

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000654.D
 Acq On : 03 Apr 2018 15:09
 Operator : JC/MD
 Sample : J2137-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0318-S-TCLP-64-1

Quant Time: Apr 04 03:05:34 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

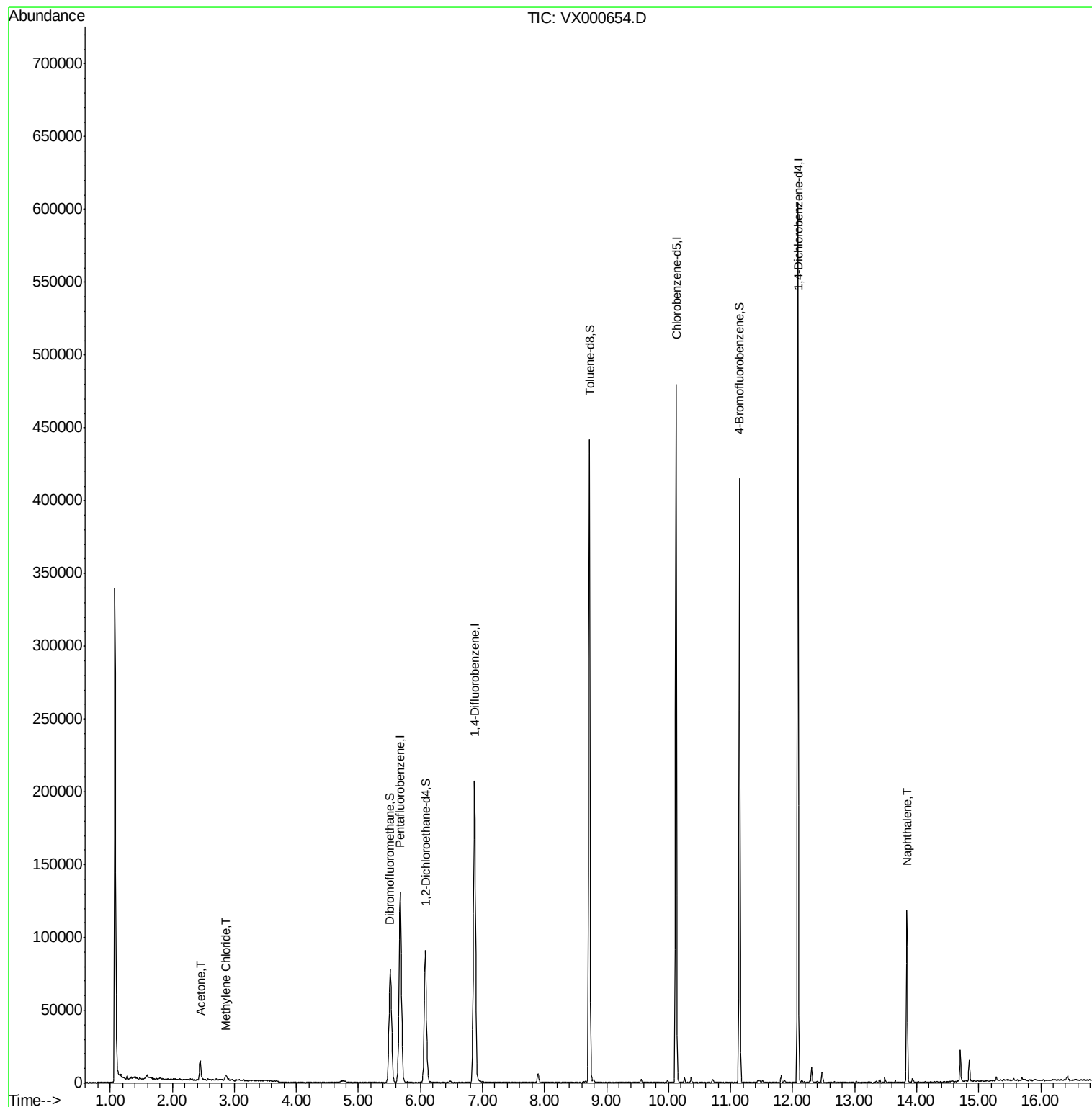
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	123452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	206554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	81693	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	62427	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.73	98	257842	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.15	95	90623	41.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.46%	
Target Compounds						
16) Acetone	2.45	43	14727	10.986	ug/l	99
20) Methylene Chloride	2.87	84	1830	1.182	ug/l #	77
95) Naphthalene	13.84	128	68142	7.403	ug/l	100

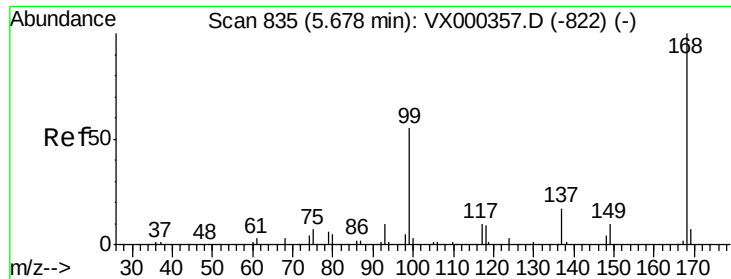
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000654.D

