

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003449.D
 Acq On : 18 Jul 2018 16:01
 Operator : JC/MD
 Sample : J4013-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-ID

Quant Time: Jul 19 02:18:47 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

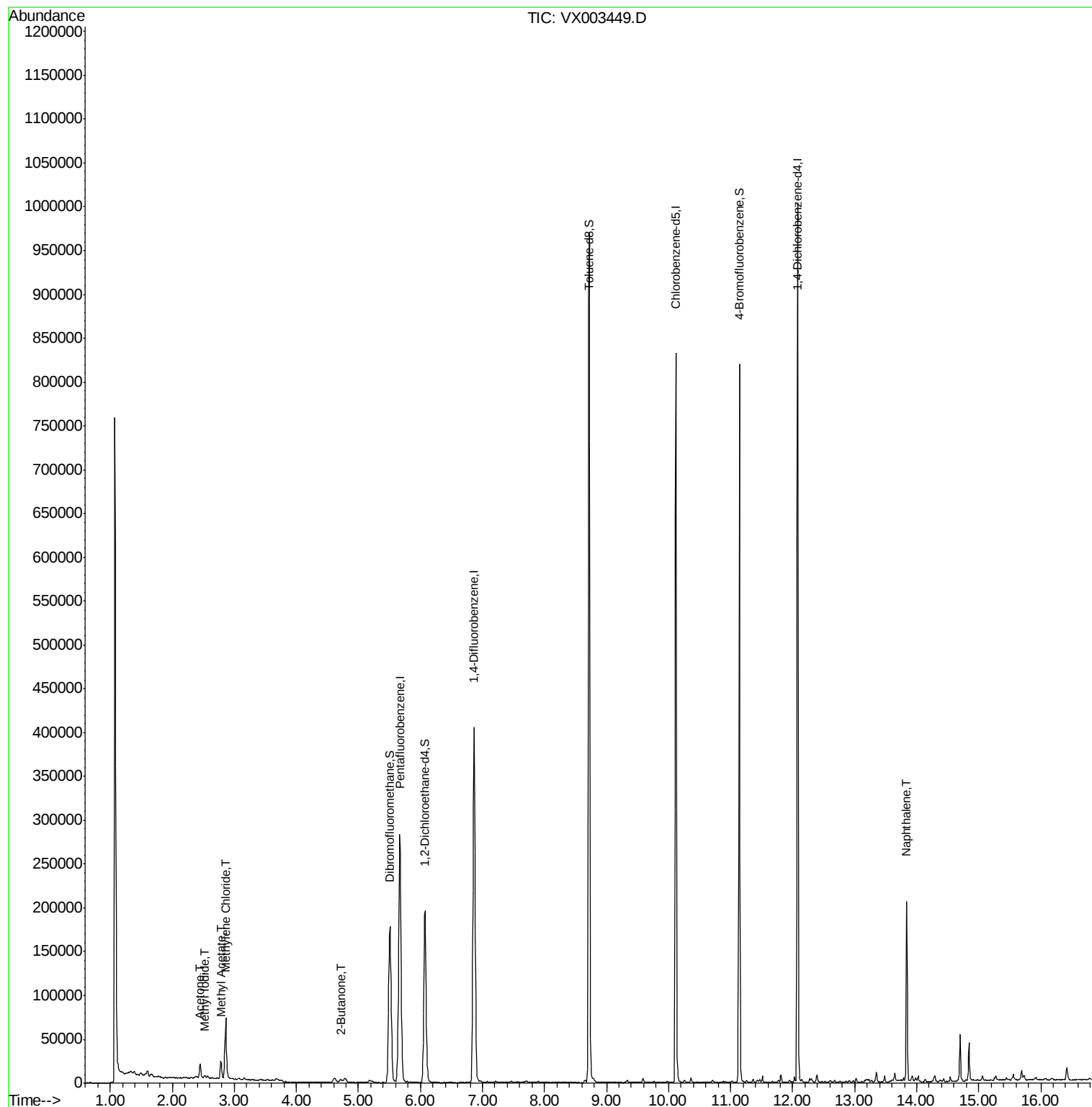
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181163	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	5.51	113	155754	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
50) Toluene-d8	8.72	98	584586	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.14	95	198676	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
Target Compounds						
10) Methyl Iodide	2.52	142	3832	1.13	ug/l	94
16) Acetone	2.45	43	17665	11.40	ug/l #	89
18) Methyl Acetate	2.78	43	24298	4.82	ug/l #	91
20) Methylene Chloride	2.86	84	32854	9.17	ug/l	90
25) 2-Butanone	4.71	43	6252	2.58	ug/l	92
95) Naphthalene	13.83	128	135069	9.65	ug/l	100

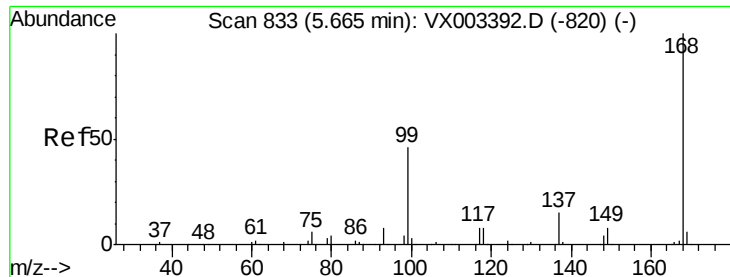
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

