

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000521.D
 Acq On : 29 Mar 2018 18:57
 Operator : JC/MD
 Sample : J2097-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIC-PY-TRIP-BLANK-3.26.18

Quant Time: Mar 30 07:22:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

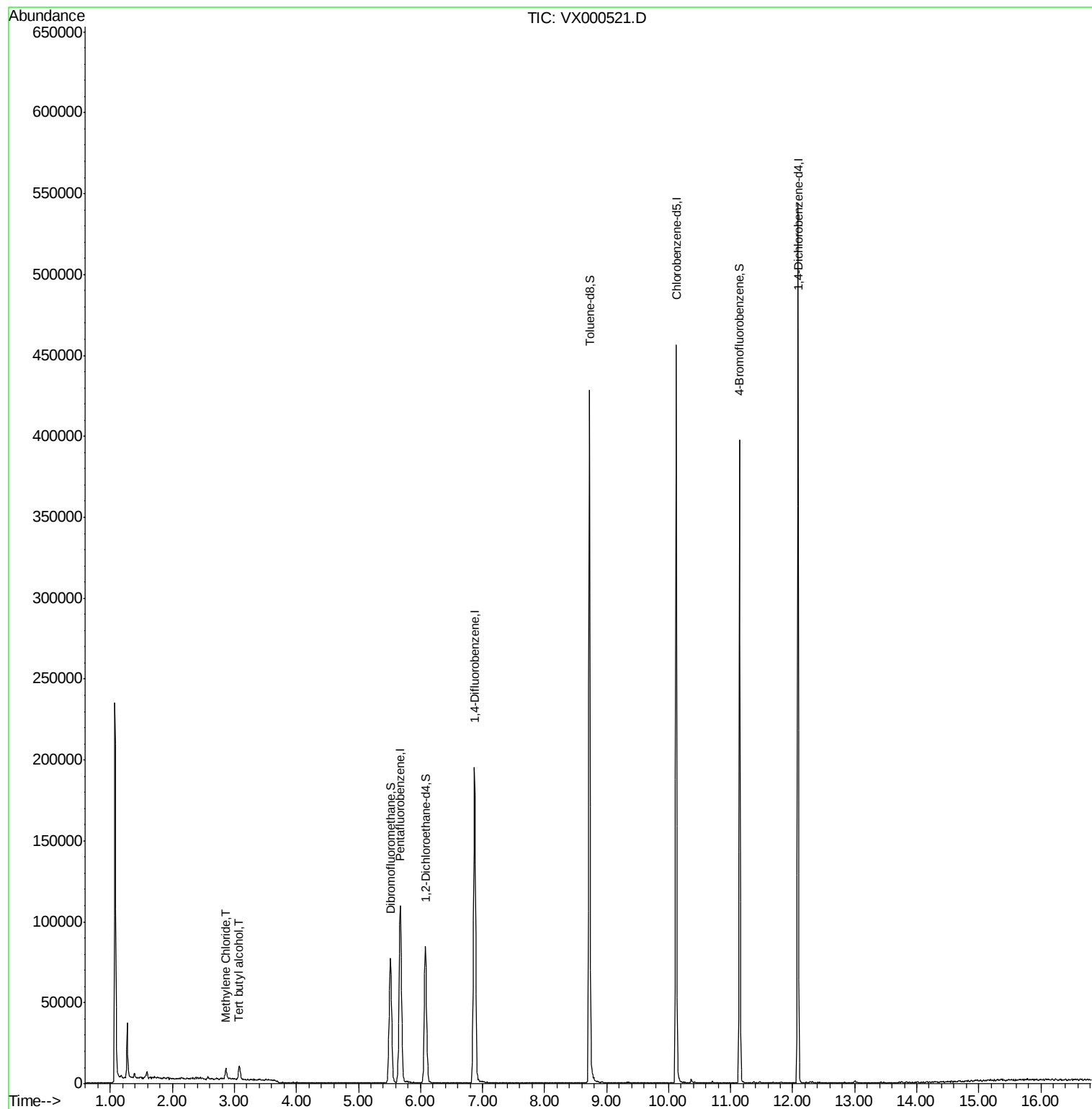
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	190642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	77200	57.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.00%	
35) Dibromofluoromethane	5.51	113	60899	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	8.73	98	248497	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.15	95	87721	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
Target Compounds						
11) Tert butyl alcohol	3.08	59	9863	21.17	ug/l	96
20) Methylene Chloride	2.87	84	2957	2.27	ug/l	91