Acq: 03 Apr 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

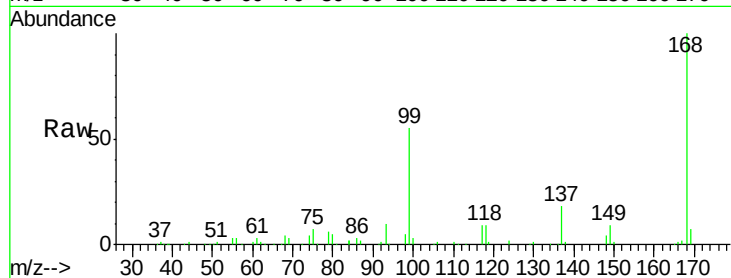
CB-0318-S-TCLP-64-1

Tgt Ion:168 Resp: 123452

Ion Ratio Lower Upper

168 100

99 55.2 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

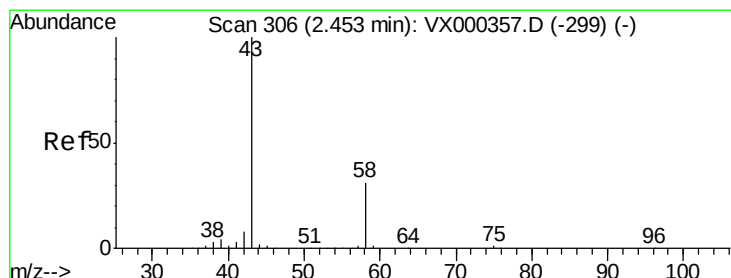
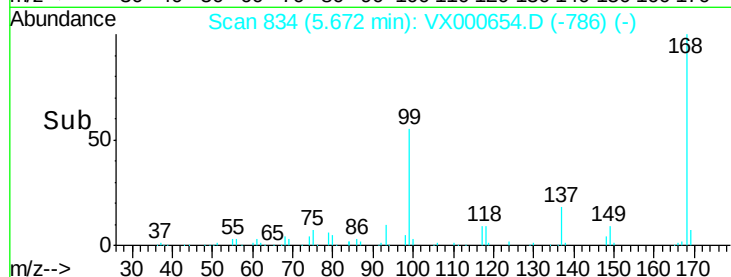
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 10.986 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000654.D

