

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003478.D
 Acq On : 19 Jul 2018 22:21
 Operator : JC/SP
 Sample : J3965-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-EB-2018-1

Quant Time: Jul 20 11:39:37 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

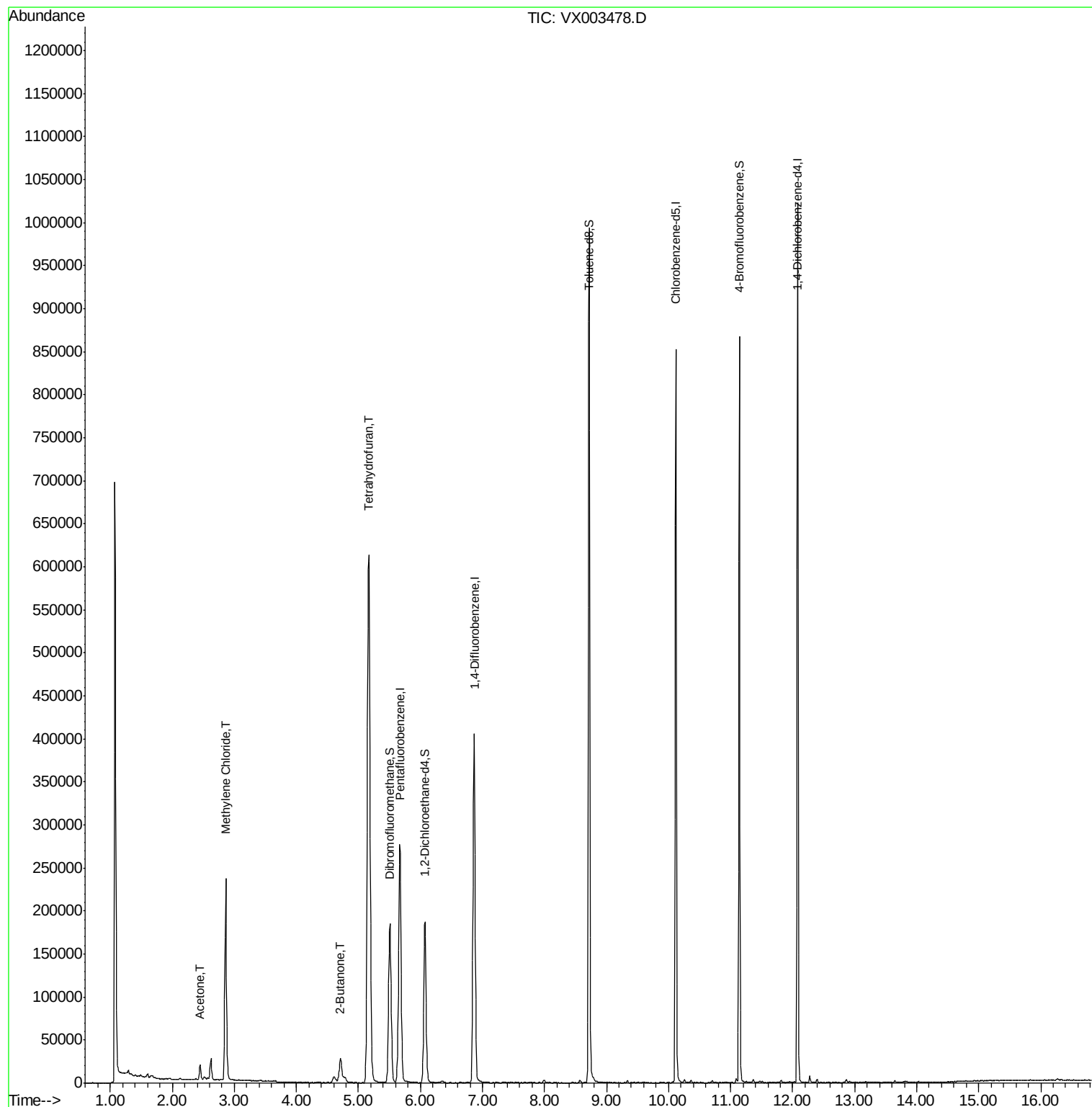
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175846	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	5.51	113	159510	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.72	98	609860	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	211367	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
16) Acetone	2.45	43	18336	13.80	ug/l	# 86
20) Methylene Chloride	2.86	84	111624	34.09	ug/l	89
25) 2-Butanone	4.71	43	51210	22.98	ug/l	96
29) Tetrahydrofuran	5.17	42	591128	401.54	ug/l	93

