

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021819\
 Data File : VX007590.D
 Acq On : 18 Feb 2019 15:59
 Operator : JC/SP
 Sample : K1508-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

Quant Time: Feb 19 05:10:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	457725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	717254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	341035	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	262703	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
35) Dibromofluoromethane	5.50	113	245610	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	8.71	98	913516	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	318730	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	

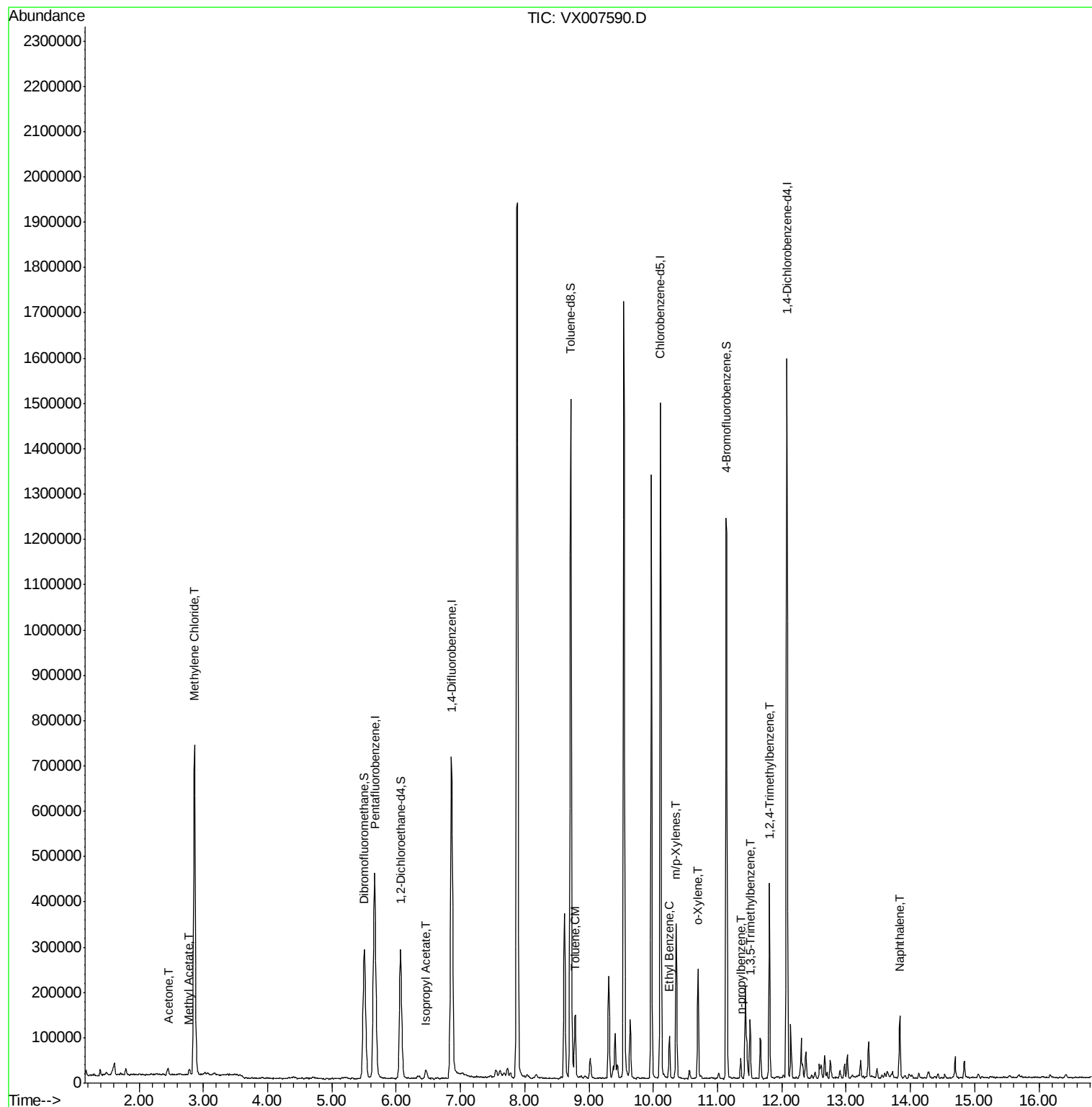
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	16579	7.450	ug/l	95
18) Methyl Acetate	2.78	43	17602	3.593	ug/l	98
20) Methylene Chloride	2.86	84	340896	75.190	ug/l	98
43) Isopropyl Acetate	6.46	43	25708	2.465	ug/l	97
52) Toluene	8.79	92	50337	3.963	ug/l	98
67) Ethyl Benzene	10.25	91	53300	2.115	ug/l	99
68) m/p-Xylenes	10.36	106	85268	8.510	ug/l	100
69) o-Xylene	10.70	106	39092	4.055	ug/l	99
78) n-propylbenzene	11.36	91	27155	1.069	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	53058	2.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187359	9.733	ug/l	99
95) Naphthalene	13.83	128	84326	3.666	ug/l	99

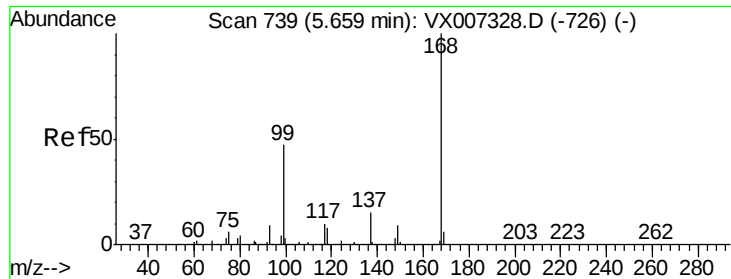
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021819\
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Acq On : 18 Feb 2019 15:59
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Quant Time: Feb 19 05:10:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

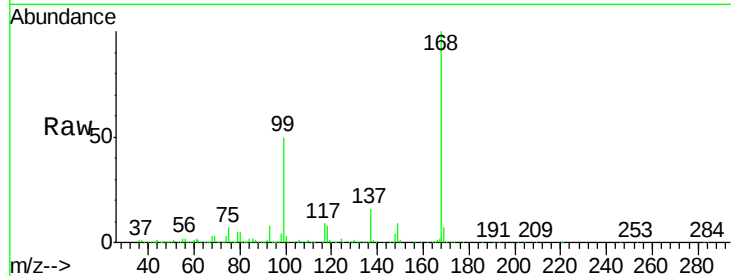
M-12-S

Tot Ion:168 Resp: 457725

Ion Ratio Lower Upper

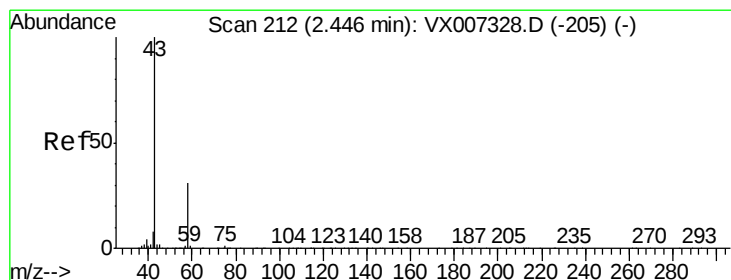
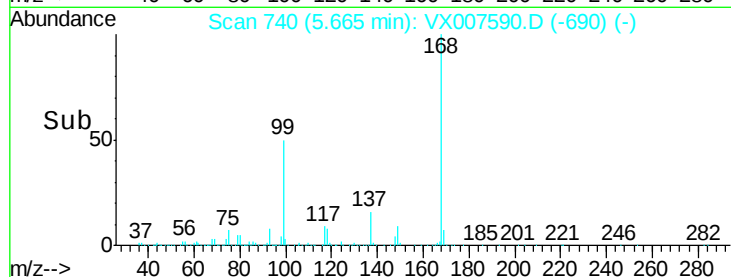
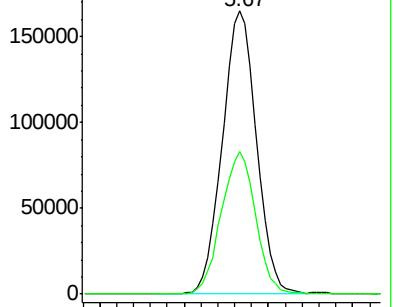
168 100

