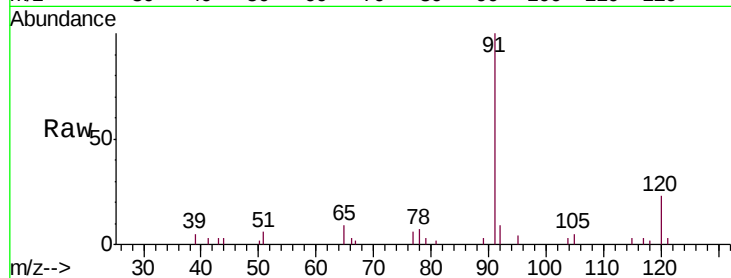




#78
n-propylbenzene
Concen: 1.01 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

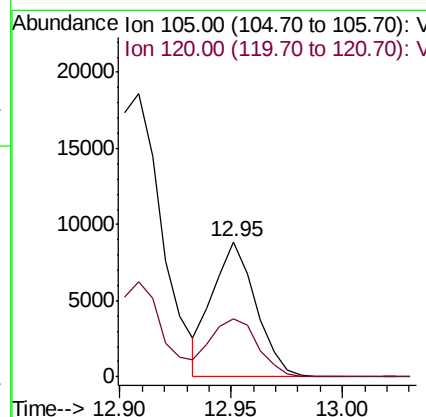
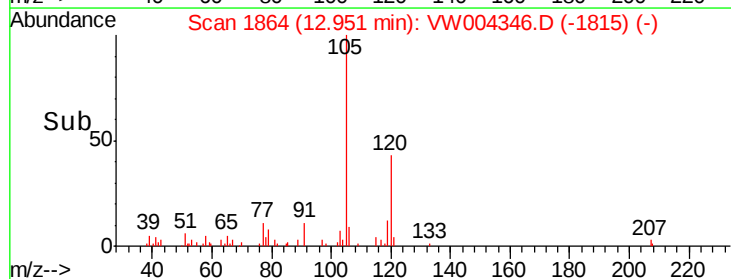
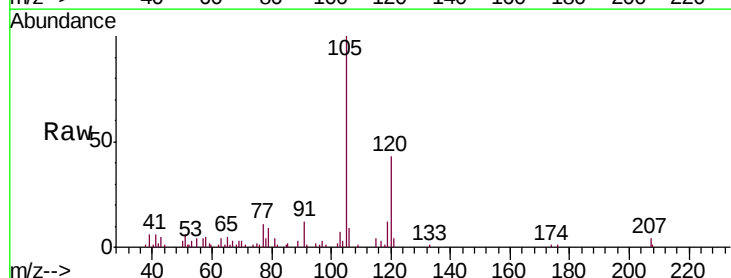
Instrument :
MSVOA_W
ClientSampled :
SB-11(3-5)

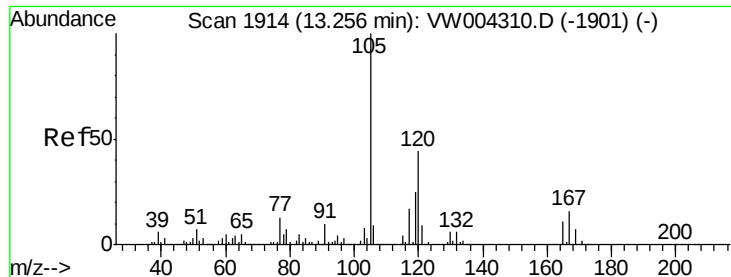
Tot Ion: 91 Resp: 5220
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 3.28 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW004346.D
Acq: 30 Jul 2018 07:10

Tgt Ion:105 Resp: 12017
Ion Ratio Lower Upper
105 100
120 47.2 25.1 75.2

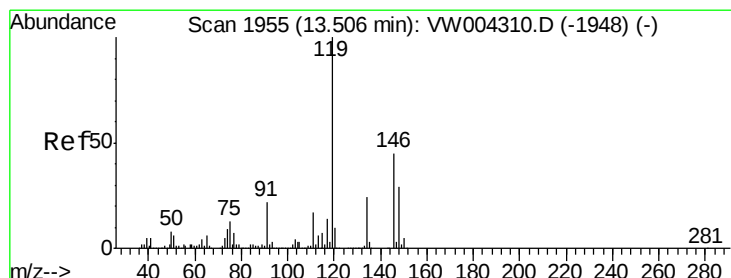
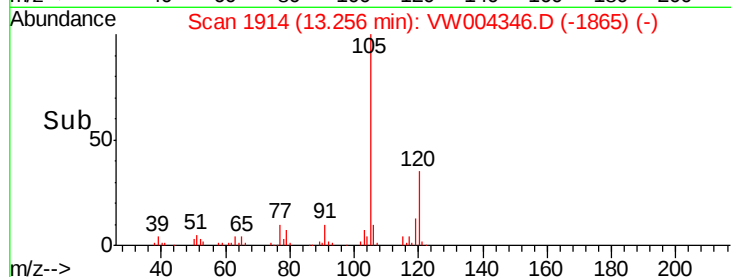
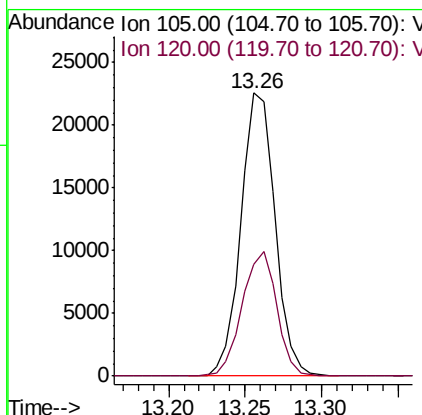
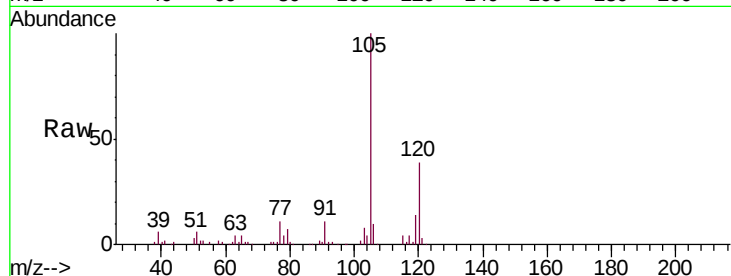