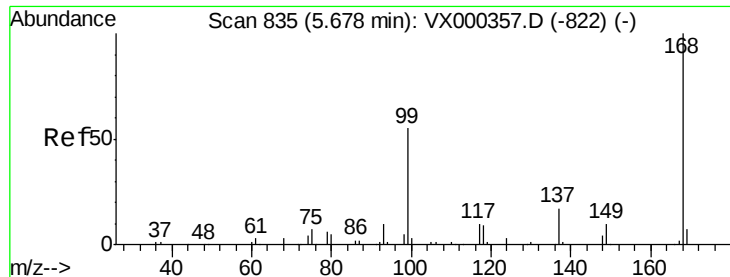
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000521.D

Acq: 29 Mar 2018 18:57

Instrument :

MSVOA_X

ClientSampleId :

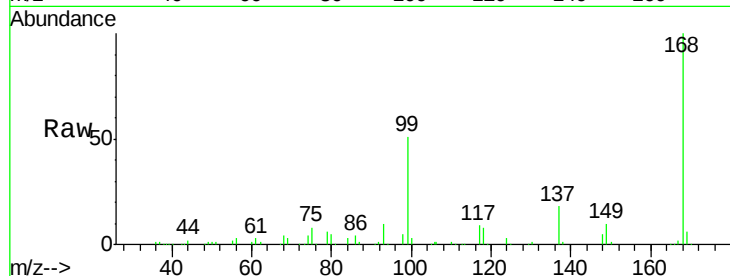
LIC-PY-TRIP-BLANK-3.26.18

Tot Ion:168 Resp: 103756

Ion Ratio Lower Upper

168 100

99 50.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

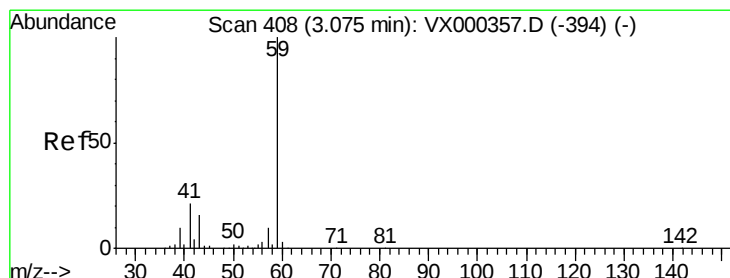
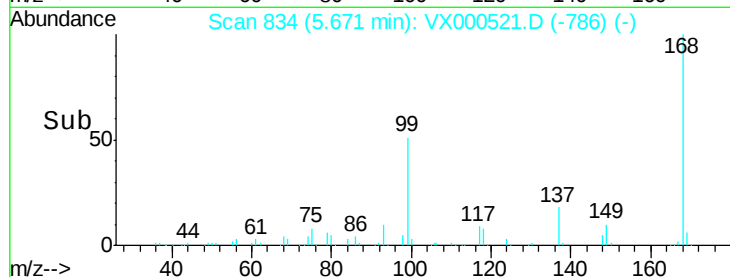
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 21.17 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX000521.D