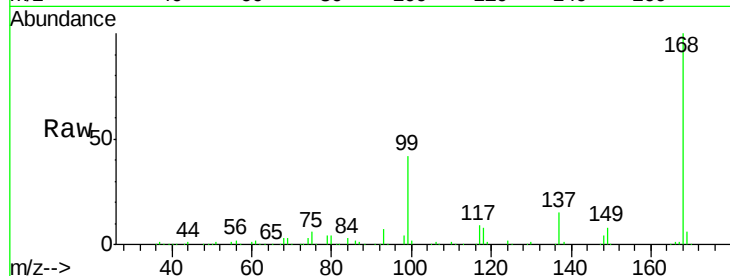
TP-I-D

Tot Ion:168 Resp: 284407

Ion Ratio Lower Upper

168 100

99 42.3 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

120000

100000

80000

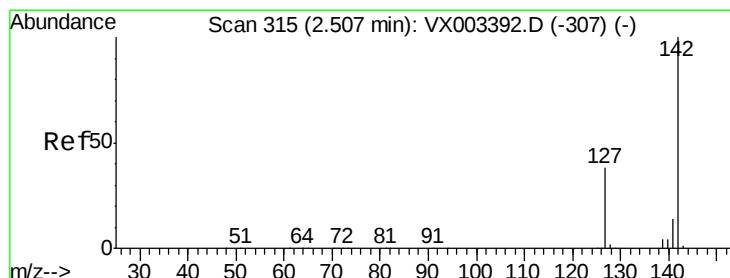
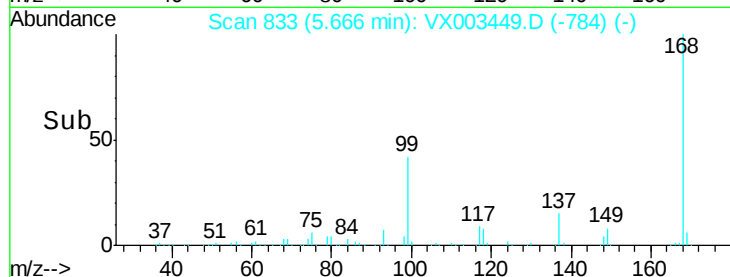
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 1.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

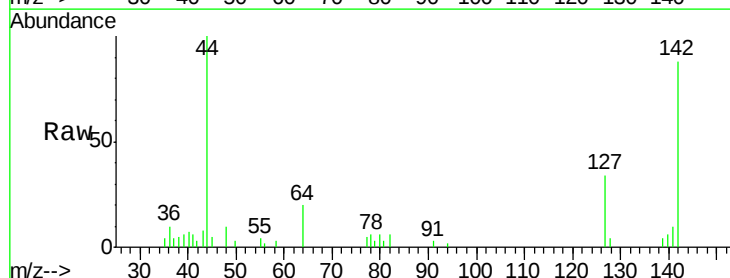
Tgt Ion:142 Resp: 3832

Ion Ratio Lower Upper

142 100

127 40.6 36.6 55.0

141 14.6 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2500

2000

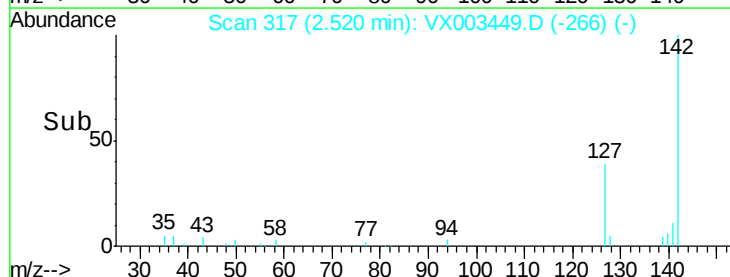
1500

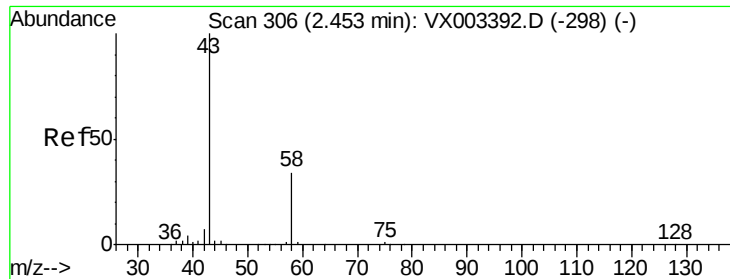
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 11.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