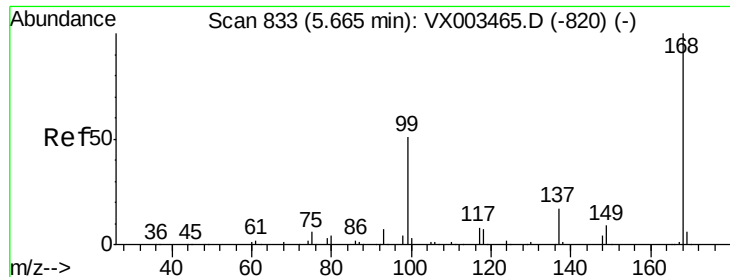
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003478.D

Acq: 19 Jul 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

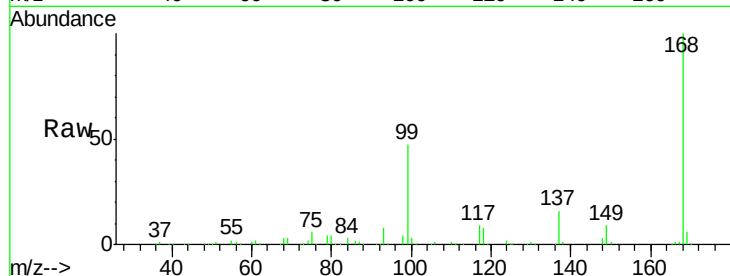
LF1-EB-2018-1

Tot Ion:168 Resp: 297059

Ion Ratio Lower Upper

168 100

99 47.1 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

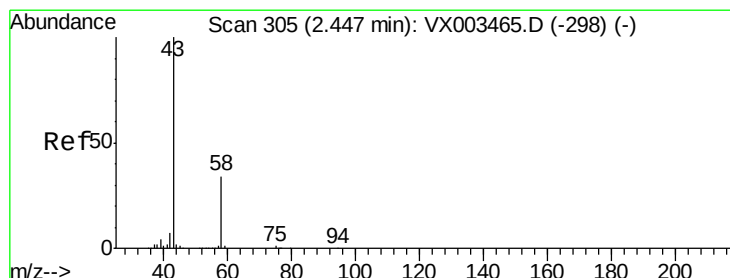
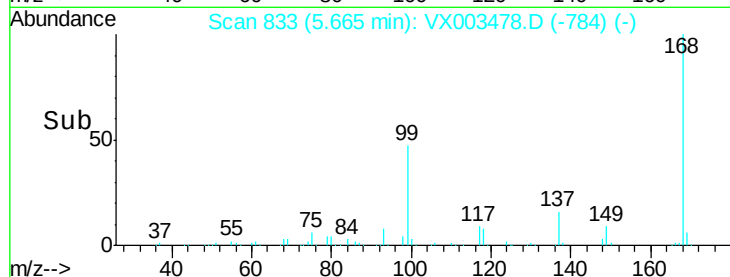
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003478.D

