

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003450.D
 Acq On : 18 Jul 2018 16:28
 Operator : JC/MD
 Sample : J4012-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FS-RT-4917

Quant Time: Jul 19 02:21:33 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	266333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217219	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	182411	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
35) Dibromofluoromethane	5.51	113	152460	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	8.72	98	576314	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.14	95	197653	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	

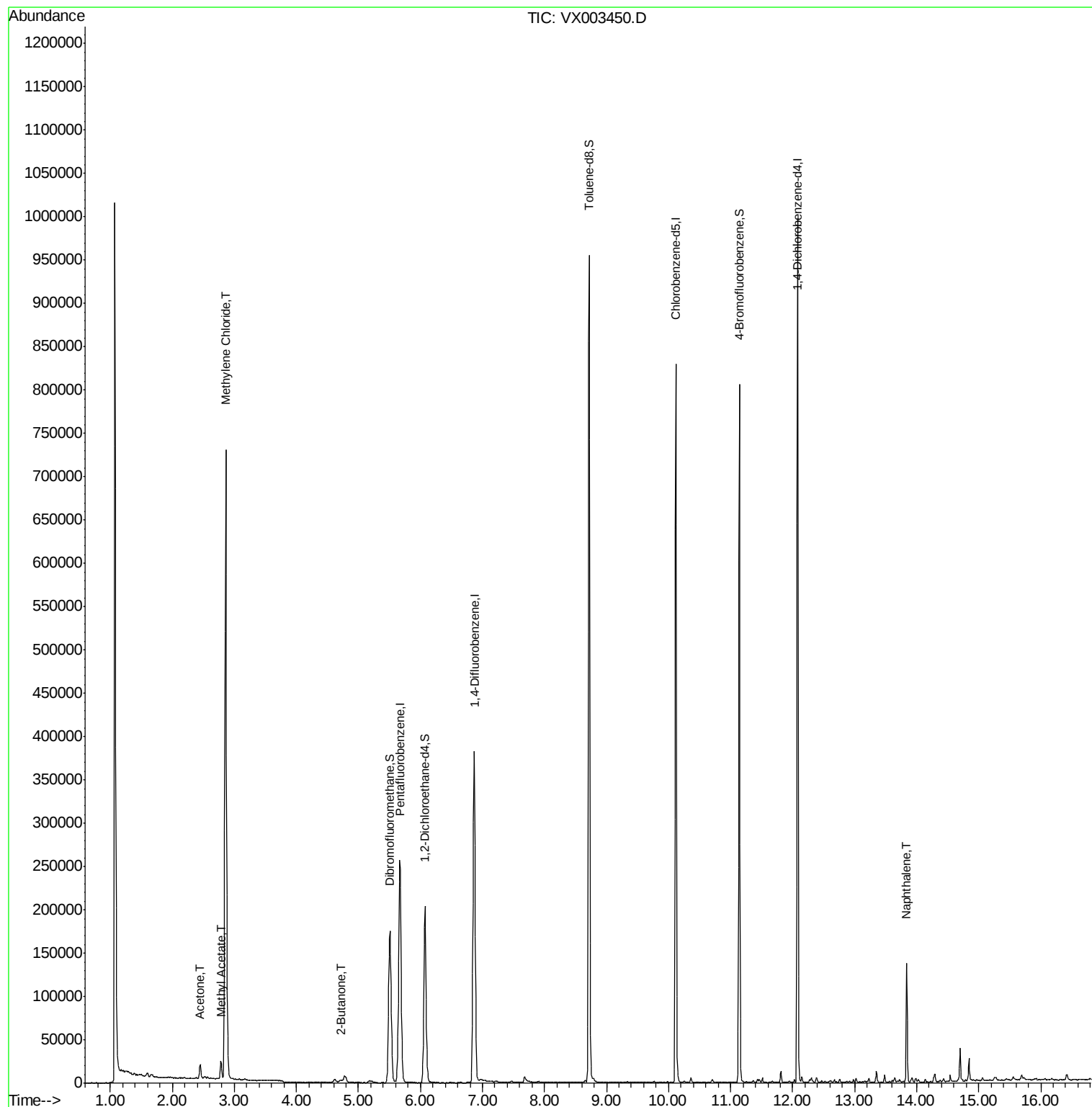
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	18004	12.41	ug/l	96
18) Methyl Acetate	2.78	43	24480	5.18	ug/l	96
20) Methylene Chloride	2.86	84	353469	120.23	ug/l	90
25) 2-Butanone	4.71	43	5491	2.42	ug/l #	80
95) Naphthalene	13.83	128	89111	6.26	ug/l	99

