

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072318\
 Data File : VX003610.D
 Acq On : 23 Jul 2018 17:50
 Operator : JC/SP
 Sample : J4048-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-3

Quant Time: Jul 28 07:12:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193292	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	156982	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	5.51	113	139729	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	8.72	98	524874	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	180101	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	

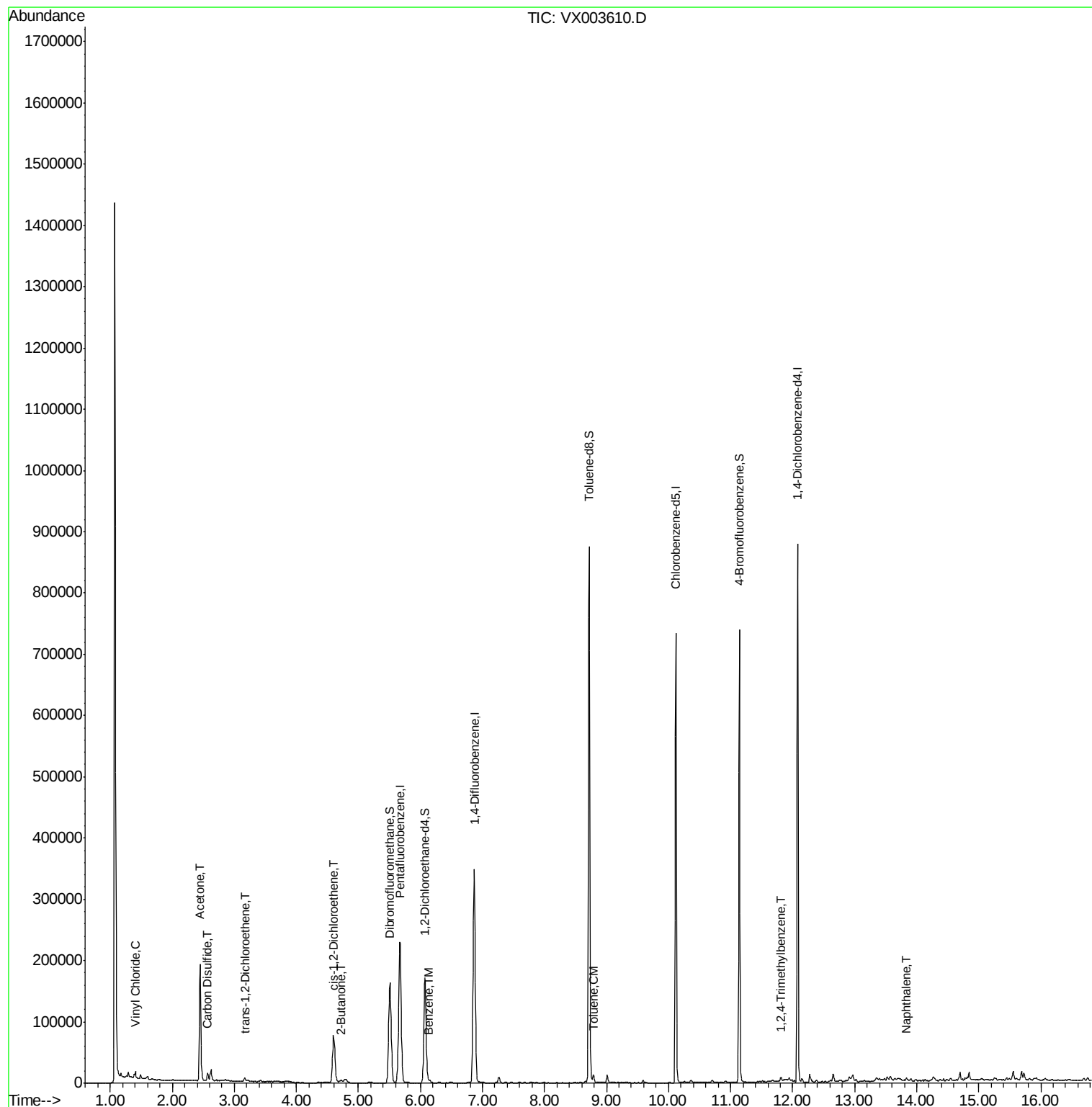
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	6324	2.031	ug/l	90
16) Acetone	2.45	43	200738	183.127	ug/l #	88
17) Carbon Disulfide	2.57	76	15887	2.344	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	2144	0.770	ug/l	92
25) 2-Butanone	4.71	43	8301	4.513	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	50370	16.237	ug/l	94
40) Benzene	6.14	78	4522	0.380	ug/l	95
52) Toluene	8.79	92	3866	0.515	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2689	0.241	ug/l	93
95) Naphthalene	13.84	128	3806	0.284	ug/l #	90

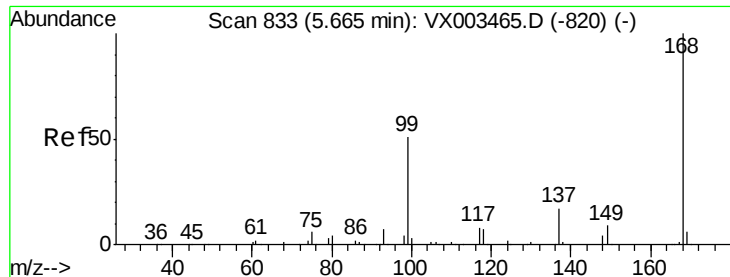
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