99 50.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.450 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007590.D

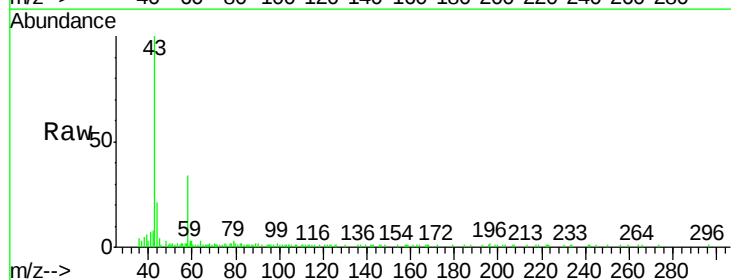
Acq: 18 Feb 2019 15:59

Tgt Ion: 43 Resp: 16579

Ion Ratio Lower Upper

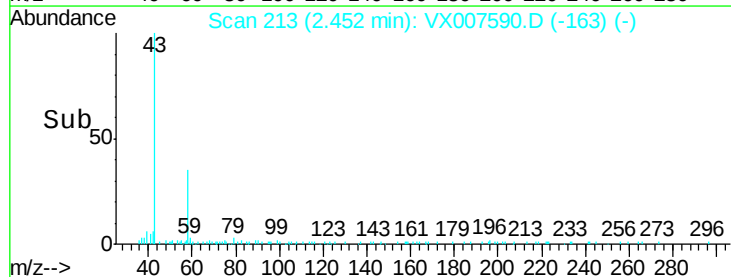
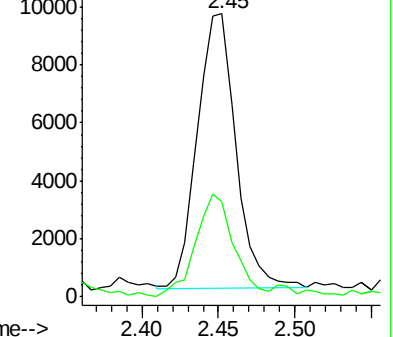
43 100

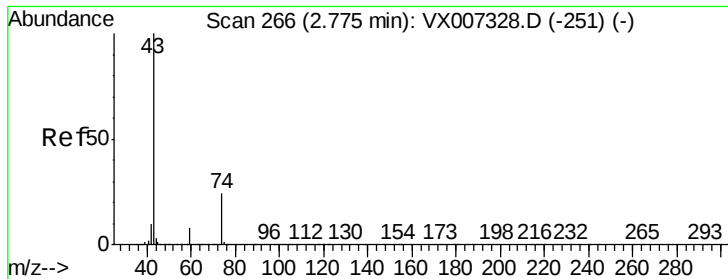
58 33.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

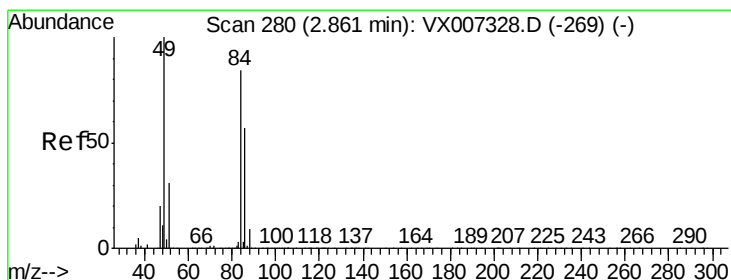
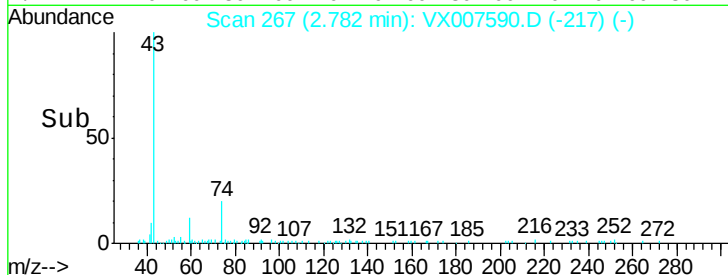
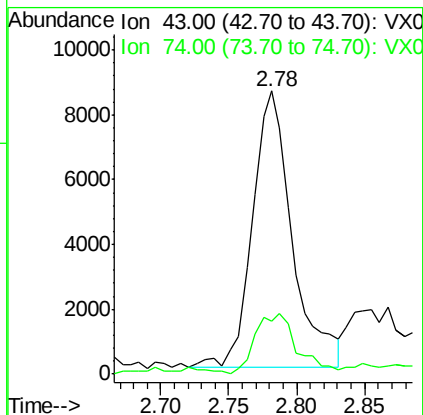
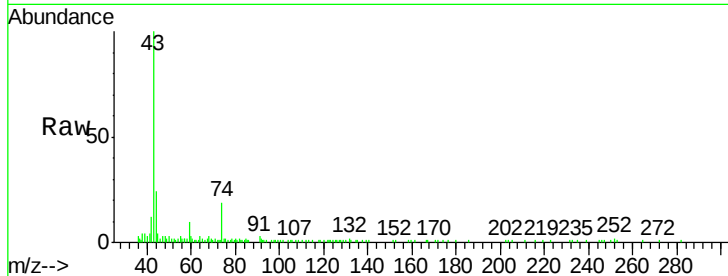




#18
Methyl Acetate
Concen: 3.593 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

