

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003453.D
 Acq On : 18 Jul 2018 17:48
 Operator : JC/MD
 Sample : J4013-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-I-S

Quant Time: Jul 19 02:36:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224830	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	177925	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
35) Dibromofluoromethane	5.51	113	162487	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	8.72	98	612119	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.14	95	209828	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

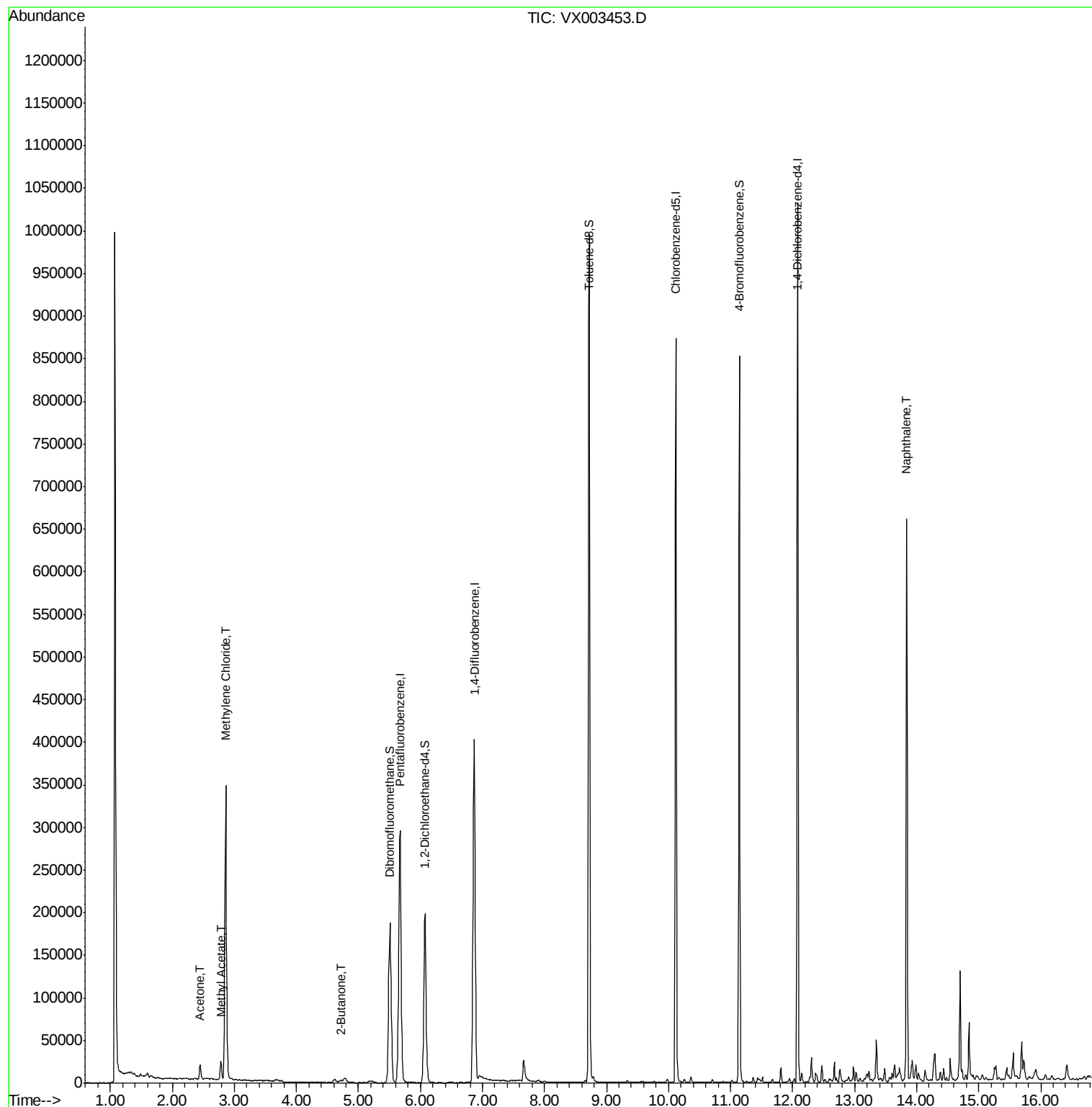
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	17688	10.57	ug/l	90
18) Methyl Acetate	2.78	43	24950	4.58	ug/l	93
20) Methylene Chloride	2.86	84	170909	56.85	ug/l	90
25) 2-Butanone	4.71	43	5561	2.12	ug/l #	81
95) Naphthalene	13.84	128	426091	28.90	ug/l	99