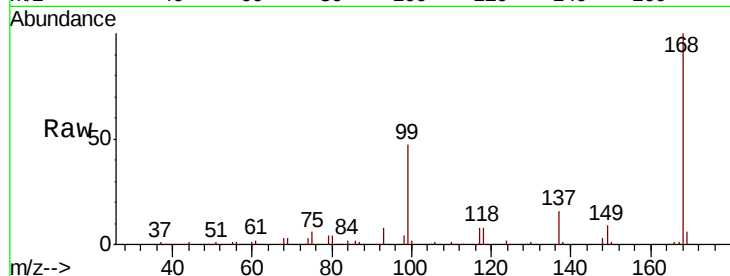
YT-MW-3

Tgt Ion:168 Resp: 245159

Ion Ratio Lower Upper

168 100

99 46.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

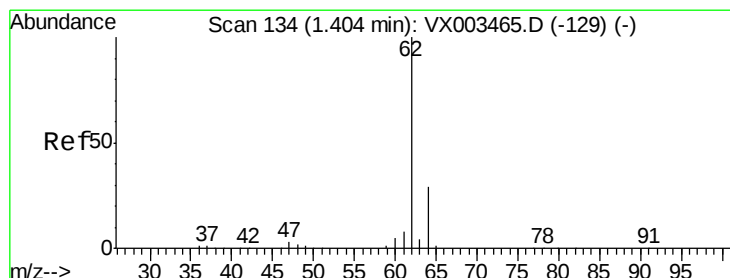
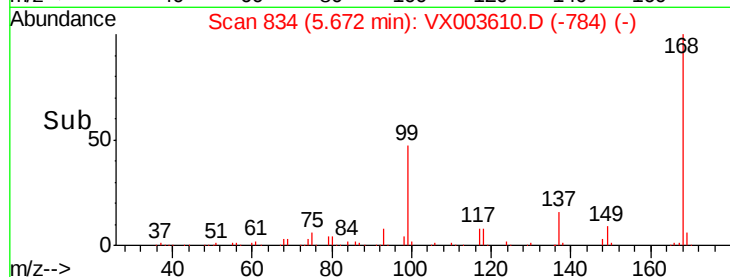
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.031 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003610.D

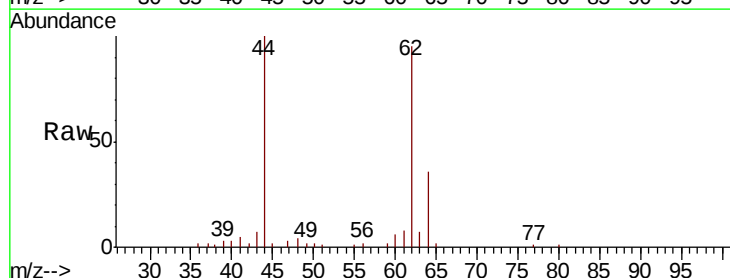
Acq: 23 Jul 2018 17:50

Tgt Ion: 62 Resp: 6324

Ion Ratio Lower Upper

62 100

64 37.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

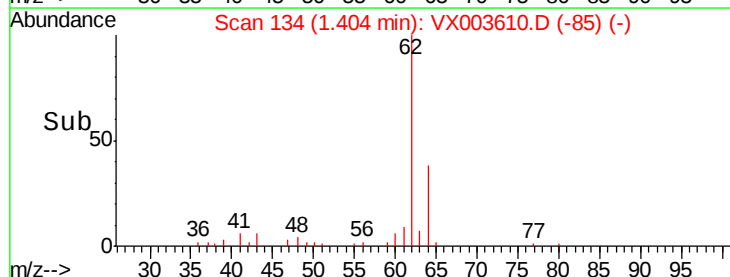
6000

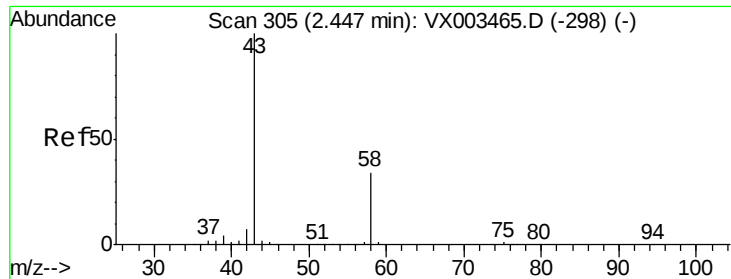
4000

2000

0

Time--> 1.35 1.40 1.45 1.50





#16

Acetone

Concen: 183.127 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

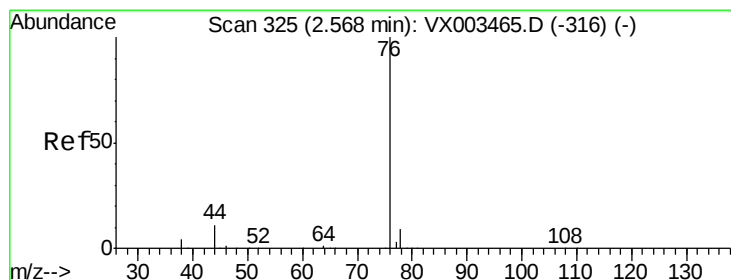
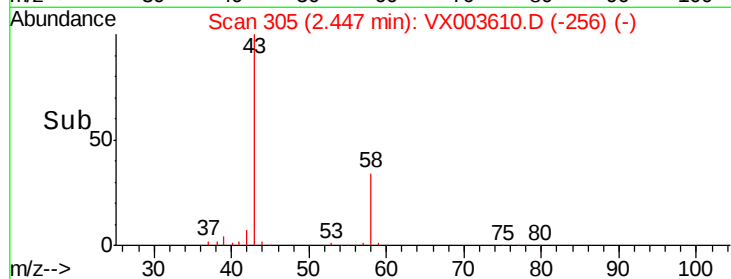
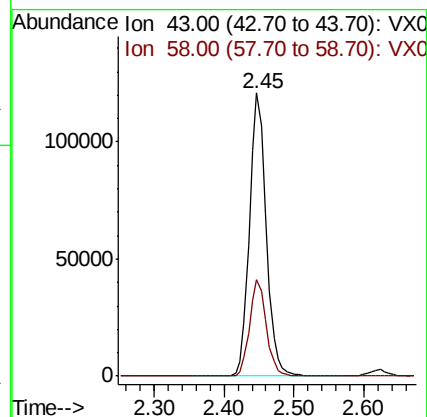
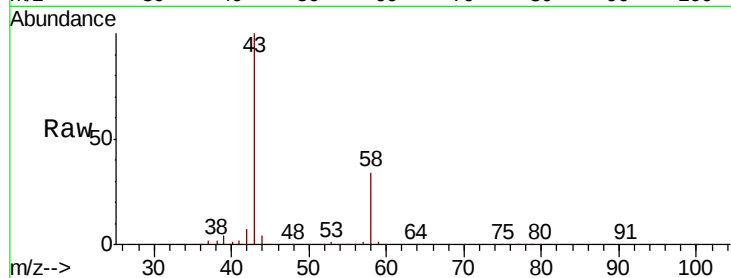
YT-MW-3

