

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003160.D
 Acq On : 03 Jul 2018 20:20
 Operator : JC/MD
 Sample : J3814-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 8782-AA

Quant Time: Jul 04 05:07:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

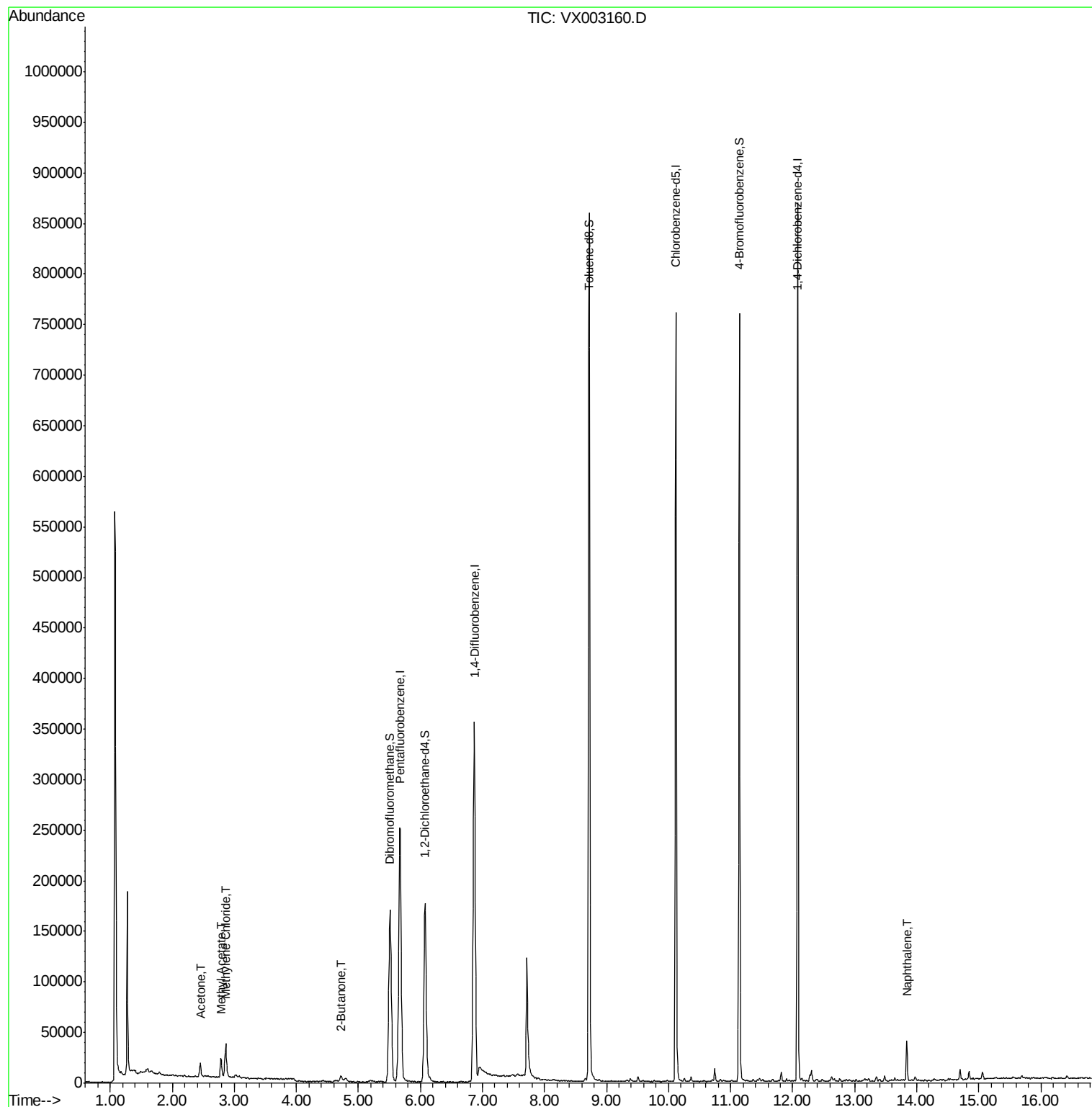
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169764	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	5.51	113	141281	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.72	98	513026	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	179293	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
Target Compounds						
16) Acetone	2.45	43	14712	9.779	ug/l	100
18) Methyl Acetate	2.78	43	23510	5.590	ug/l	95
20) Methylene Chloride	2.86	84	15753	5.381	ug/l	93
25) 2-Butanone	4.71	43	9600	4.300	ug/l	93
95) Naphthalene	13.84	128	25464	1.925	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