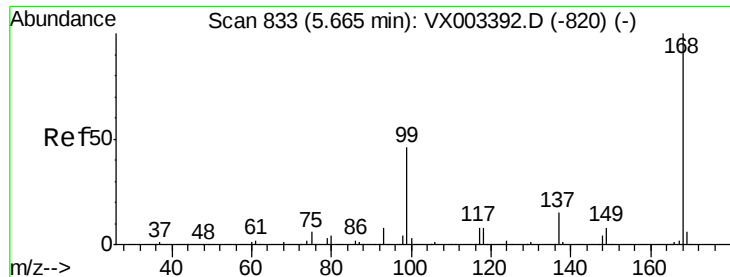
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jul 19 02:21:33 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# 833

Delta R.T. 0.00 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

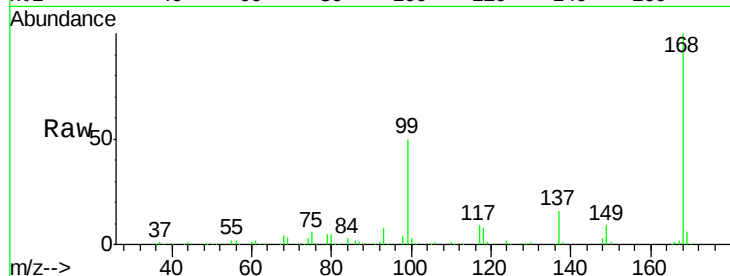
FS-RT-4917

Tot Ion:168 Resp: 266333

Ion Ratio Lower Upper

168 100

99 50.2 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

80000

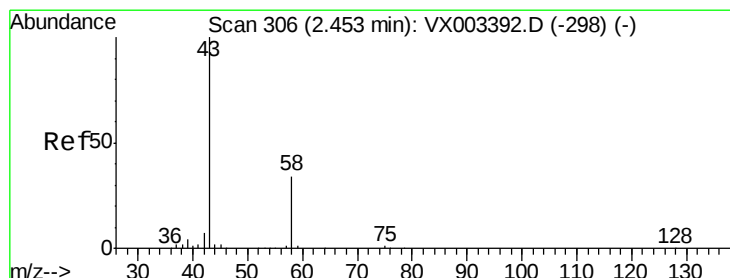
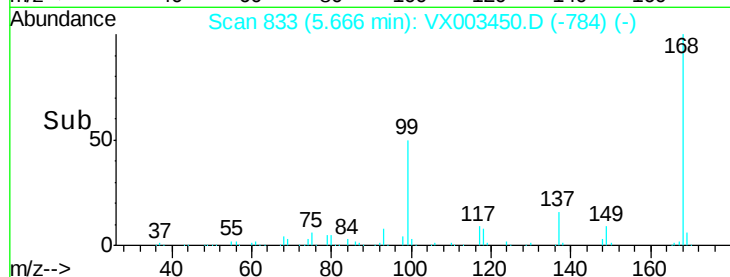
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003450.D

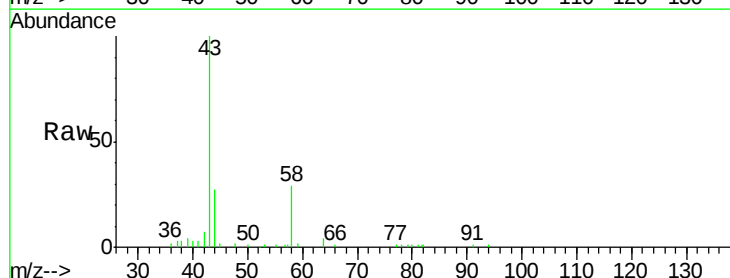
Acq: 18 Jul 2018 16:28

Tgt Ion: 43 Resp: 18004

Ion Ratio Lower Upper

43 100

58 29.7 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

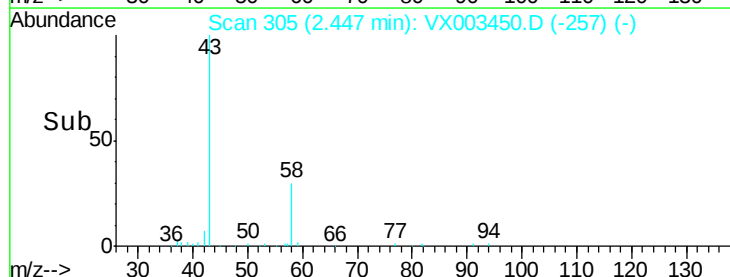
6000

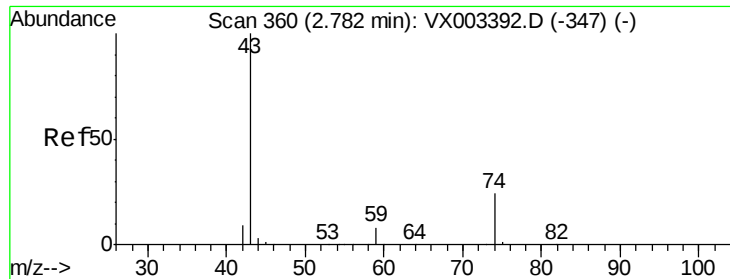
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