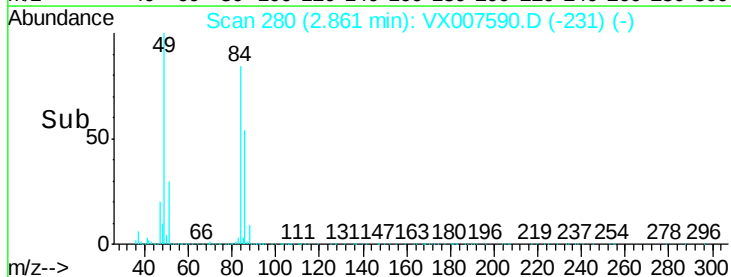
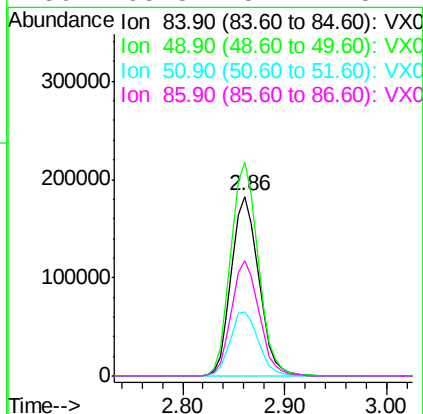
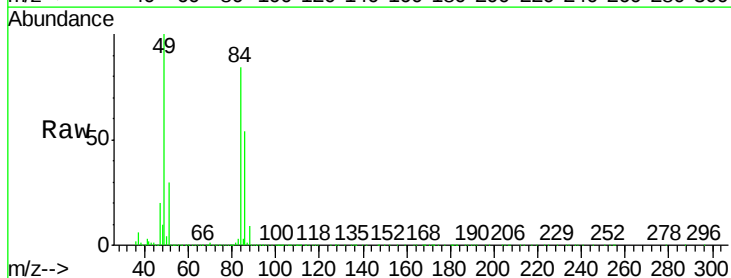
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

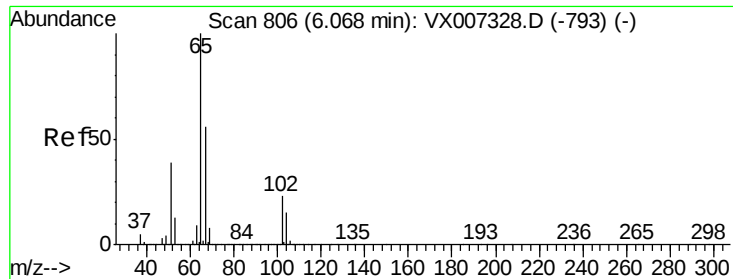
Tot Ion: 43 Resp: 17602
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#20
Methylene Chloride
Concen: 75.190 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 84 Resp: 340896
Ion Ratio Lower Upper
84 100
49 118.7 94.8 142.2
51 35.6 29.8 44.8
86 63.8 54.1 81.1





#33

1,2-Dichloroethane-d4

Concen: 54.072 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

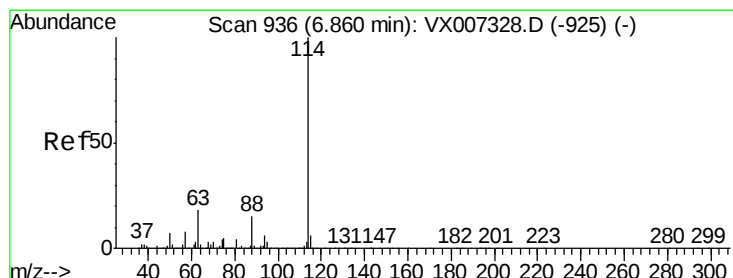
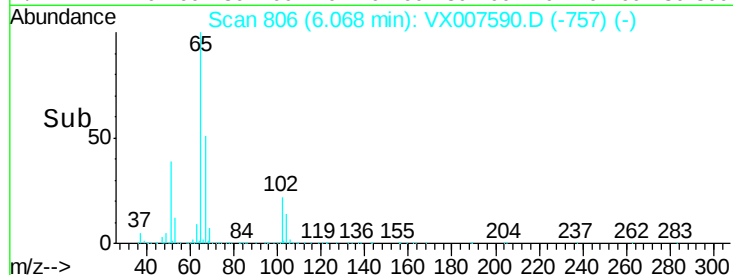
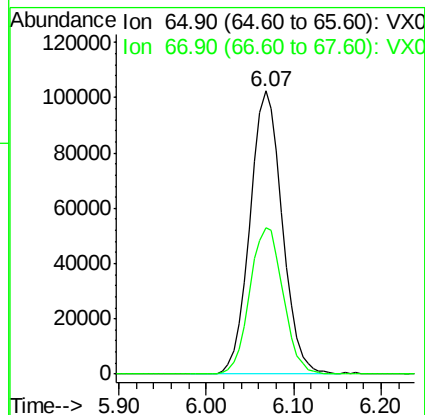
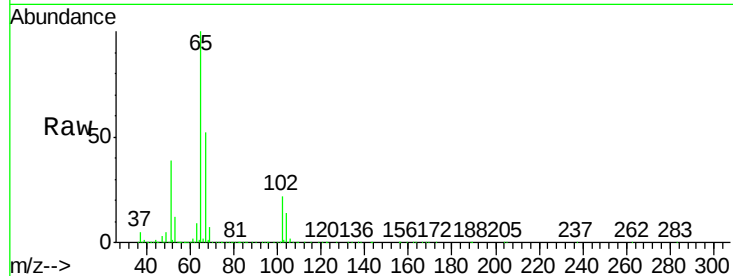
M-12-S

Tot Ion: 65 Resp: 262703

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

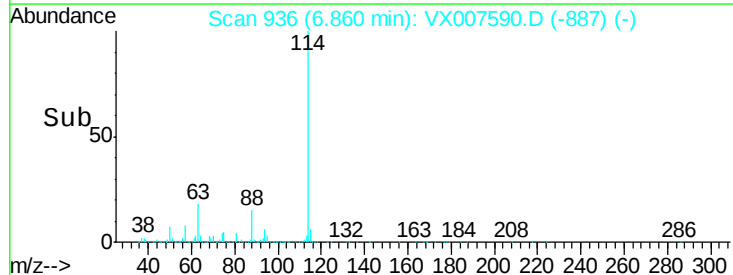
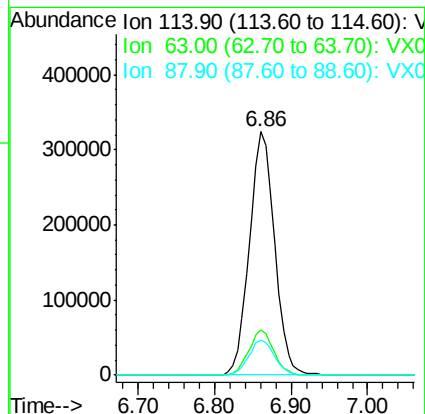
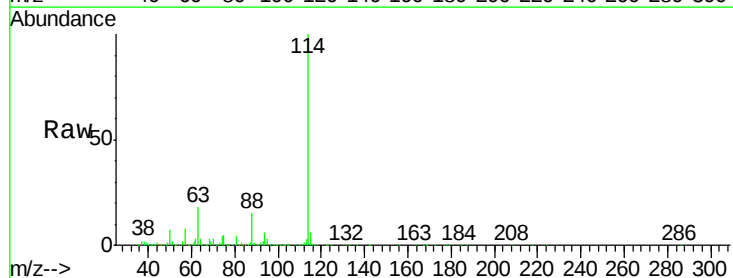
Tgt Ion: 114 Resp: 744870

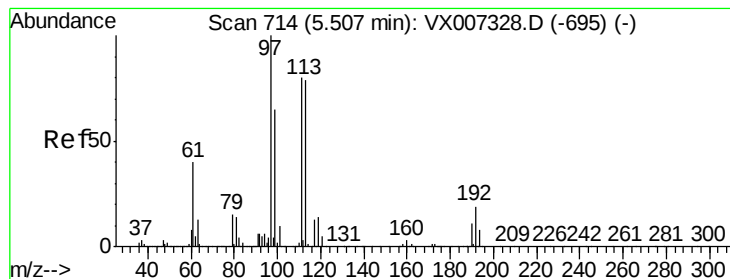
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.677 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
M-12-S