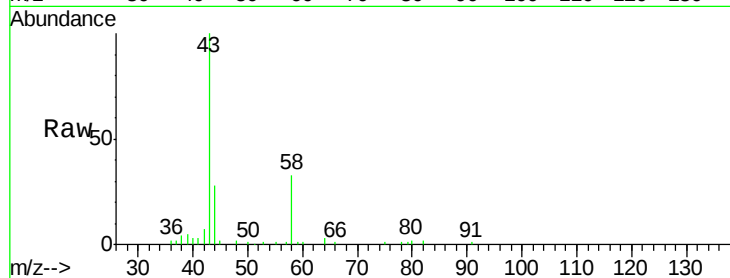
TP-I-D

Tot Ion: 43 Resp: 17665

Ion Ratio Lower Upper

43 100

58 33.4 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

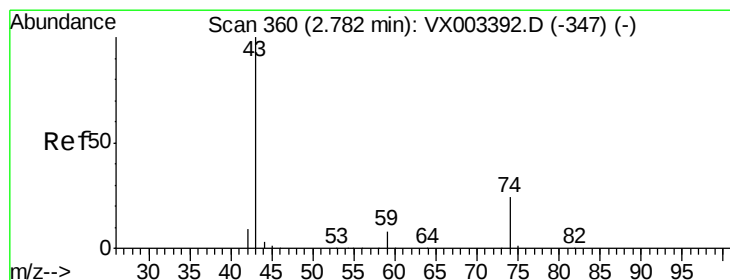
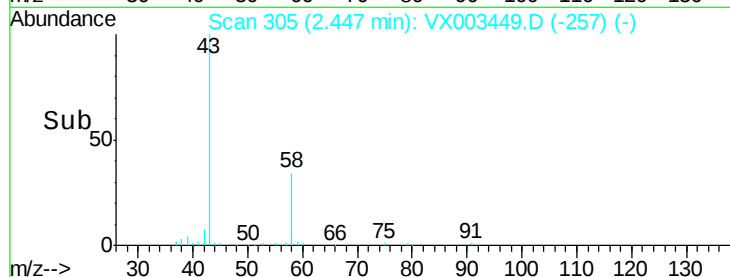
4000