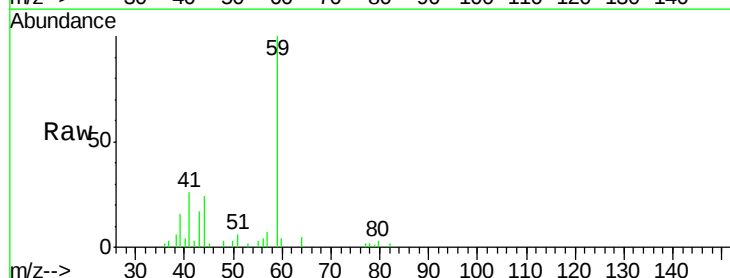
Acq: 29 Mar 2018 18:57

Tgt Ion: 59 Resp: 9863

Ion Ratio Lower Upper

59 100

57 12.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

5000

4000

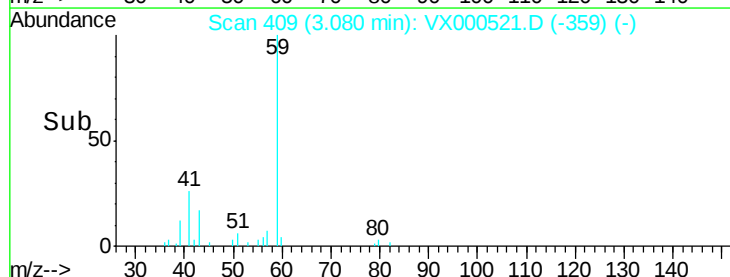
3000

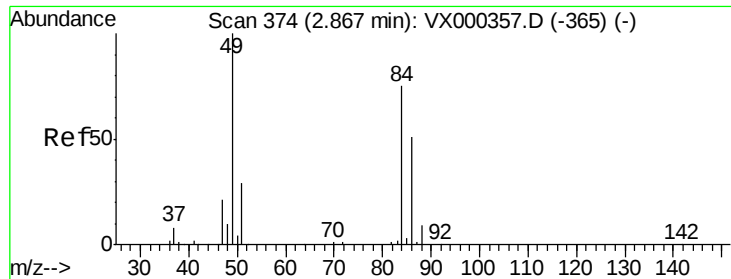
2000

1000

0

Time-->

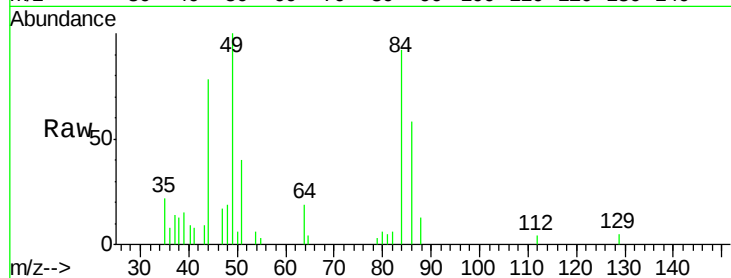




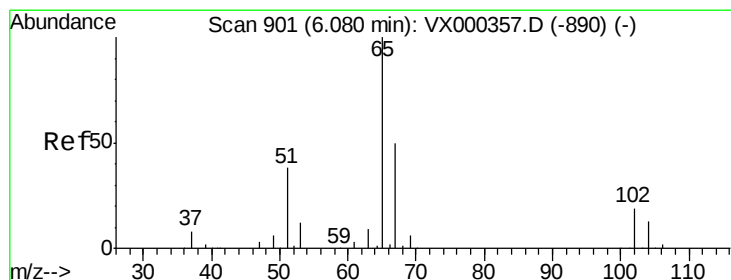
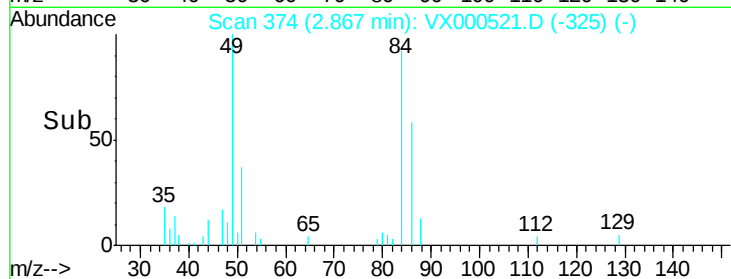
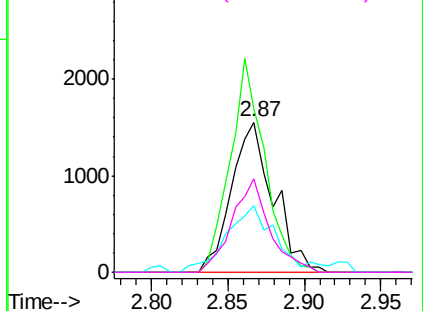
#20
Methylene Chloride
Concen: 2.27 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000521.D
Acq: 29 Mar 2018 18:57

Instrument :
MSVOA_X
ClientSampleId :
LIC-PY-TRIP-BLANK-3.26.18

Tot Ion:	84	Resp:	2957
Ion	Ratio	Lower	Upper
84	100		
49	109.1	100.6	151.0
51	39.4	31.6	47.4
86	62.8	52.6	78.8