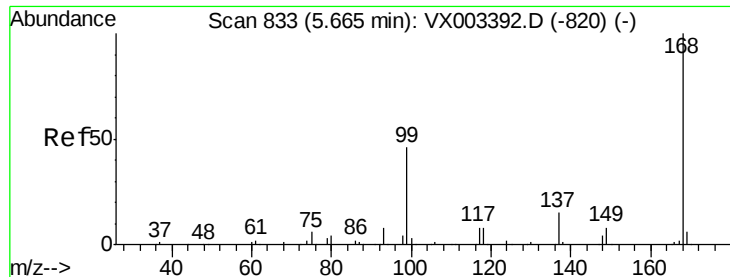
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 02:36:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003453.D

Acq: 18 Jul 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

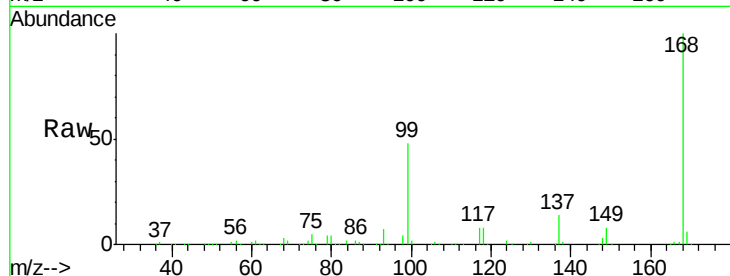
TP-I-S

Tot Ion:168 Resp: 307103

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

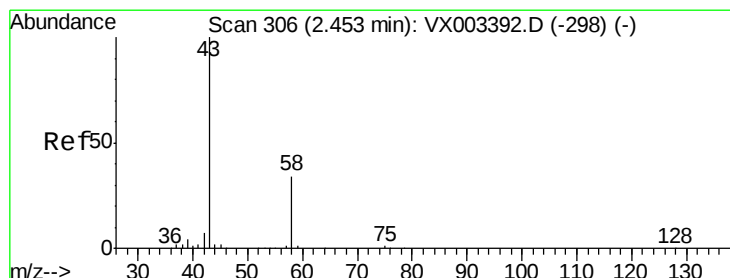
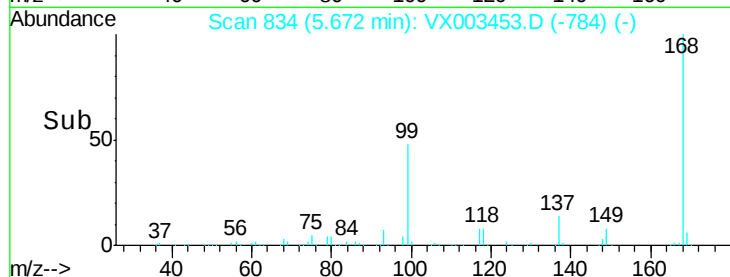
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 10.57 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003453.D

