

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000298.D
 Acq On : 13 Mar 2018 14:10
 Operator : JC/MD
 Sample : J1849-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-180307

Quant Time: Mar 14 11:54:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	127505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112981	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	92043	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	5.51	113	67959	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
50) Toluene-d8	8.73	98	276013	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.15	95	100446	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	

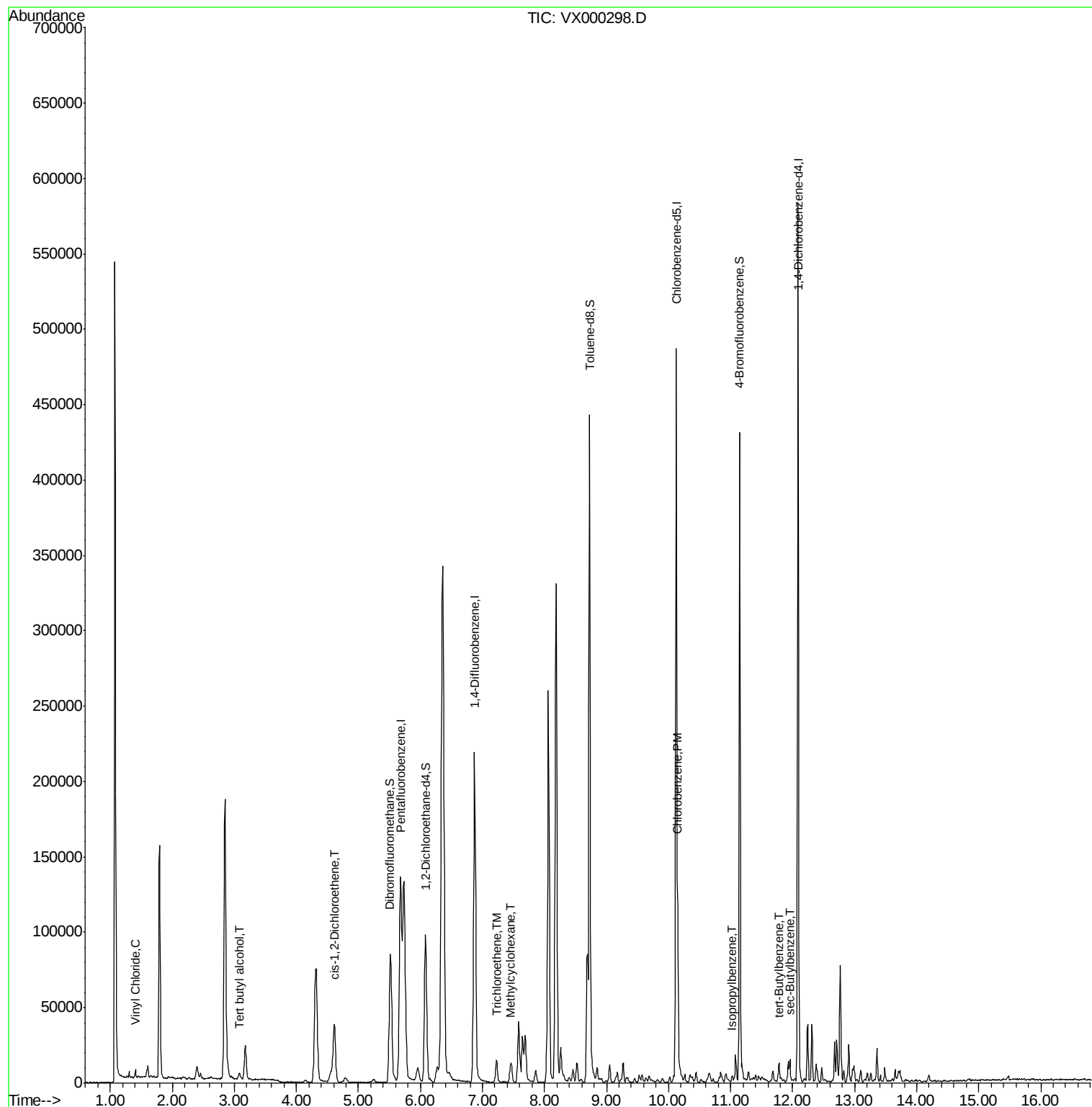
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	2303	1.46	ug/l #	81
11) Tert butyl alcohol	3.09	59	4481	6.90	ug/l #	94
27) cis-1,2-Dichloroethene	4.62	96	23812	16.98	ug/l	86
39) Methylcyclohexane	7.46	83	3888	1.60	ug/l #	63
44) Trichloroethene	7.23	130	5229	3.20	ug/l	98
65) Chlorobenzene	10.15	112	36454	8.44	ug/l	95
73) Isopropylbenzene	11.02	105	2259	0.32	ug/l	95
83) tert-Butylbenzene	11.78	119	4567	0.79	ug/l	91
85) sec-Butylbenzene	11.96	105	7212	0.99	ug/l	92

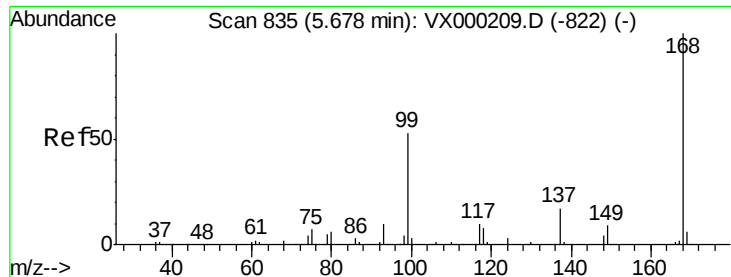
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 11:54:10 2018
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

Instrument :

MSVOA_X

ClientSampleId :