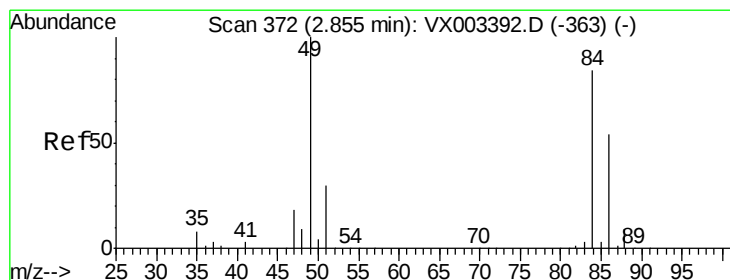
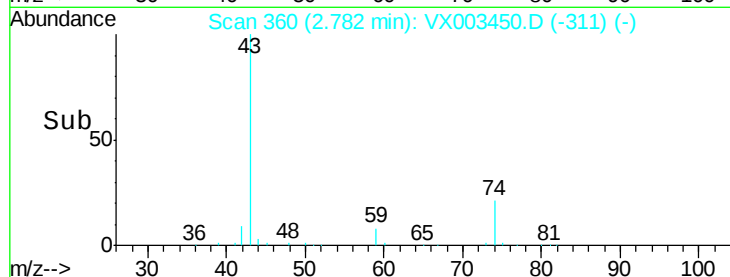
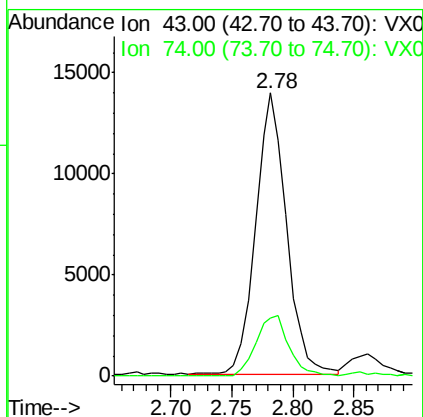
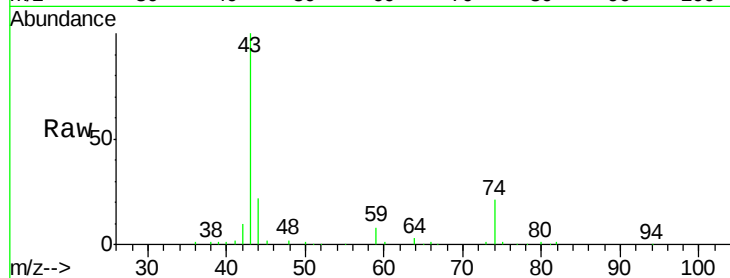




#18
Methyl Acetate
Concen: 5.18 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003450.D
Acq: 18 Jul 2018 16:28

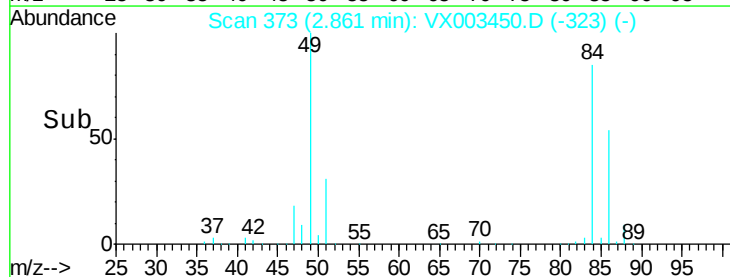
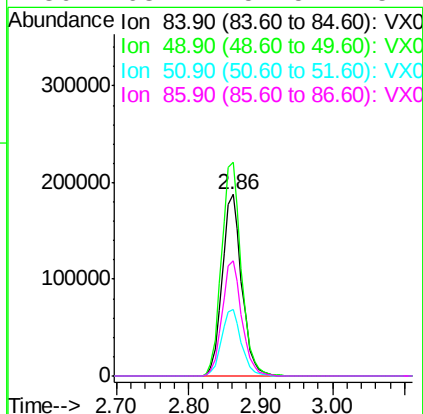
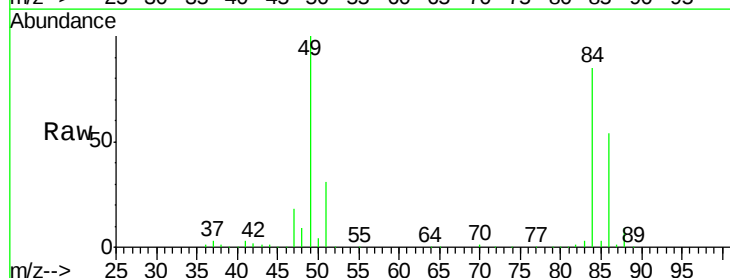
Instrument :
MSVOA_X
ClientSampled :
FS-RT-4917