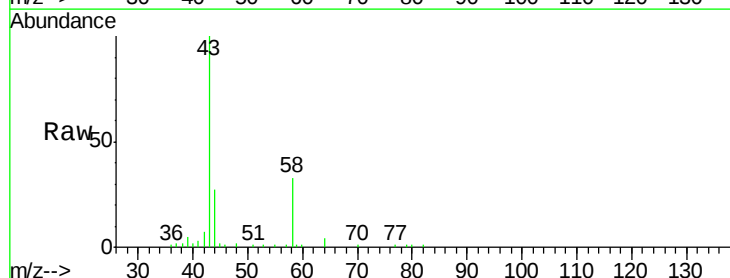
Acq: 18 Jul 2018 17:48

Tgt Ion: 43 Resp: 17688

Ion Ratio Lower Upper

43 100

58 33.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

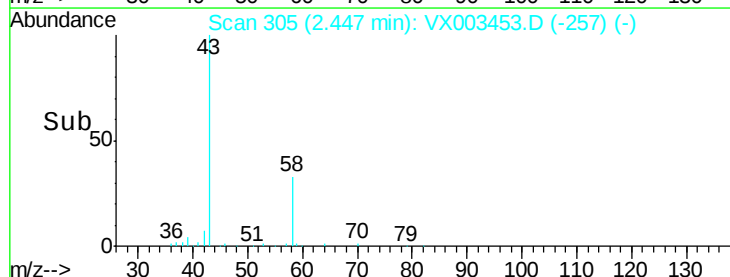
6000

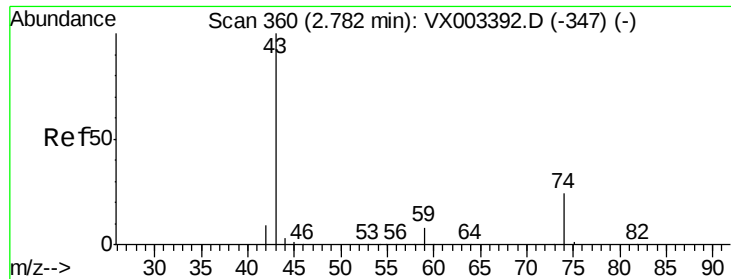
4000

2000

0

Time-->

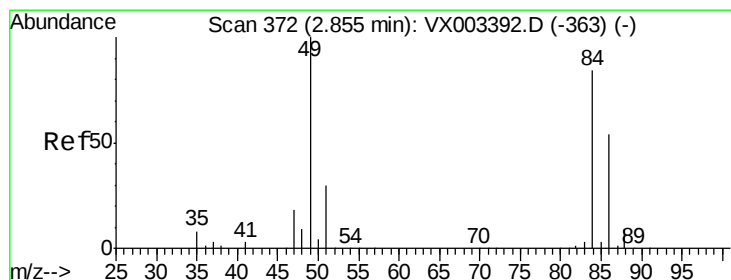
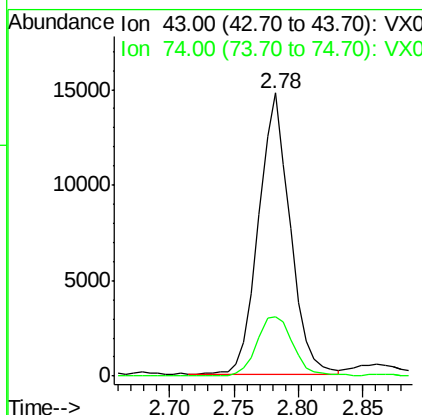
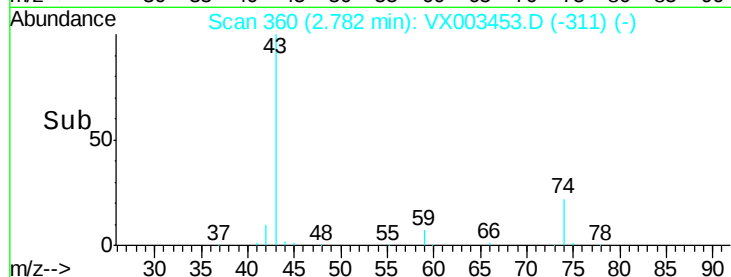
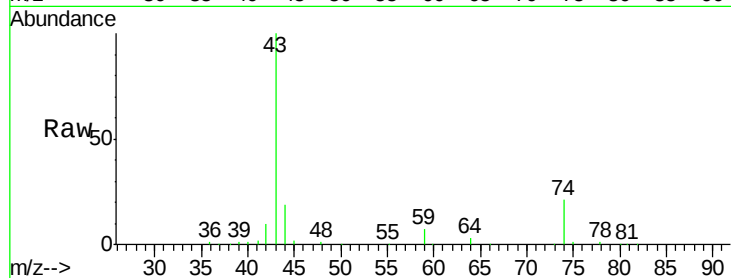




#18
Methyl Acetate
Concen: 4.58 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

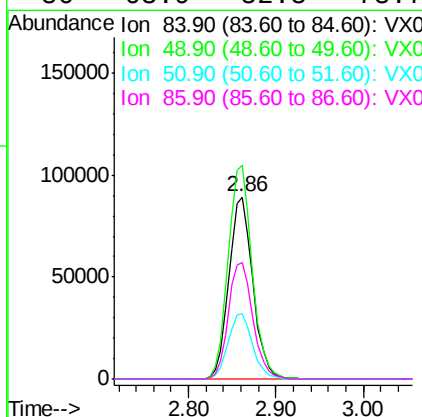
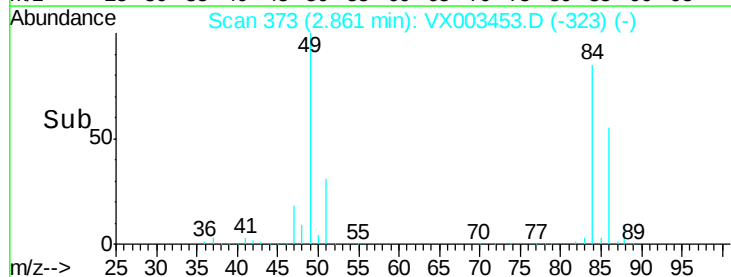
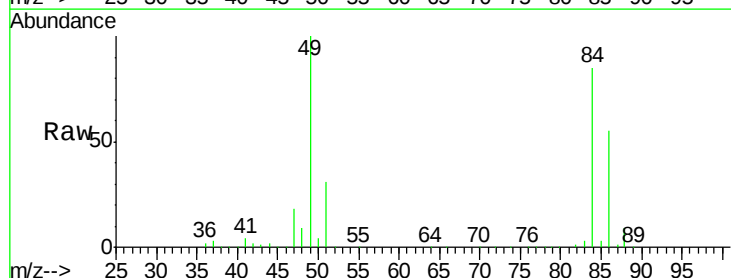
Instrument :
MSVOA_X
ClientSampleId :
TP-I-S