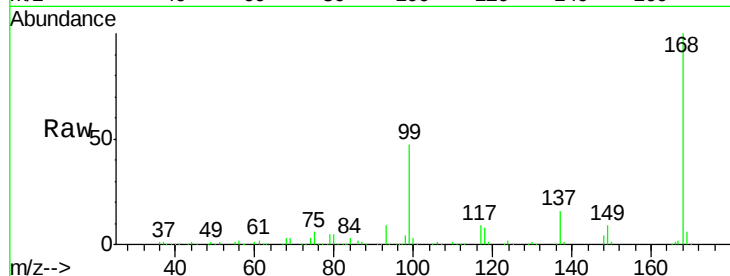
8782-AA

Tot Ion:168 Resp: 262814

Ion Ratio Lower Upper

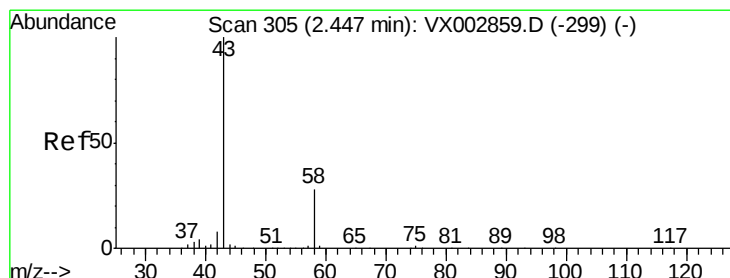
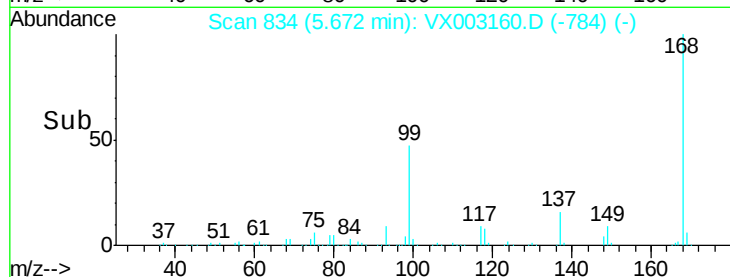
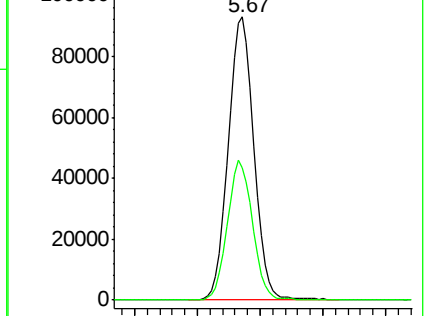
168 100

99 46.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.779 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003160.D

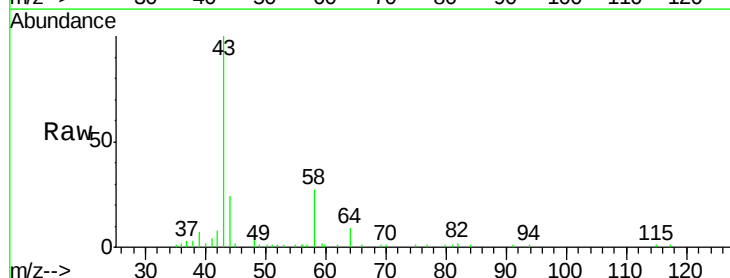
Acq: 03 Jul 2018 20:20

Tgt Ion: 43 Resp: 14712

Ion Ratio Lower Upper

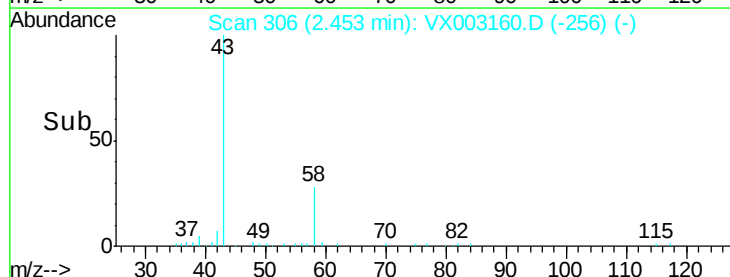
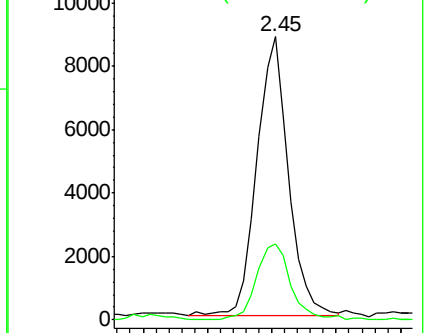
43 100

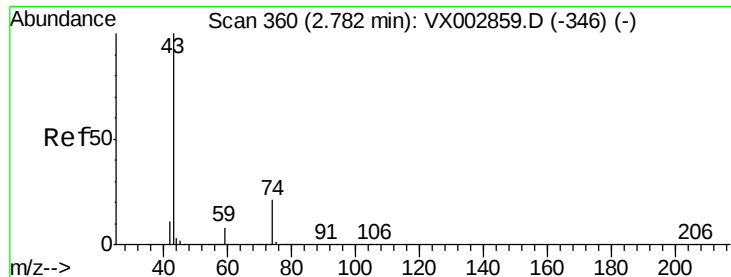
58 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

