

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002354.D
 Acq On : 06 Jun 2018 15:56
 Operator : JC/MD
 Sample : J3311-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: Jun 07 04:28:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173674	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151080	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	5.51	113	112370	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
50) Toluene-d8	8.72	98	453986	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	165720	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

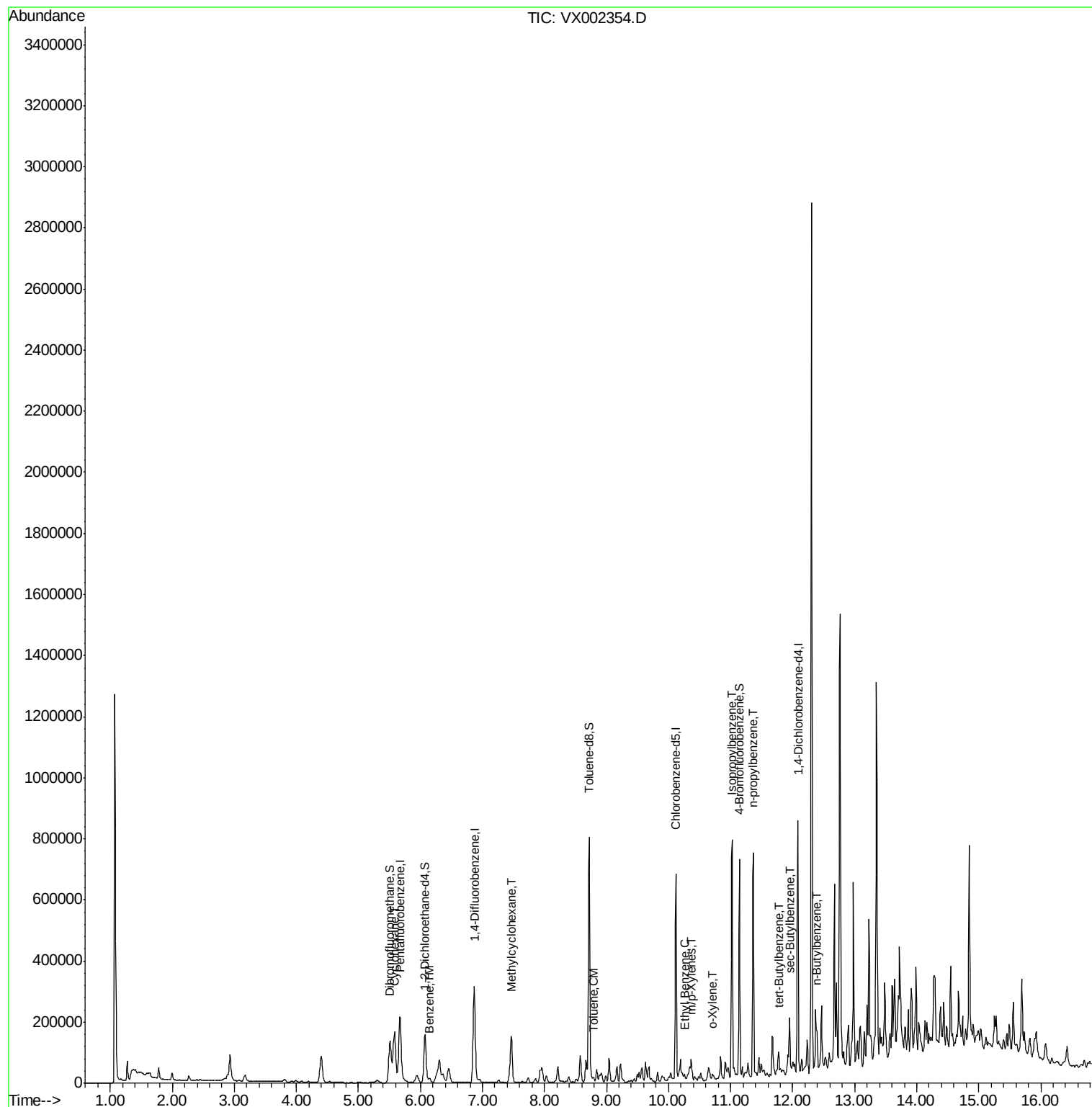
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	110813	28.31	ug/l	99
39) Methylcyclohexane	7.46	83	61290	15.38	ug/l	96
40) Benzene	6.15	78	15319	1.53	ug/l	93
52) Toluene	8.79	92	4596	0.72	ug/l	87
67) Ethyl Benzene	10.26	91	9738	0.80	ug/l	97
68) m/p-Xylenes	10.37	106	10153	2.13	ug/l	99
69) o-Xylene	10.70	106	3465	0.73	ug/l	92
73) Isopropylbenzene	11.02	105	395738	32.76	ug/l	100
78) n-propylbenzene	11.37	91	440496	32.80	ug/l	99
83) tert-Butylbenzene	11.77	119	13669	1.35	ug/l	91
85) sec-Butylbenzene	11.95	105	75311	6.37	ug/l	81
89) n-Butylbenzene	12.39	91	45209	5.00	ug/l #	72

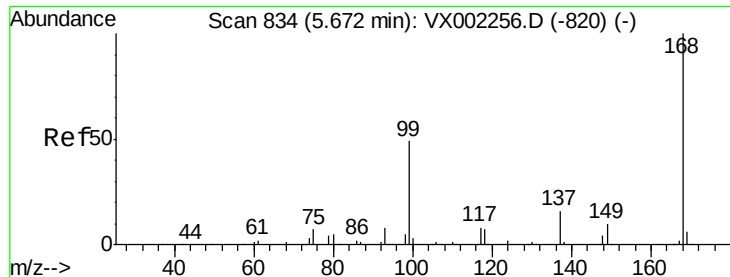
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampled :

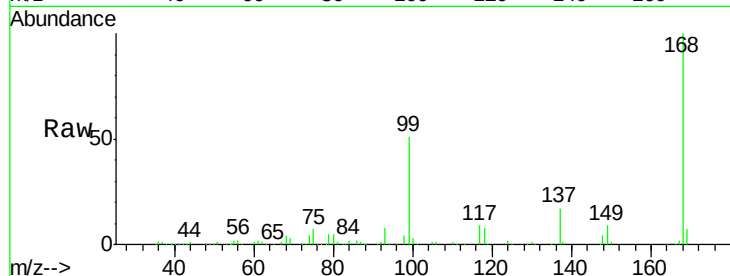
MW-35

Tot Ion:168 Resp: 216780

Ion Ratio Lower Upper

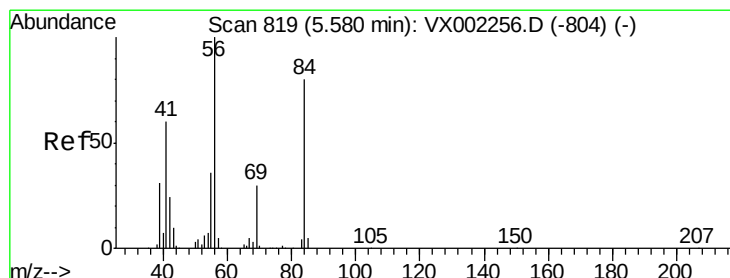
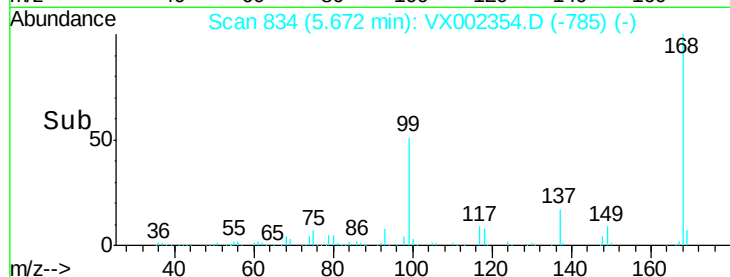
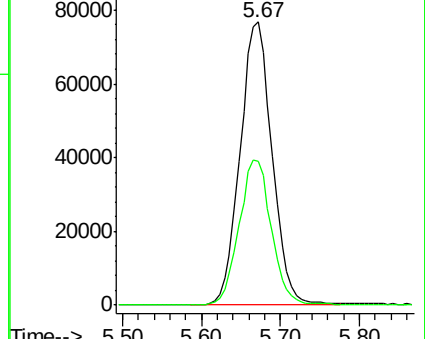
168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 28.31 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