2000

0

Time-->

2.40 2.50 2.60



#18

Methyl Acetate

Concen: 4.82 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003449.D

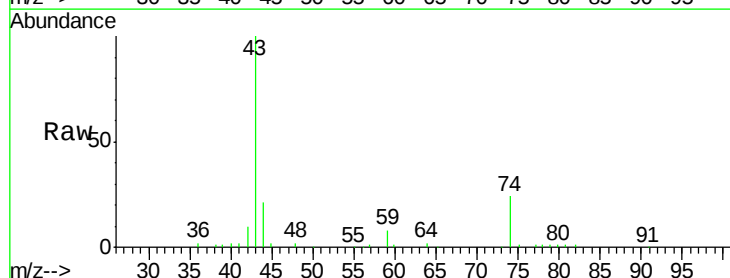
Acq: 18 Jul 2018 16:01

Tgt Ion: 43 Resp: 24298

Ion Ratio Lower Upper

43 100

74 25.1 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

15000

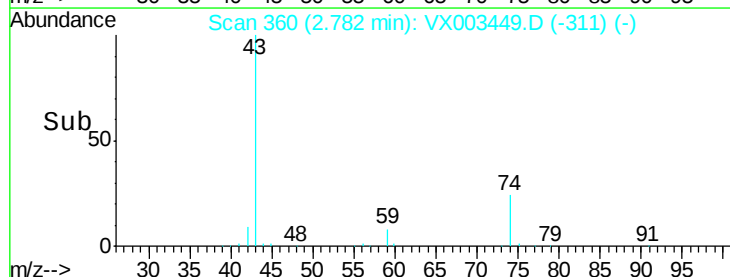
10000

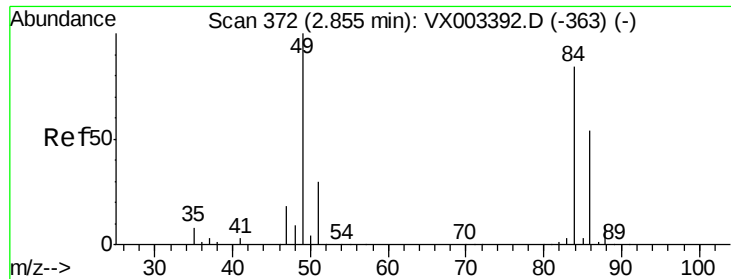
5000

0

Time-->

2.70 2.75 2.80 2.85

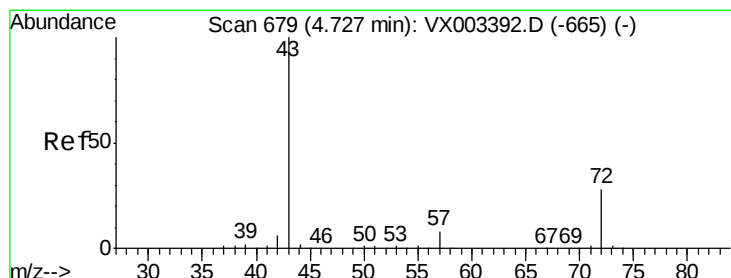
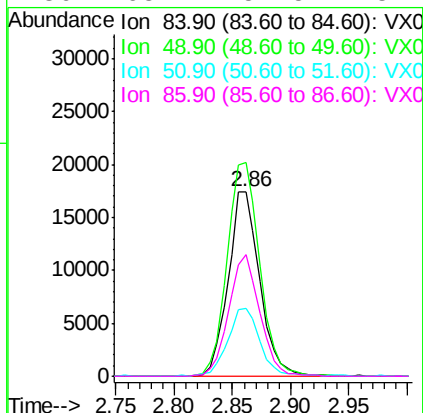
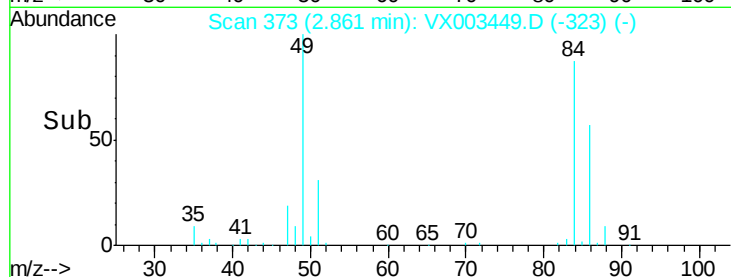
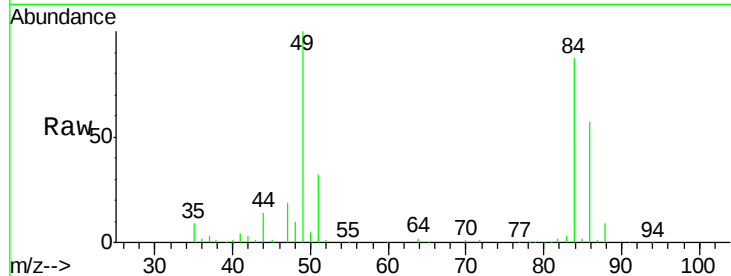




#20
Methvlene Chloride
Concen: 9.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

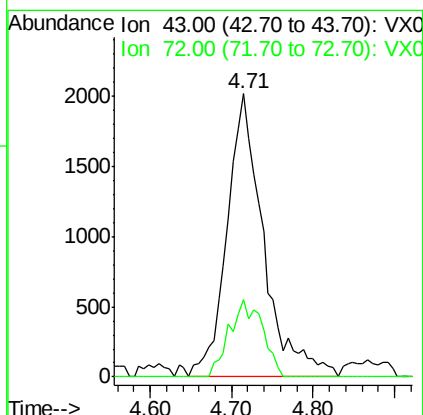
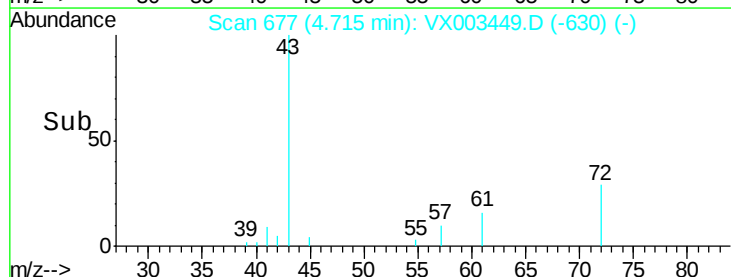
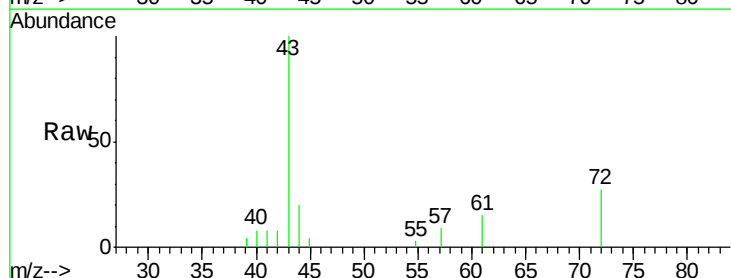
Instrument :
MSVOA_X
ClientSampleId :
TP-I-D

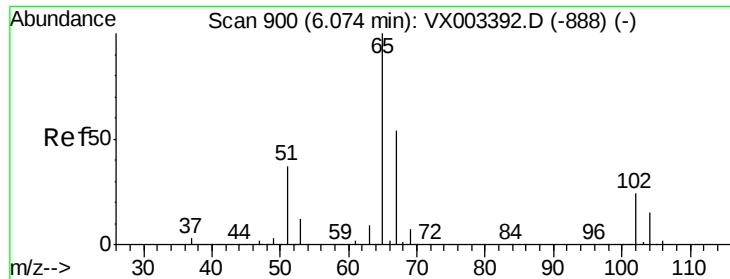
Tot Ion: 84 Resp: 32854
Ion Ratio Lower Upper
84 100
49 115.5 107.8 161.6
51 36.2 32.8 49.2
86 65.7 52.5 78.7



#25
2-Butanone
Concen: 2.58 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 43 Resp: 6252
Ion Ratio Lower Upper
43 100
72 27.1 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 48.64 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