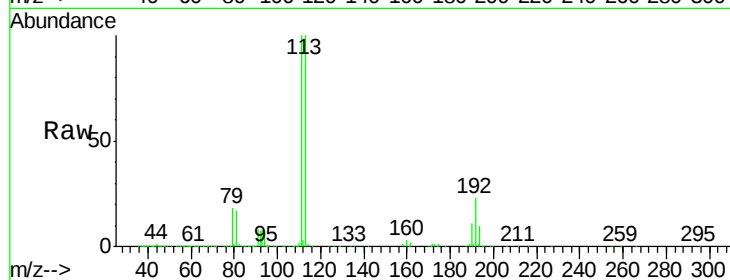
Tot Ion:113 Resp: 245610

Ion Ratio Lower Upper

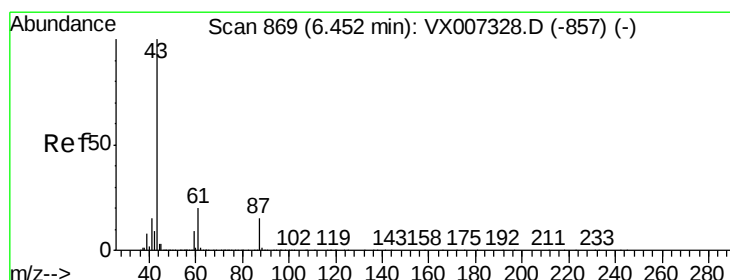
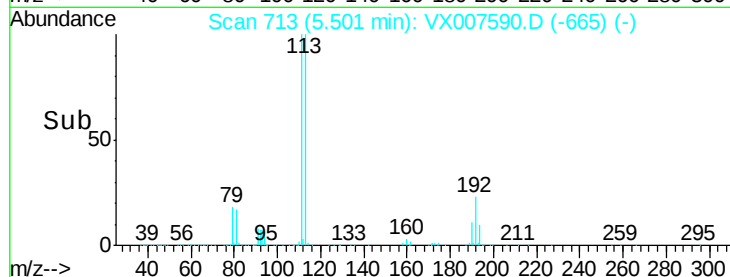
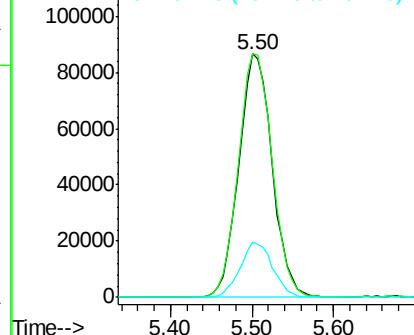
113 100

111 101.5 81.8 122.8

192 22.2 18.5 27.7



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



#43

Isopropyl Acetate

Concen: 2.465 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

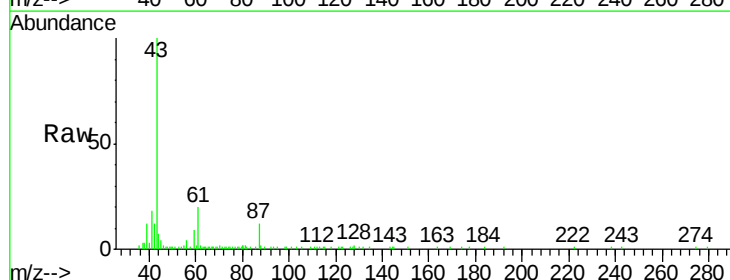
Tgt Ion: 43 Resp: 25708

Ion Ratio Lower Upper

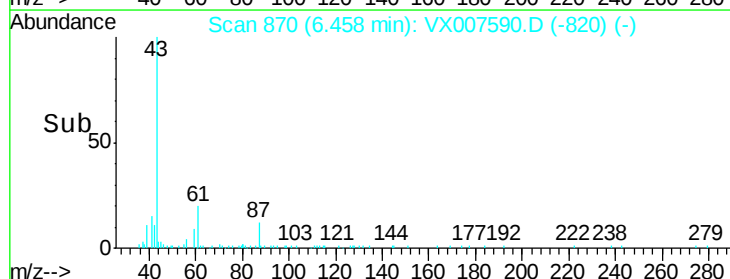
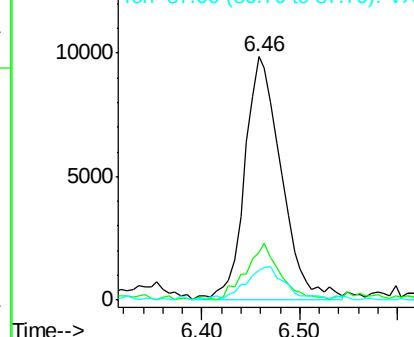
43 100

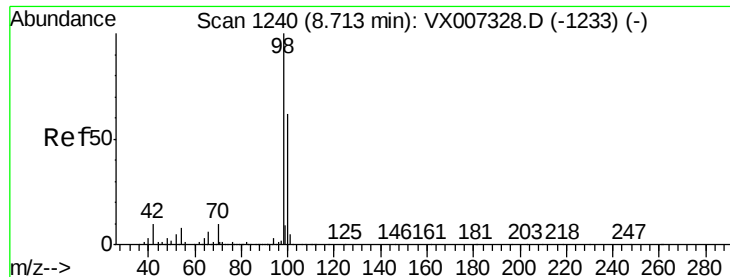
61 21.6 16.1 24.1

87 15.2 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.802 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

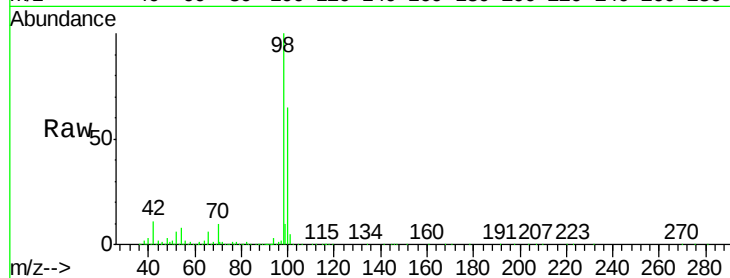
M-12-S

Tot Ion: 98 Resp: 913516

Ion Ratio Lower Upper

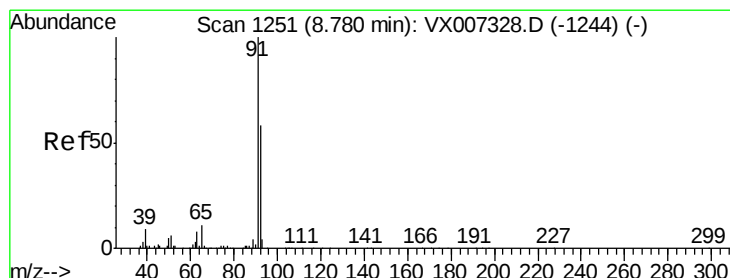
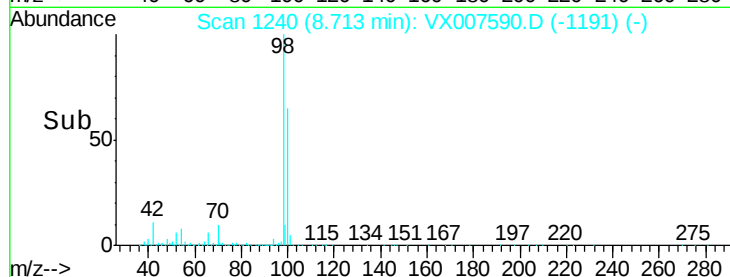
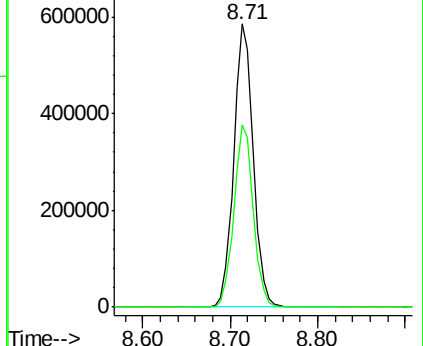
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 3.963 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007590.D