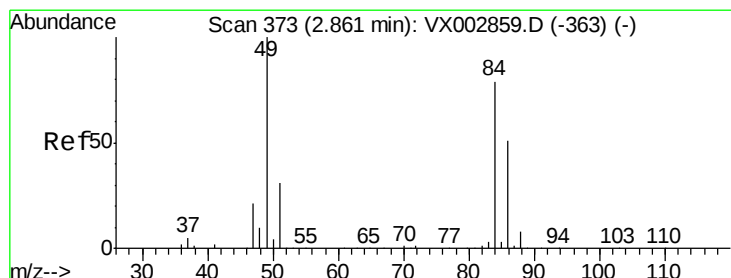
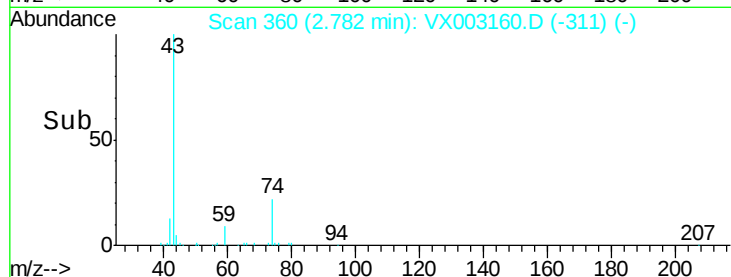
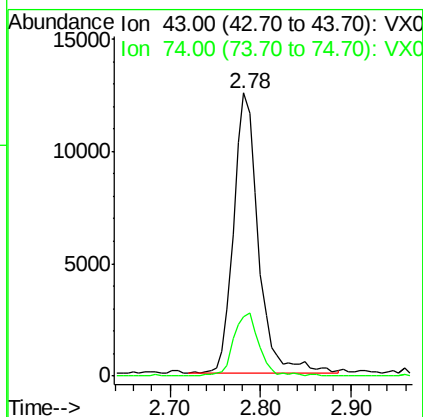
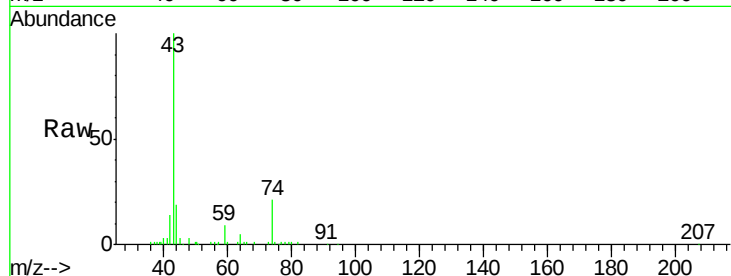




#18
Methvl Acetate
Concen: 5.590 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

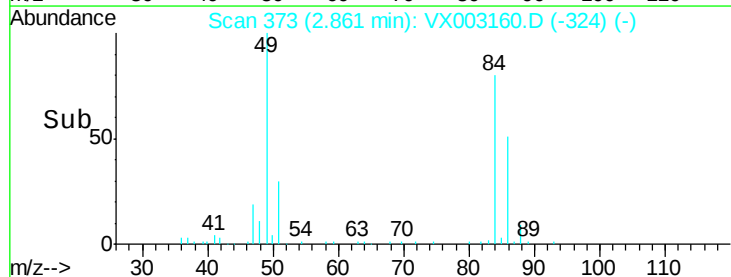
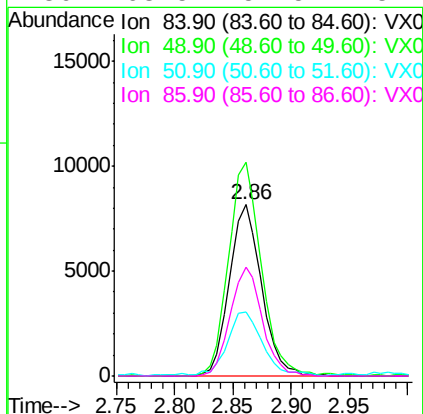
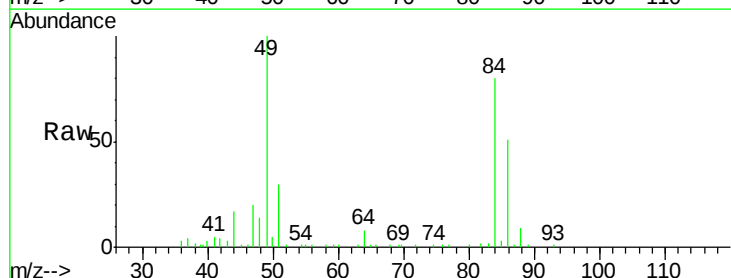
Instrument :
MSVOA_X
ClientSampled :
8782-AA