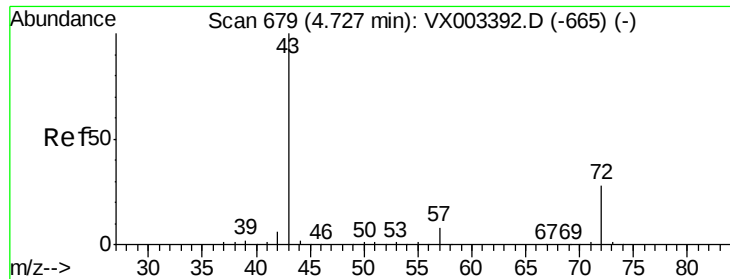
Tot Ion: 43 Resp: 24950
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1



#20
Methylene Chloride
Concen: 56.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 84 Resp: 170909
Ion Ratio Lower Upper
84 100
49 117.3 107.8 161.6
51 36.1 32.8 49.2
86 63.9 52.5 78.7





#25

2-Butanone

Concen: 2.12 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003453.D

Acq: 18 Jul 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

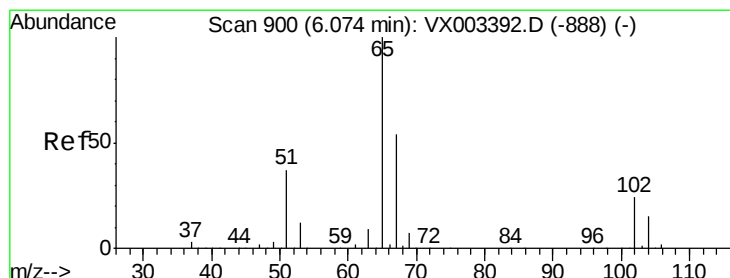
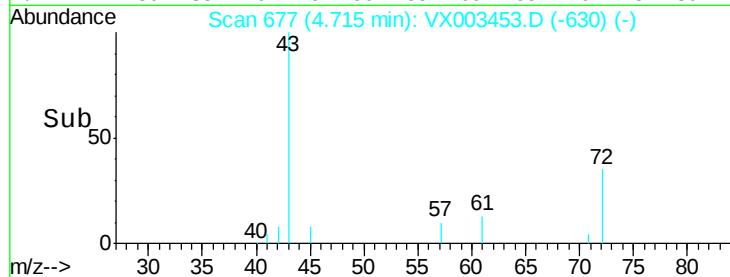
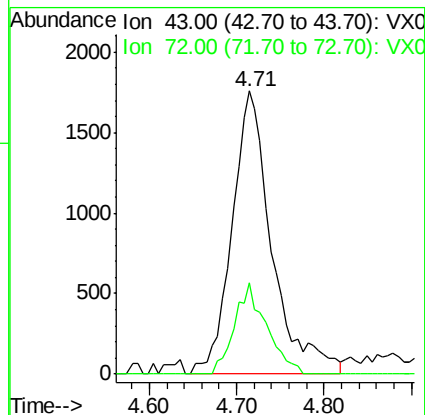
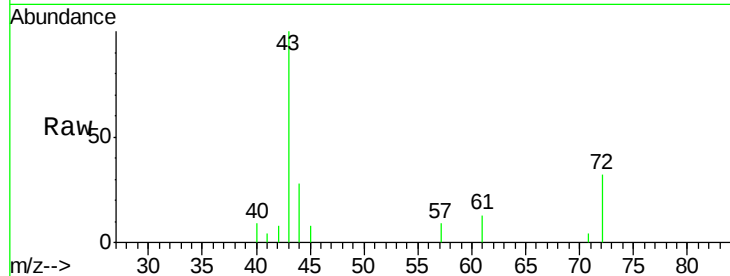
TP-I-S