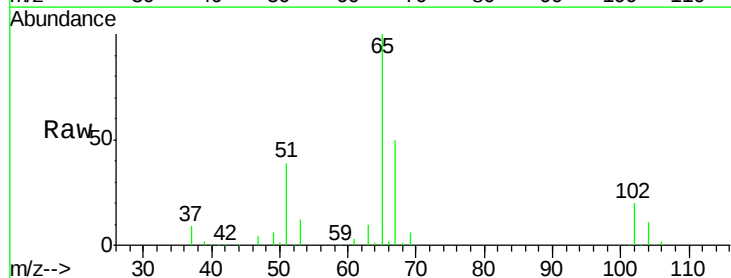


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

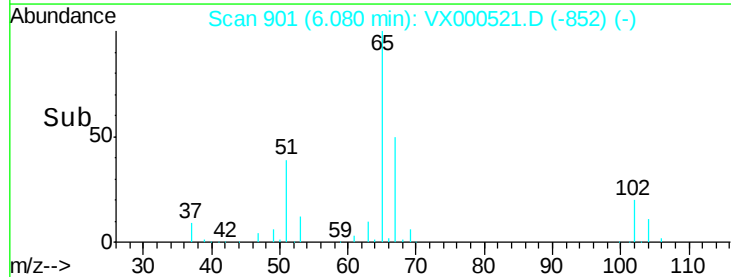
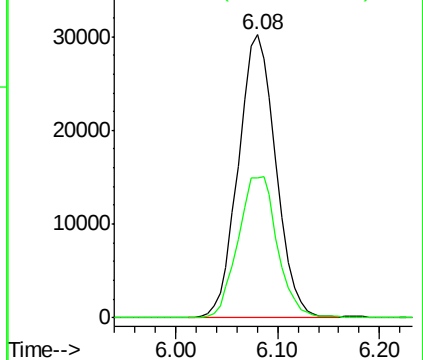


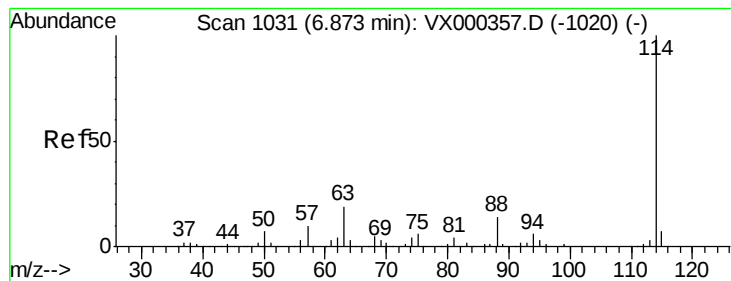
#33
1,2-Dichloroethane-d4
Concen: 57.00 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000521.D
Acq: 29 Mar 2018 18:57

Tgt Ion:	65	Resp:	77200
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.2



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# 1031

Delta R.T. -0.00 min

Lab File: VX000521.D

Acq: 29 Mar 2018 18:57

Instrument :

MSVOA_X

ClientSampleId :