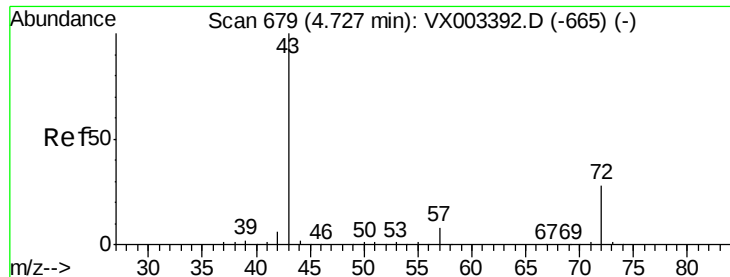
Tot Ion: 43 Resp: 24480
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1



#20
Methylene Chloride
Concen: 120.23 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003450.D
Acq: 18 Jul 2018 16:28

Tgt Ion: 84 Resp: 353469
Ion Ratio Lower Upper
84 100
49 117.7 107.8 161.6
51 37.0 32.8 49.2
86 63.7 52.5 78.7





#25

2-Butanone

Concen: 2.42 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

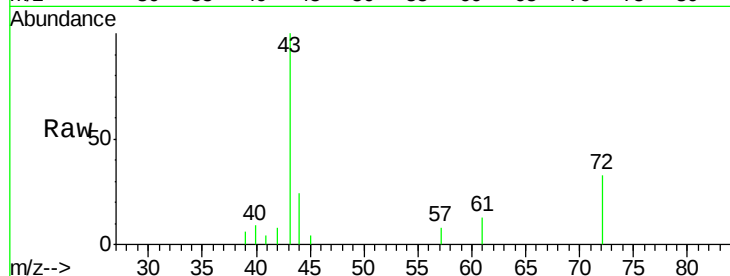
FS-RT-4917

Tot Ion: 43 Resp: 5491

Ion Ratio Lower Upper

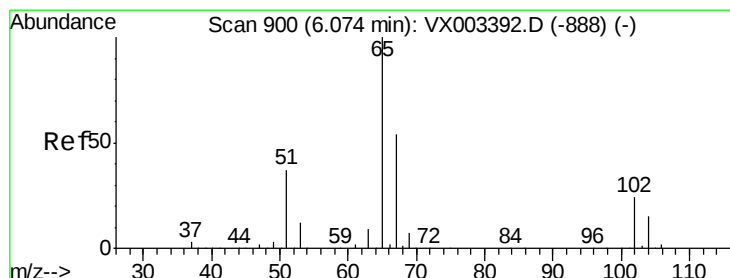
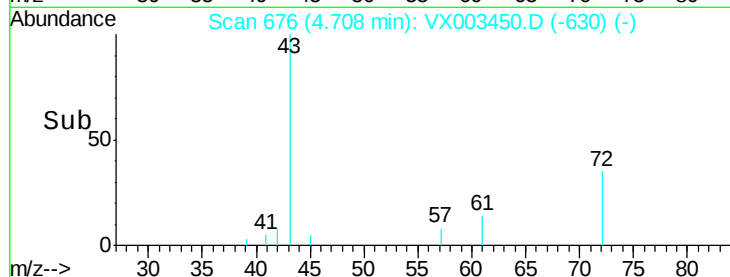
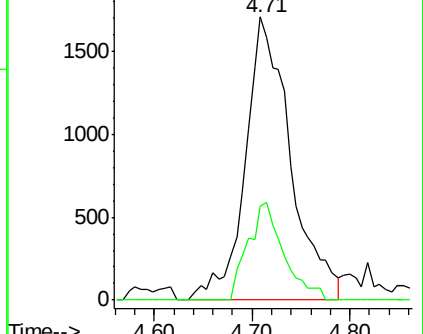
43 100