Tot Ion: 43 Resp: 5561

Ion Ratio Lower Upper

43 100

72 32.2 18.5 27.7#



#33

1,2-Dichloroethane-d4

Concen: 44.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003453.D

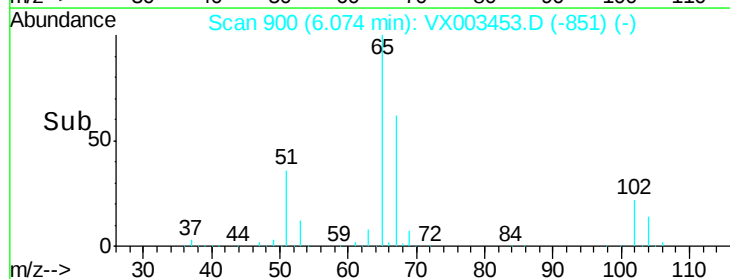
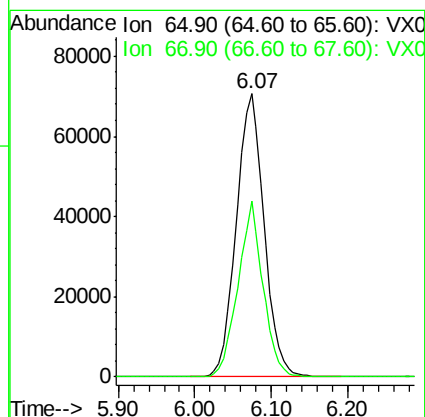
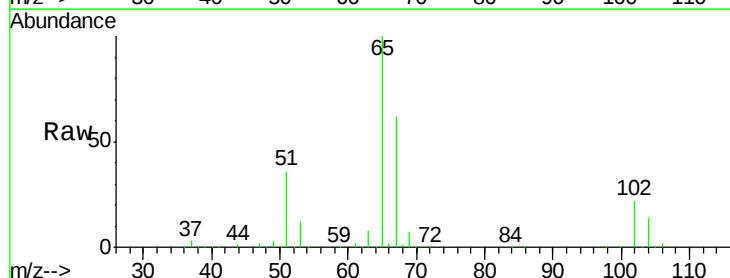
Acq: 18 Jul 2018 17:48

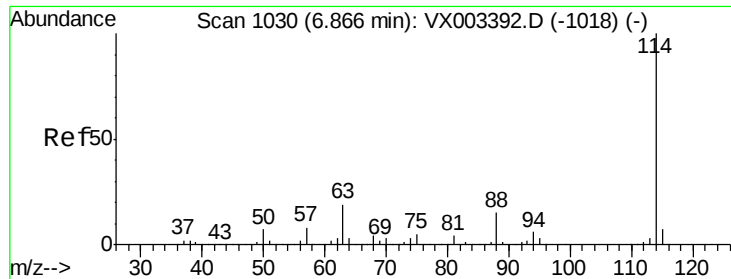
Tgt Ion: 65 Resp: 177925

Ion Ratio Lower Upper

65 100

67 55.9 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: VX003453.D

Acq: 18 Jul 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

TP-I-S

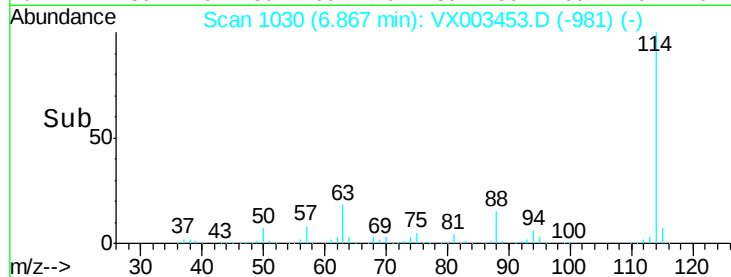
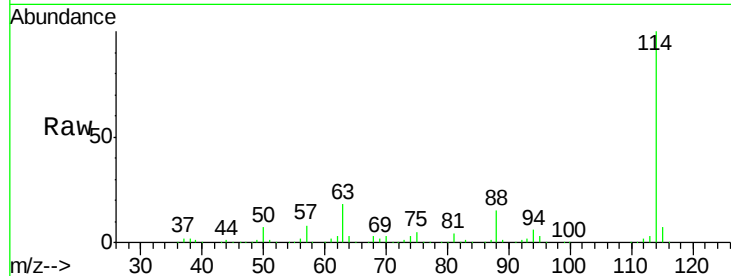
Tot Ion:114 Resp: 431174

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.4

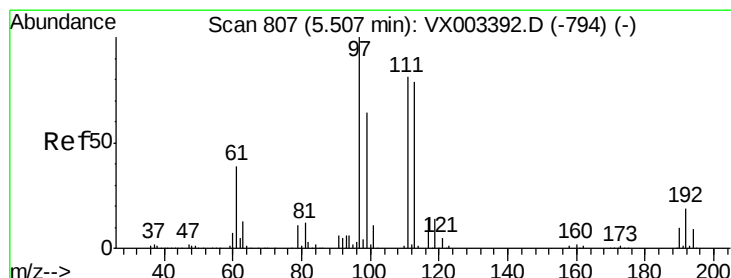
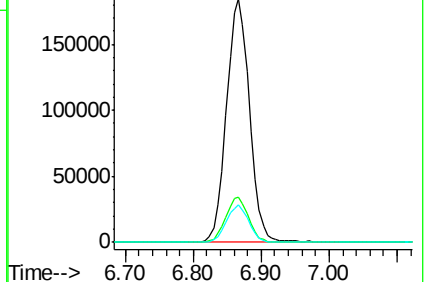
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.58 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003453.D