Tgt Ion: 43 Resp: 200738

Ion Ratio Lower Upper

43 100

58 33.9 22.1 33.1#



#17

Carbon Disulfide

Concen: 2.344 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003610.D

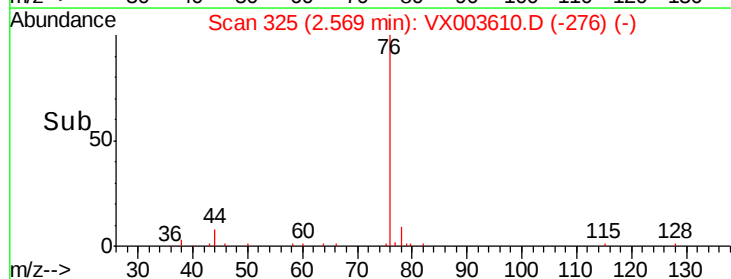
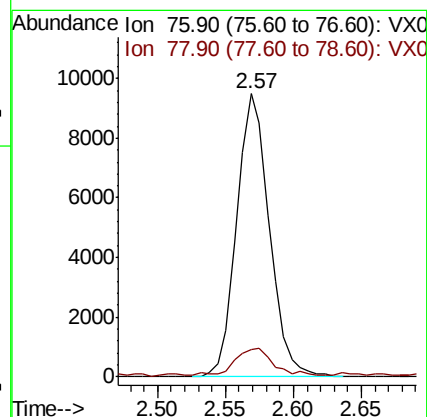
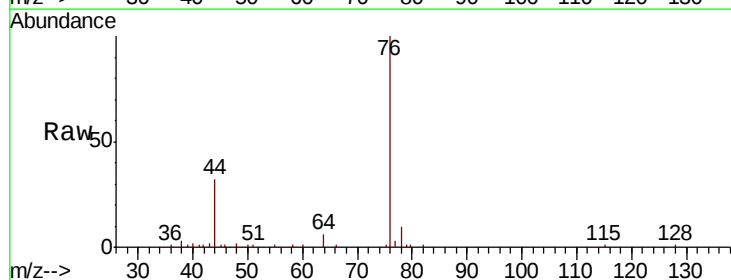
Acq: 23 Jul 2018 17:50

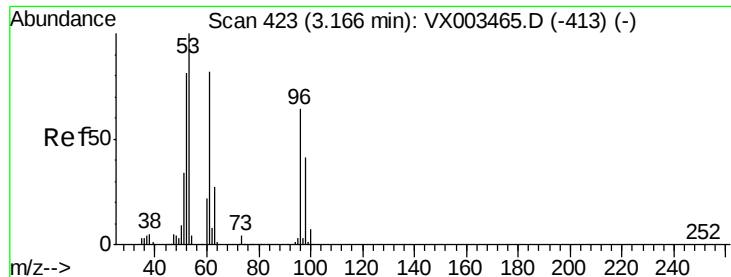
Tgt Ion: 76 Resp: 15887

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3





#21

trans-1,2-Dichloroethene

Concen: 0.770 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-3

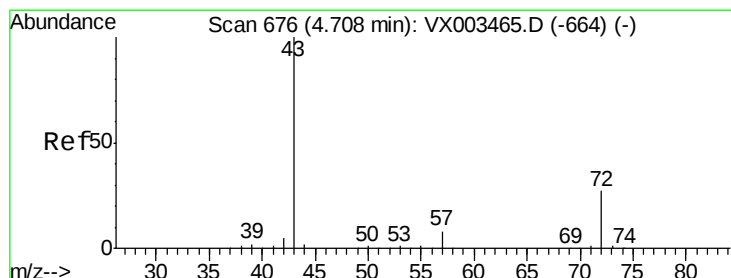
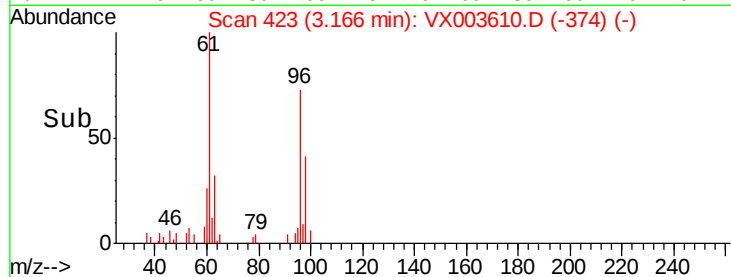
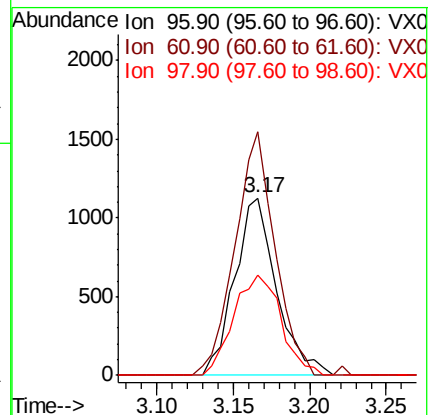
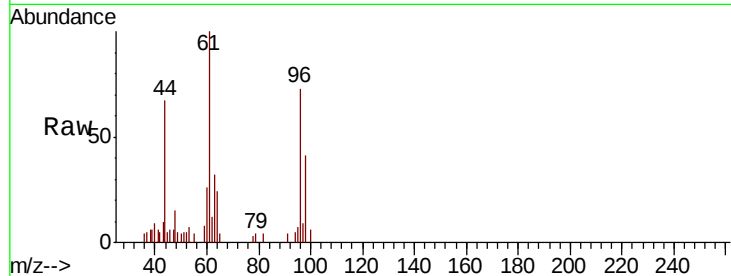
Tgt Ion: 96 Resp: 2144

Ion Ratio Lower Upper

96 100

61 137.4 117.0 175.4

98 56.6 52.4 78.6



#25

2-Butanone

Concen: 4.513 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003610.D

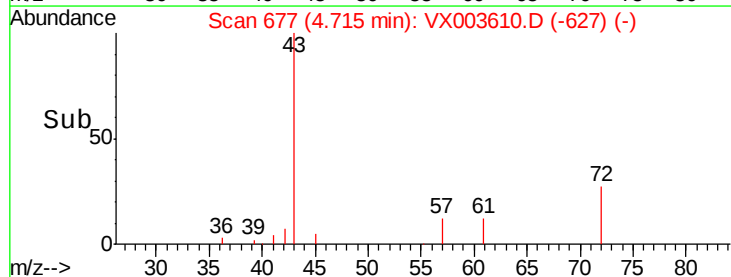
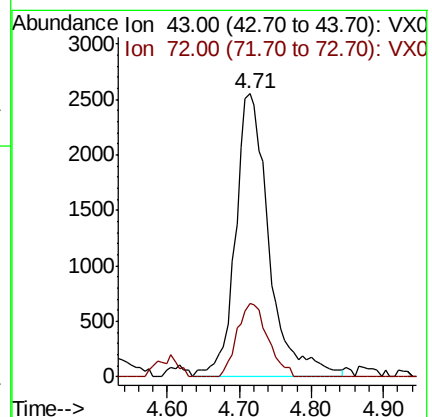
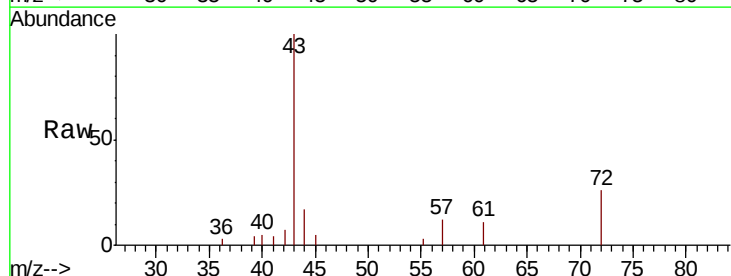
Acq: 23 Jul 2018 17:50