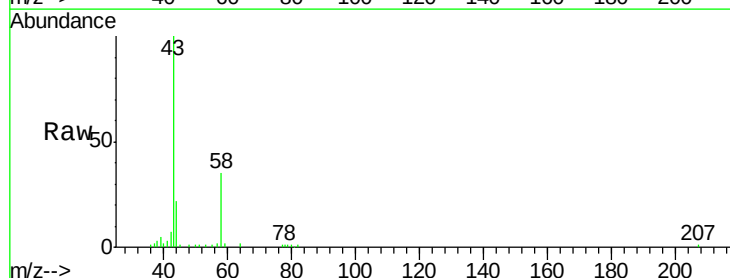
Acq: 19 Jul 2018 22:21

Tgt Ion: 43 Resp: 18336

Ion Ratio Lower Upper

43 100

58 34.9 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

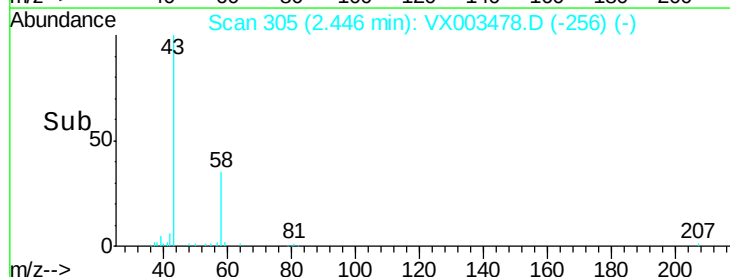
6000

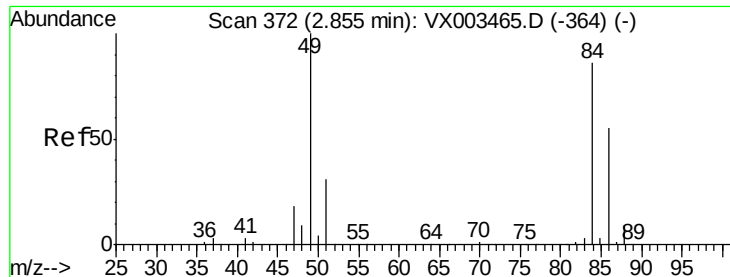
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

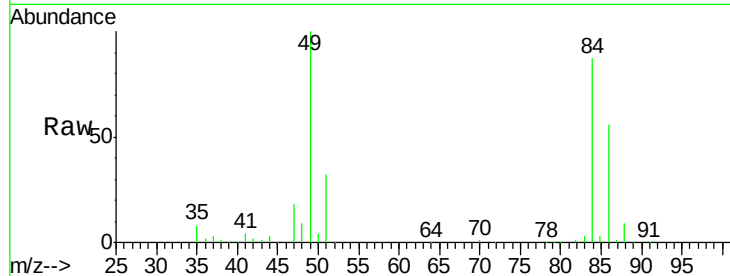




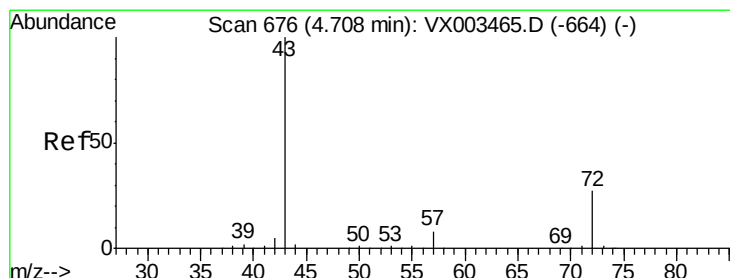
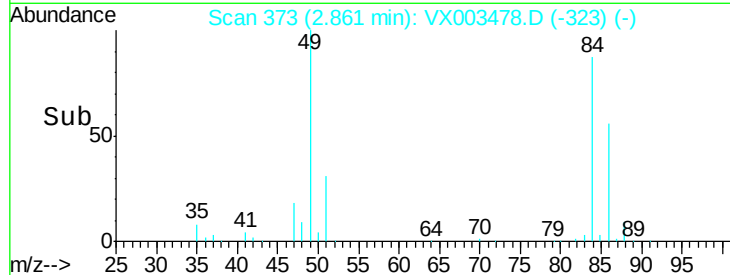
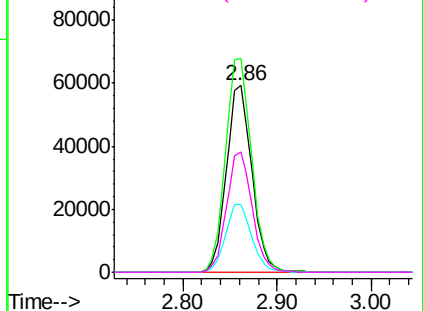
#20
Methvlene Chloride
Concen: 34.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003478.D
Acq: 19 Jul 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :
LF1-EB-2018-1

Tot Ion: 84 Resp: 111624
Ion Ratio Lower Upper
84 100
49 114.5 107.8 161.6
51 36.1 32.8 49.2
86 64.6 52.5 78.7