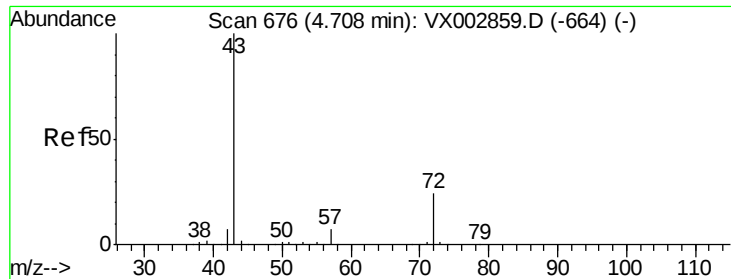
Tot Ion: 43 Resp: 23510
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1



#20
Methylene Chloride
Concen: 5.381 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 84 Resp: 15753
Ion Ratio Lower Upper
84 100
49 124.7 107.8 161.6
51 36.9 32.8 49.2
86 63.5 52.5 78.7





#25

2-Butanone

Concen: 4.300 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003160.D

Acq: 03 Jul 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

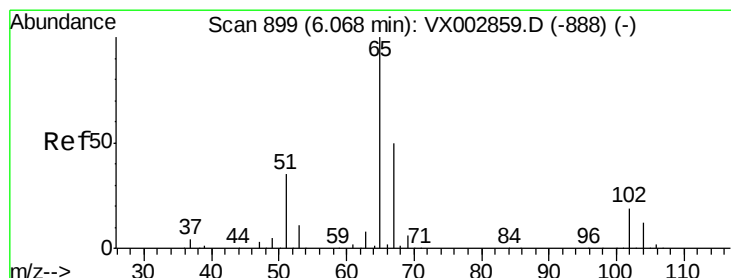
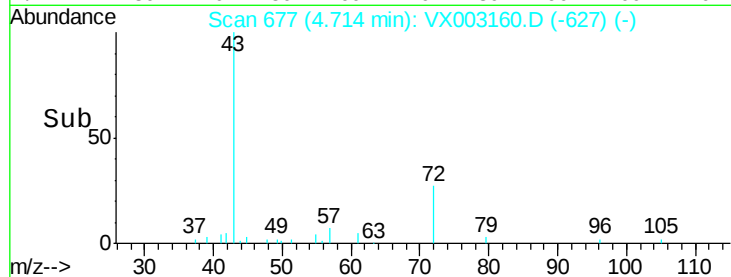
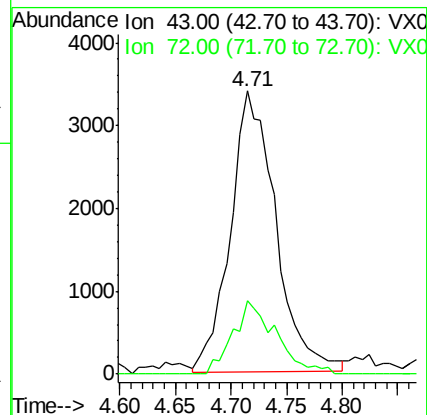
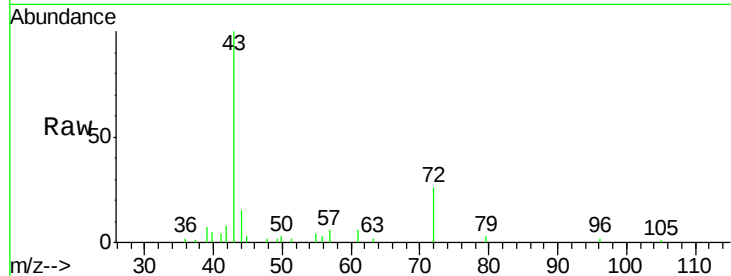
8782-AA

Tot Ion: 43 Resp: 9600

Ion Ratio Lower Upper

43 100

72 26.4 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 46.733 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003160.D