72 33.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003450.D

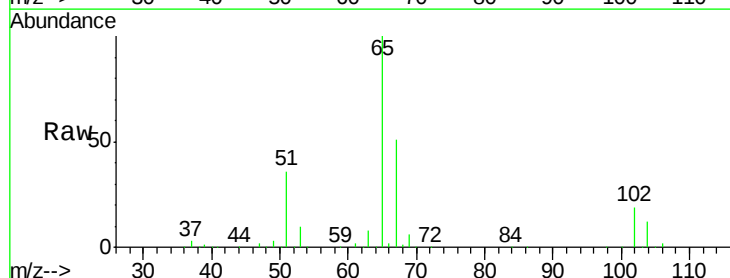
Acq: 18 Jul 2018 16:28

Tgt Ion: 65 Resp: 182411

Ion Ratio Lower Upper

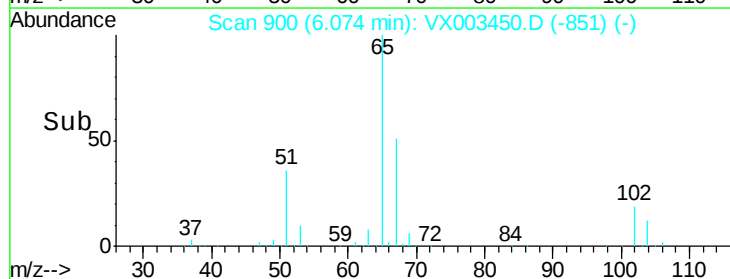
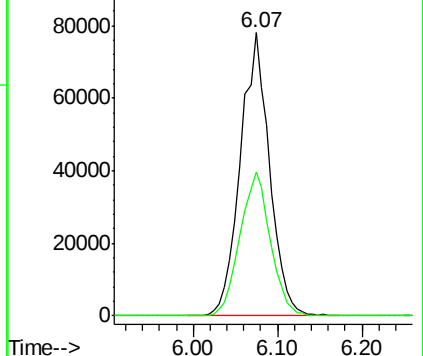
65 100

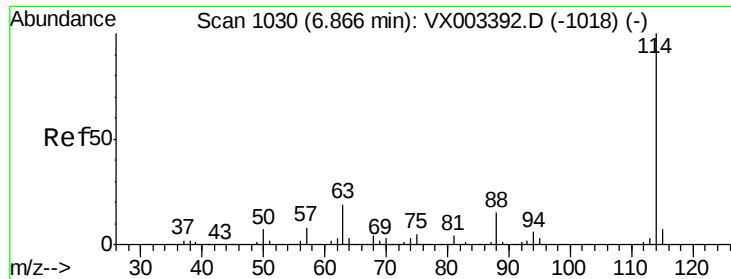
67 52.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

FS-RT-4917

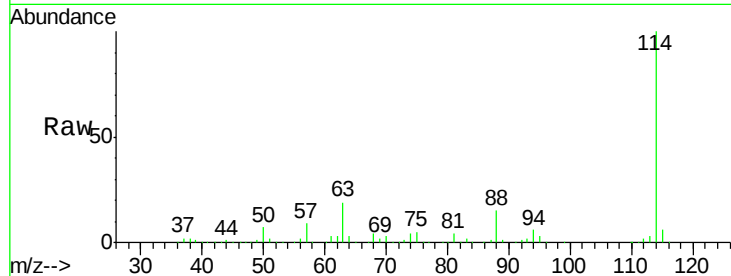
Tot Ion:114 Resp: 408410

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

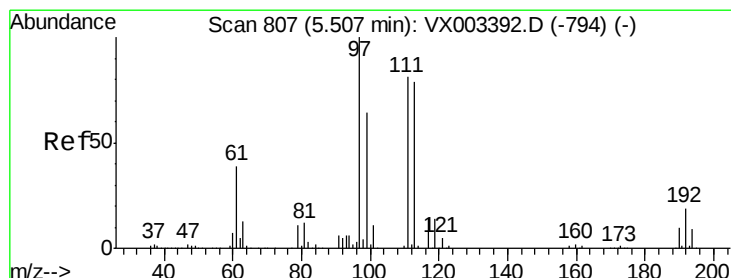
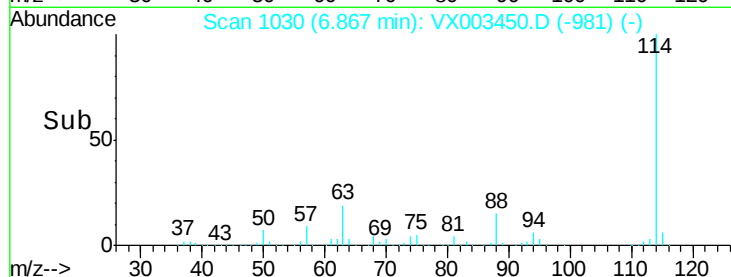
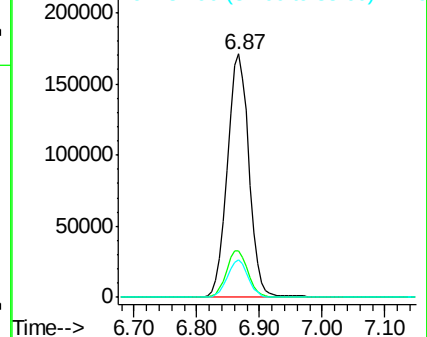
88 15.3 0.0 30.0