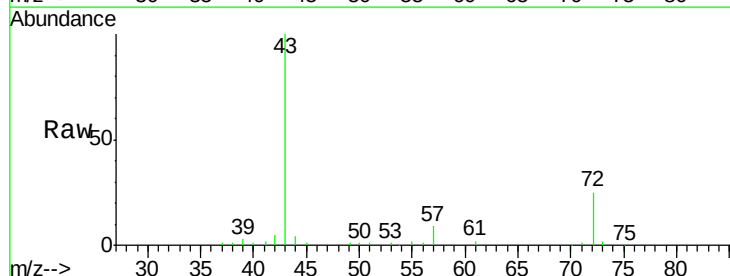


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

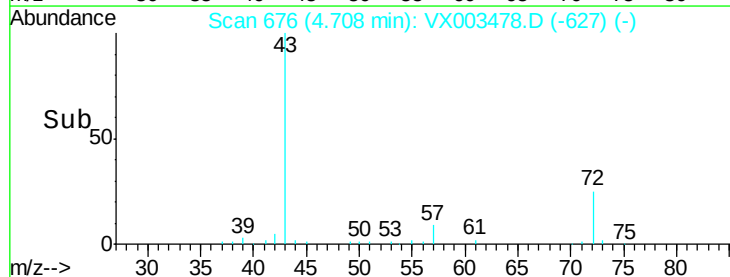
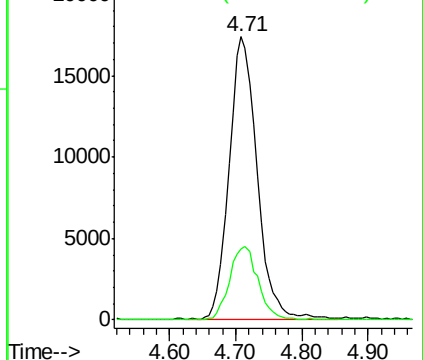


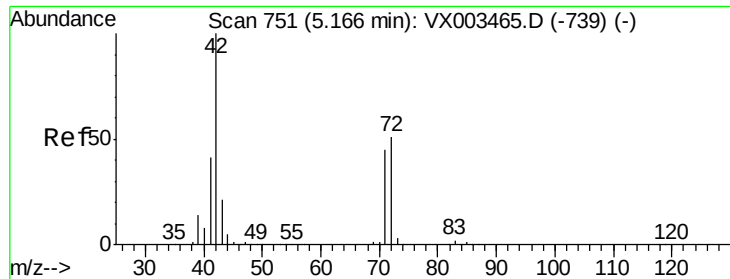
#25
2-Butanone
Concen: 22.98 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX003478.D
Acq: 19 Jul 2018 22:21

Tgt Ion: 43 Resp: 51210
Ion Ratio Lower Upper
43 100
72 25.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 401.54 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003478.D

Acq: 19 Jul 2018 22:21

Instrument :

MSVOA_X

ClientSampled :

LF1-EB-2018-1

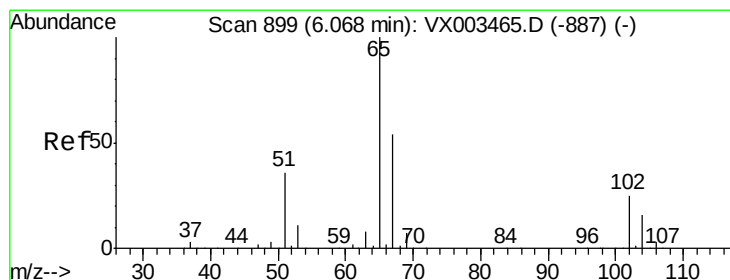
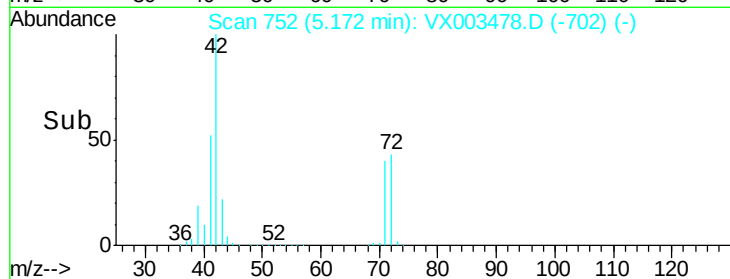
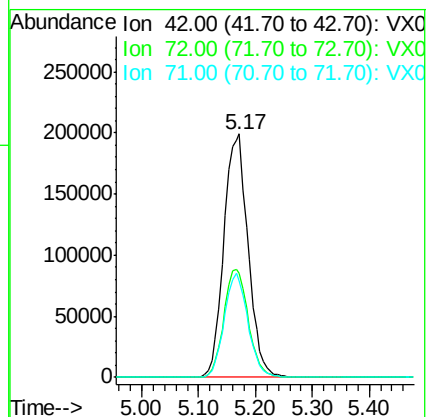
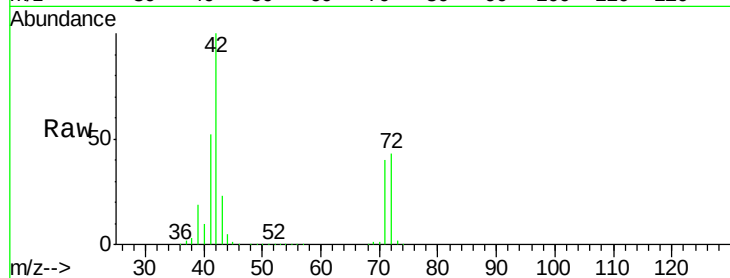
Tot Ion: 42 Resp: 591128