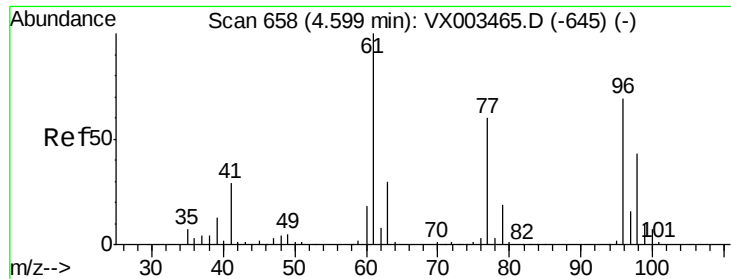
Tgt Ion: 43 Resp: 8301

Ion Ratio Lower Upper

43 100

72 26.0 18.5 27.7



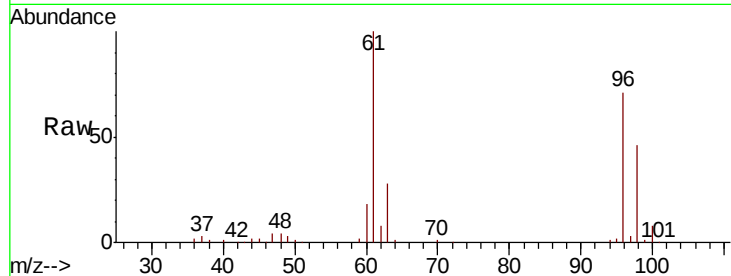


#27

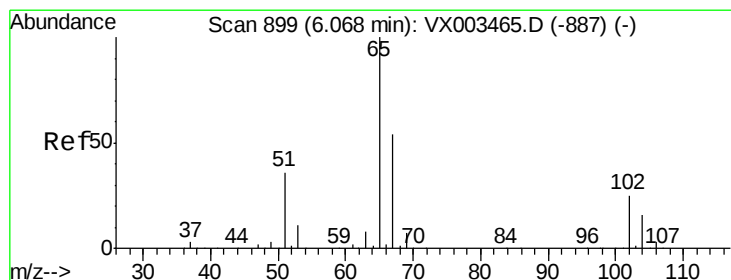
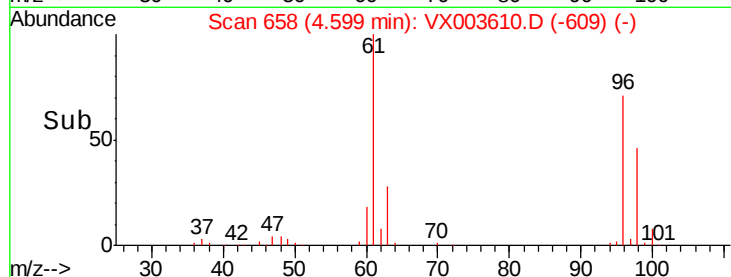
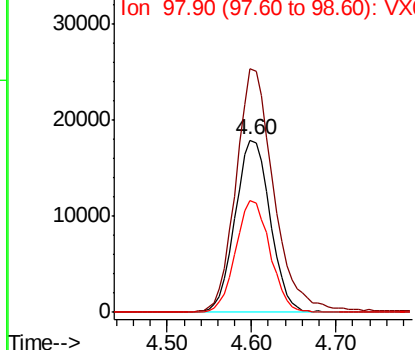
cis-1,2-Dichloroethene
 Concen: 16.237 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003610.D
 Acq: 23 Jul 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-3

Tgt Ion: 96 Resp: 50370
 Ion Ratio Lower Upper
 96 100
 61 154.6 0.0 330.2
 98 63.6 0.0 130.2



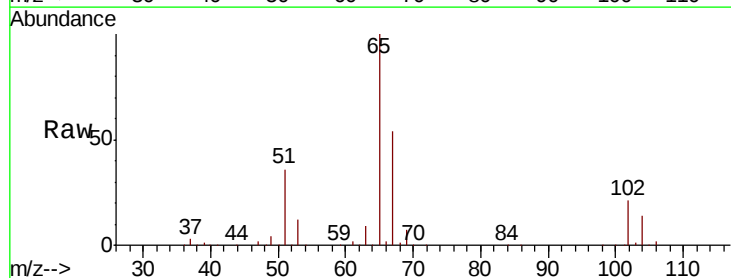
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



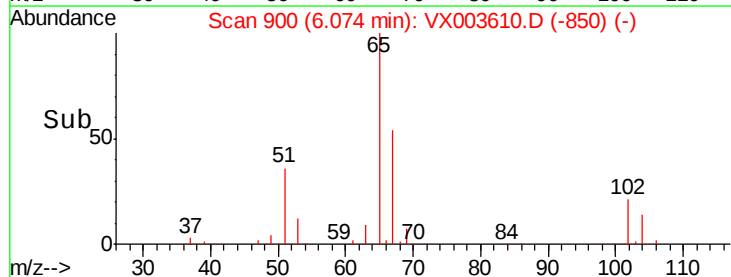
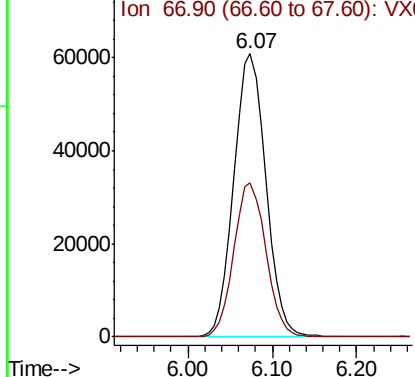
#33