Acq: 18 Jul 2018 17:48

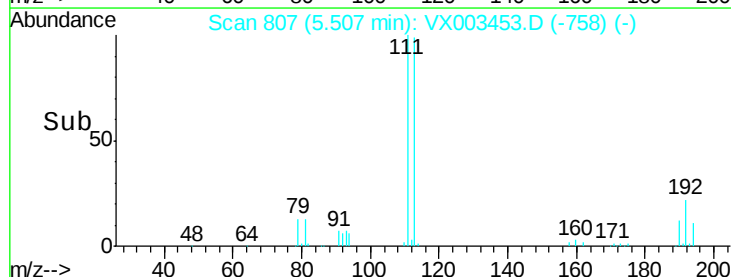
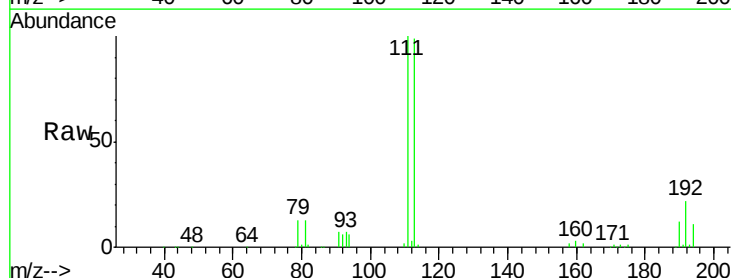
Tgt Ion:113 Resp: 162487

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

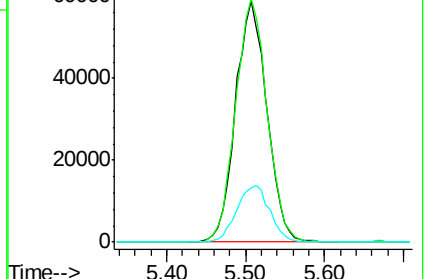
192 24.7 19.1 28.7

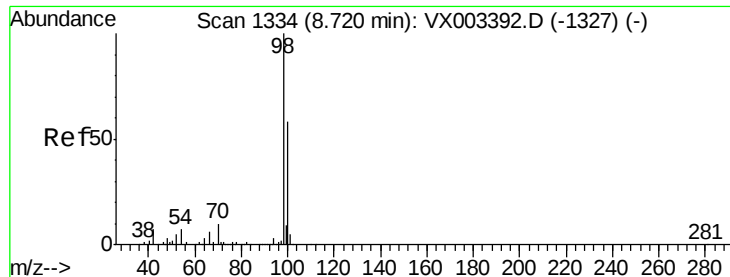


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

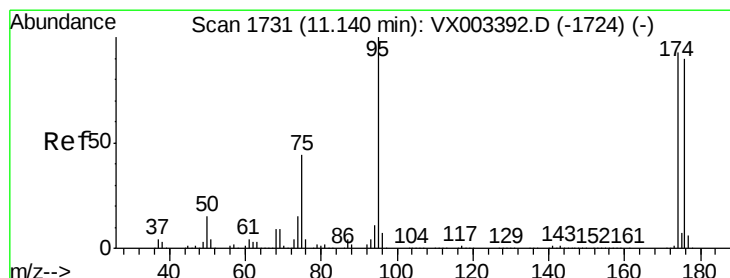
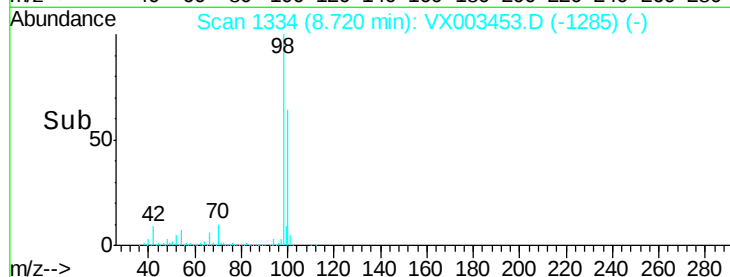
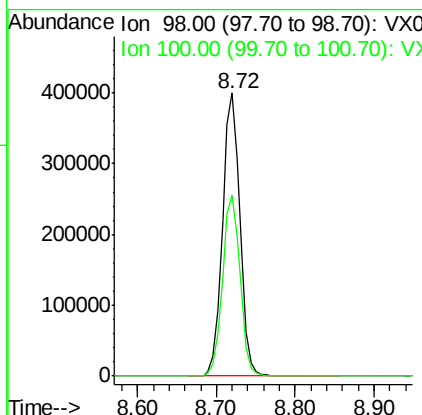
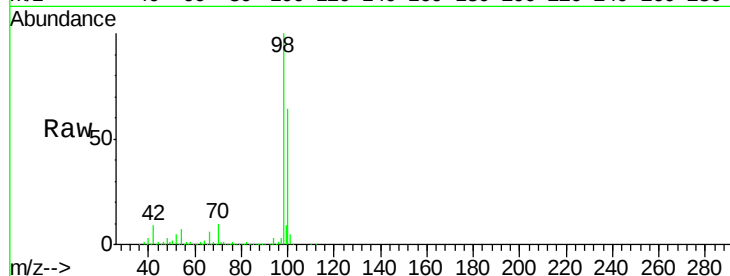