Ion Ratio Lower Upper

42 100

72 44.8 32.0 48.0

71 41.6 30.1 45.1



#33

1,2-Dichloroethane-d4

Concen: 50.01 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003478.D

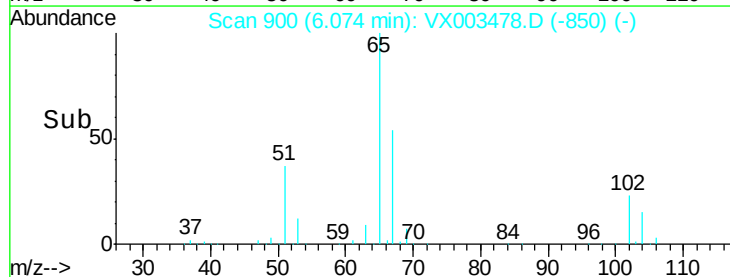
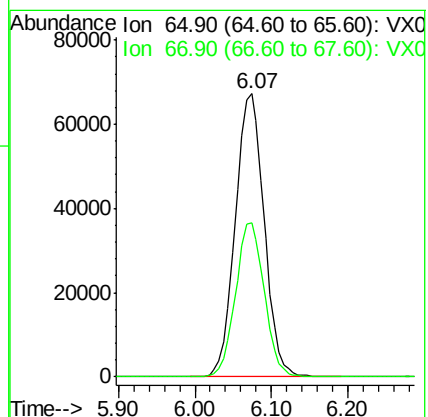
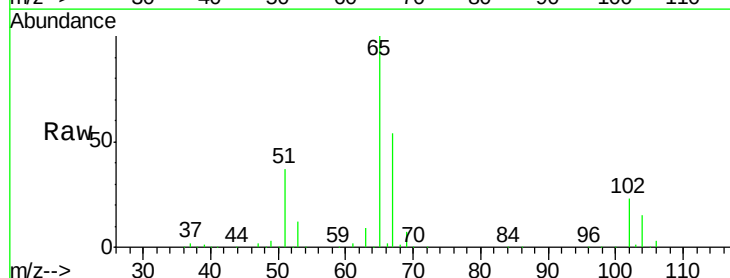
Acq: 19 Jul 2018 22:21