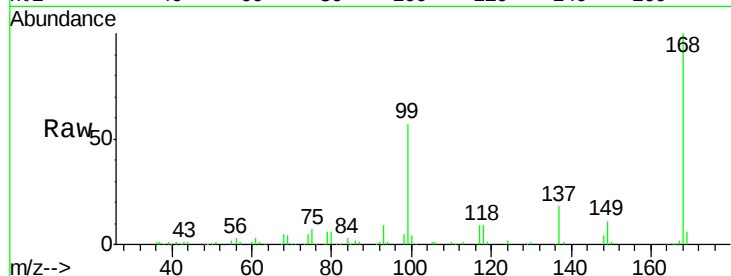
ST008MW038-180307

Tot Ion:168 Resp: 127505

Ion Ratio Lower Upper

168 100

99 57.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

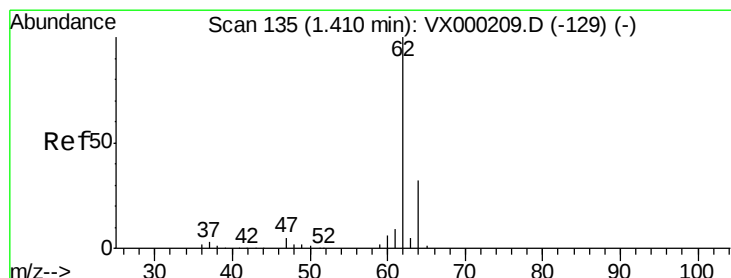
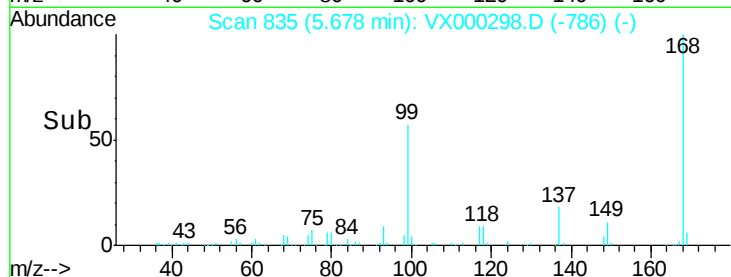
20000

10000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000298.D

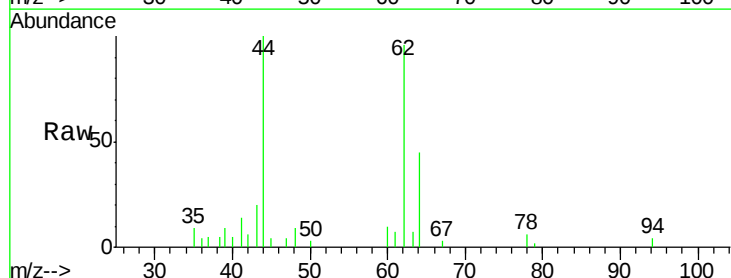
Acq: 13 Mar 2018 14:10

Tgt Ion: 62 Resp: 2303

Ion Ratio Lower Upper

62 100

64 42.9 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

2500

2000

1500

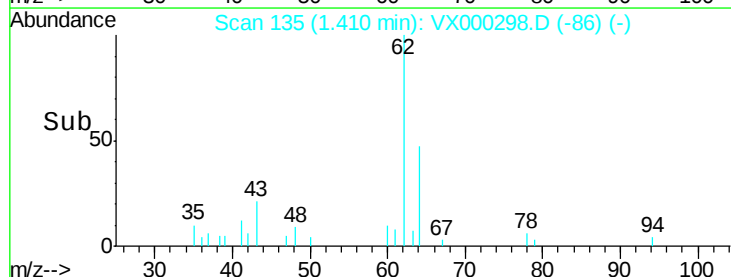
1000

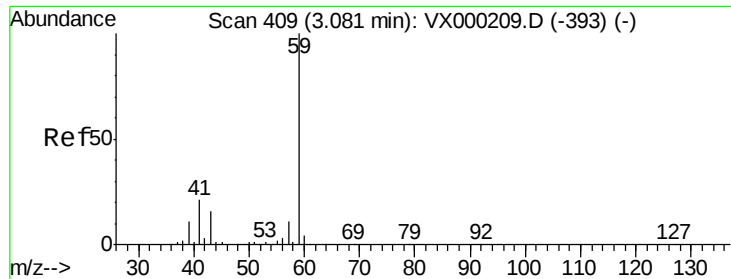
500

0

Time-->

1.35 1.40 1.45



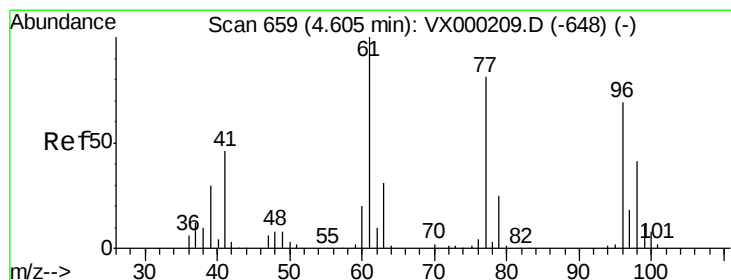
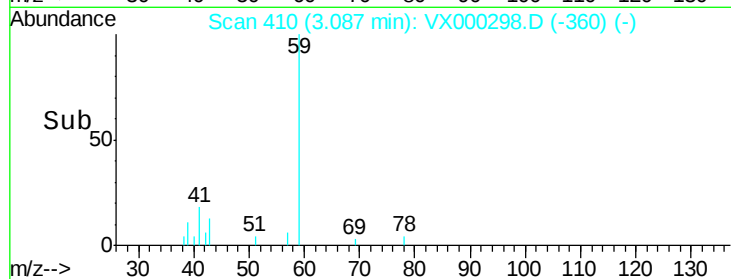
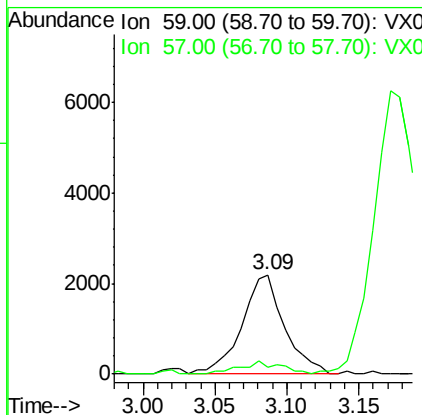
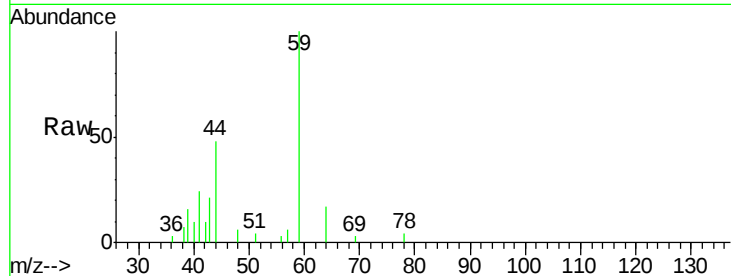