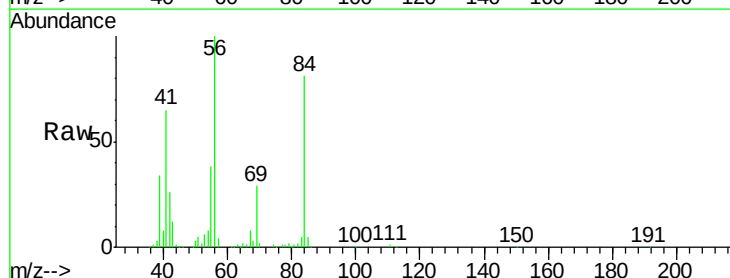
Tgt Ion: 56 Resp: 110813

Ion Ratio Lower Upper

56 100

69 29.2 23.7 35.5

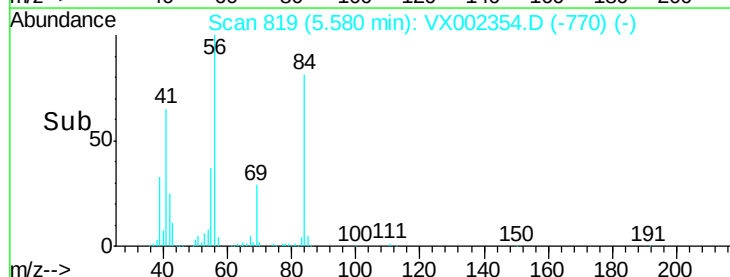
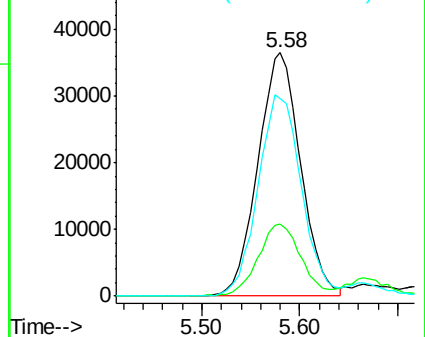
84 81.0 64.1 96.1

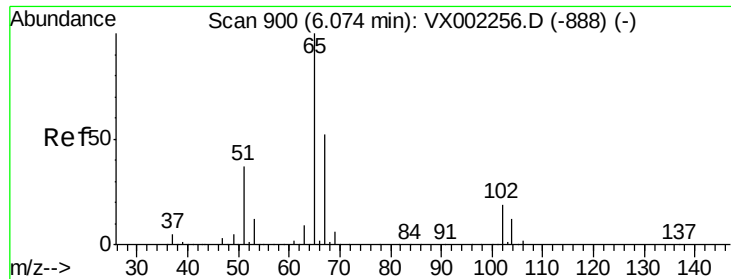


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

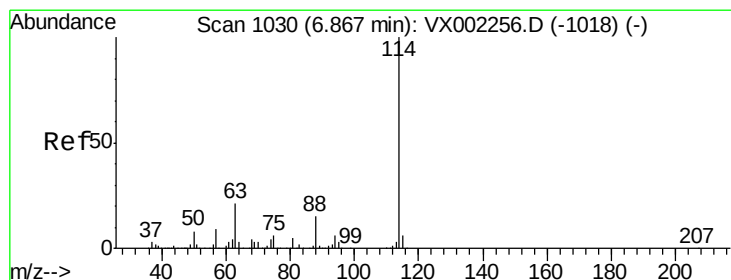
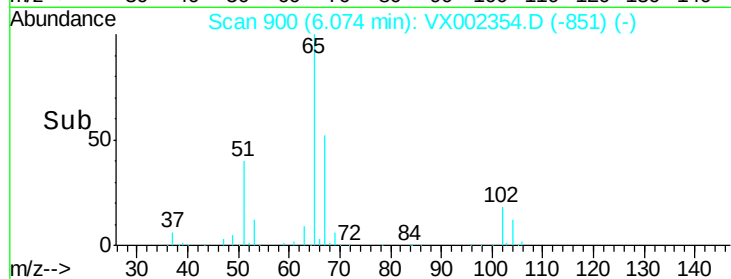
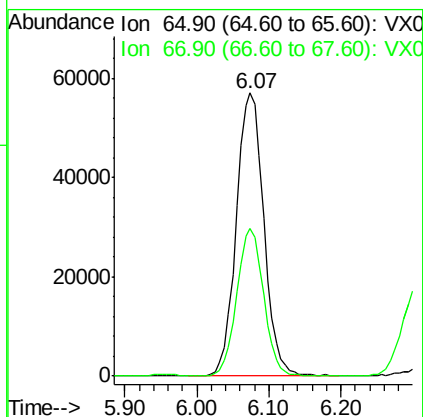
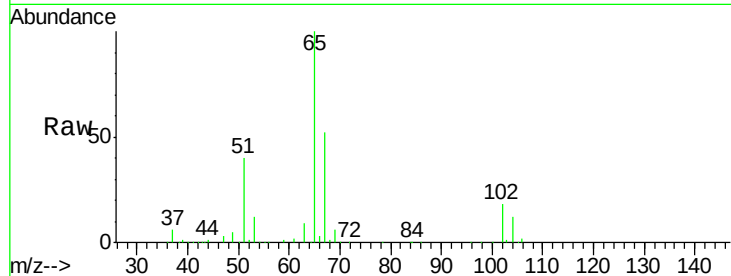




#33
 1,2-Dichloroethane-d4
 Concen: 48.64 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