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: 46.14 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

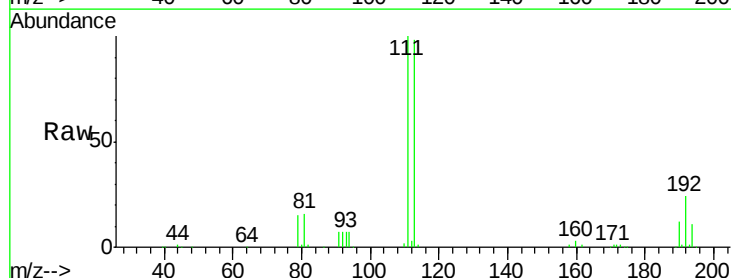
Tgt Ion:113 Resp: 152460

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

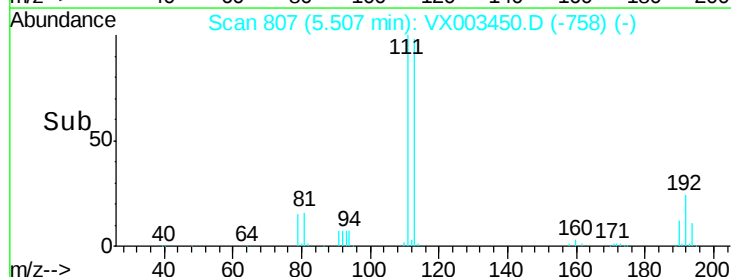
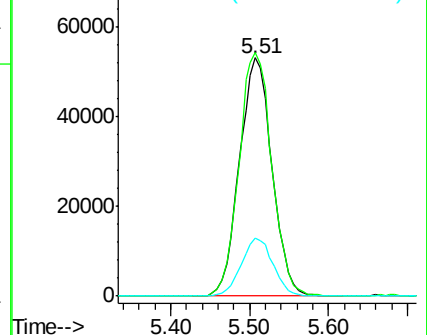
192 23.7 19.1 28.7

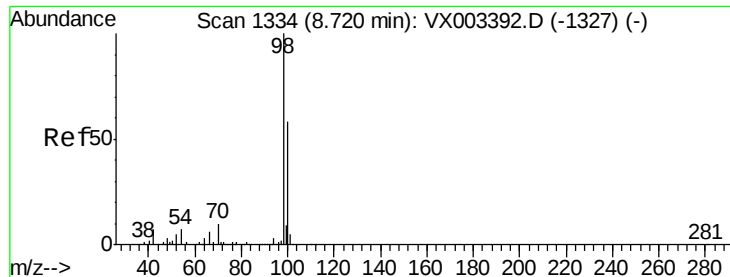


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

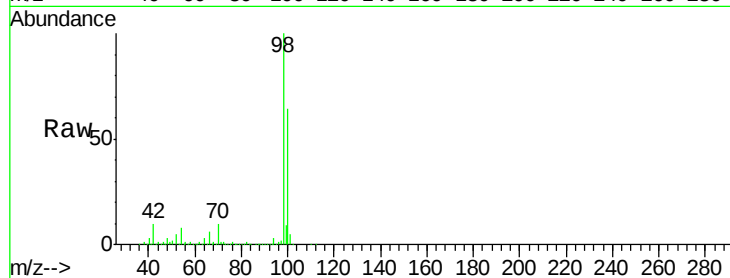
FS-RT-4917

Tot Ion: 98 Resp: 576314

Ion Ratio Lower Upper

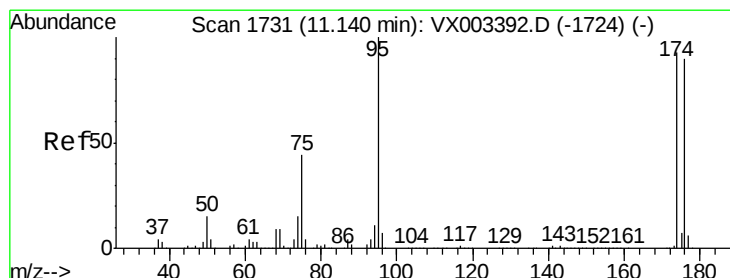
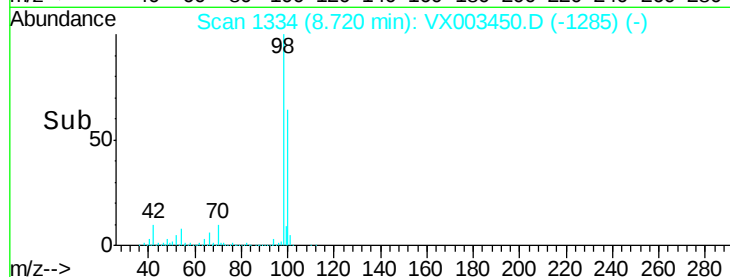
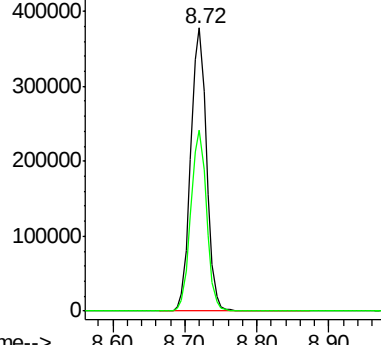
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