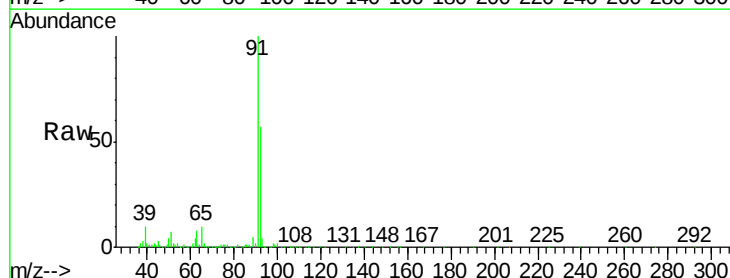
Acq: 18 Feb 2019 15:59

Tgt Ion: 92 Resp: 50337

Ion Ratio Lower Upper

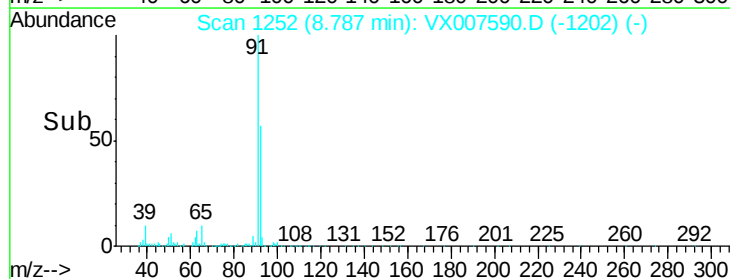
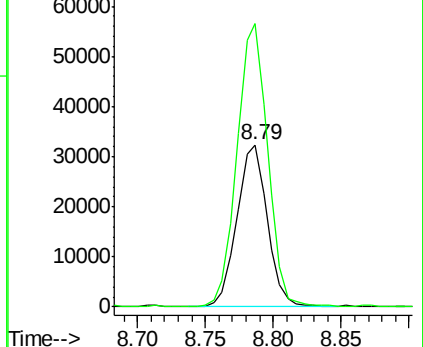
92 100

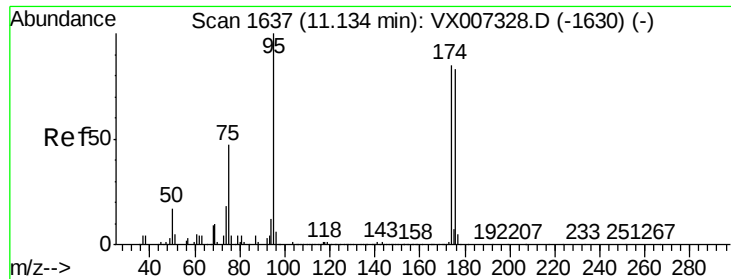
91 177.2 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.549 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

M-12-S

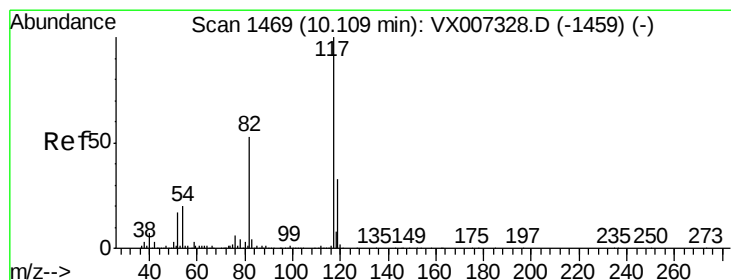
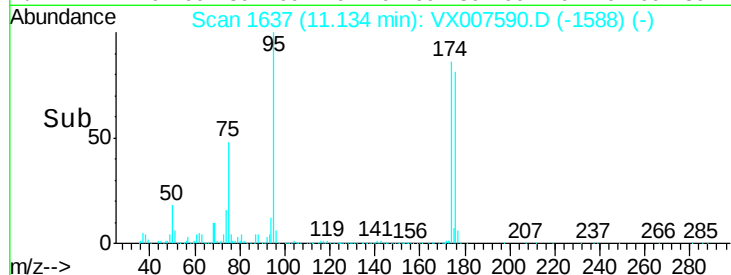
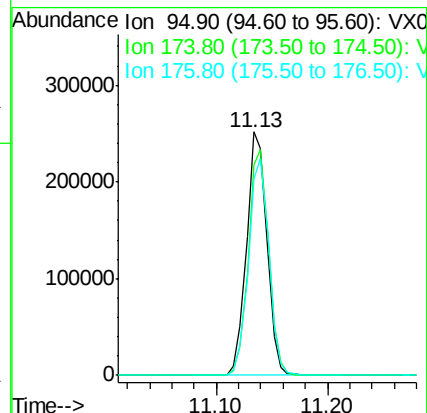
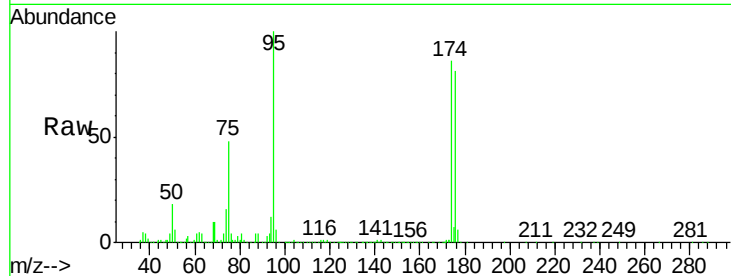
Tot Ion: 95 Resp: 318730