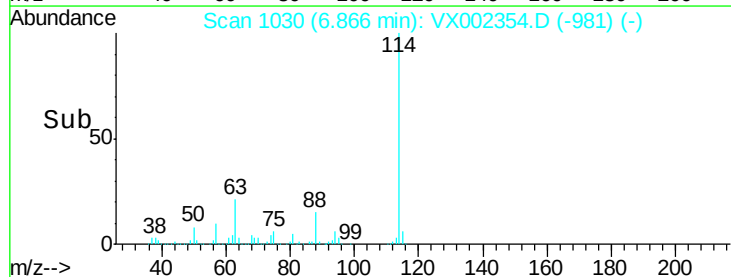
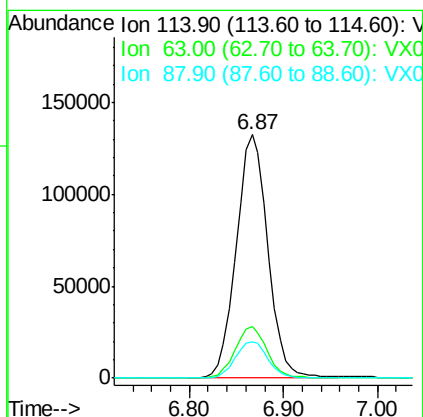
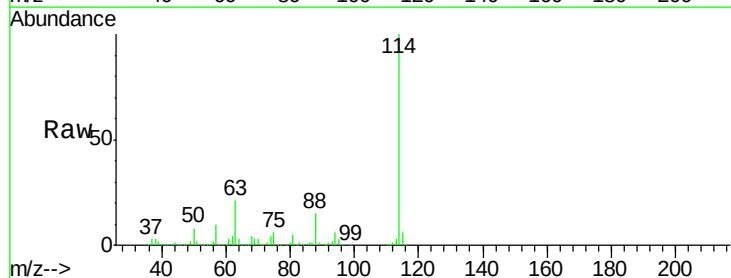
Instrument :
 MSVOA_X
 ClientSampled :
 MW-35

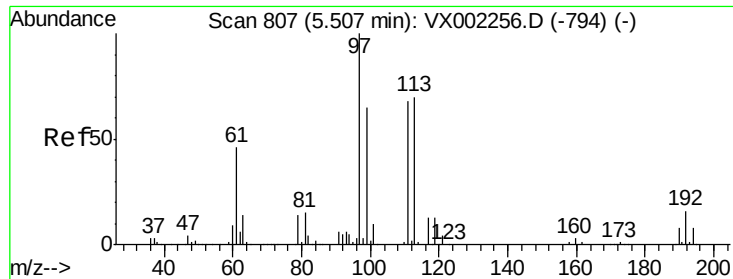
Tot Ion: 65 Resp: 151080
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

Tgt Ion: 114 Resp: 310608
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 14.7 0.0 30.0

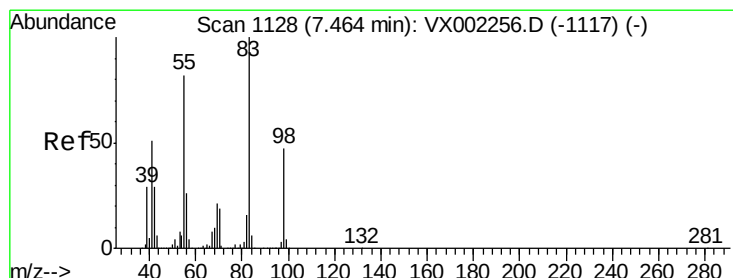
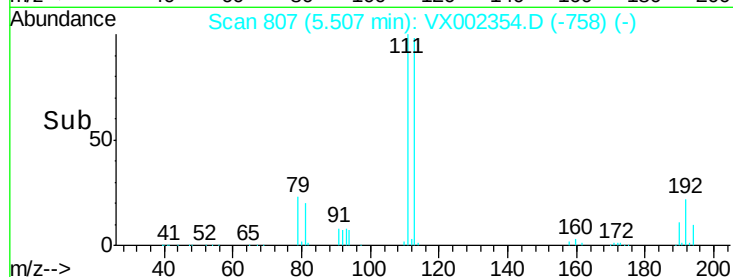
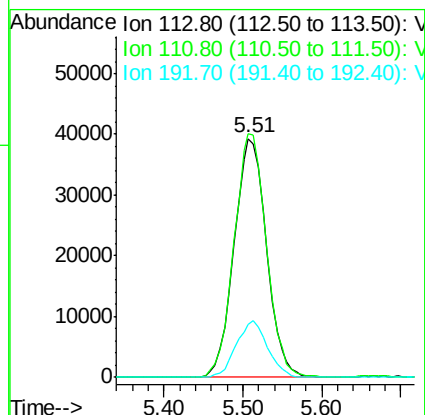
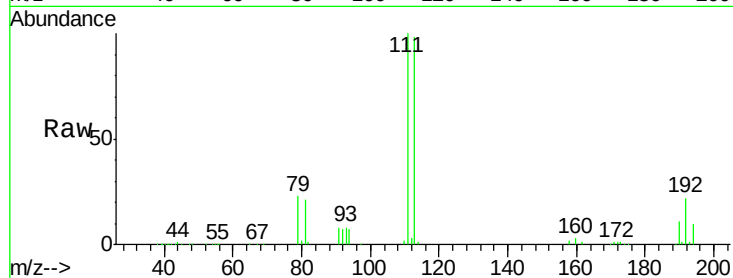




#35
Dibromofluoromethane
Concen: 46.00 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

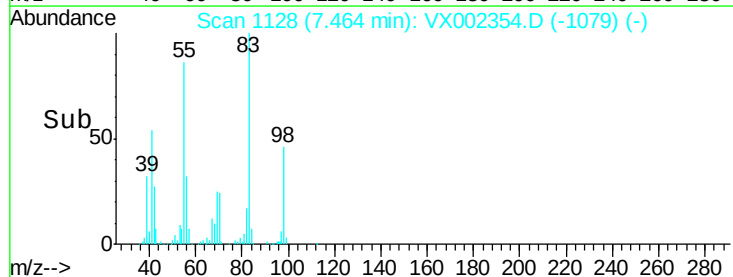
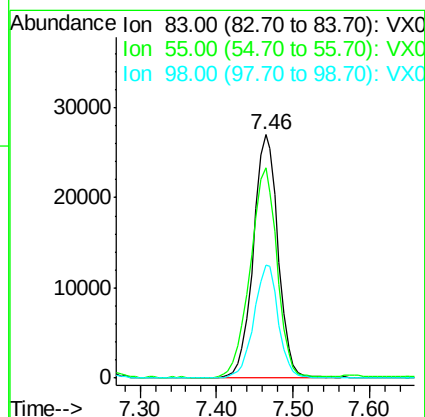
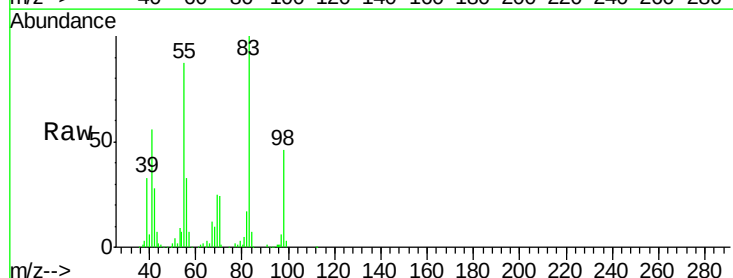
Instrument :
MSVOA_X
ClientSampled :
MW-35

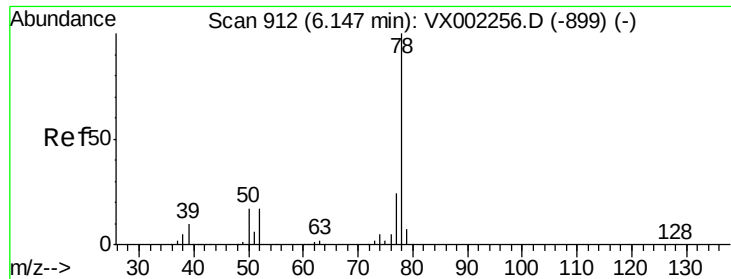
Tot Ion:113 Resp: 112370
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.9 19.1 28.7