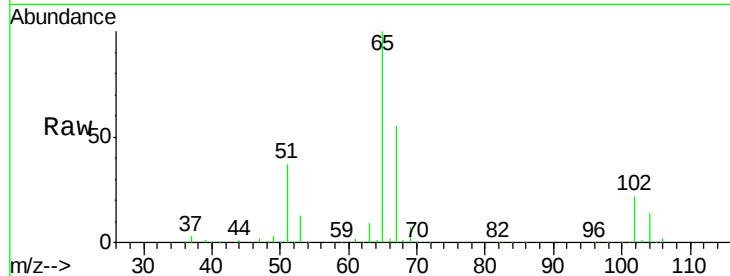
TP-I-D

Tot Ion: 65 Resp: 181163

Ion Ratio Lower Upper

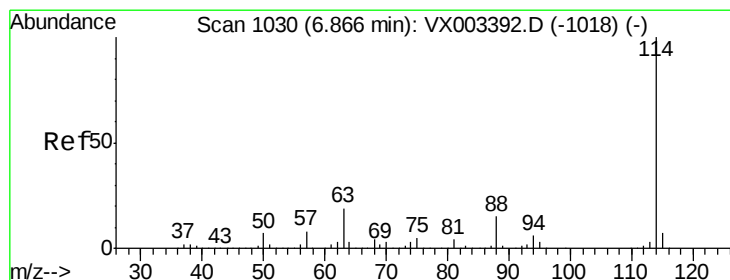
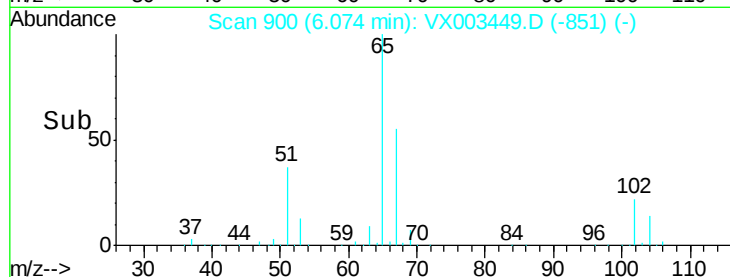
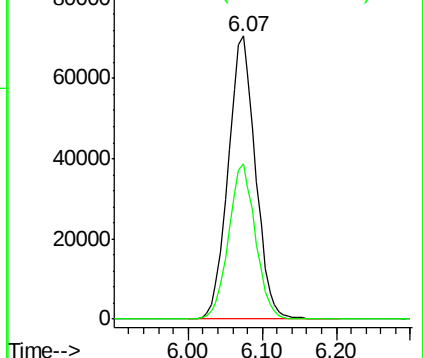
65 100

67 53.9 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: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

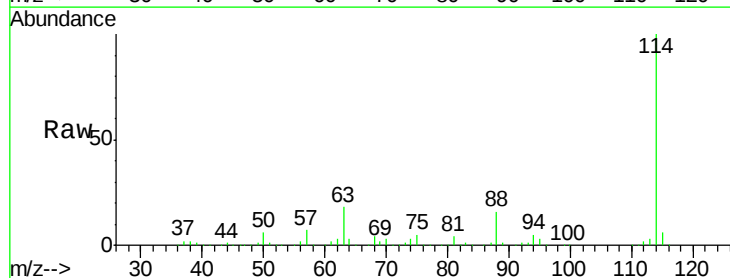
Tgt Ion: 114 Resp: 421560

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.4

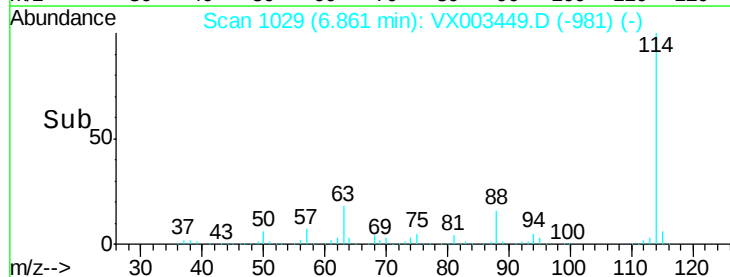
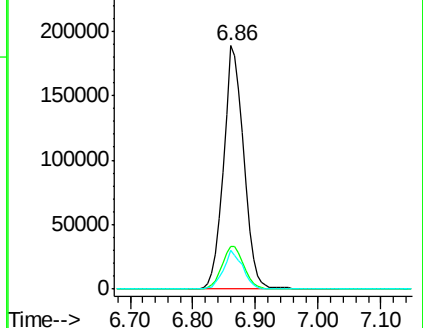
88 15.8 0.0 30.0