#11

Tert butyl alcohol
Concen: 6.90 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000298.D
Acq: 13 Mar 2018 14:10

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-180307

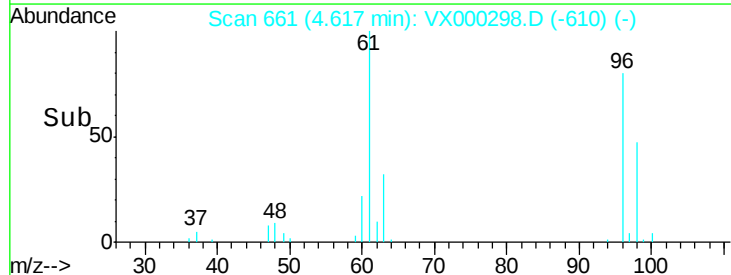
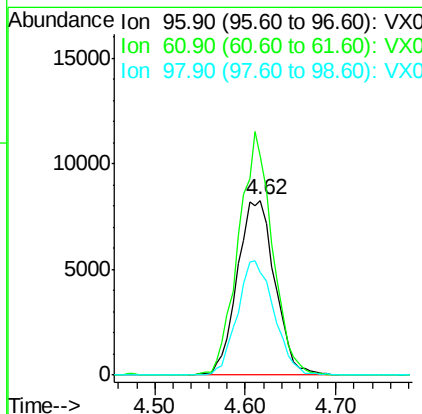
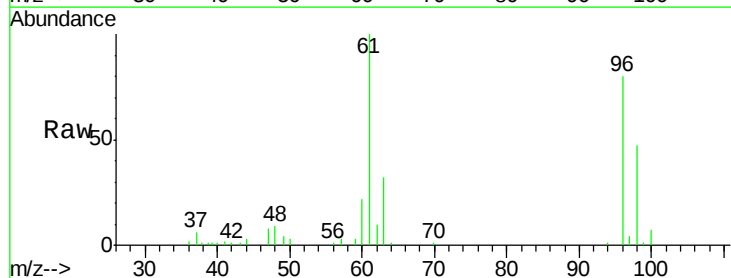
Tot Ion: 59 Resp: 4481
Ion Ratio Lower Upper
59 100
57 12.7 8.4 12.6#

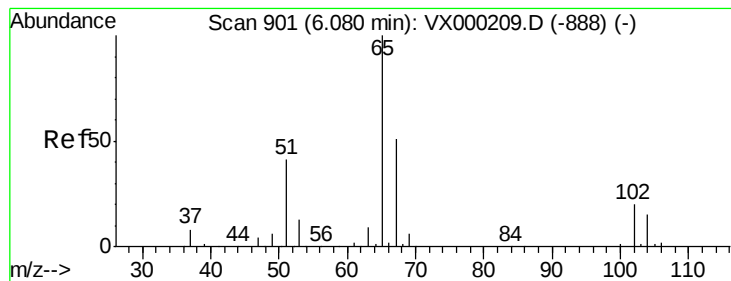


#27

cis-1,2-Dichloroethene
Concen: 16.98 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000298.D
Acq: 13 Mar 2018 14:10

Tgt Ion: 96 Resp: 23812
Ion Ratio Lower Upper
96 100
61 124.8 0.0 296.4
98 63.5 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 52.08 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

Instrument :

MSVOA_X

ClientSampleId :

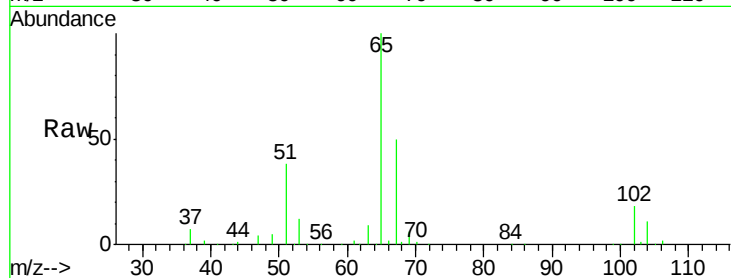
ST008MW038-180307

Tot Ion: 65 Resp: 92043

Ion Ratio Lower Upper

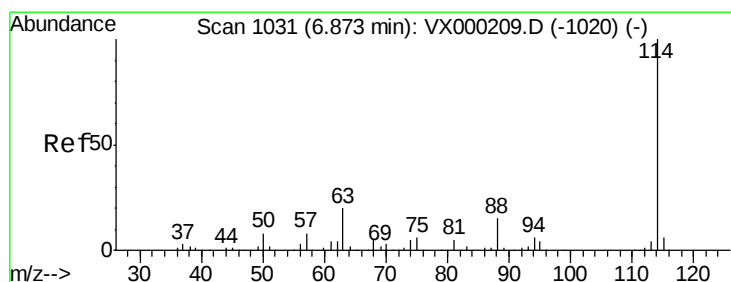
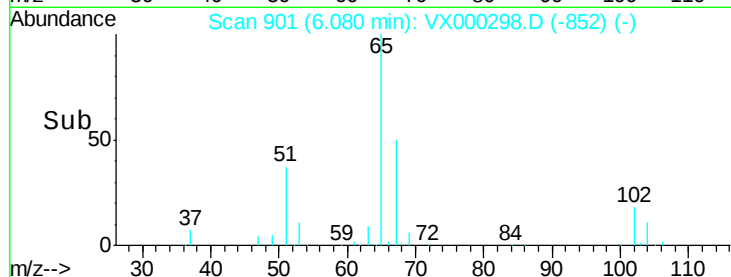
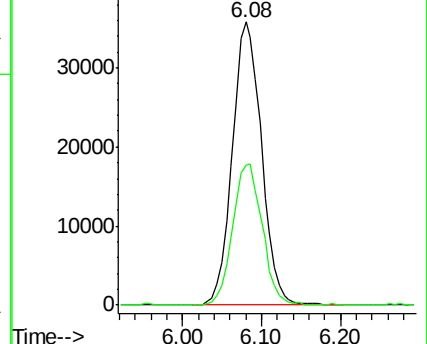
65 100