LIC-PY-TRIP-BLANK-3.26.18

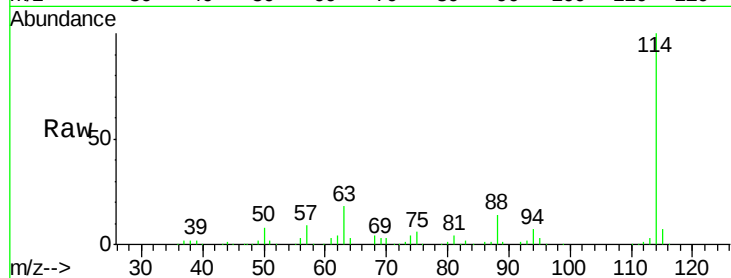
Tot Ion:114 Resp: 190642

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

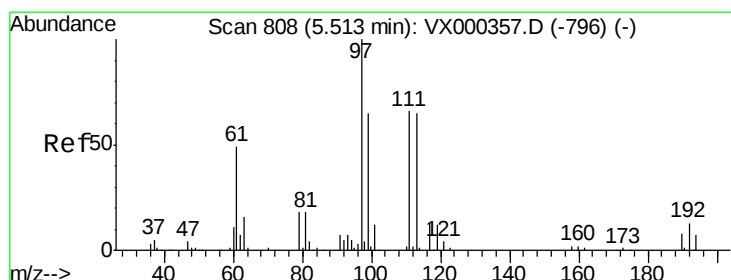
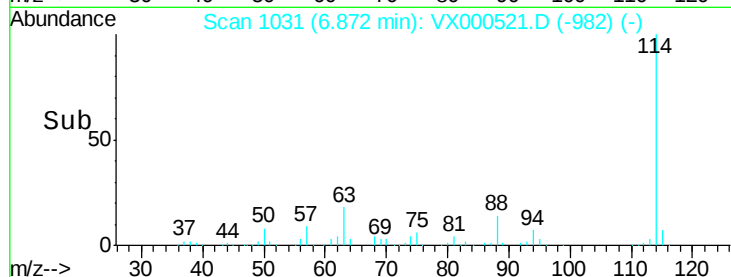
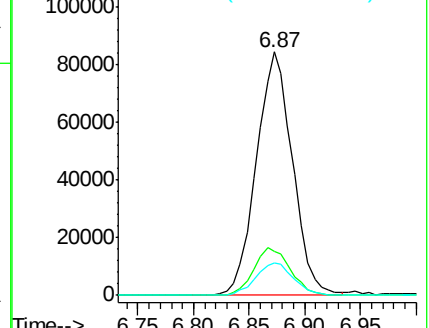
88 13.6 0.0 27.0



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: 50.70 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000521.D

Acq: 29 Mar 2018 18:57

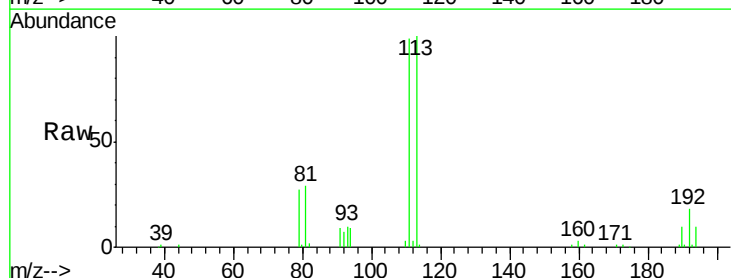
Tgt Ion:113 Resp: 60899

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

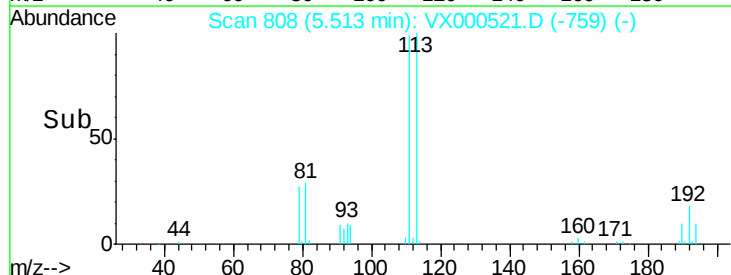
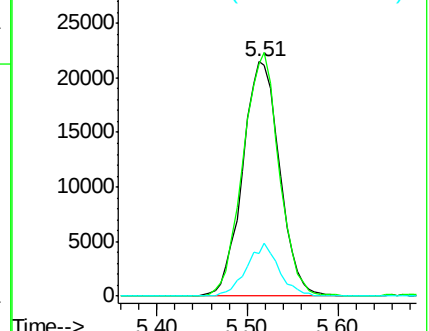
192 19.7 15.8 23.6

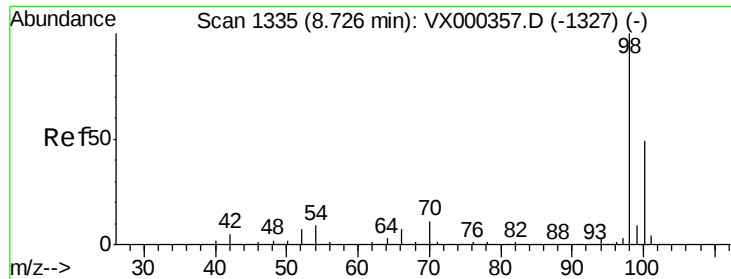


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.95 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000521.D

Acq: 29 Mar 2018 18:57

Instrument :

MSVOA_X

ClientSampleId :