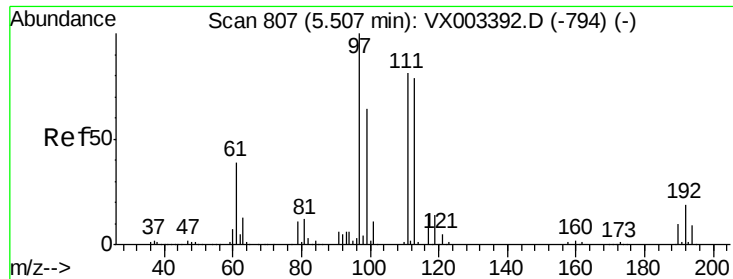


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

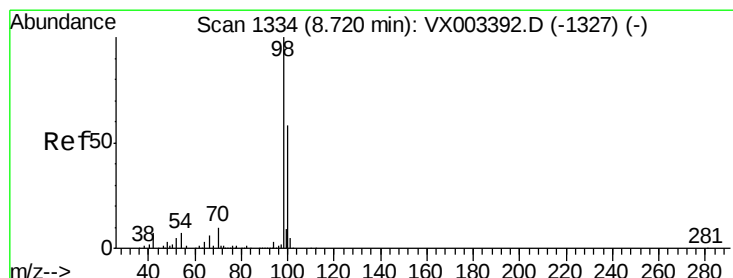
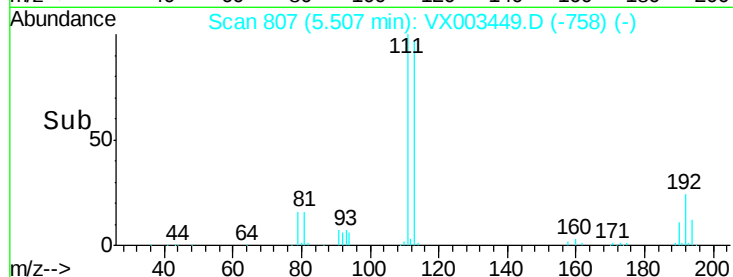
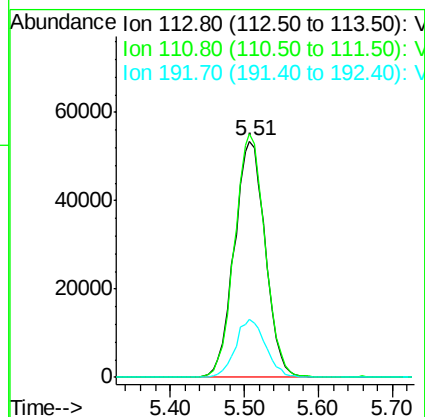
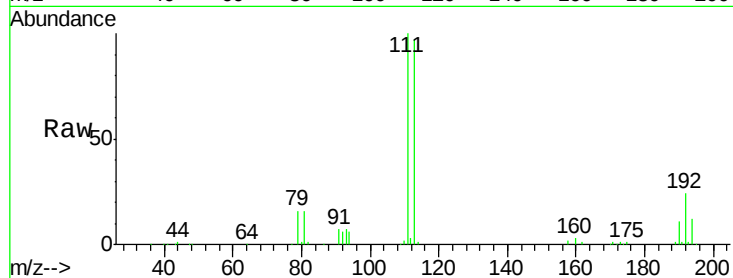




#35
 Dibromofluoromethane
 Concen: 45.66 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003449.D
 Acq: 18 Jul 2018 16:01

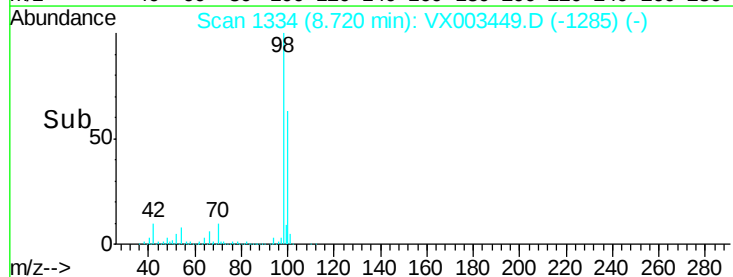
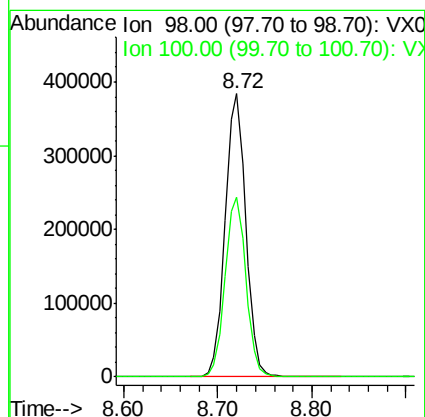
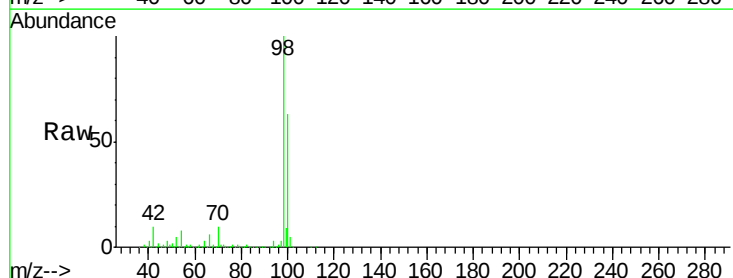
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-I-D