#39
Methylcyclohexane
Concen: 15.38 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 83 Resp: 61290
Ion Ratio Lower Upper
83 100
55 86.6 65.4 98.0
98 46.3 37.4 56.0

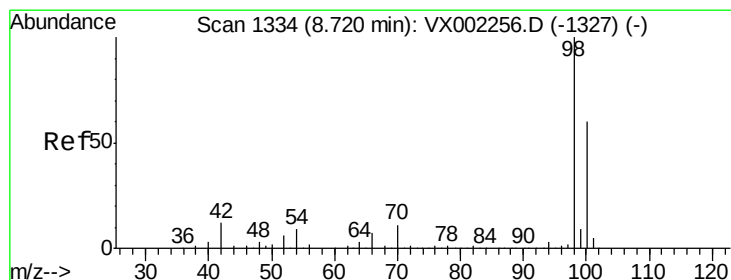
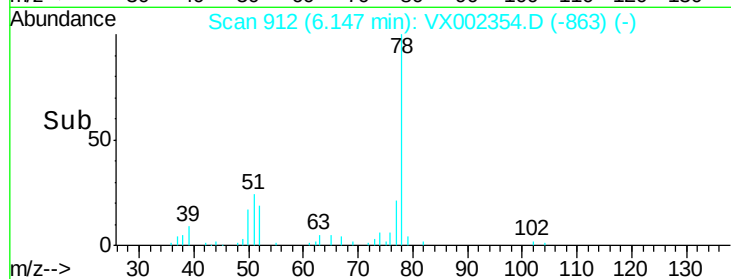
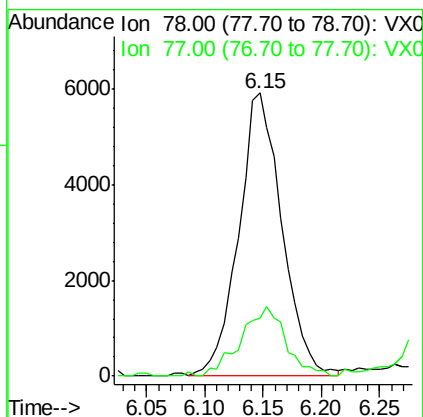
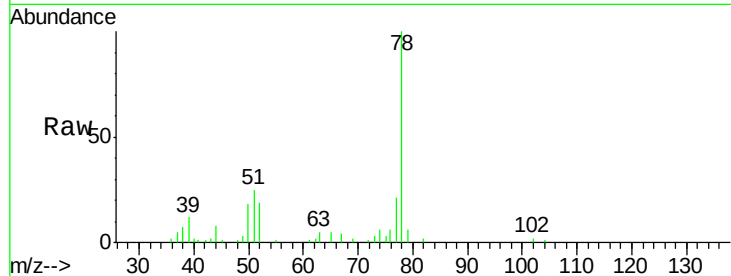




#40
Benzene
Concen: 1.53 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

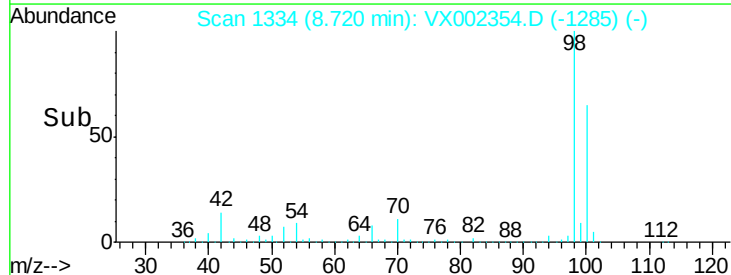
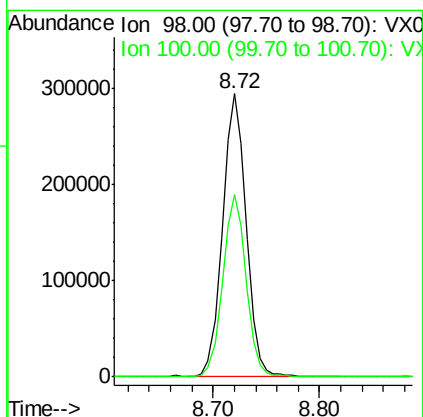
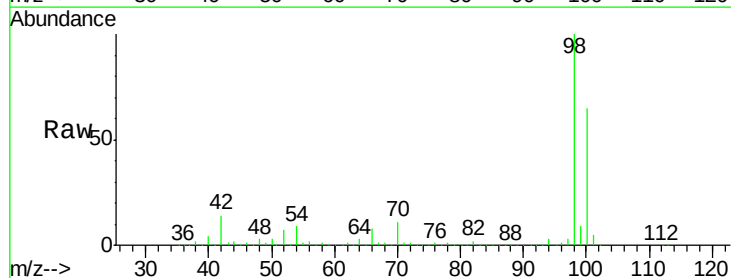
Instrument :
MSVOA_X
ClientSampleId :
MW-35

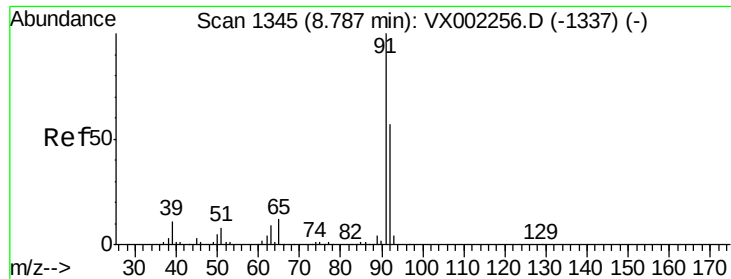
Tot Ion: 78 Resp: 15319
Ion Ratio Lower Upper
78 100
77 20.6 19.1 28.7



#50
Toluene-d8
Concen: 48.49 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 98 Resp: 453986
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#52

Toluene

Concen: 0.72 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampleId :

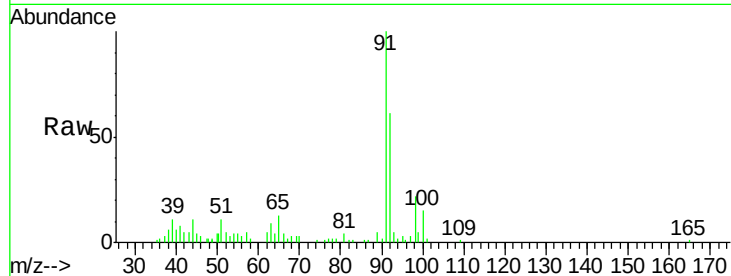
MW-35

Tot Ion: 92 Resp: 4596

Ion Ratio Lower Upper

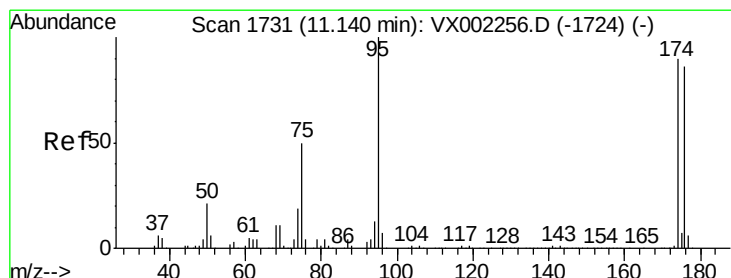
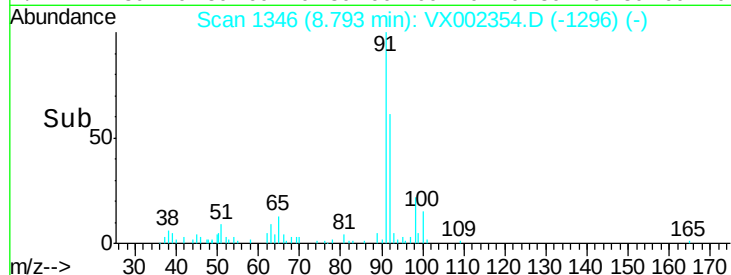
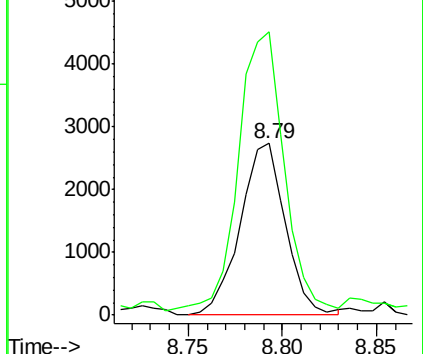
92 100