67 50.4 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

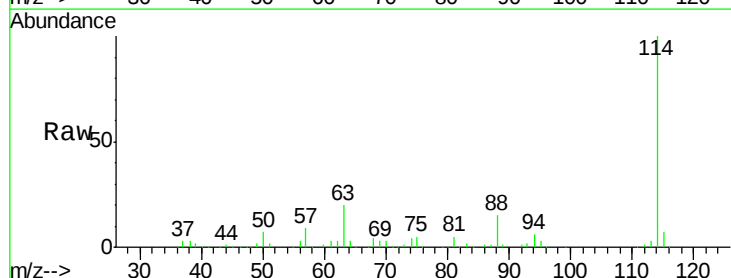
Tgt Ion: 114 Resp: 222640

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

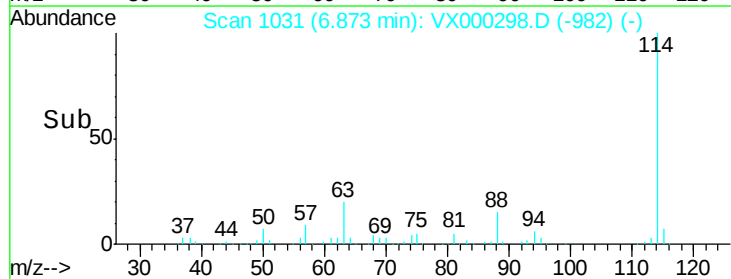
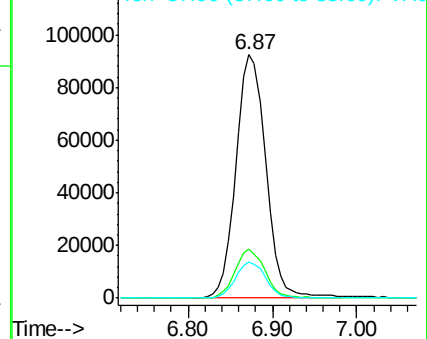
88 15.1 0.0 29.8

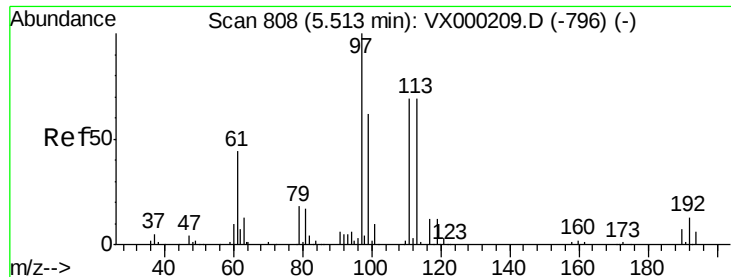


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

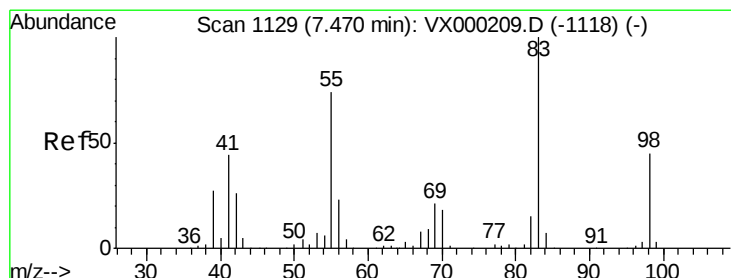
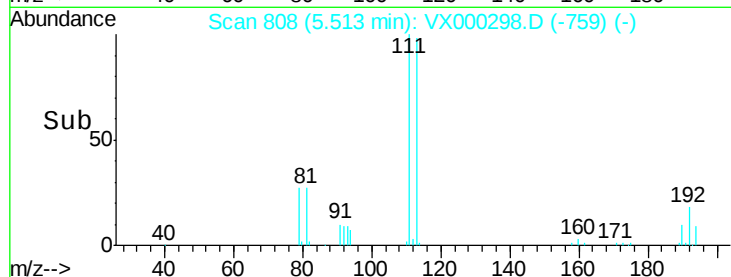
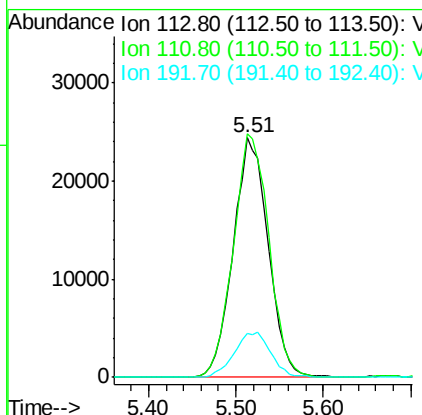
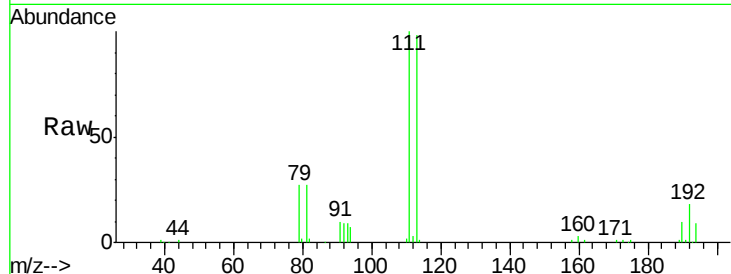




#35
 Dibromofluoromethane
 Concen: 48.59 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000298.D
 Acq: 13 Mar 2018 14:10