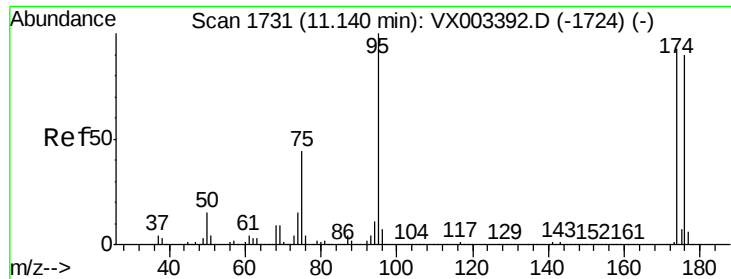
Tot Ion:113 Resp: 155754
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 23.9 19.1 28.7



#50
 Toluene-d8
 Concen: 46.44 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003449.D
 Acq: 18 Jul 2018 16:01

Tgt Ion: 98 Resp: 584586
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3

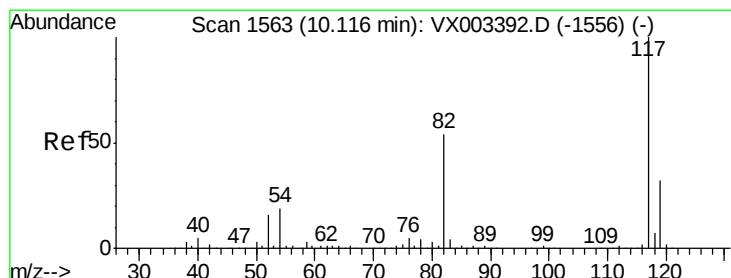
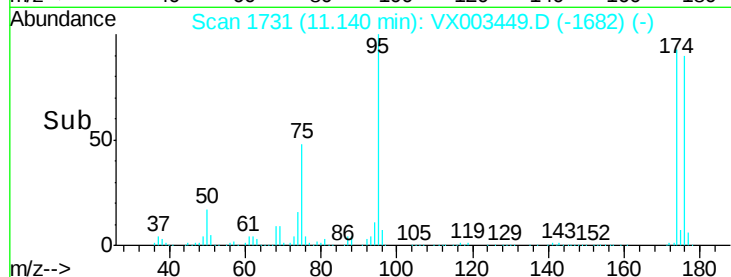
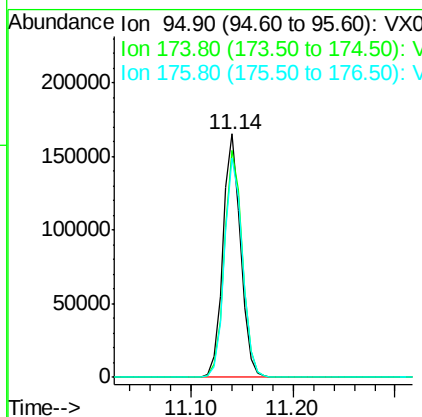
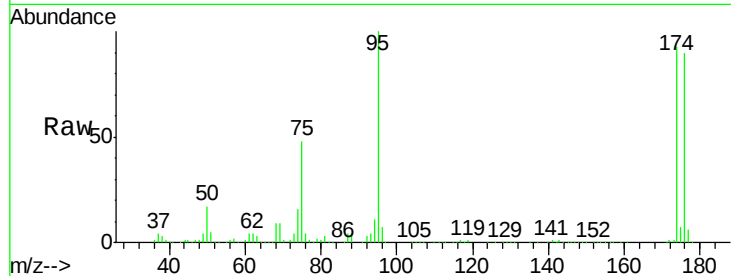




#62
4-Bromofluorobenzene
Concen: 44.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

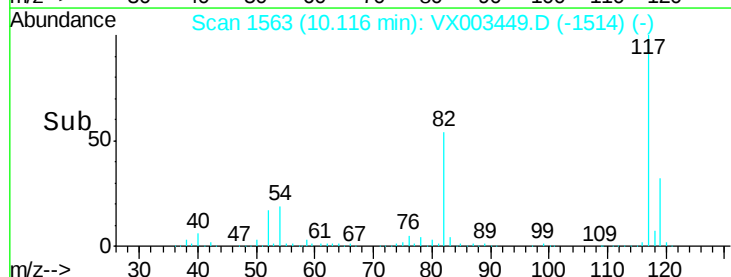
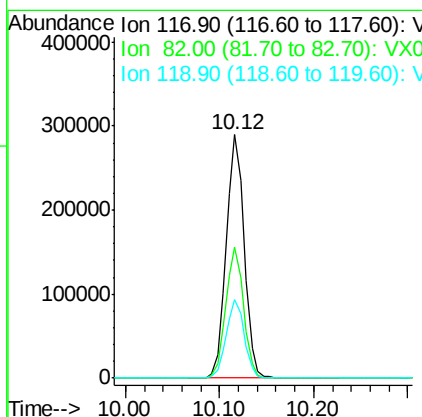
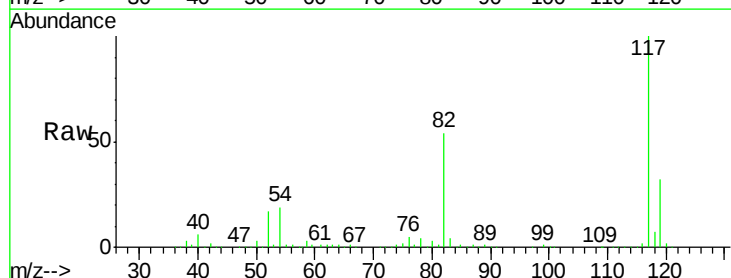
Instrument :
MSVOA_X
ClientSampled :
TP-I-D