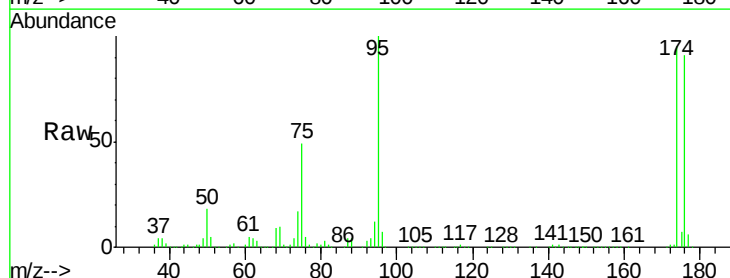
Tgt Ion: 95 Resp: 197653

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

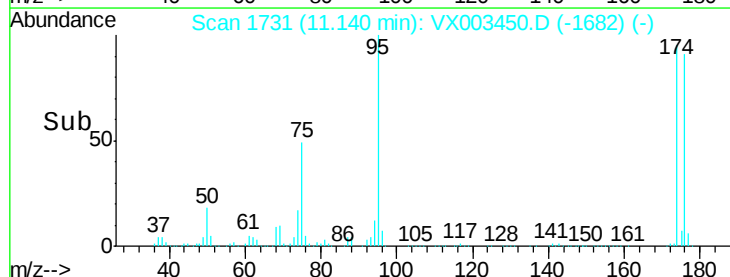
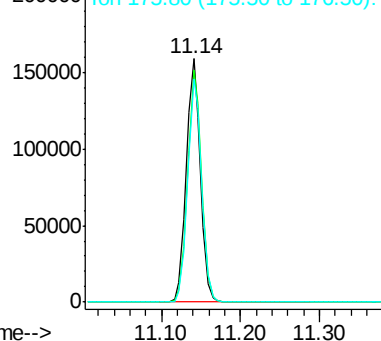
176 91.3 0.0 181.0