#50
Toluene-d8
Concen: 47.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

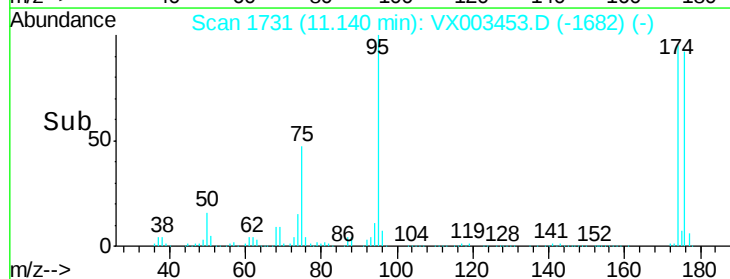
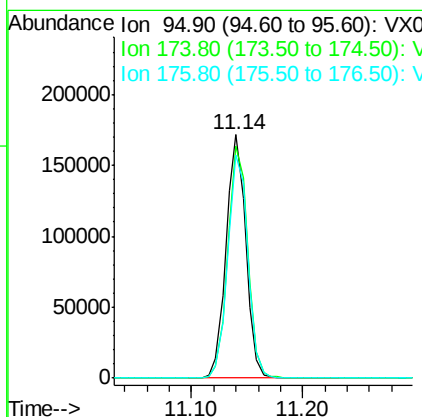
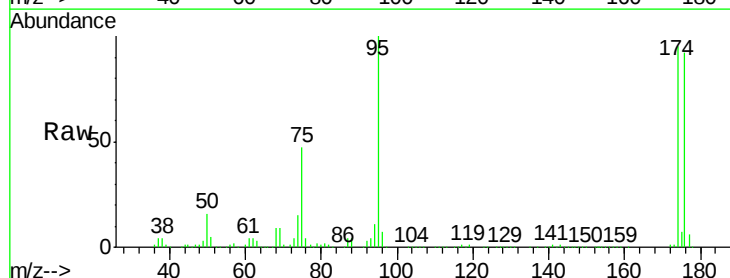
Instrument :
MSVOA_X
ClientSampleId :
TP-I-S

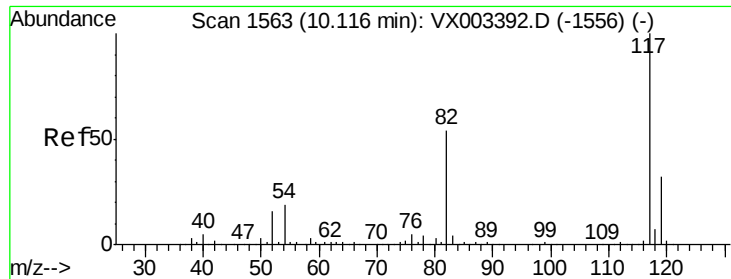
Tot Ion: 98 Resp: 612119
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 95 Resp: 209828
Ion Ratio Lower Upper
95 100
174 97.0 0.0 187.4
176 93.5 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003453.D