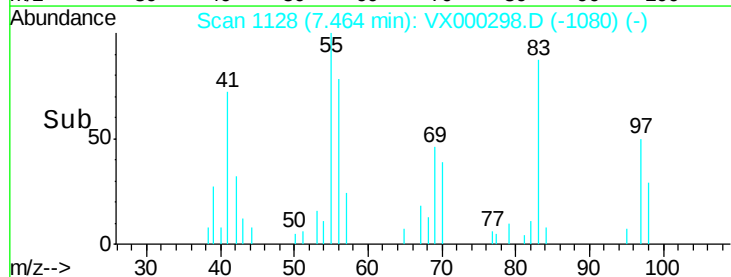
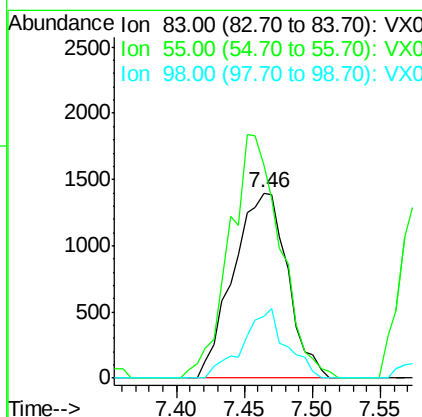
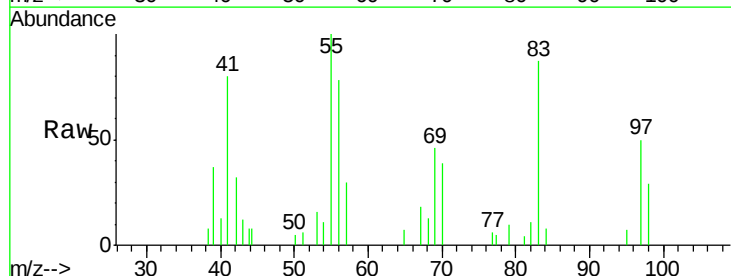
Instrument :
 MSVOA_X
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 ST008MW038-180307

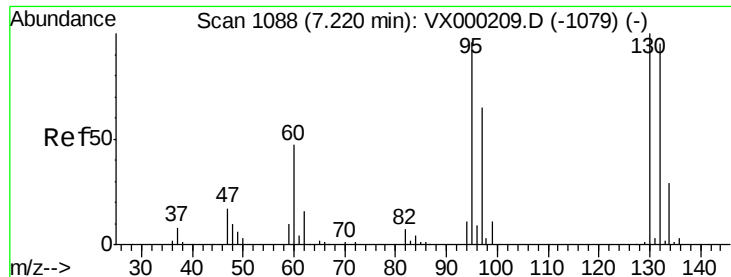
Tot Ion:113 Resp: 67959
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.6
 192 19.6 15.5 23.3



#39
 Methylcyclohexane
 Concen: 1.60 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX000298.D
 Acq: 13 Mar 2018 14:10

Tgt Ion: 83 Resp: 3888
 Ion Ratio Lower Upper
 83 100
 55 115.3 59.4 89.0#
 98 33.4 36.3 54.5#

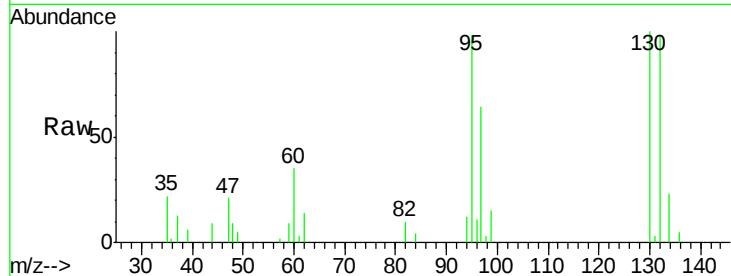




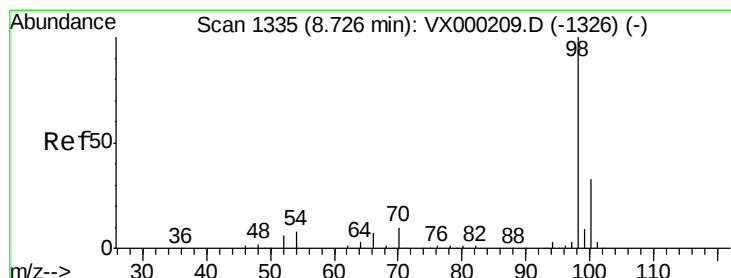
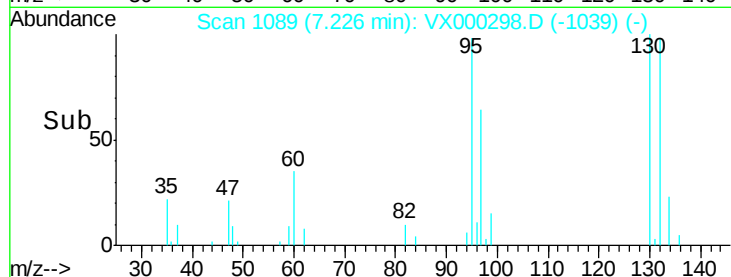
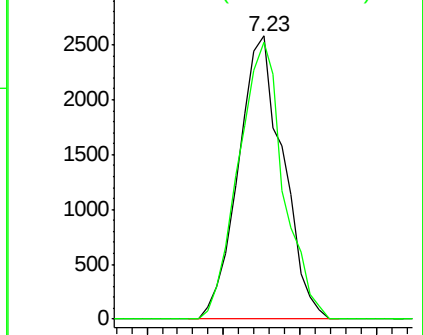
#44
 Trichloroethene
 Concen: 3.20 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000298.D
 Acq: 13 Mar 2018 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-180307

Tot Ion:130 Resp: 5229
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 191.8