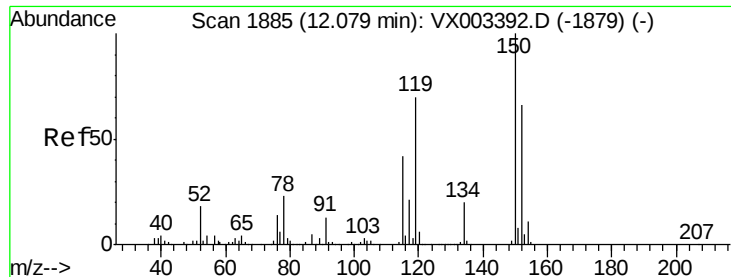
Tot Ion: 95 Resp: 198676
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.4
176 91.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 117 Resp: 383098
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

TP-I-D

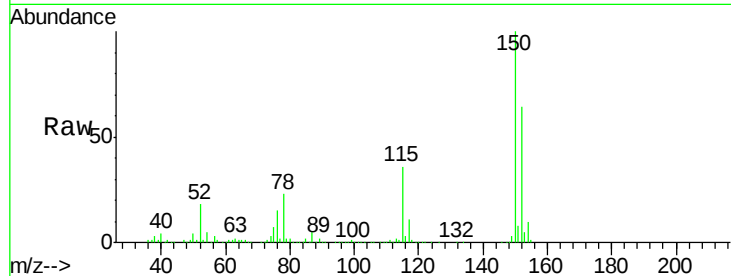
Tot Ion:152 Resp: 213458

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

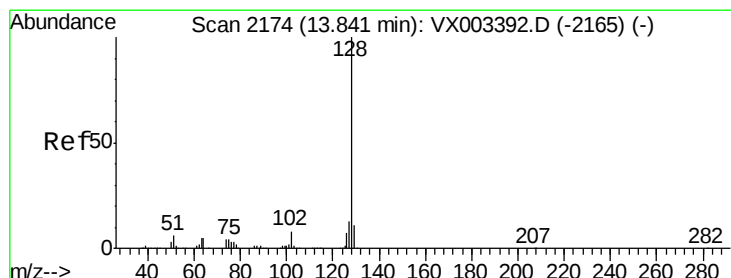
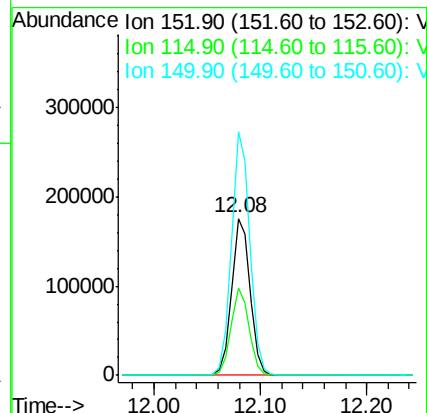
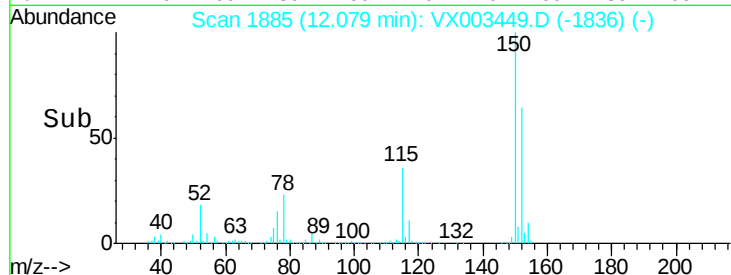
150 155.0 0.0 347.2



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: 9.65 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003449.D

Acq: 18 Jul 2018 16:01

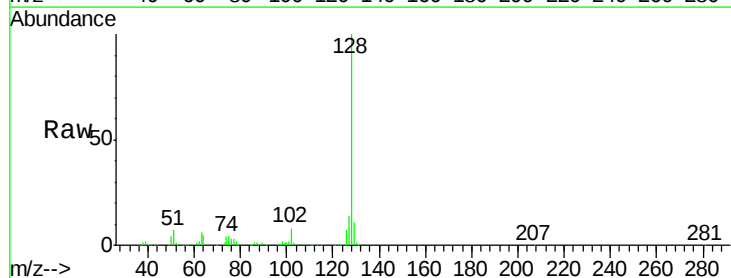
Tgt Ion:128 Resp: 135069

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.6 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