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

176 89.6 0.0 186.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

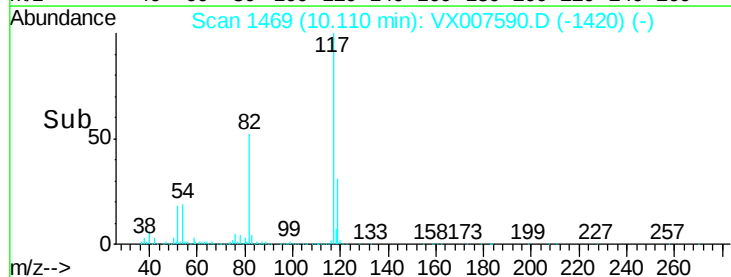
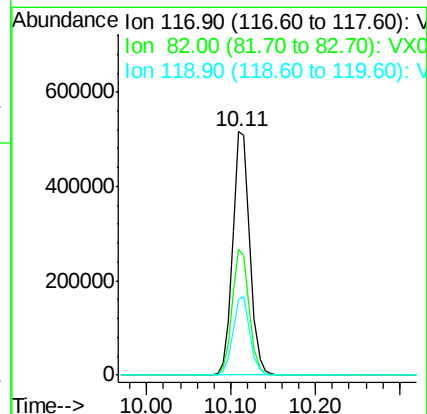
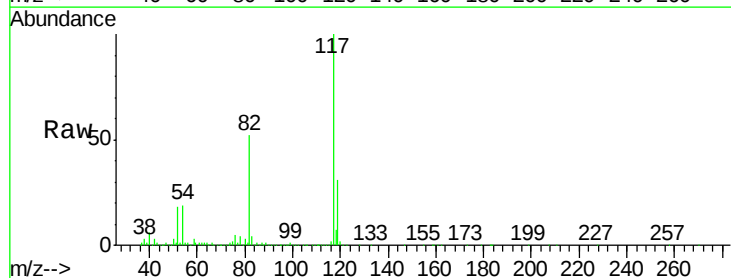
Tgt Ion: 117 Resp: 717254

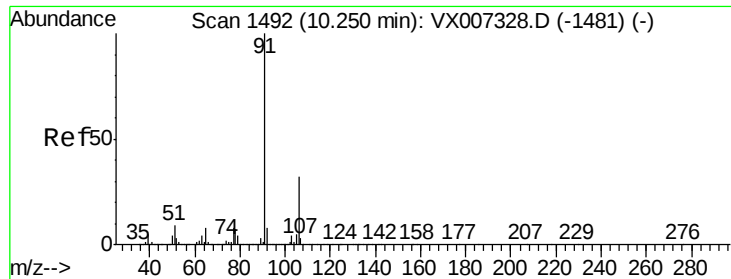
Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

119 31.4 26.5 39.7

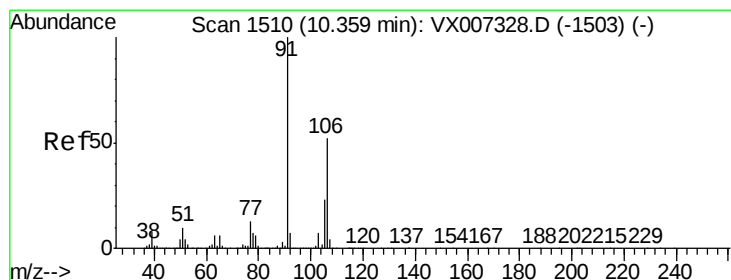
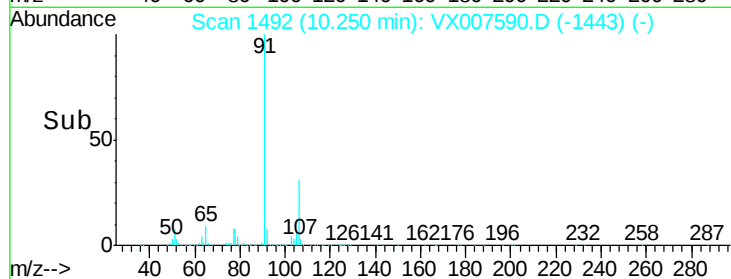
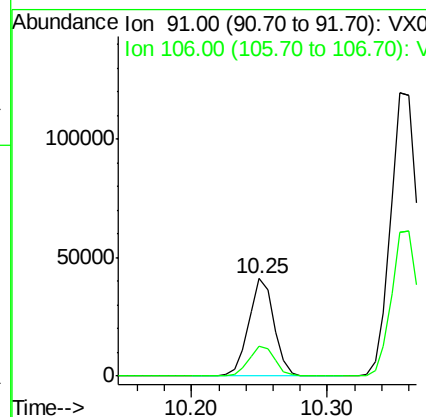
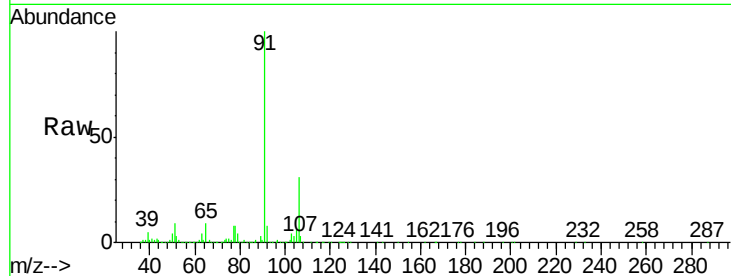




#67
Ethyl Benzene
Concen: 2.115 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

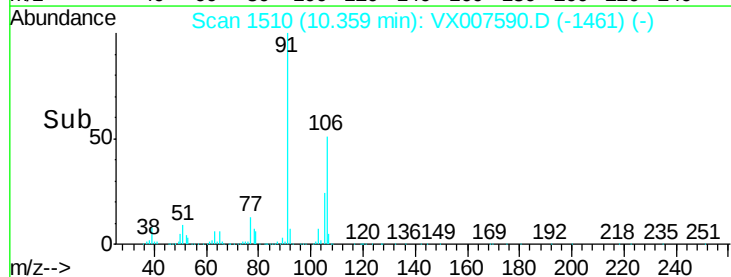
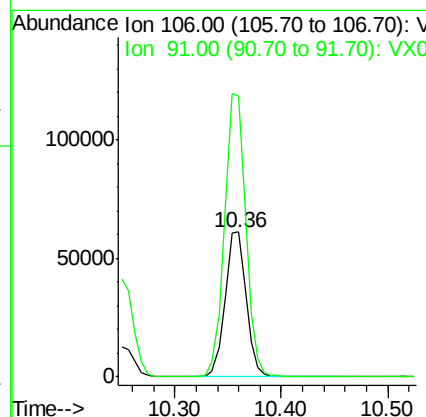
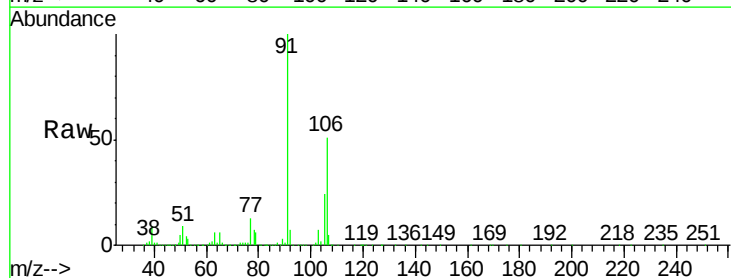
Instrument :
MSVOA_X
ClientSampled :
M-12-S

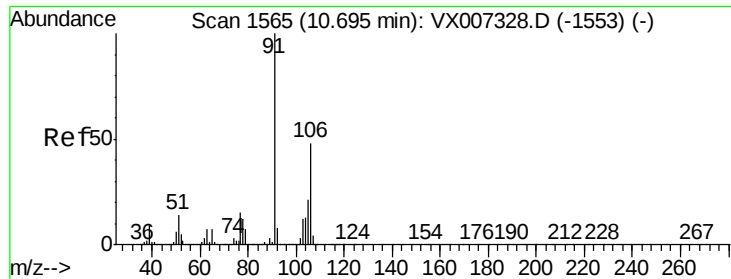
Tot Ion: 91 Resp: 53300
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 8.510 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 106 Resp: 85268
Ion Ratio Lower Upper
106 100
91 196.2 156.6 234.8