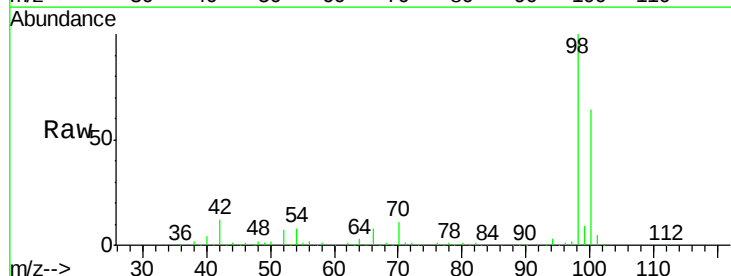


Abundance Ion 129.80 (129.50 to 130.50): V

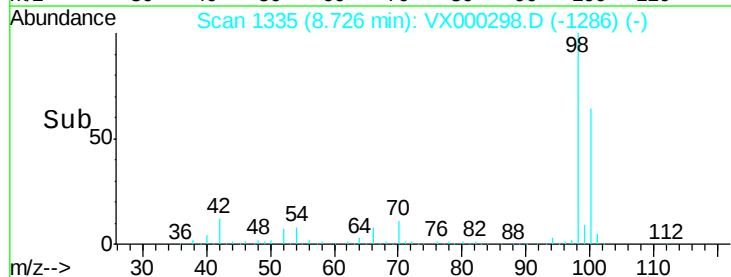
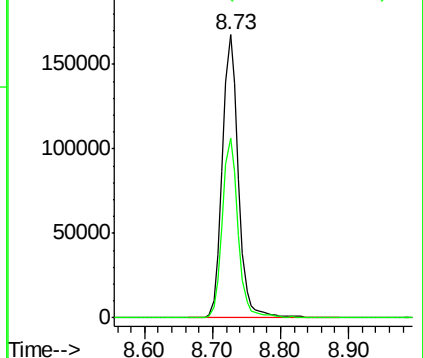


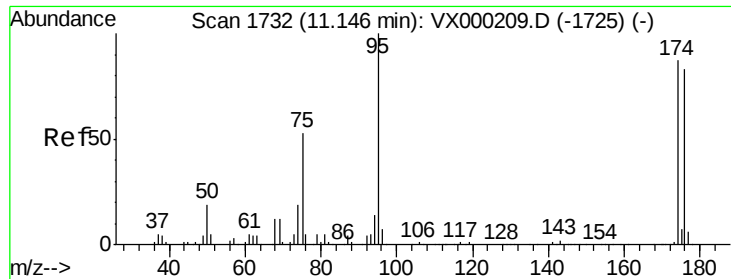
#50
 Toluene-d8
 Concen: 47.65 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000298.D
 Acq: 13 Mar 2018 14:10

Tgt Ion: 98 Resp: 276013
 Ion Ratio Lower Upper
 98 100
 100 62.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.43 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-180307

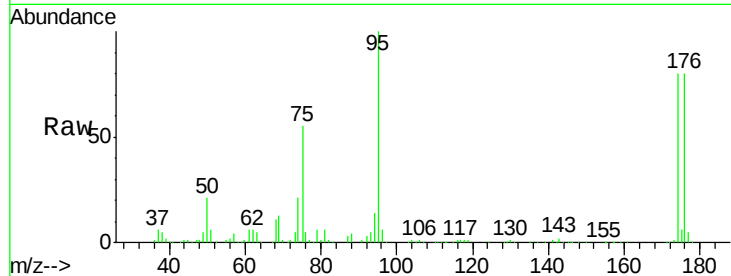
Tot Ion: 95 Resp: 100446

Ion Ratio Lower Upper

95 100

174 83.7 0.0 175.6

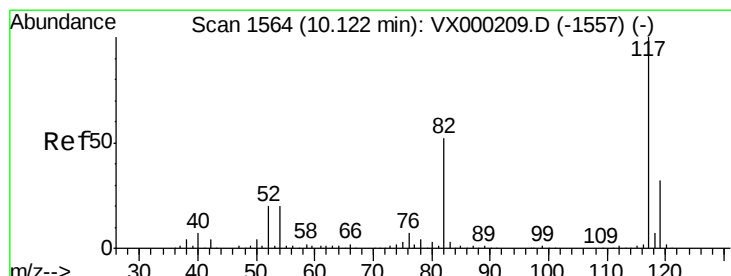
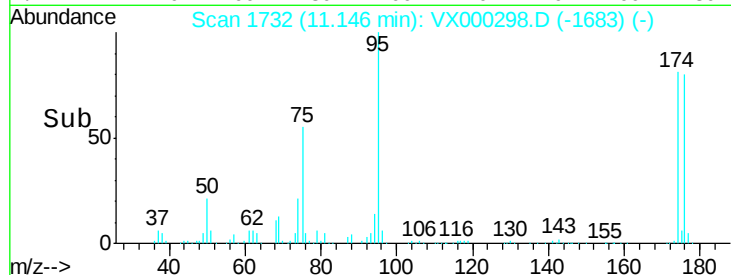
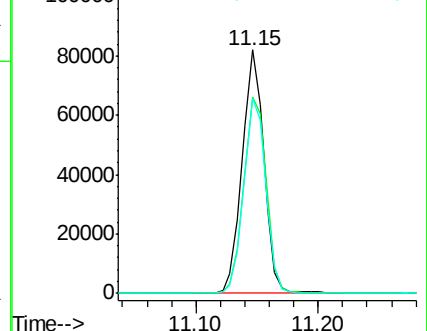
176 80.9 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

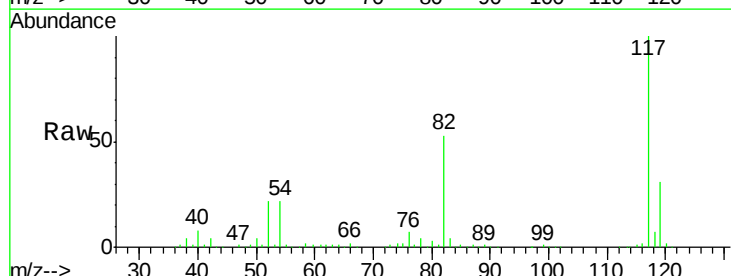
Tgt Ion: 117 Resp: 213910

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

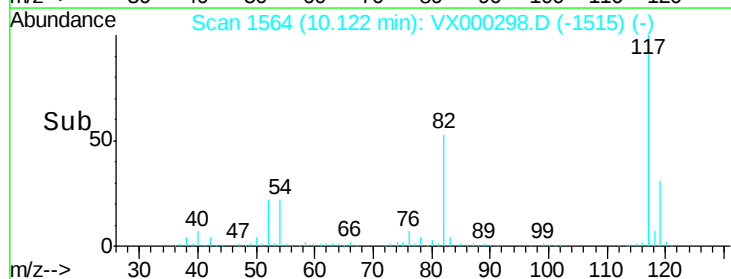
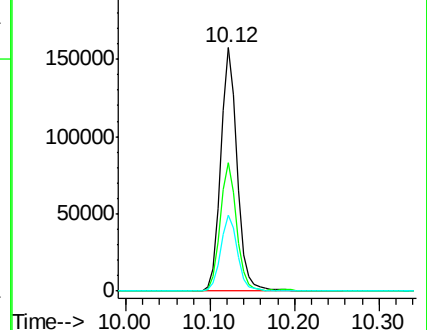
119 31.3 25.3 37.9