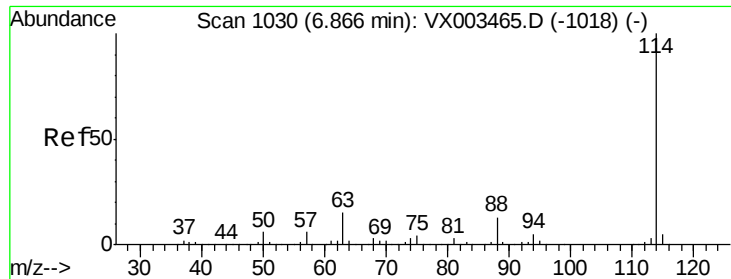
1,2-Dichloroethane-d4
 Concen: 54.094 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003610.D
 Acq: 23 Jul 2018 17:50

Tgt Ion: 65 Resp: 156982
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

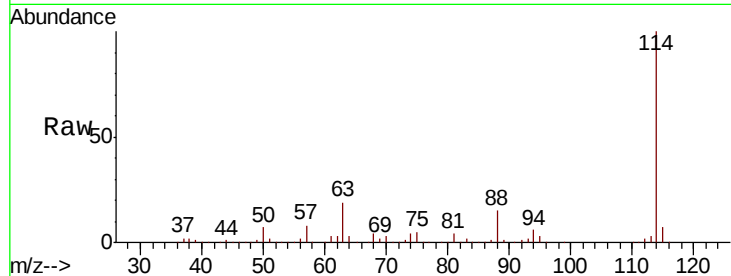




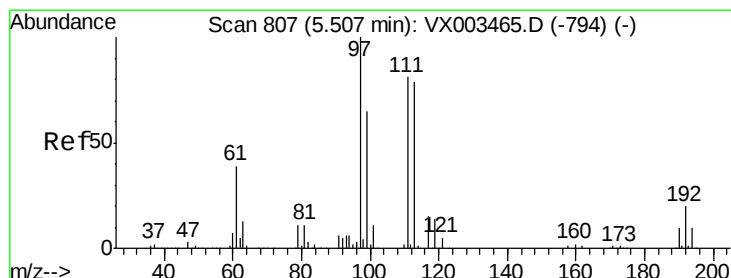
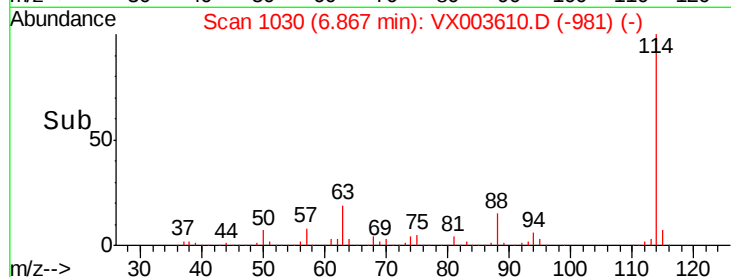
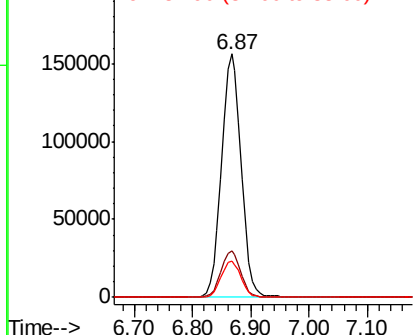
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003610.D
 Acq: 23 Jul 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-3

Tgt Ion:114 Resp: 365500
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.1 0.0 30.0

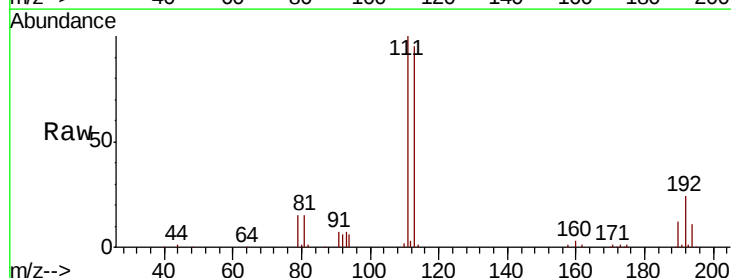


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

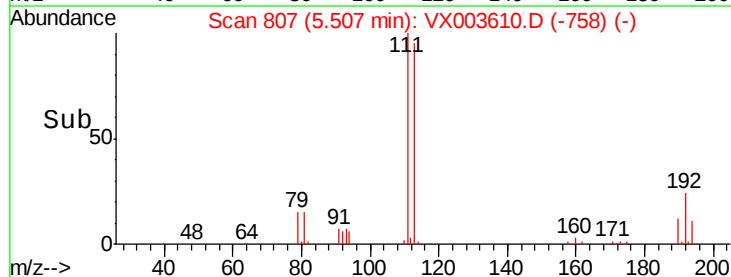
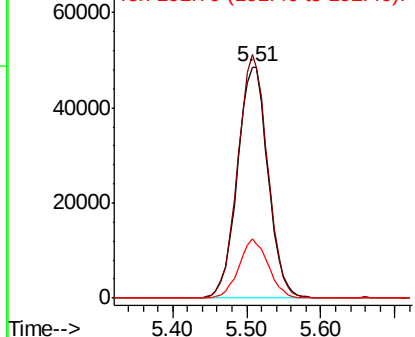


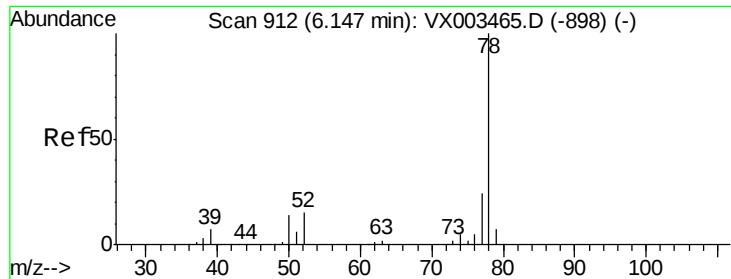
#35
 Dibromofluoromethane
 Concen: 50.192 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003610.D
 Acq: 23 Jul 2018 17:50

Tgt Ion:113 Resp: 139729
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 24.5 19.1 28.7