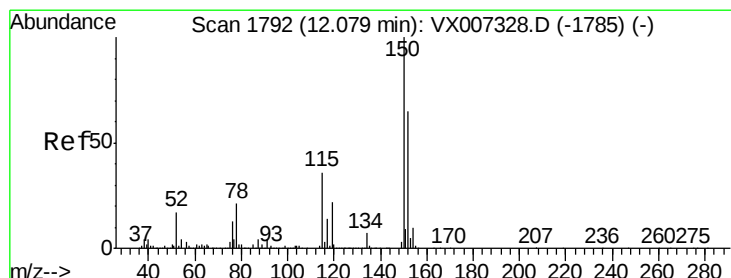
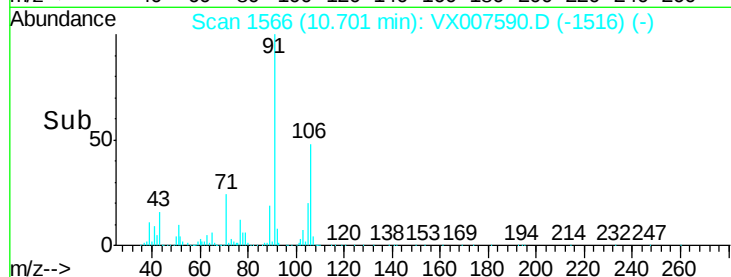
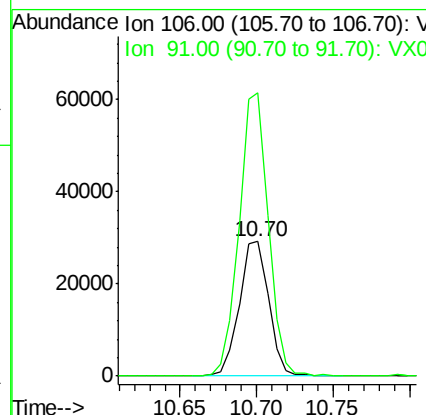
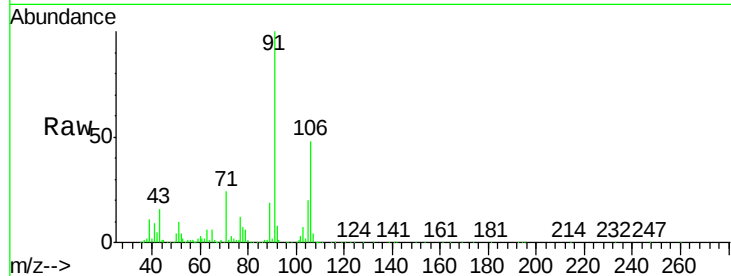




#69
o-Xylene
Concen: 4.055 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

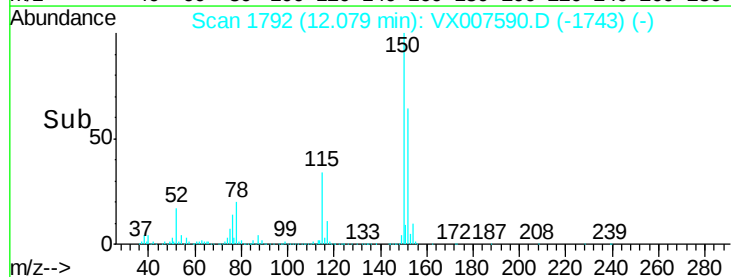
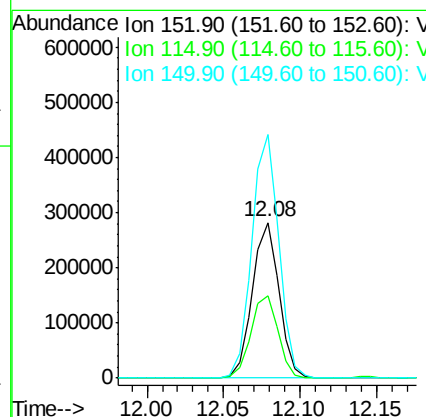
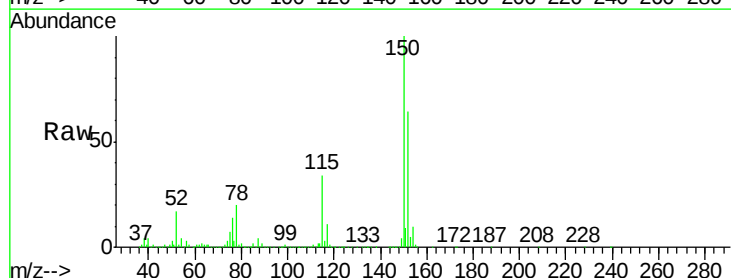
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

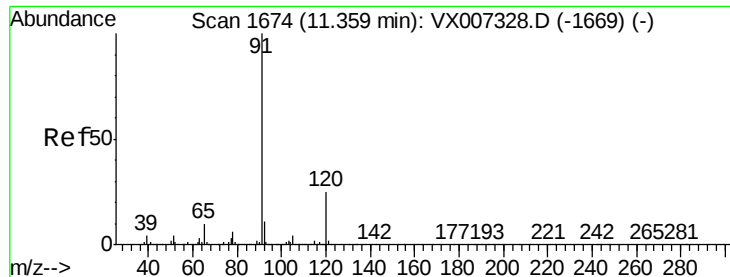
Tot Ion:106 Resp: 39092
Ion Ratio Lower Upper
106 100
91 207.8 102.9 308.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion:152 Resp: 341035
Ion Ratio Lower Upper
152 100
115 54.1 38.0 114.0
150 158.5 0.0 346.4