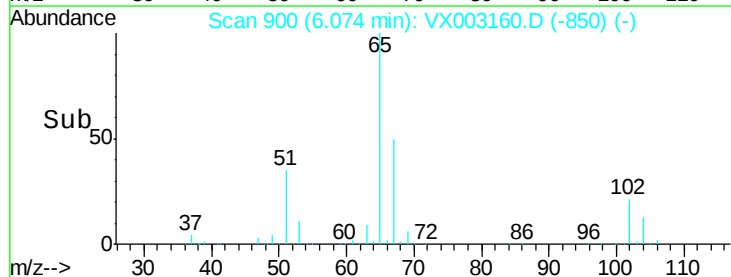
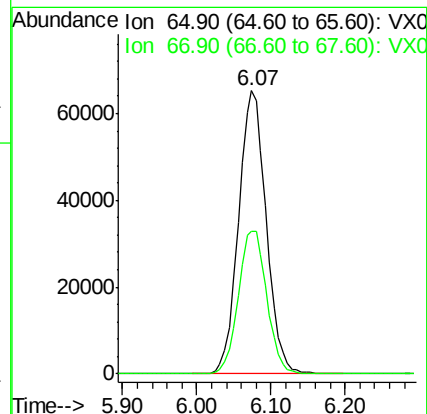
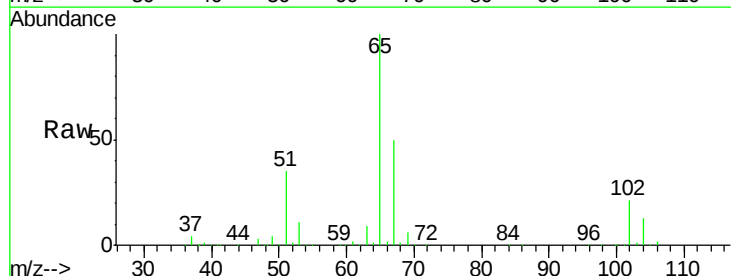
Acq: 03 Jul 2018 20:20

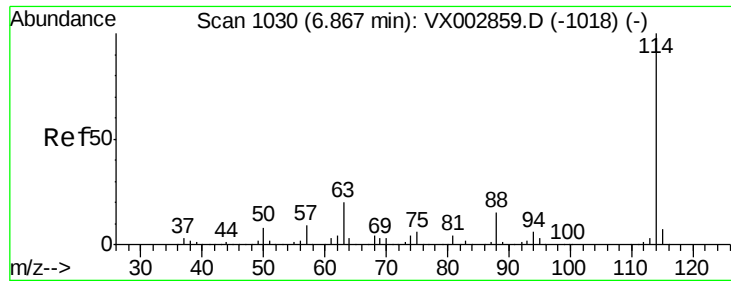
Tgt Ion: 65 Resp: 169764

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6

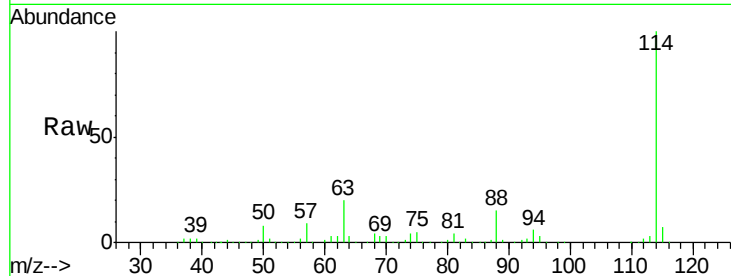




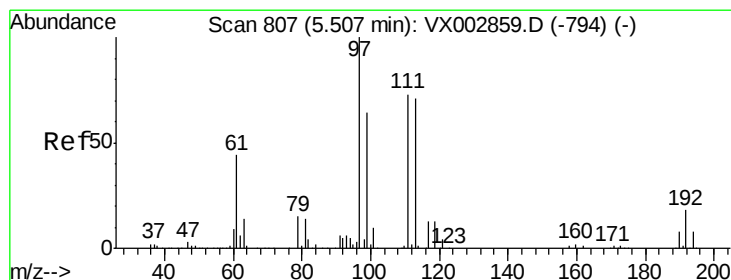
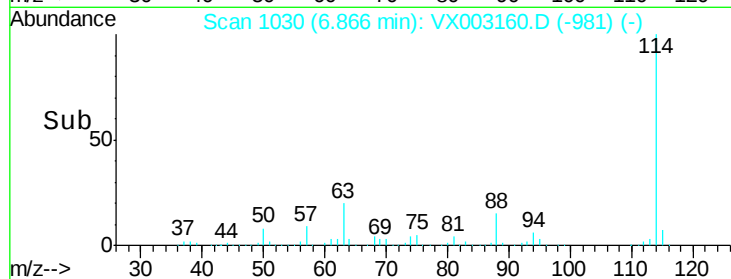
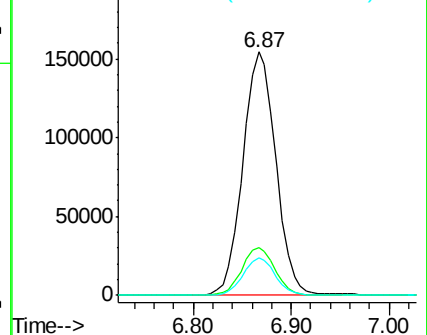
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003160.D
 Acq: 03 Jul 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 8782-AA

Tot Ion:114 Resp: 361003
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.3 0.0 30.0