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





#40

Benzene

Concen: 0.380 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

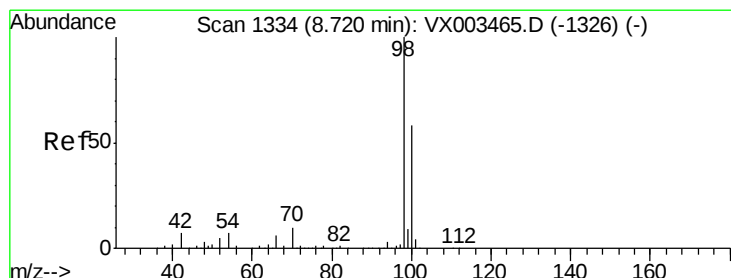
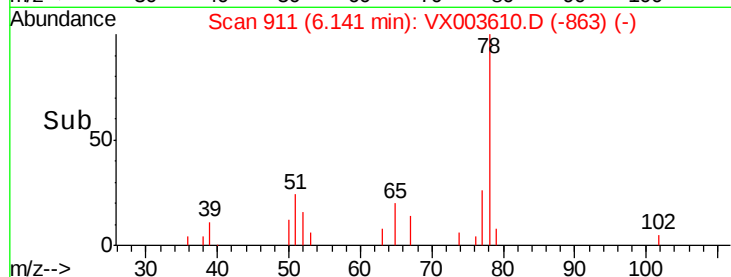
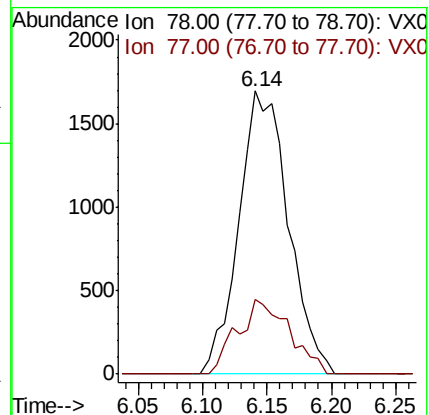
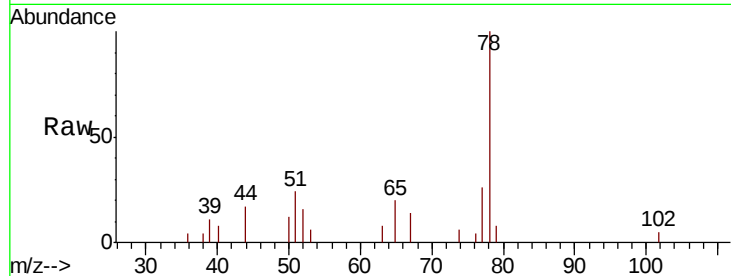
YT-MW-3

Tgt Ion: 78 Resp: 4522

Ion Ratio Lower Upper

78 100

77 26.3 19.1 28.7



#50

Toluene-d8

Concen: 50.161 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003610.D

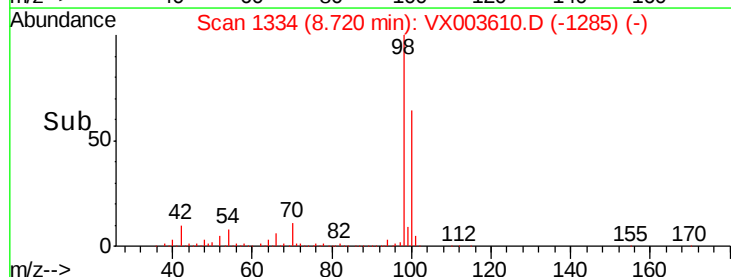
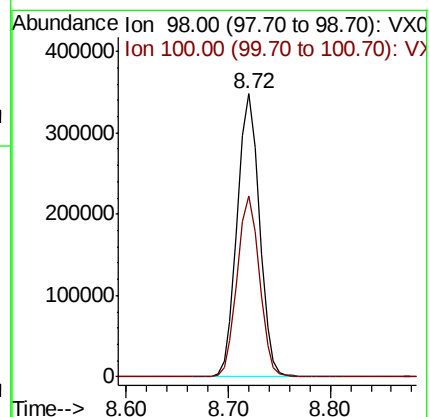
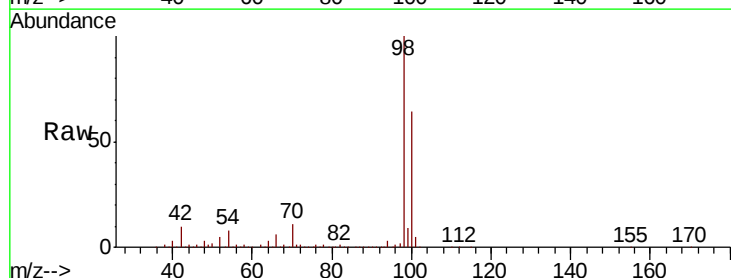
Acq: 23 Jul 2018 17:50