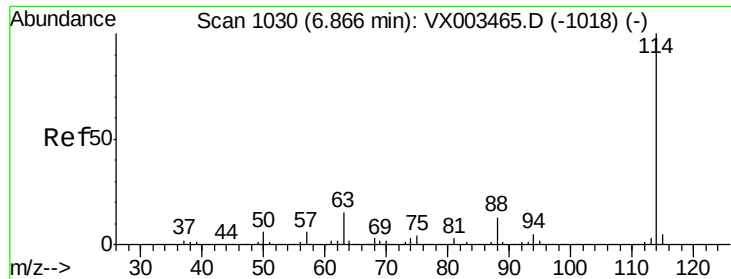
Tgt Ion: 65 Resp: 175846

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.6

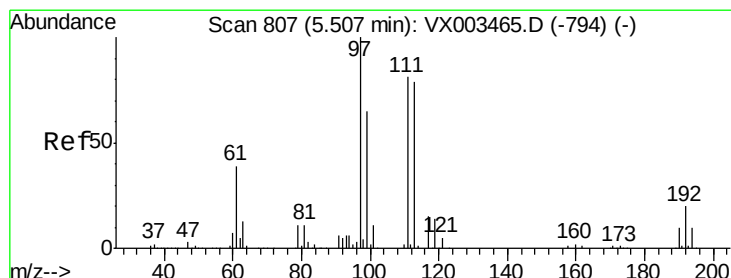
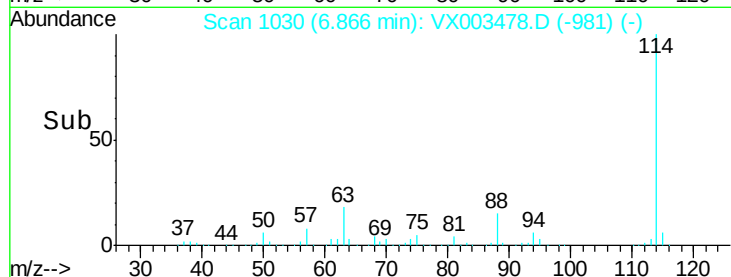
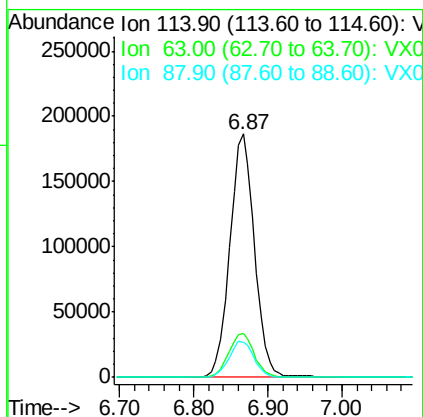
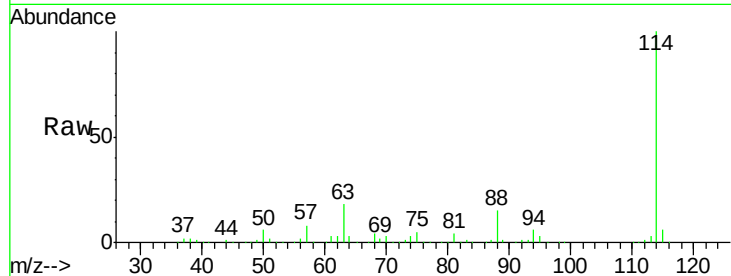




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003478.D
 Acq: 19 Jul 2018 22:21

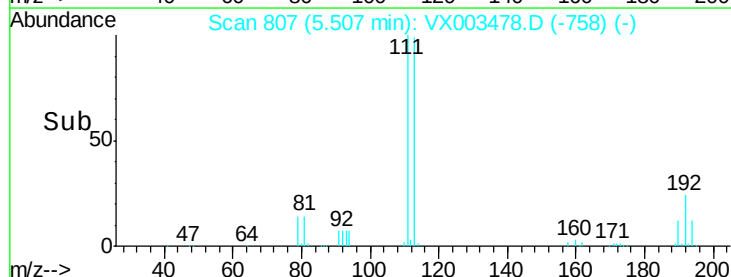
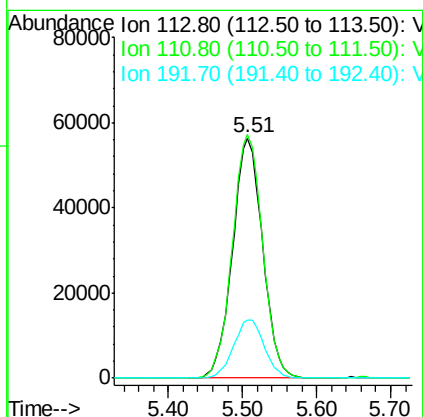
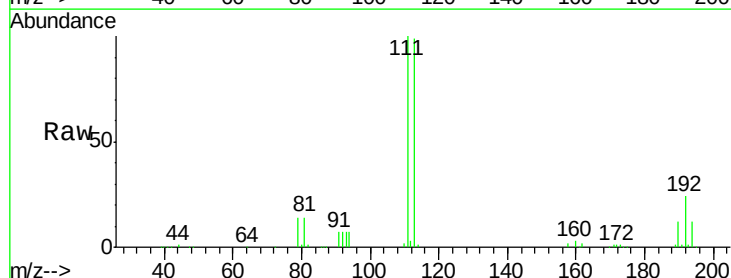
Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-EB-2018-1

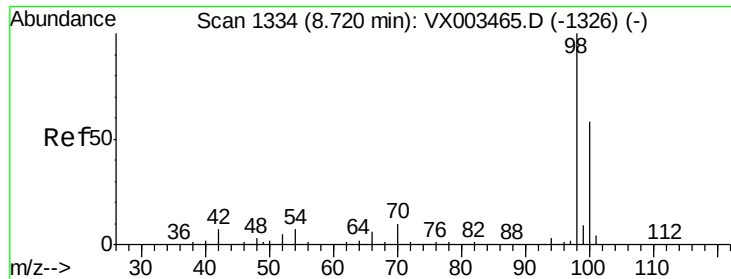
Tot Ion:114 Resp: 431583
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.4
 88 14.6 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.52 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003478.D
 Acq: 19 Jul 2018 22:21