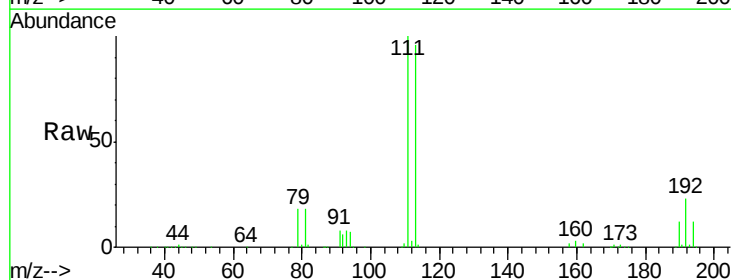


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

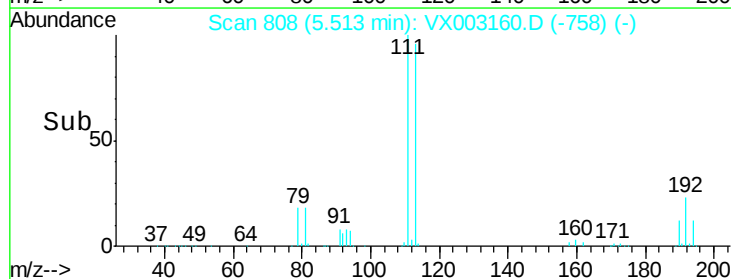
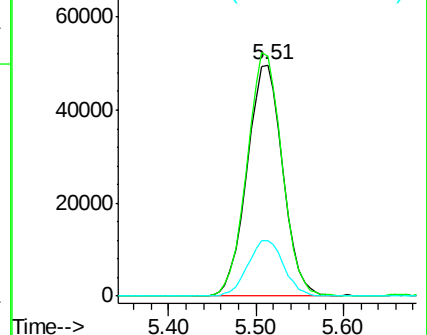


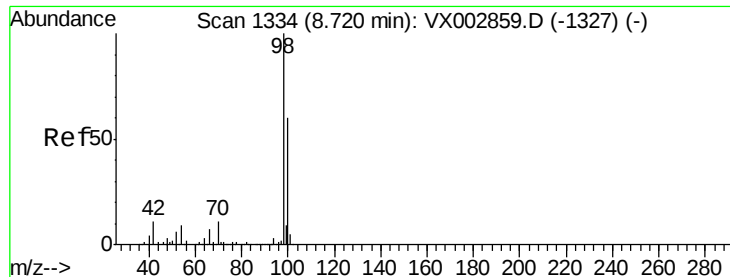
#35
 Dibromofluoromethane
 Concen: 49.419 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003160.D
 Acq: 03 Jul 2018 20:20

Tgt Ion:113 Resp: 141281
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 24.6 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





#50

Toluene-d8

Concen: 49.142 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003160.D

Acq: 03 Jul 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

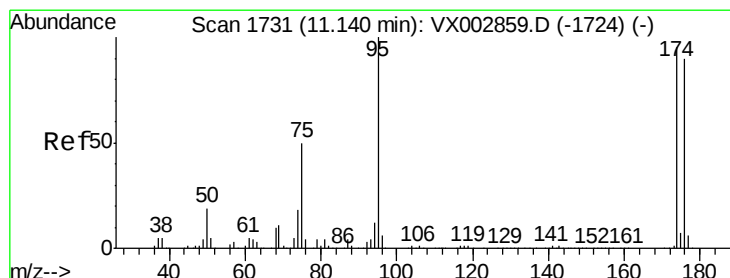
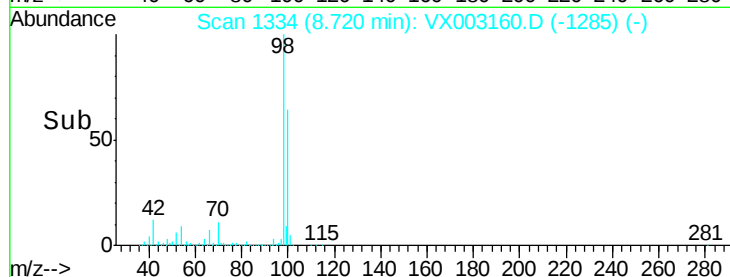
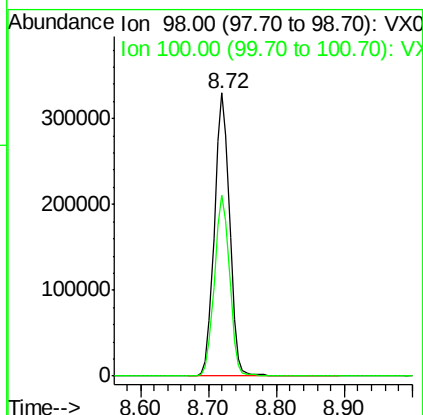
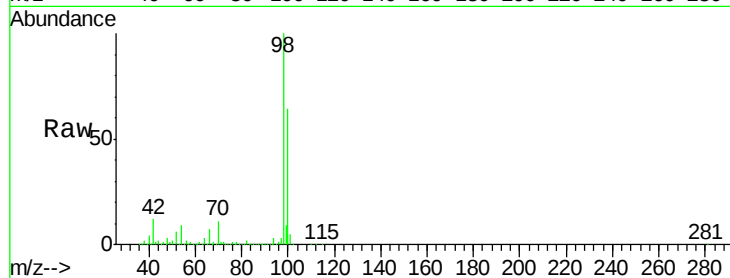
8782-AA