91 158.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

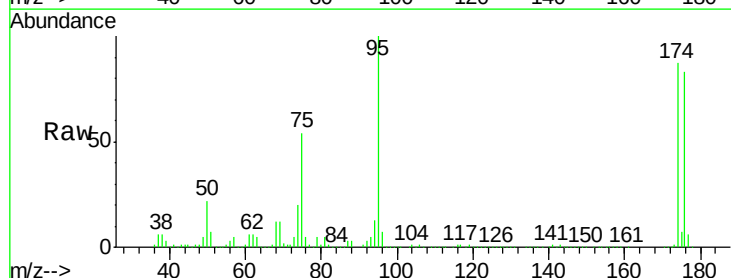
Tgt Ion: 95 Resp: 165720

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

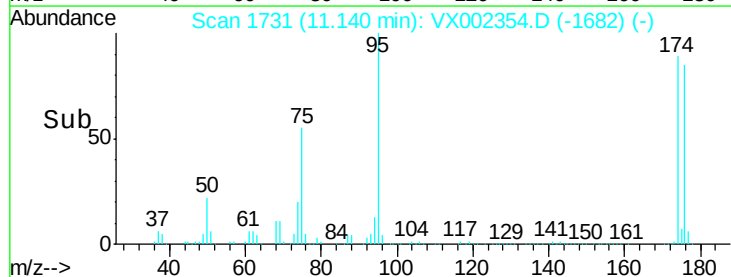
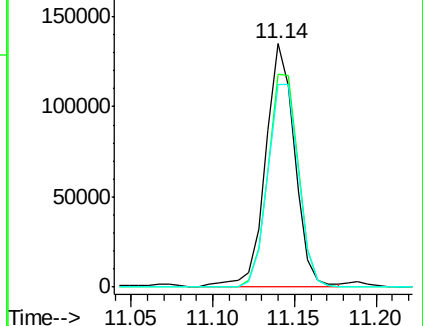
176 89.3 0.0 181.0

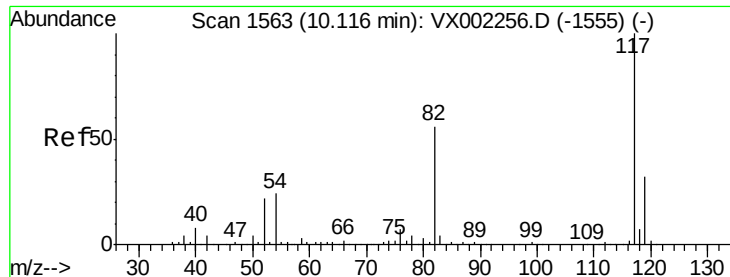


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

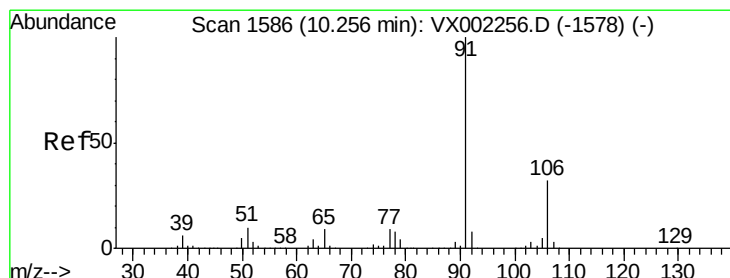
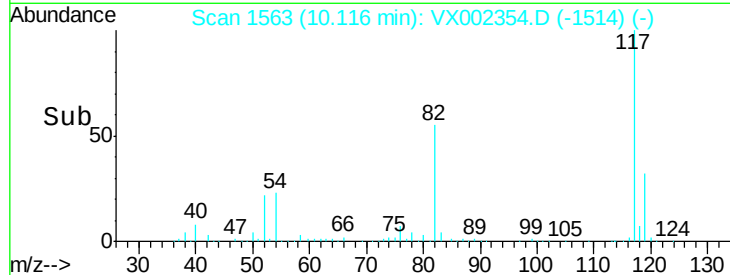
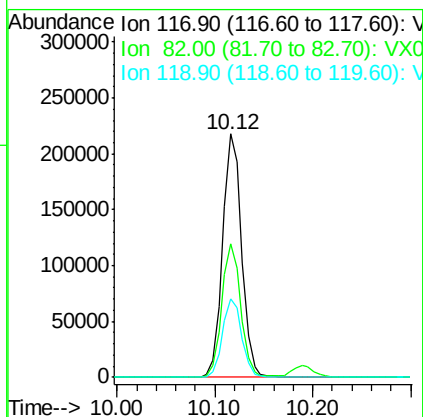
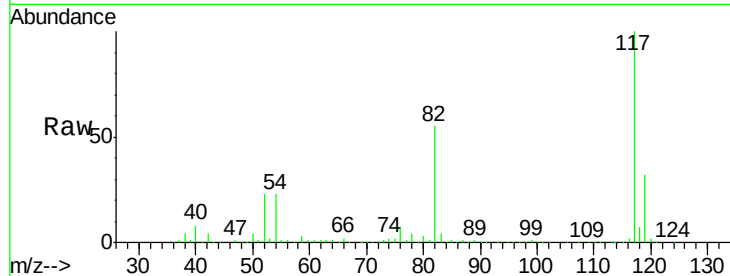