Tgt Ion:113 Resp: 159510
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 24.8 19.1 28.7

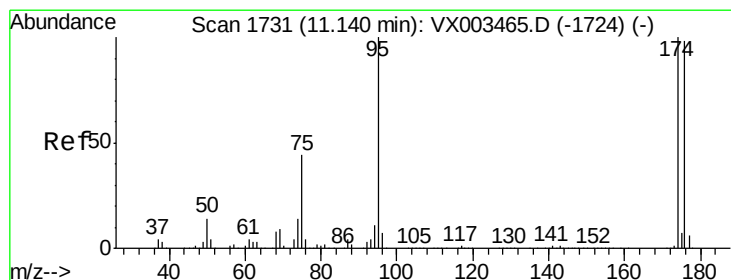
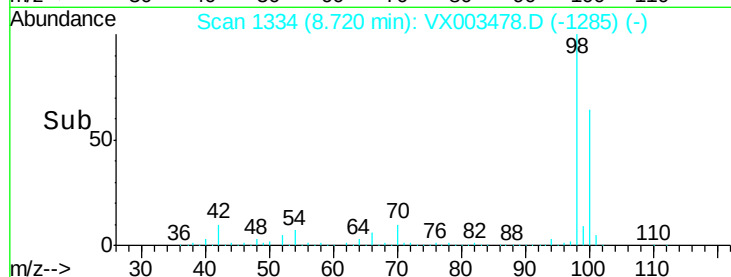
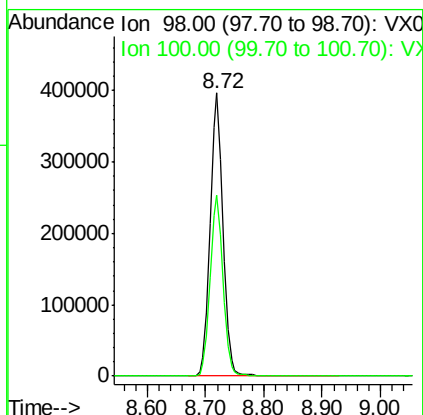
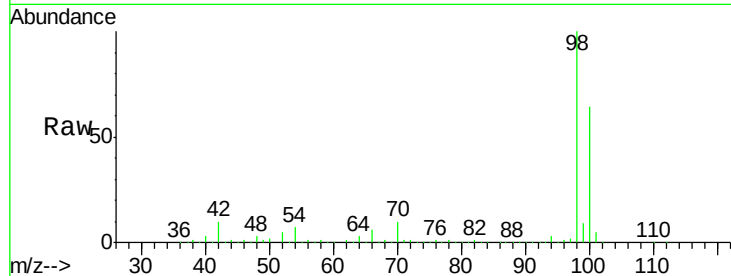




#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003478.D
Acq: 19 Jul 2018 22:21

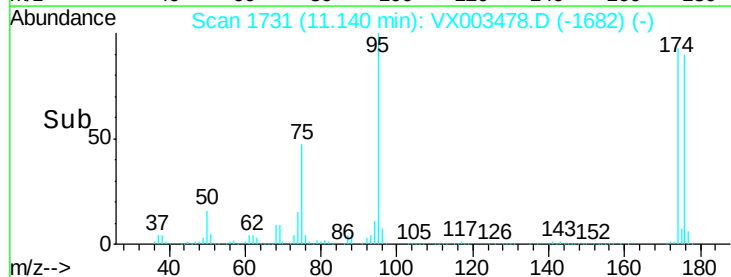
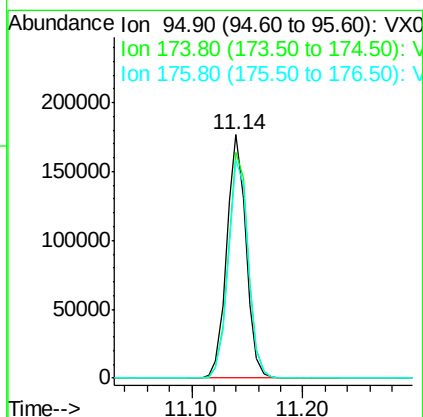
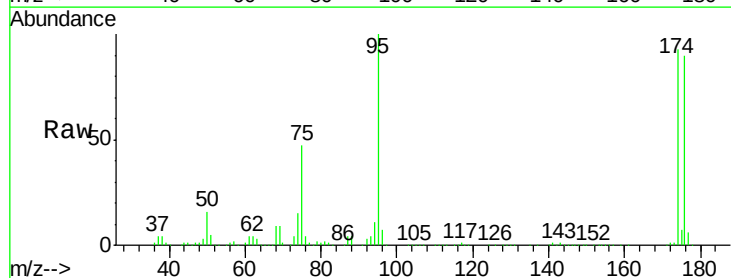
Instrument :
MSVOA_X
ClientSampleId :
LF1-EB-2018-1