Tot Ion: 98 Resp: 513026

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.532 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003160.D

Acq: 03 Jul 2018 20:20

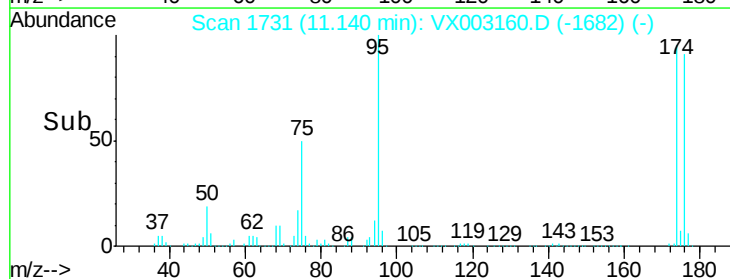
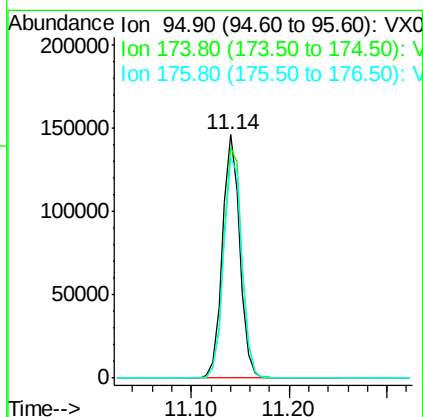
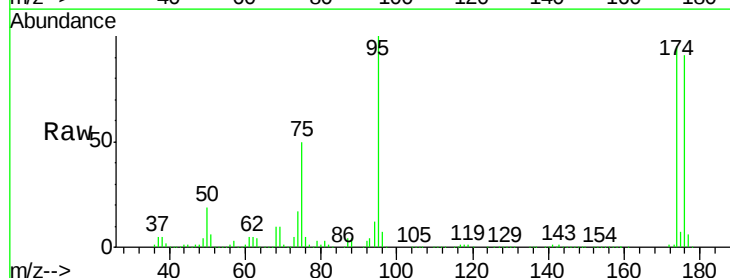
Tgt Ion: 95 Resp: 179293