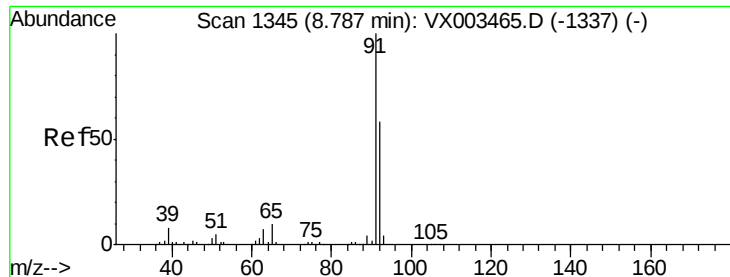
Tgt Ion: 98 Resp: 524874

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3





#52

Toluene

Concen: 0.515 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

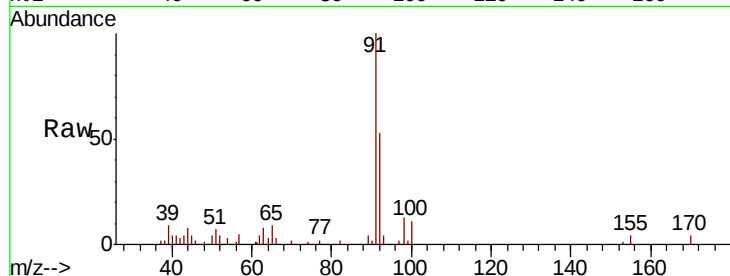
YT-MW-3

Tgt Ion: 92 Resp: 3866

Ion Ratio Lower Upper

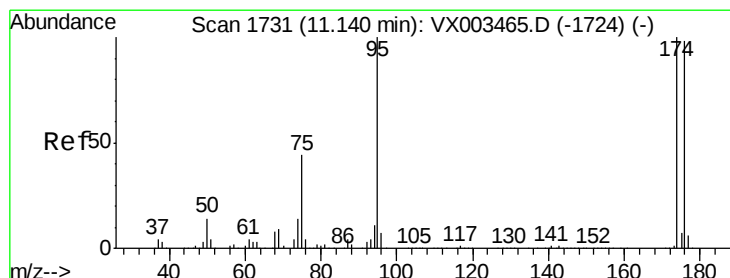
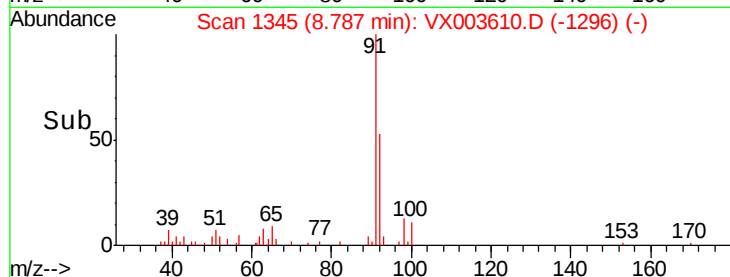
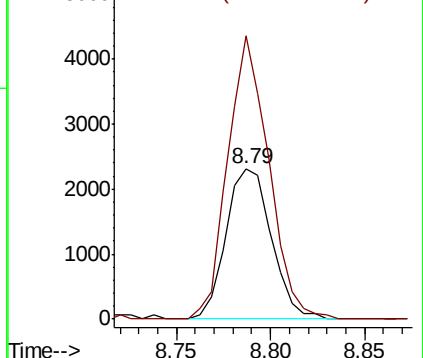
92 100

91 170.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.164 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

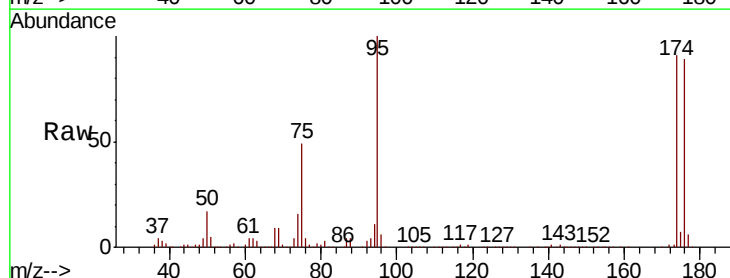
Tgt Ion: 95 Resp: 180101

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

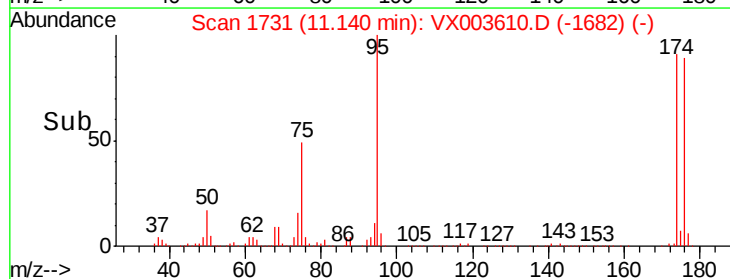
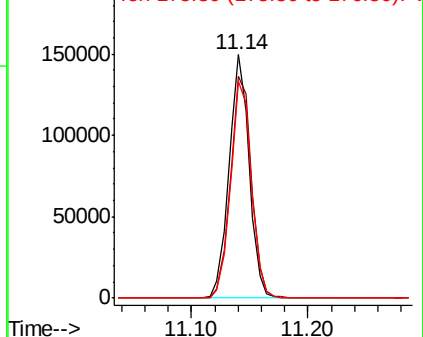
176 92.3 0.0 181.0

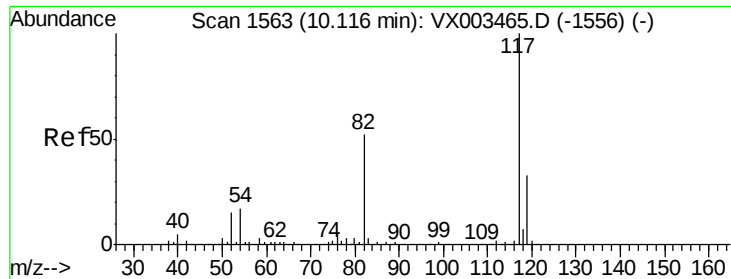


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

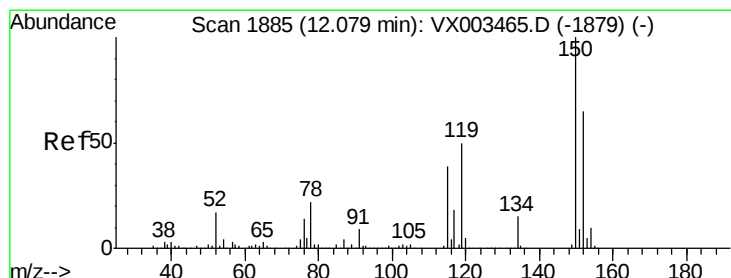
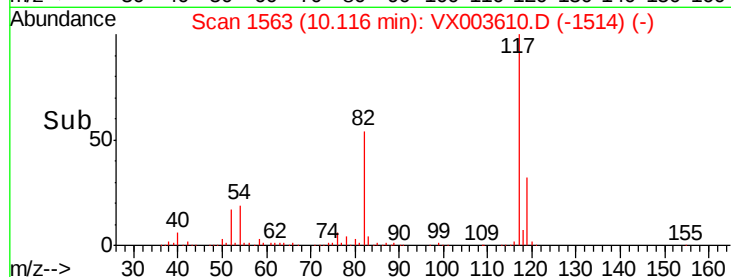
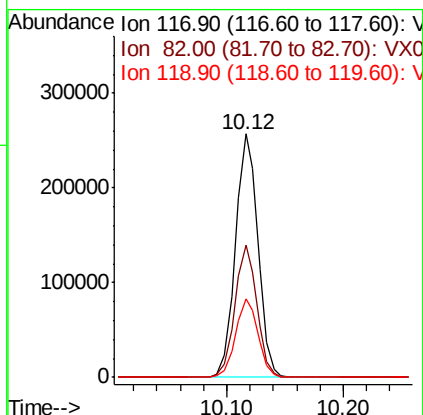
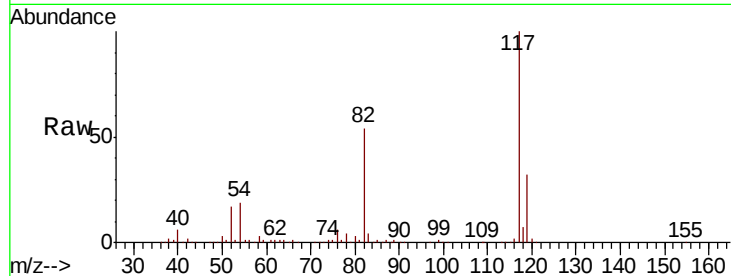