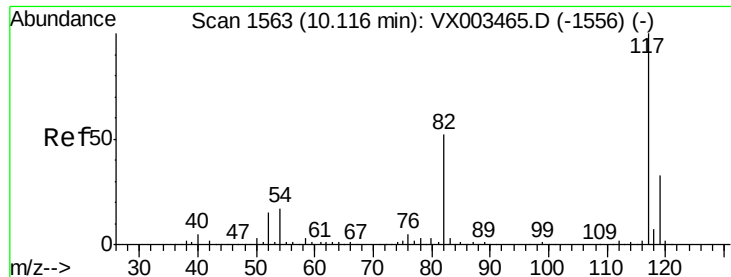
Tot Ion: 98 Resp: 609860
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003478.D
Acq: 19 Jul 2018 22:21

Tgt Ion: 95 Resp: 211367
Ion Ratio Lower Upper
95 100
174 96.3 0.0 187.4
176 92.8 0.0 181.0

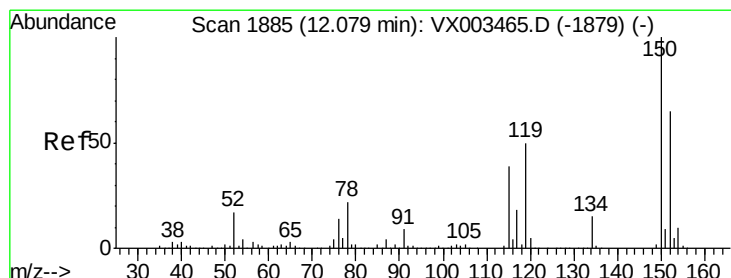
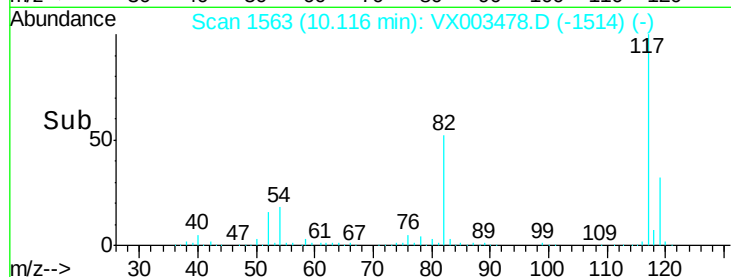
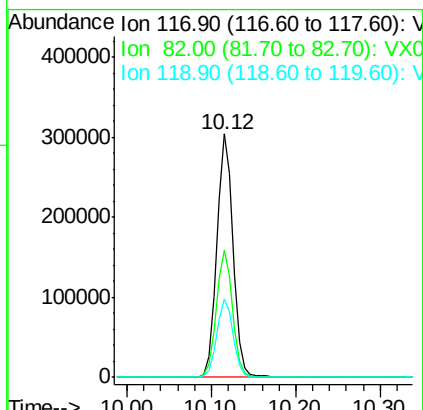
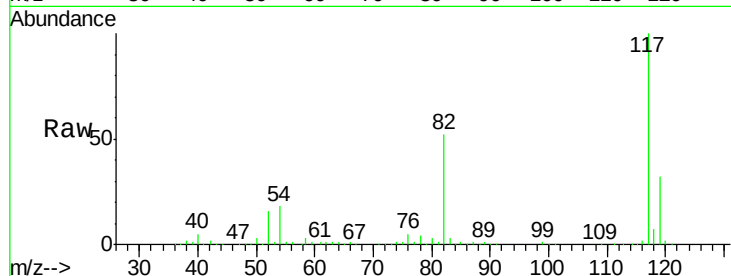




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003478.D
Acq: 19 Jul 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:117 Resp: 406819
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.0 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: VX003478.D
Acq: 19 Jul 2018 22:21

Tgt Ion:152 Resp: 226134
Ion Ratio Lower Upper
152 100
115 53.6 40.1 120.2
150 155.7 0.0 347.2