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

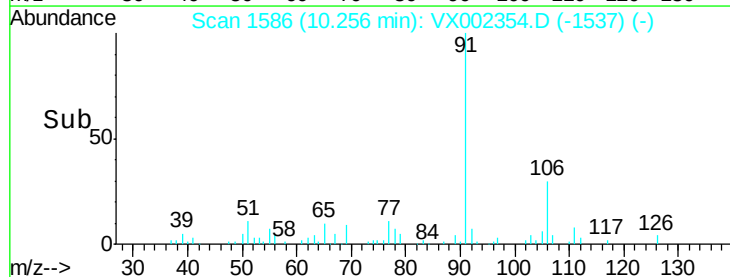
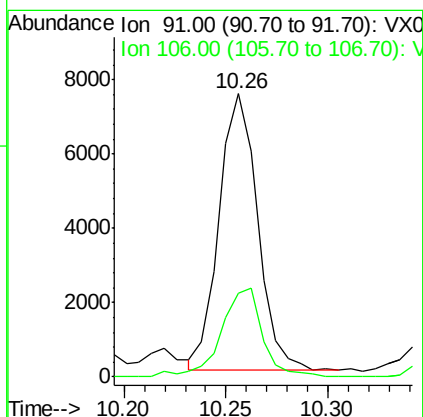
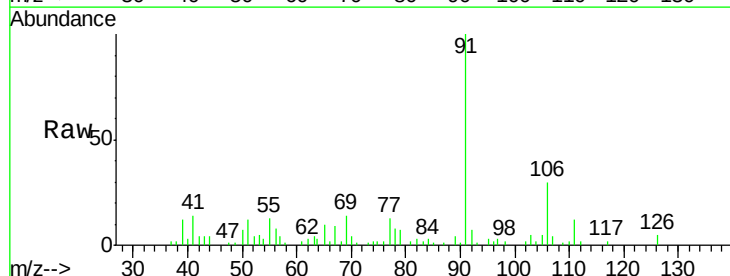
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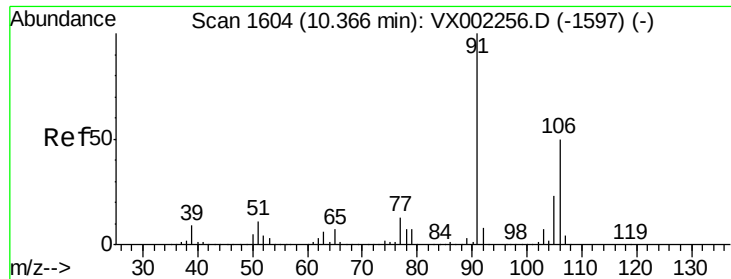
Tot Ion:117 Resp: 294031
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.0 25.8 38.6



#67
Ethyl Benzene
Concen: 0.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 91 Resp: 9738
Ion Ratio Lower Upper
91 100
106 30.2 25.5 38.3

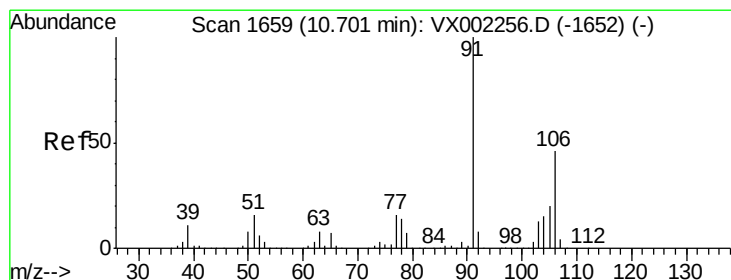
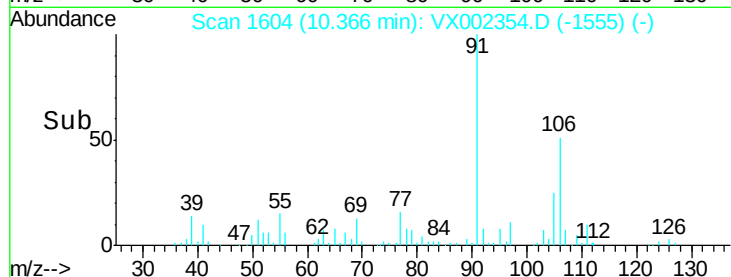
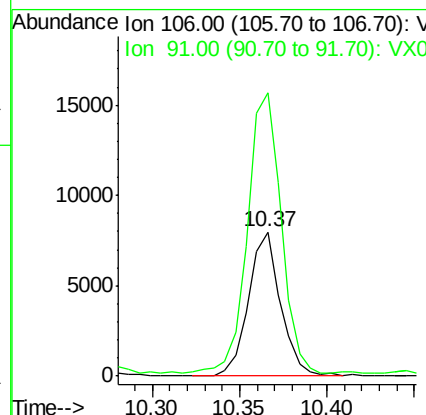
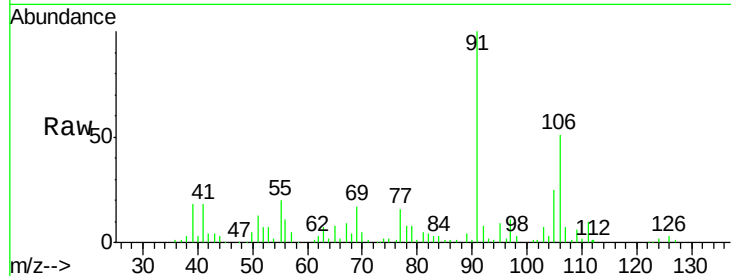




#68
m/p-Xylenes
Concen: 2.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

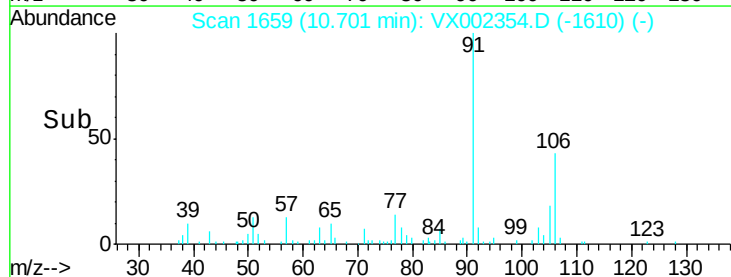
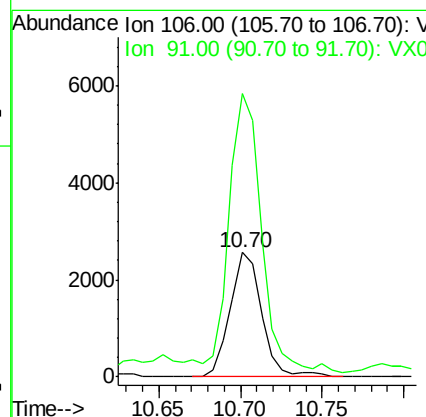
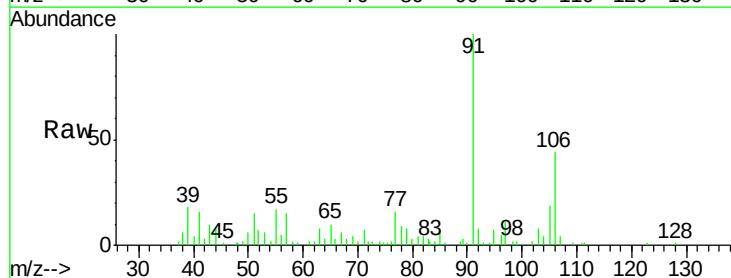
Instrument :
MSVOA_X
ClientSampleId :
MW-35

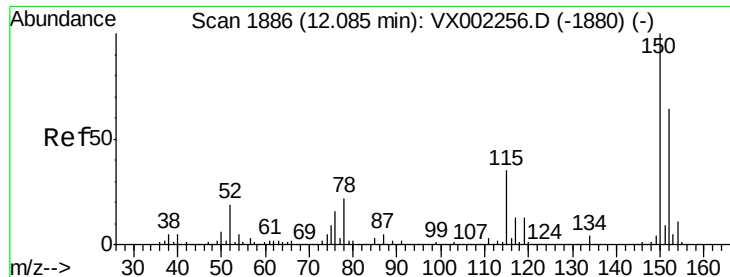
Tot Ion:106 Resp: 10153
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2



#69
o-Xylene
Concen: 0.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion:106 Resp: 3465
Ion Ratio Lower Upper
106 100
91 229.1 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampleId :