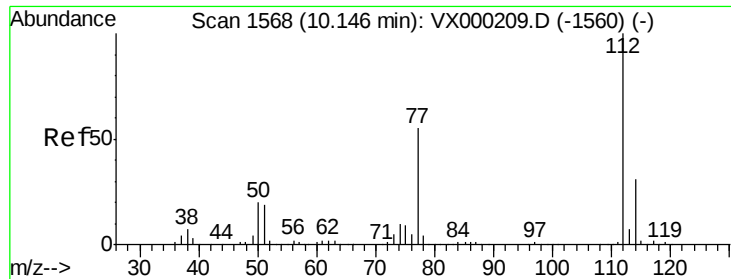


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 8.44 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

Instrument :

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ClientSampleId :

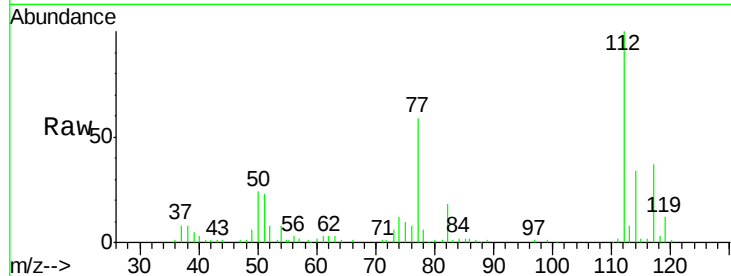
ST008MW038-180307

Tot Ion:112 Resp: 36454

Ion Ratio Lower Upper

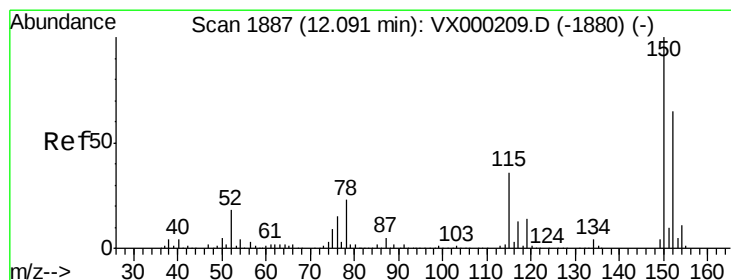
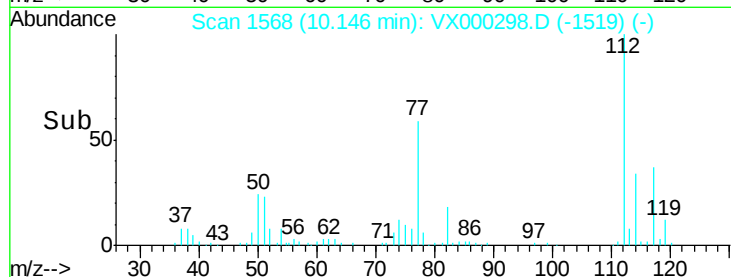
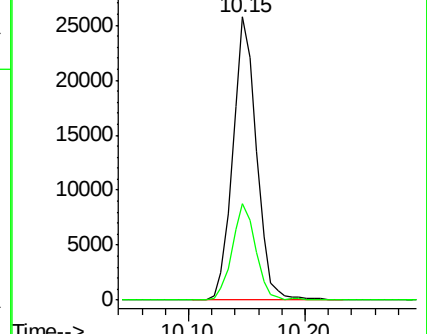
112 100

114 34.1 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

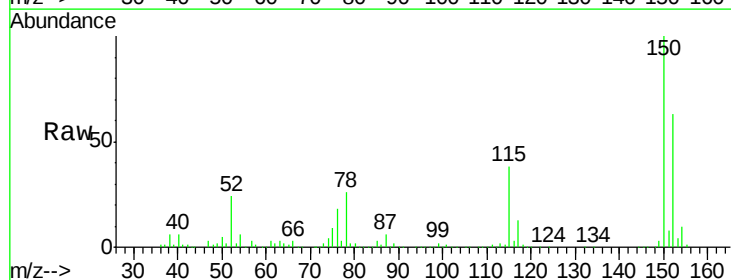
Tgt Ion:152 Resp: 112981

Ion Ratio Lower Upper

152 100

115 60.2 39.8 119.3

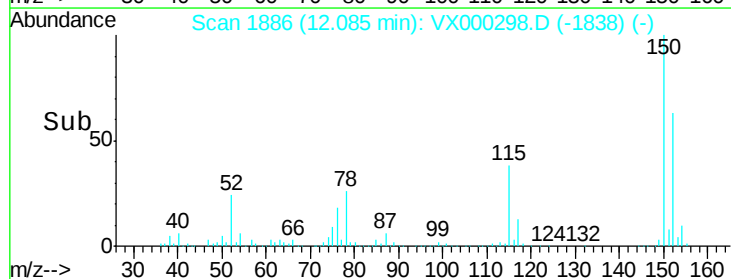
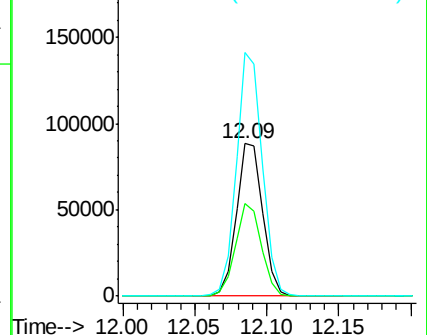
150 157.6 0.0 345.0