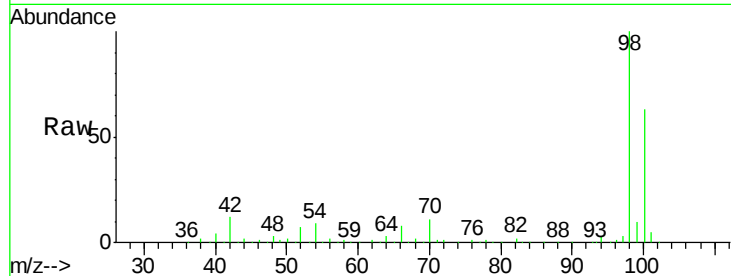
LIC-PY-TRIP-BLANK-3.26.18

Tot Ion: 98 Resp: 248497

Ion Ratio Lower Upper

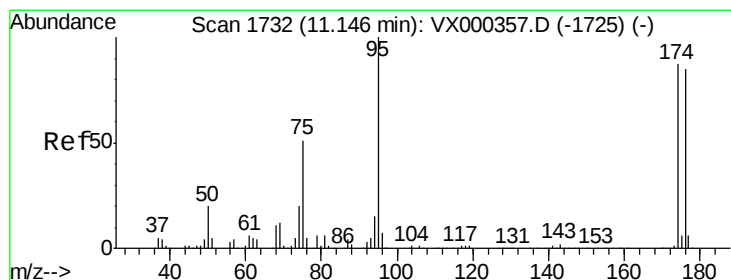
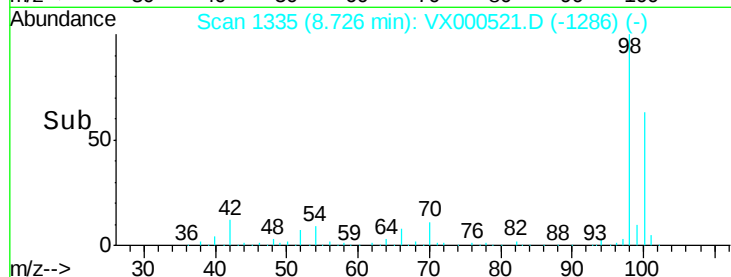
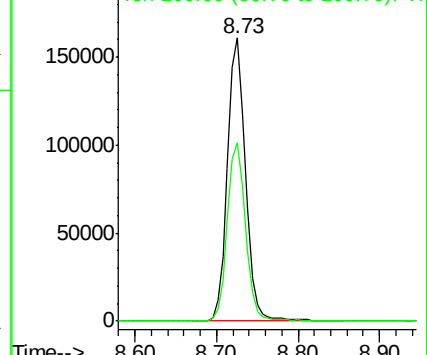
98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000521.D

Acq: 29 Mar 2018 18:57

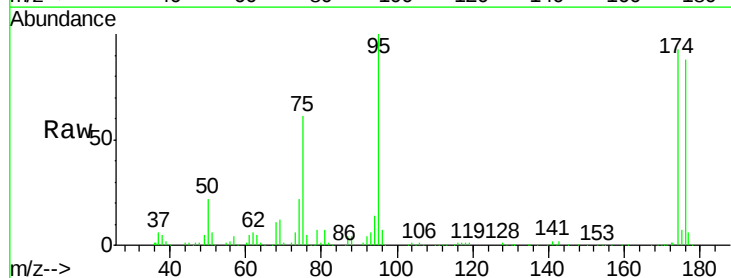
Tgt Ion: 95 Resp: 87721

Ion Ratio Lower Upper

95 100

174 90.0 0.0 173.6

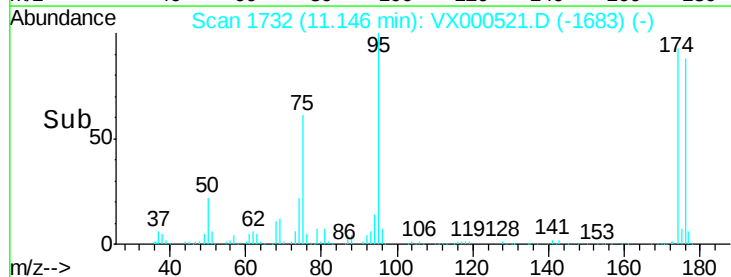
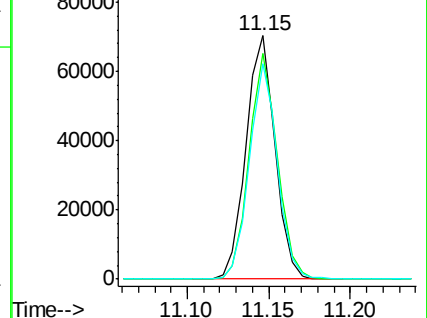
176 85.5 0.0 164.6