#78

n-propylbenzene

Concen: 1.069 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

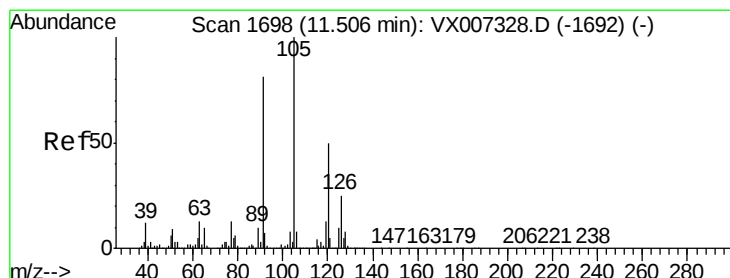
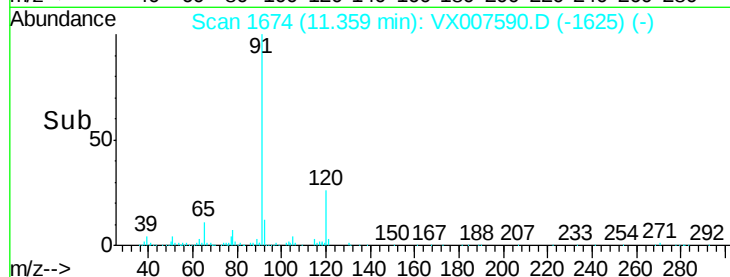
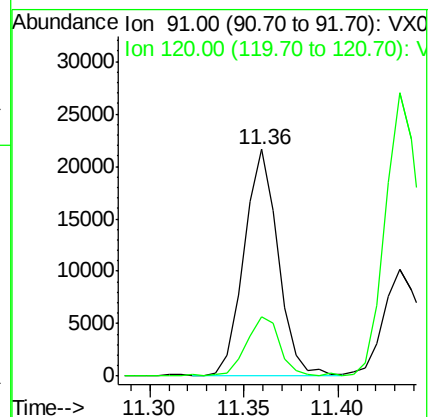
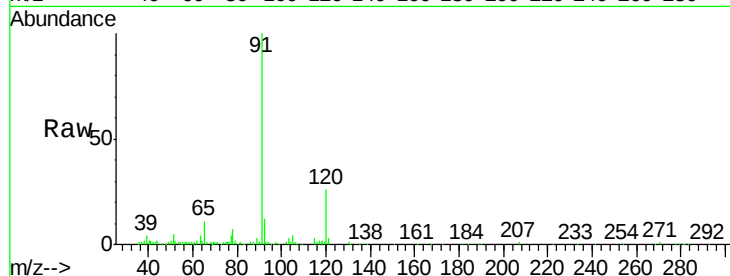
M-12-S

Tot Ion: 91 Resp: 27155

Ion Ratio Lower Upper

91 100

120 26.2 12.4 37.2



#80

1,3,5-Trimethylbenzene

Concen: 2.798 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007590.D

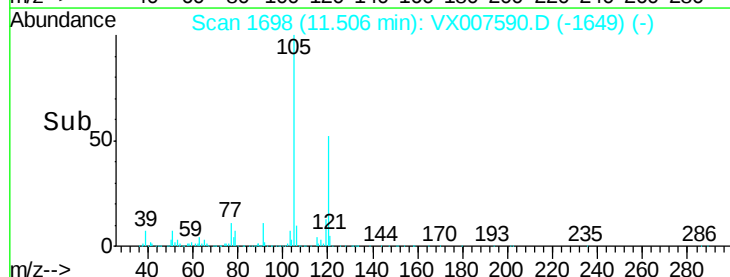
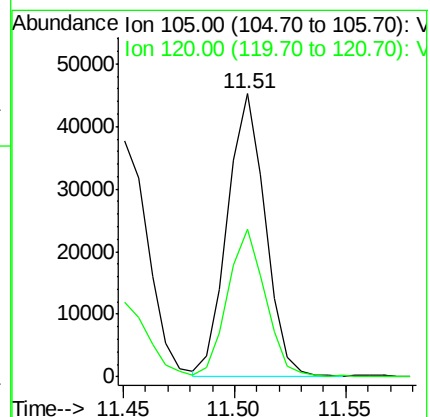
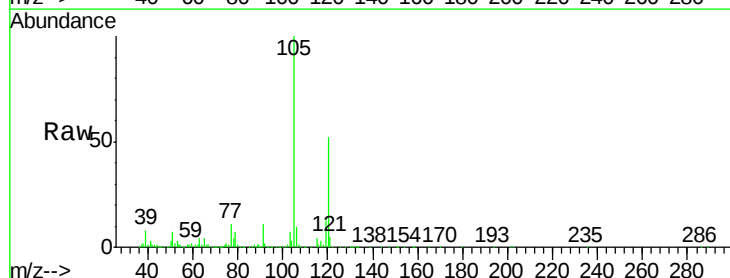
Acq: 18 Feb 2019 15:59

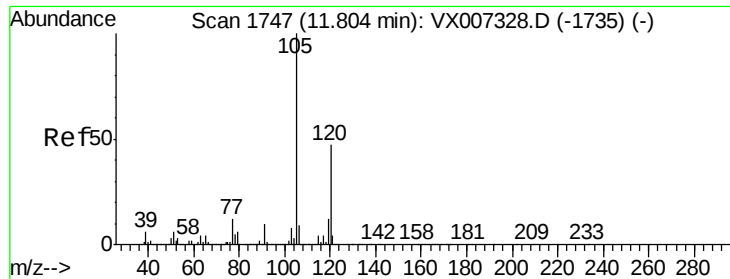
Tgt Ion: 105 Resp: 53058

Ion Ratio Lower Upper

105 100

120 52.1 25.3 75.8

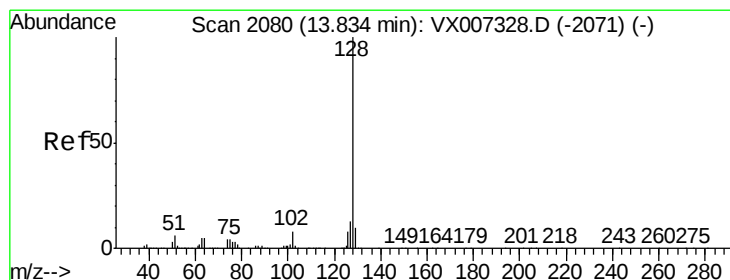
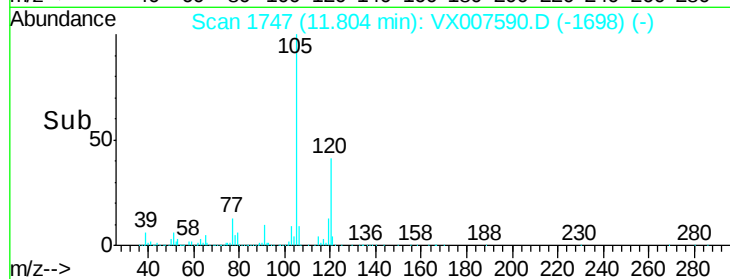
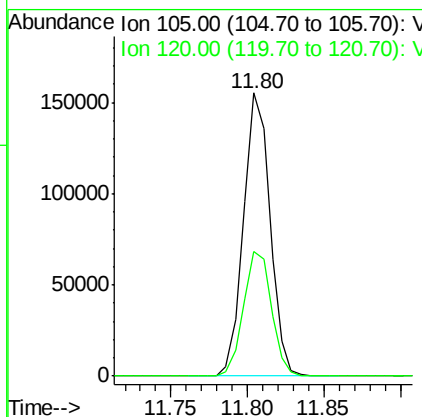
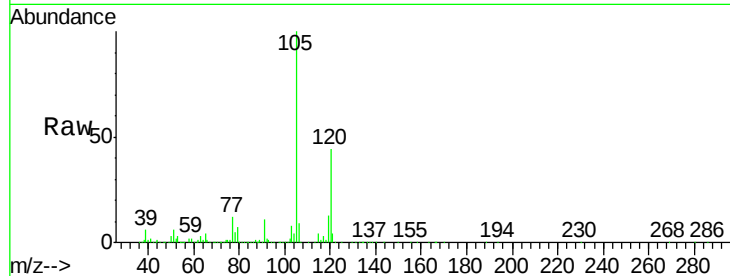




#84
 1,2,4-Trimethylbenzene
 Concen: 9.733 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

Tot Ion:105 Resp: 187359
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.3



#95
 Naphthalene
 Concen: 3.666 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

Tgt Ion:128 Resp: 84326
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.5 15.7
 129 11.4 8.7 13.1