#84
 1,2,4-Trimethylbenzene
 Concen: 9.37 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004346.D
 Acq: 30 Jul 2018 07:10

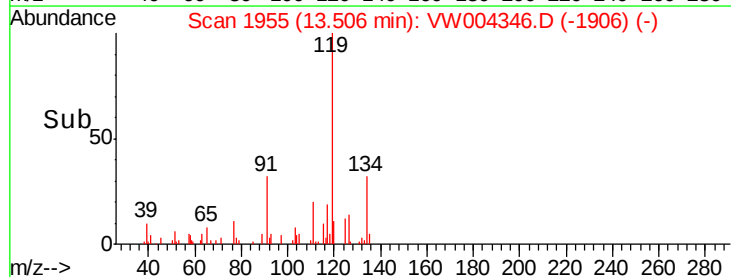
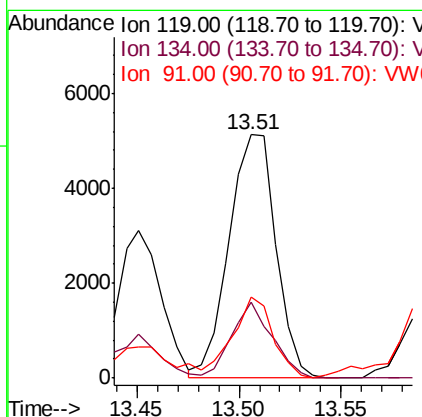
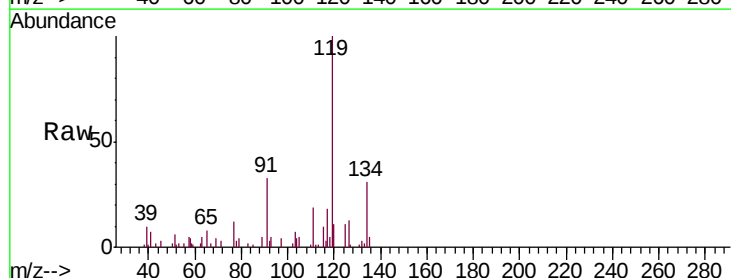
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(3-5)

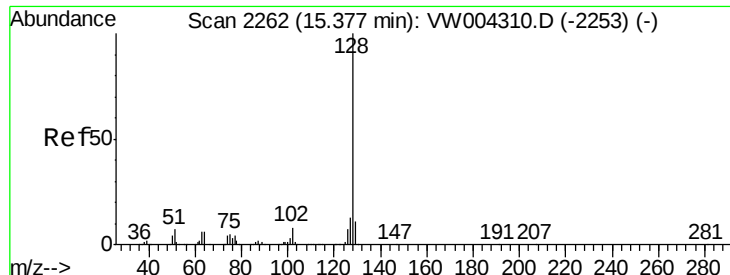
Tot Ion:105 Resp: 34966
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.0



#86
 p-Isopropyltoluene
 Concen: 2.04 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004346.D
 Acq: 30 Jul 2018 07:10

Tgt Ion:119 Resp: 8181
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.6 37.8
 91 28.8 11.3 33.9





#95

Naphthalene

Concen: 216.46 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004346.D

Acq: 30 Jul 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

SB-11(3-5)

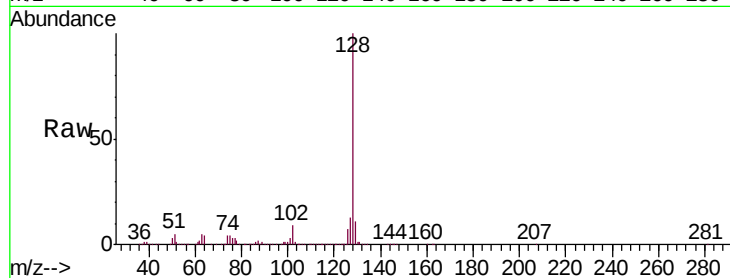
Tot Ion:128 Resp: 480995

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.6 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