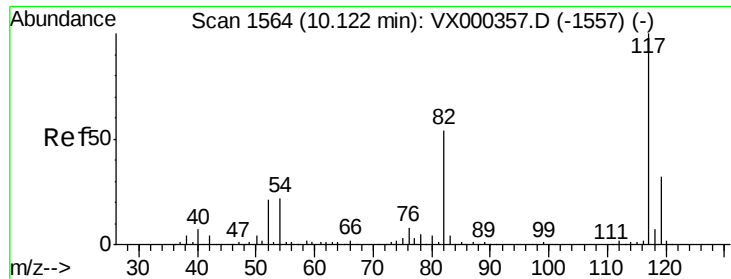


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

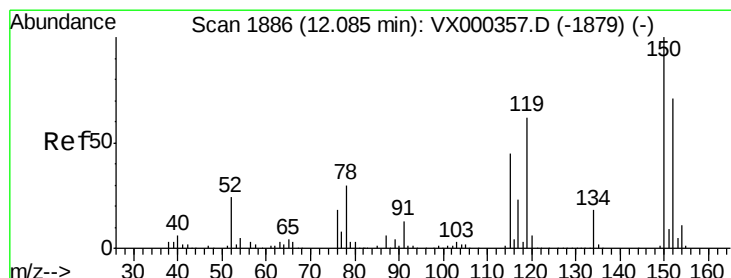
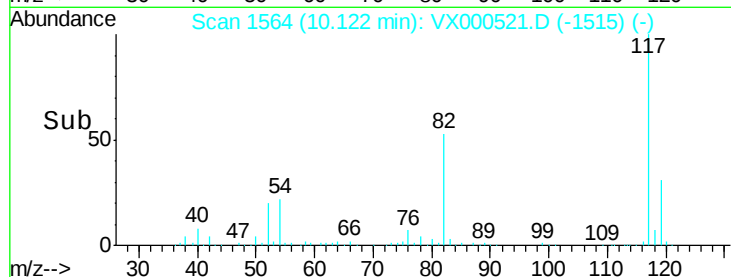
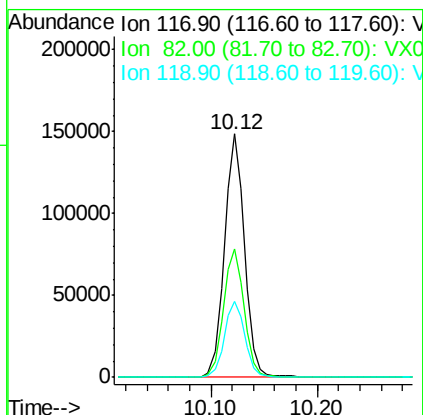
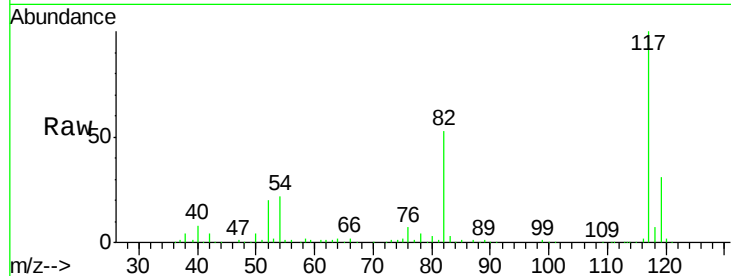




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000521.D
Acq: 29 Mar 2018 18:57

Instrument :
MSVOA_X
ClientSampleId :
LIC-PY-TRIP-BLANK-3.26.18

Tot Ion:117 Resp: 195705
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 30.9 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000521.D
Acq: 29 Mar 2018 18:57

Tgt Ion:152 Resp: 101837
Ion Ratio Lower Upper
152 100
115 57.7 39.8 119.3
150 157.2 0.0 344.4