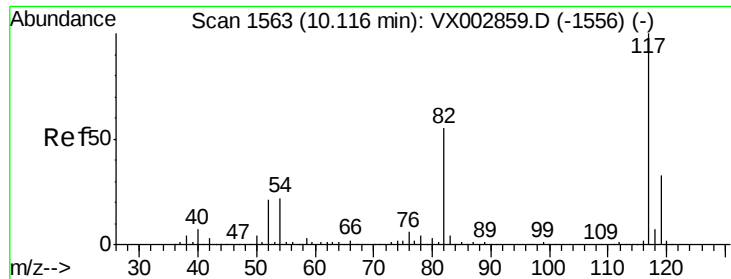
Ion Ratio Lower Upper

95 100

174 99.7 0.0 187.4

176 95.4 0.0 181.0

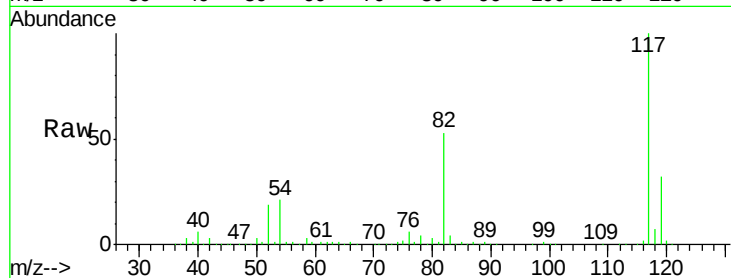




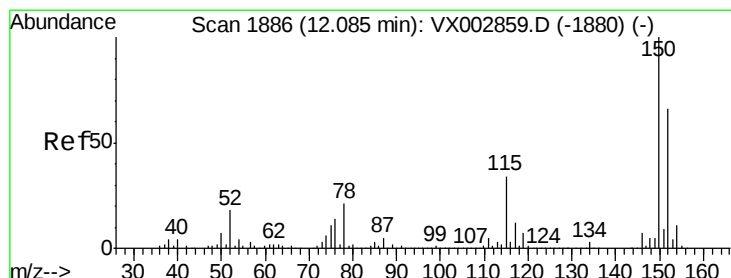
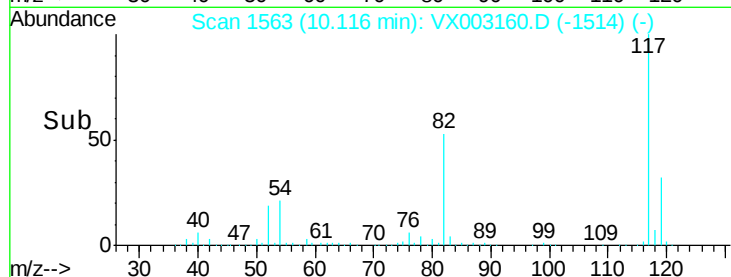
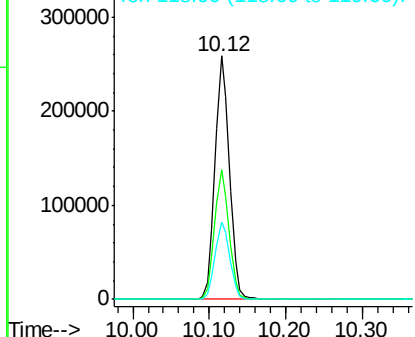
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
8782-AA

Tot Ion:117 Resp: 338905
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 31.6 25.8 38.6

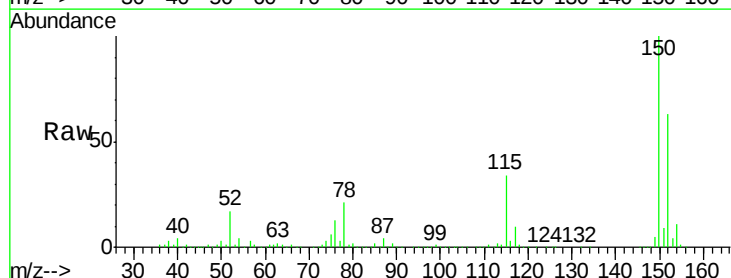


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

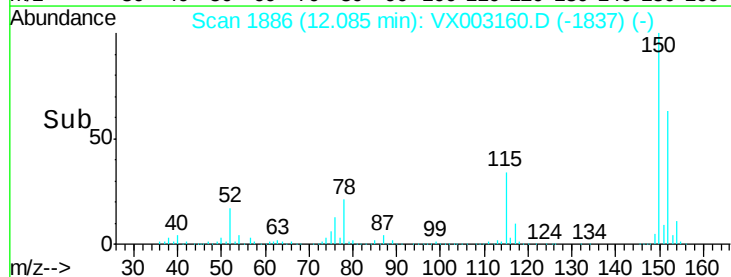
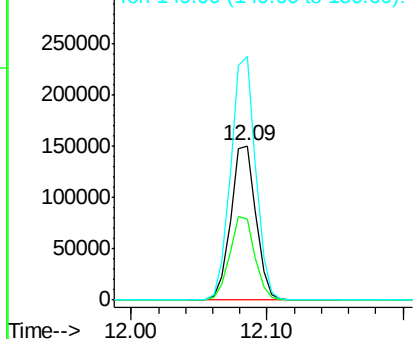


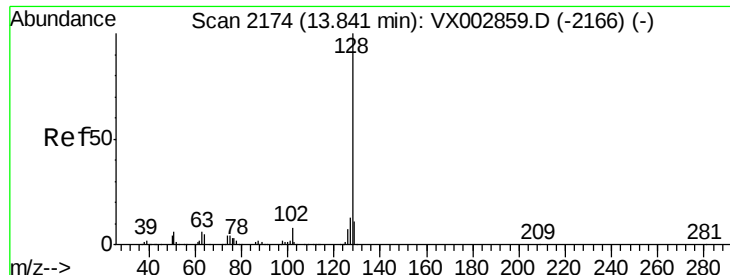
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion:152 Resp: 193197
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 156.7 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





#95

Naphthalene

Concen: 1.925 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003160.D

Acq: 03 Jul 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

8782-AA

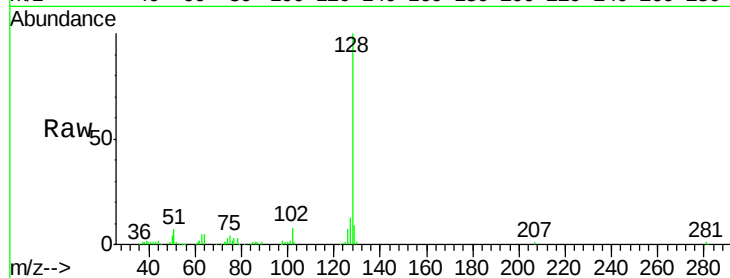
Tot Ion:128 Resp: 25464

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 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