MW-35

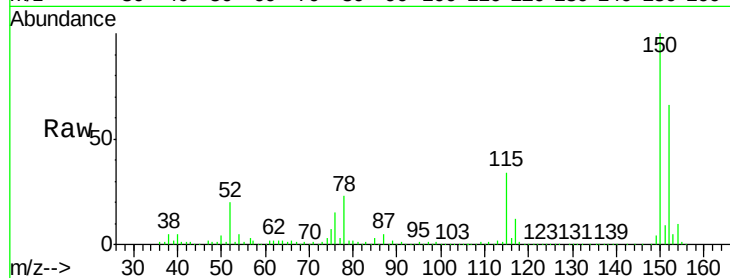
Tot Ion:152 Resp: 173674

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

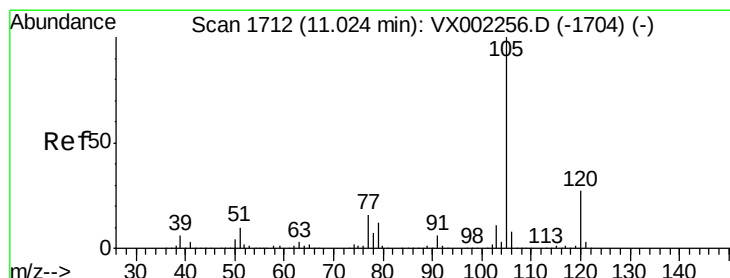
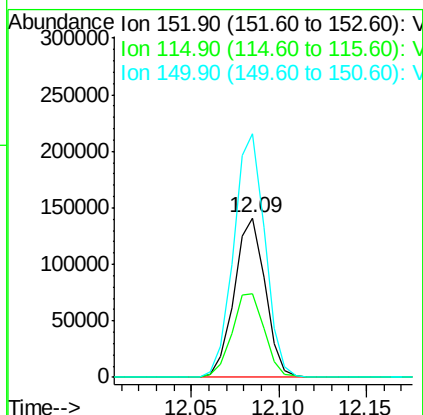
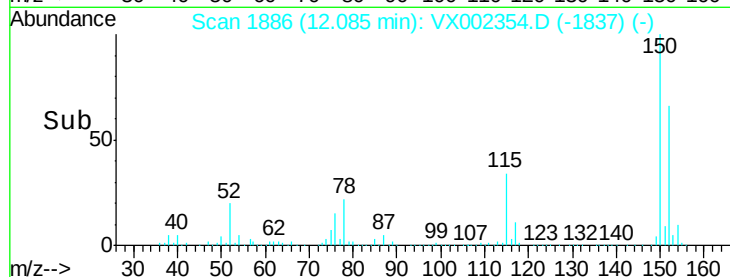
150 154.3 0.0 347.2



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: 32.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002354.D

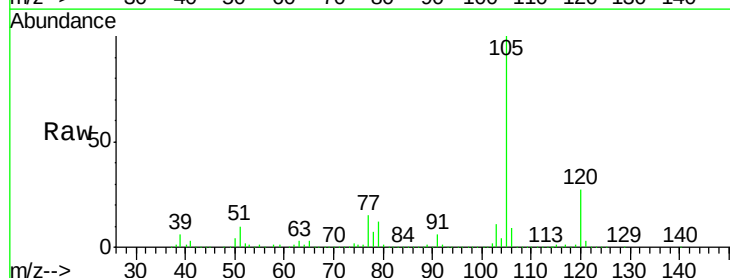
Acq: 06 Jun 2018 15:56

Tgt Ion:105 Resp: 395738

Ion Ratio Lower Upper

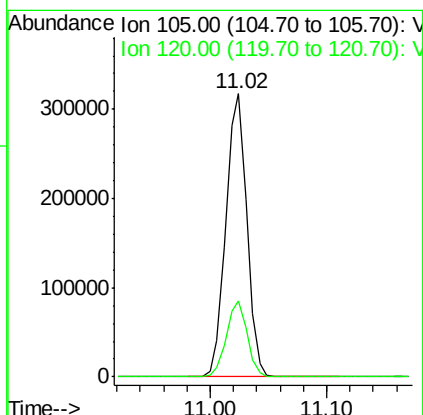
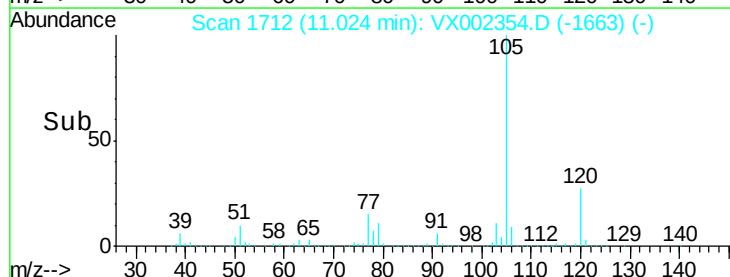
105 100

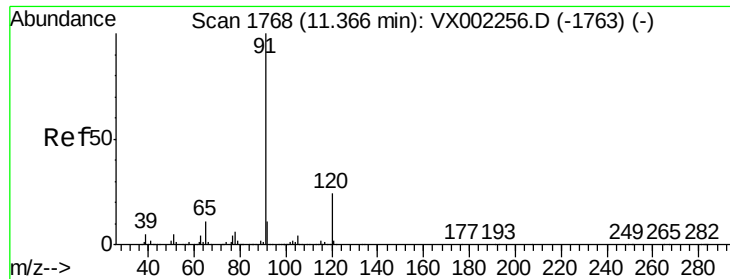
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

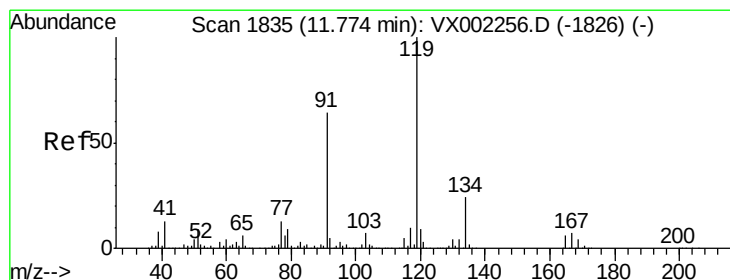
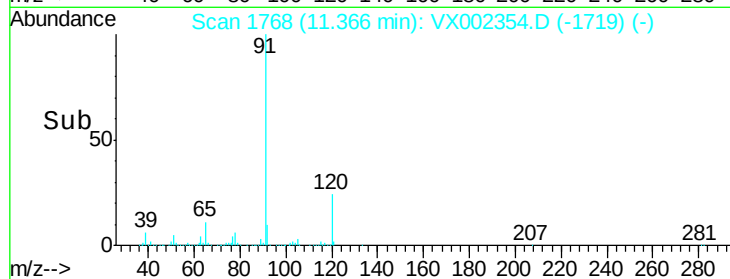
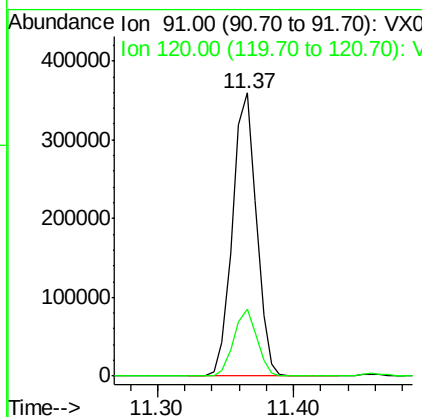
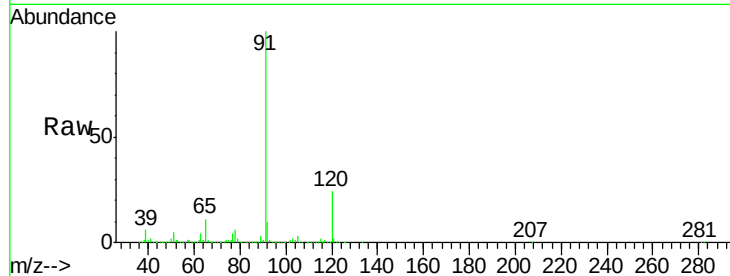