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003610.D
Acq: 23 Jul 2018 17:50

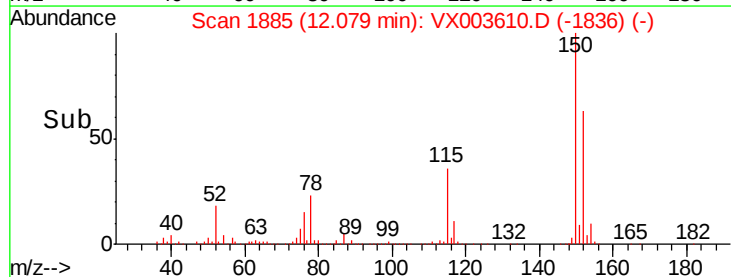
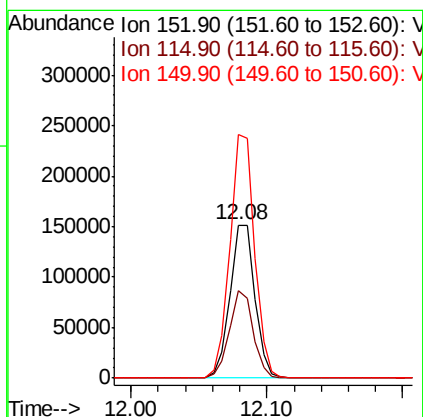
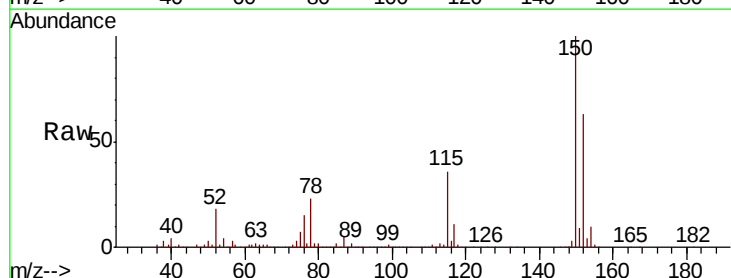
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-3

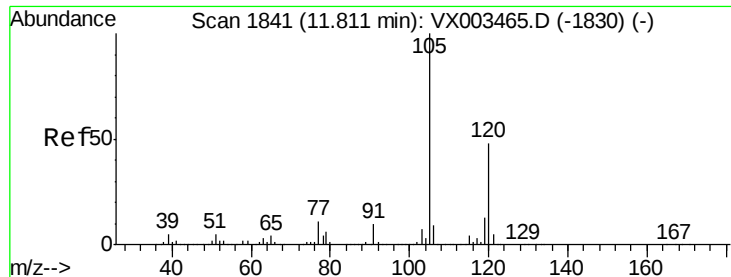
Tgt Ion:117 Resp: 345806
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003610.D
Acq: 23 Jul 2018 17:50

Tgt Ion:152 Resp: 193292
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 157.6 0.0 347.2





#84

1,2,4-Trimethylbenzene

Concen: 0.241 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

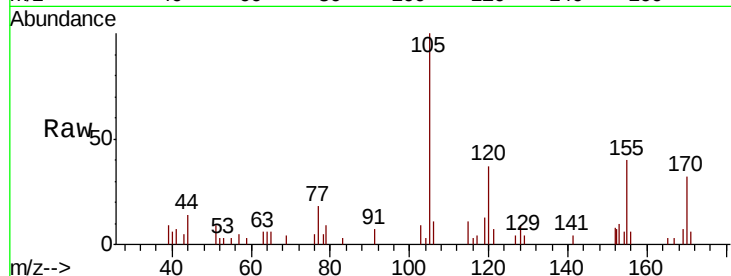
YT-MW-3

Tgt Ion:105 Resp: 2689

Ion Ratio Lower Upper

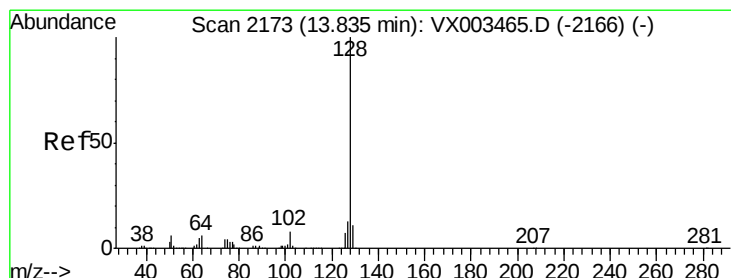
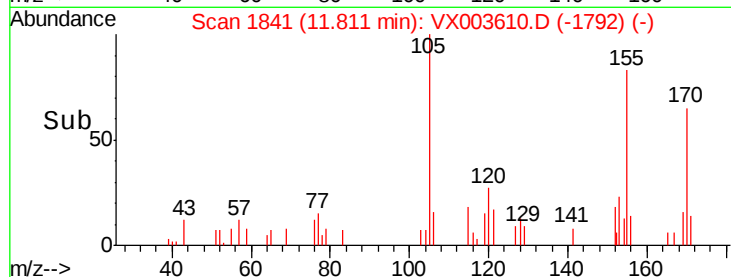
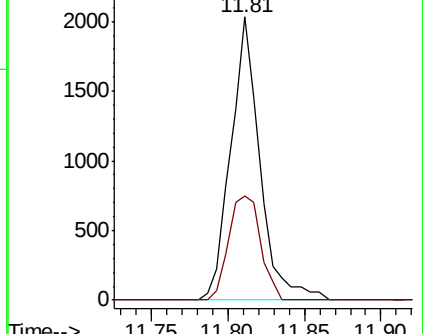
105 100

120 40.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.284 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003610.D

Acq: 23 Jul 2018 17:50

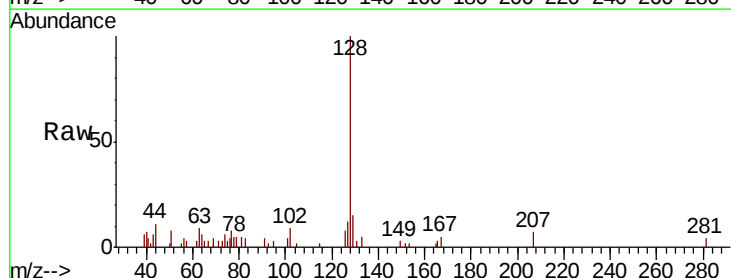
Tgt Ion:128 Resp: 3806

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 17.1 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