Acq: 18 Jul 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

TP-I-S

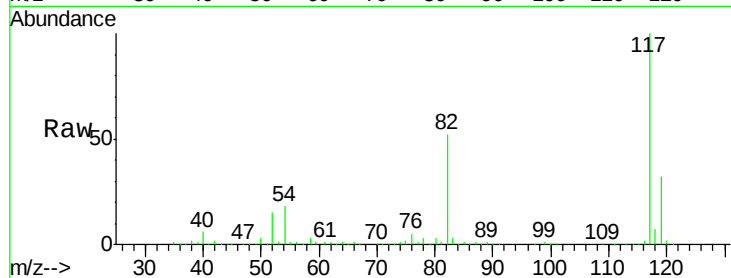
Tot Ion:117 Resp: 406270

Ion Ratio Lower Upper

117 100

82 52.4 45.0 67.4

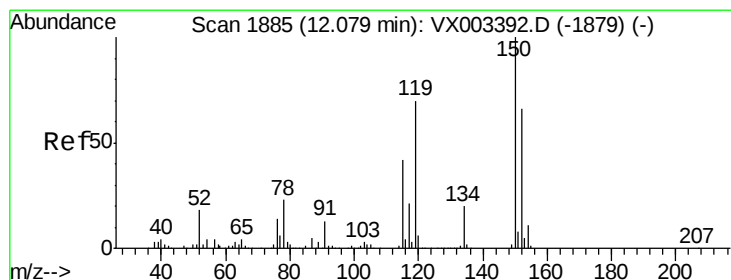
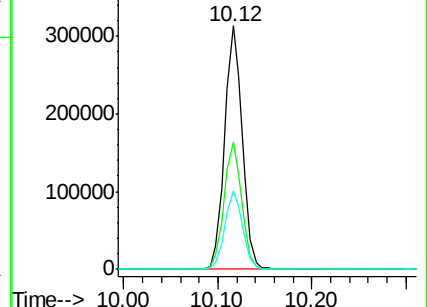
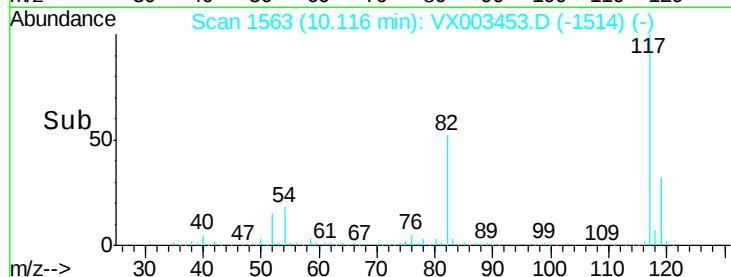
119 32.1 25.8 38.6



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003453.D

Acq: 18 Jul 2018 17:48

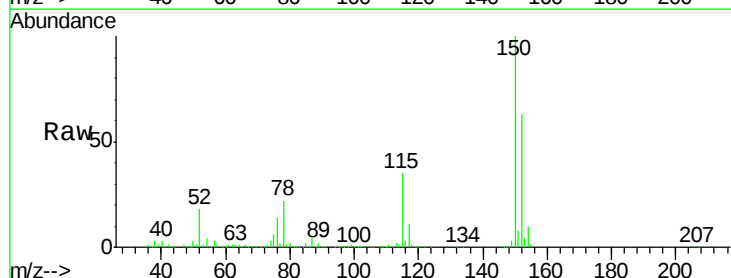
Tgt Ion:152 Resp: 224830

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

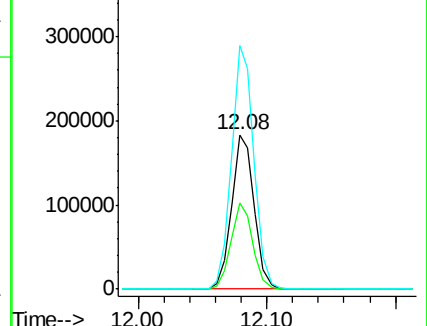
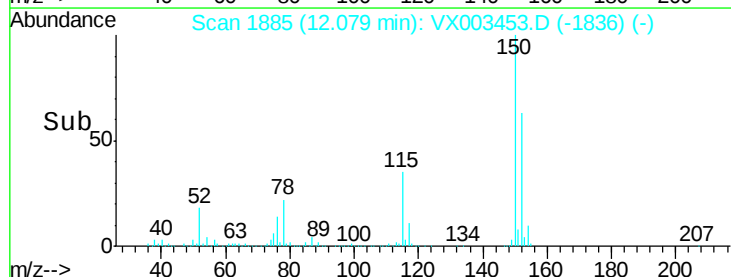
150 157.2 0.0 347.2

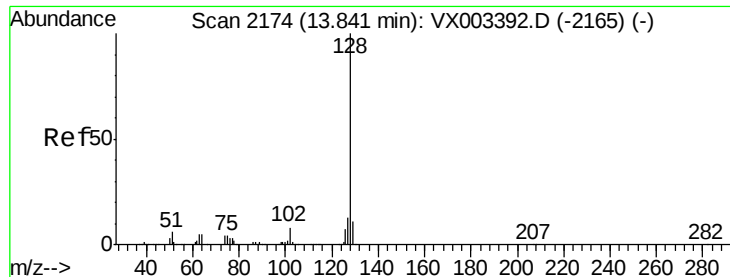


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

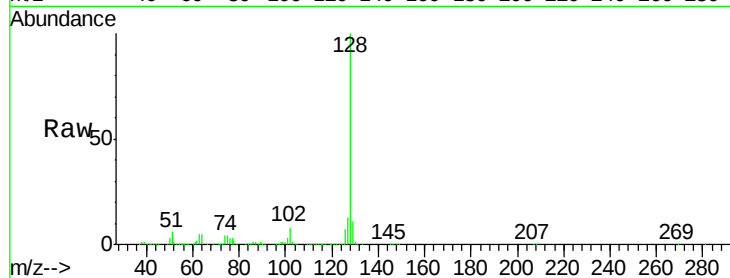




#95
Naphthalene
Concen: 28.90 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
TP-I-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	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