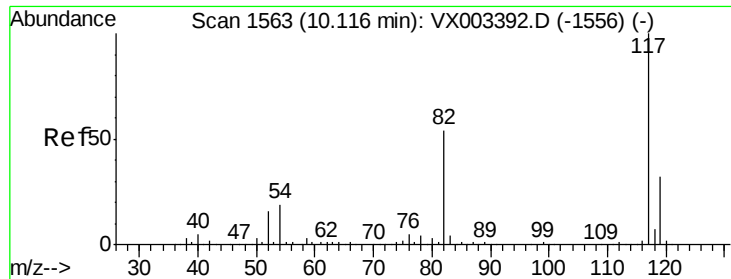


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

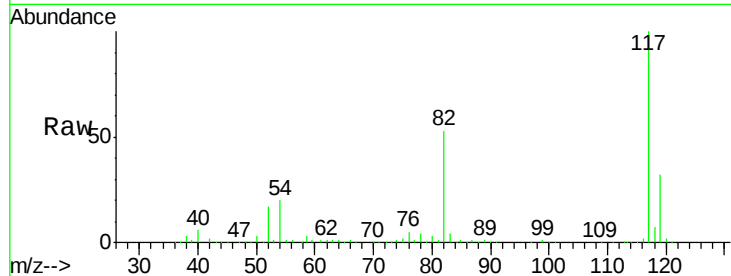




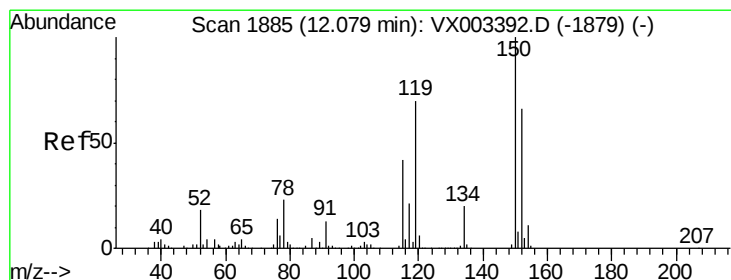
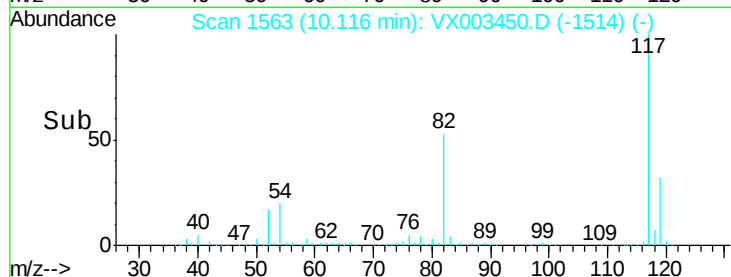
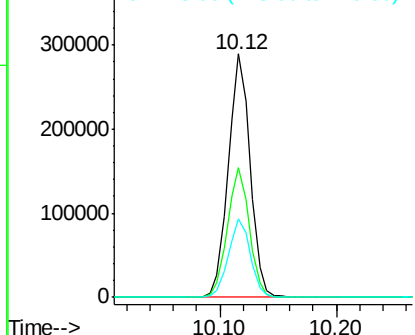
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003450.D
Acq: 18 Jul 2018 16:28

Instrument :
MSVOA_X
ClientSampleId :
FS-RT-4917

Tot Ion:117 Resp: 377606
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.3 25.8 38.6

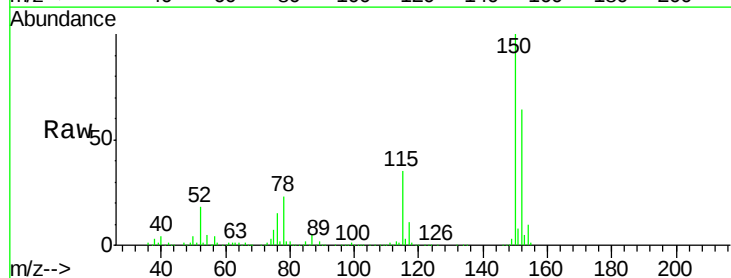


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

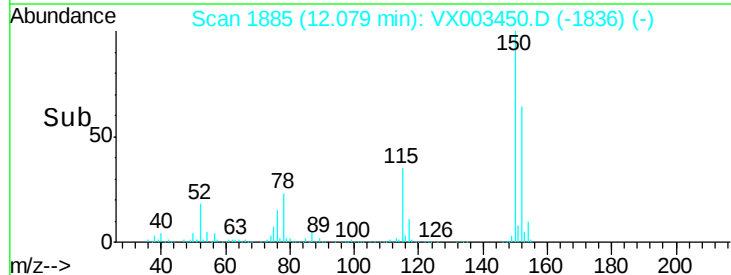
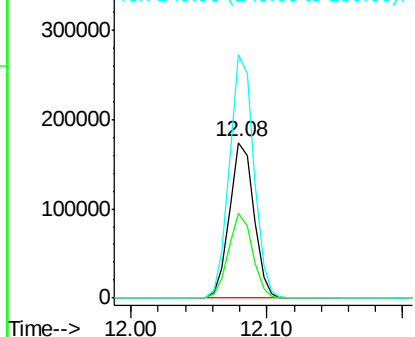


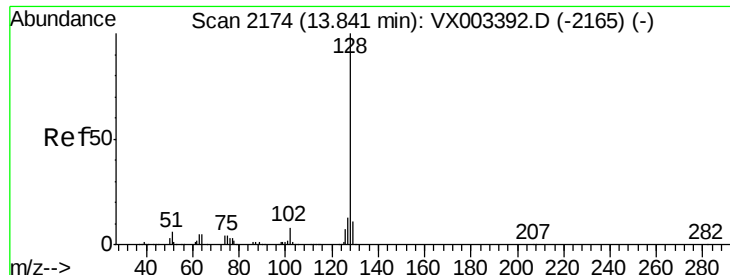
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003450.D
Acq: 18 Jul 2018 16:28

Tgt Ion:152 Resp: 217219
Ion Ratio Lower Upper
152 100
115 53.8 40.1 120.2
150 156.4 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: 6.26 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003450.D

Acq: 18 Jul 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

FS-RT-4917

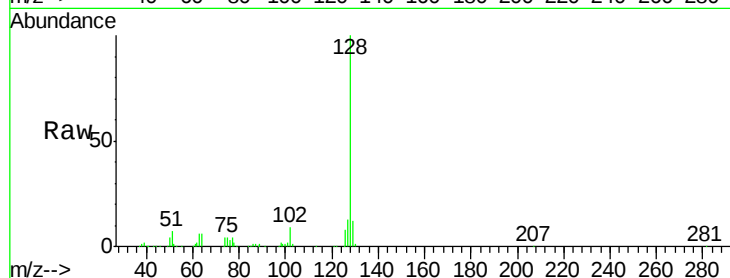
Tot Ion:128 Resp: 89111

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.4 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