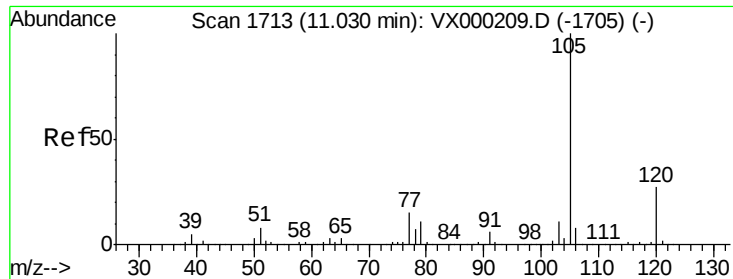


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

Instrument :

MSVOA_X

ClientSampleId :

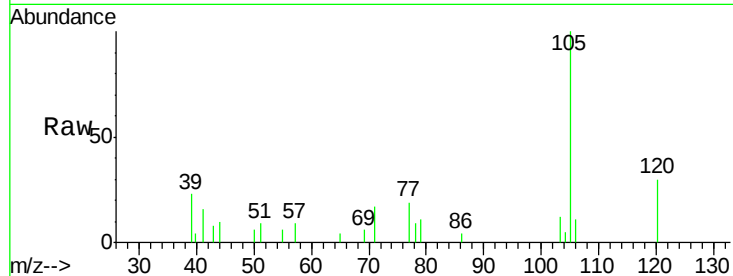
ST008MW038-180307

Tot Ion:105 Resp: 2259

Ion Ratio Lower Upper

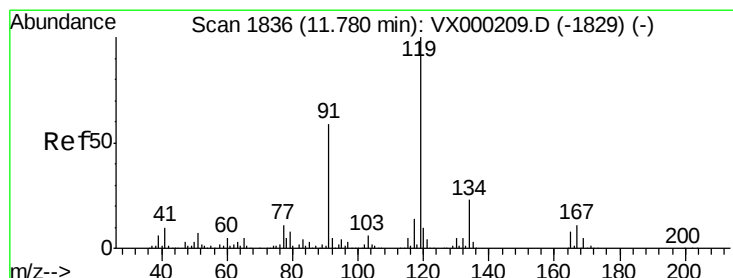
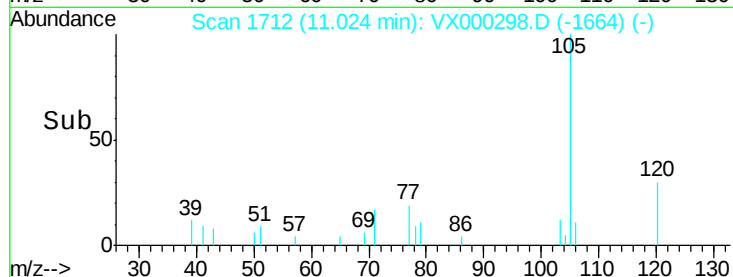
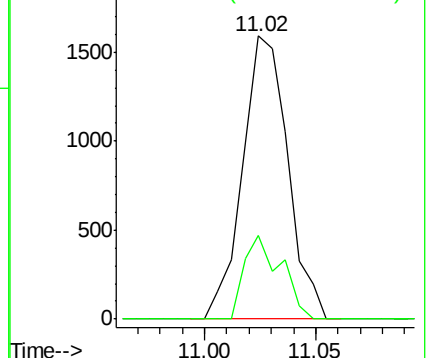
105 100

120 24.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.79 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000298.D

Acq: 13 Mar 2018 14:10

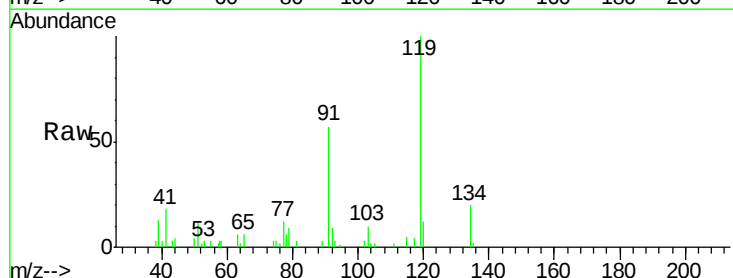
Tgt Ion:119 Resp: 4567

Ion Ratio Lower Upper

119 100

91 66.9 28.9 86.7

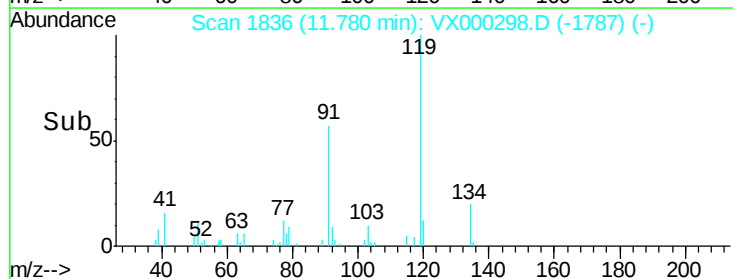
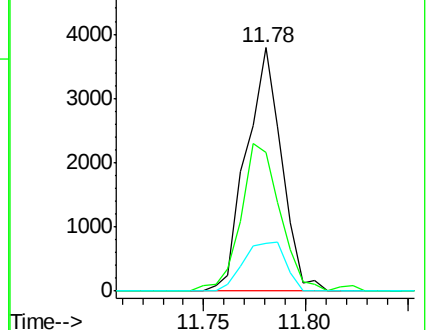
134 24.0 11.5 34.4

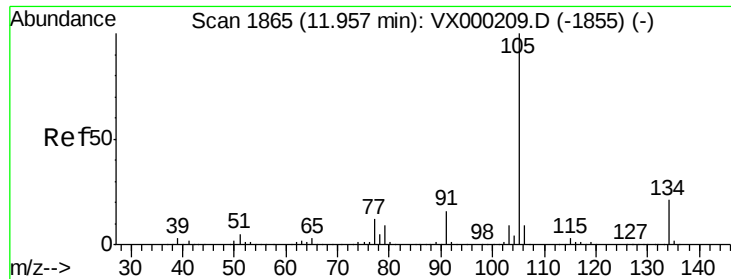


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85
 sec-Butylbenzene
 Concen: 0.99 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000298.D
 Acq: 13 Mar 2018 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-180307

Tot Ion:105 Resp: 7212
 Ion Ratio Lower Upper
 105 100
 134 16.9 10.3 30.9