#78
n-propylbenzene
Concen: 32.80 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

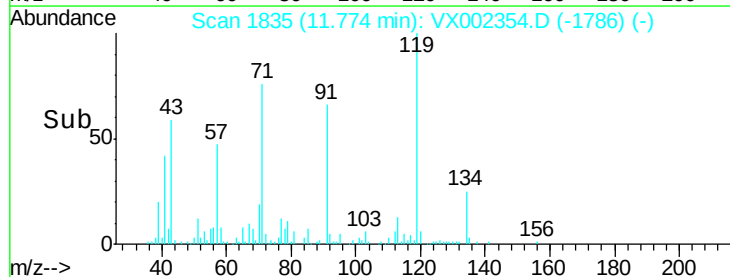
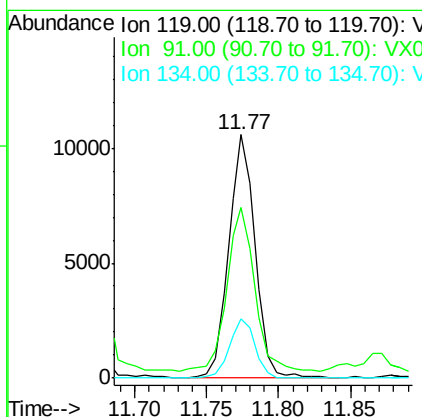
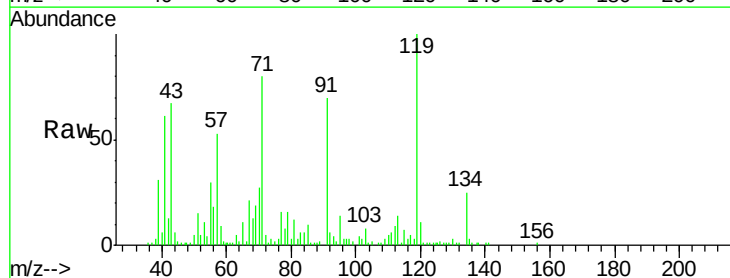
Instrument :
MSVOA_X
ClientSampled :
MW-35

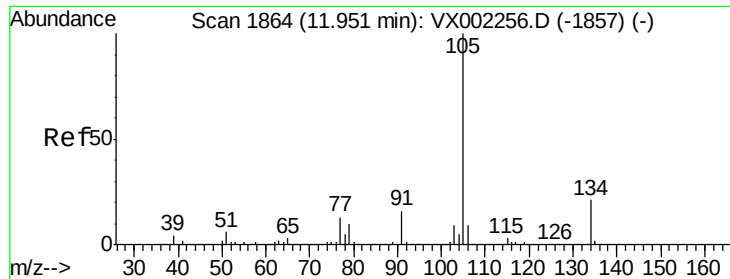
Tot Ion: 91 Resp: 440496
Ion Ratio Lower Upper
91 100
120 23.1 11.8 35.4



#83
tert-Butylbenzene
Concen: 1.35 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 119 Resp: 13669
Ion Ratio Lower Upper
119 100
91 70.5 30.3 90.9
134 23.5 11.7 35.1





#85

sec-Butylbenzene

Concen: 6.37 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampled :

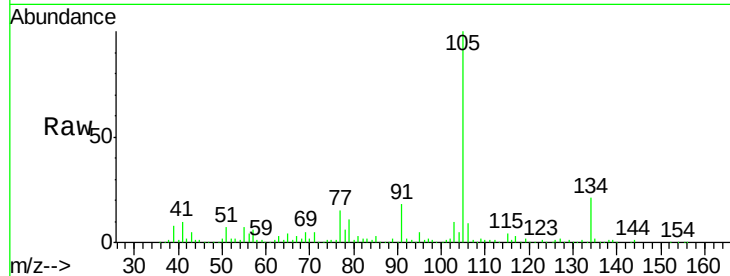
MW-35

Tot Ion:105 Resp: 75311

Ion Ratio Lower Upper

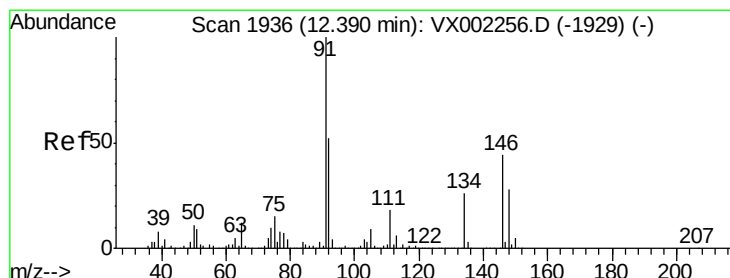
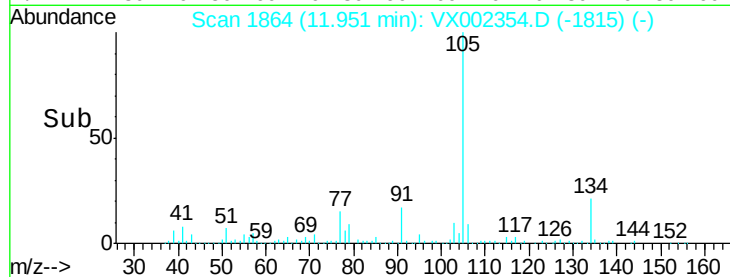
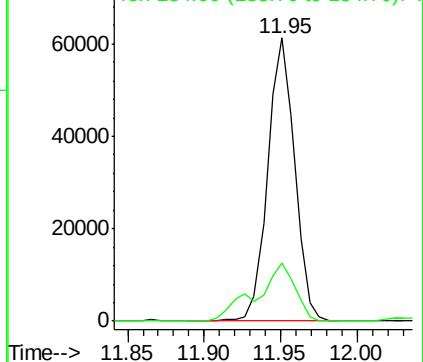
105 100

134 29.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 5.00 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

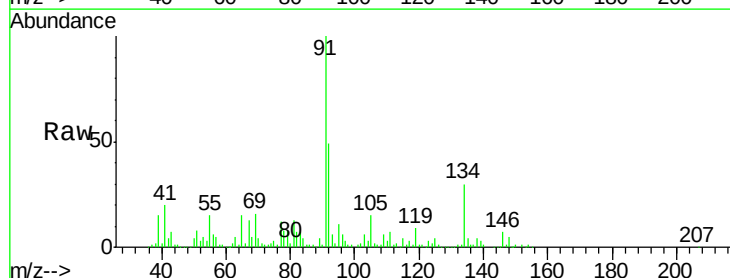
Tgt Ion: 91 Resp: 45209

Ion Ratio Lower Upper

91 100

92 42.6 26.0 78.0

134 55.6 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