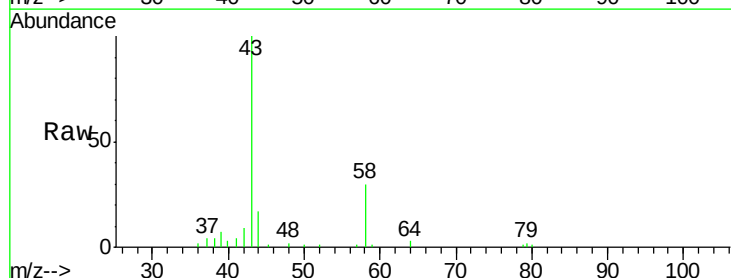
Acq: 03 Apr 2018 15:09

Tgt Ion: 43 Resp: 14727

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

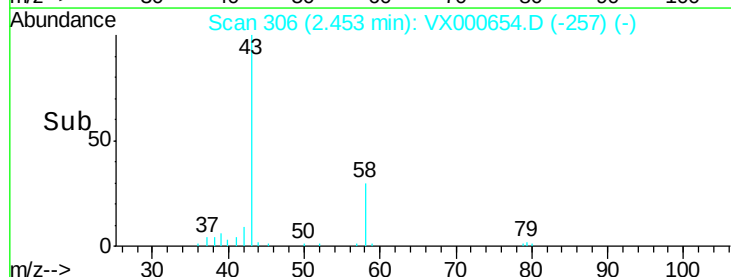
4000

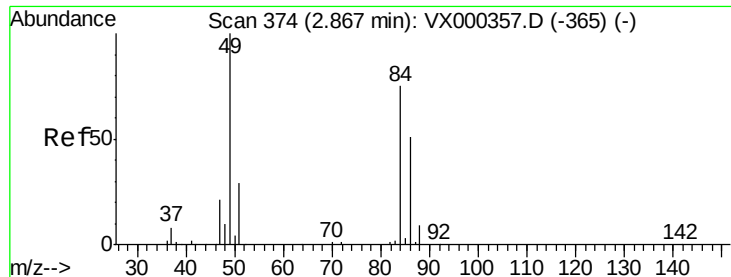
2000

0

2.35 2.40 2.45 2.50 2.55

Time-->





#20

Methylene Chloride

Concen: 1.182 ug/l

RT: 2.87 min Scan# 375

Delta R.T. 0.01 min

Lab File: VX000654.D

Acq: 03 Apr 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

CB-0318-S-TCLP-64-1

Tgt Ion: 84 Resp: 1830

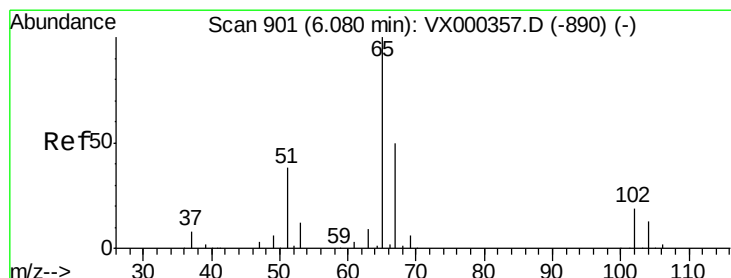
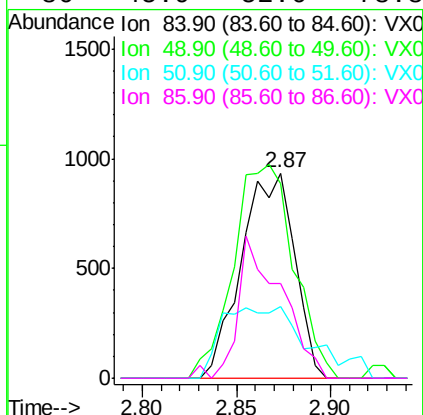
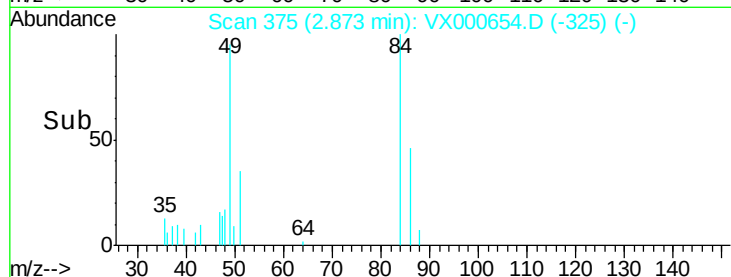
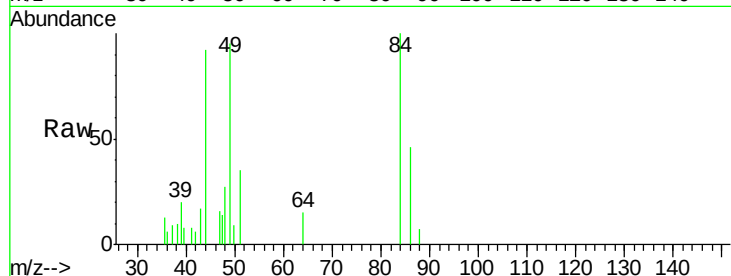
Ion Ratio Lower Upper

84 100

49 94.7 100.6 151.0#

51 35.0 31.6 47.4

86 45.9 52.6 78.8#



#33

1,2-Dichloroethane-d4

Concen: 50.694 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000654.D

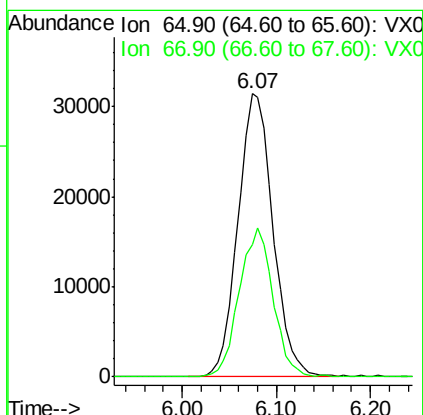
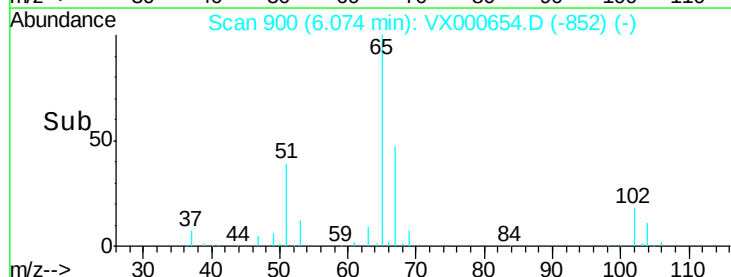
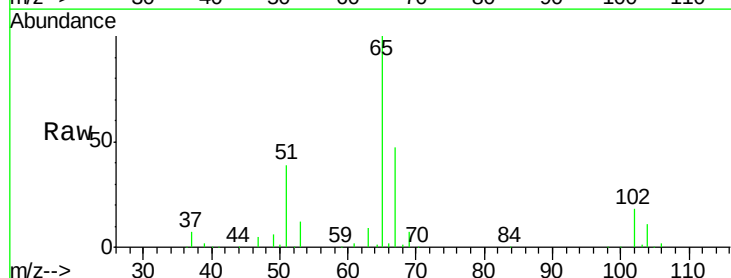
Acq: 03 Apr 2018 15:09

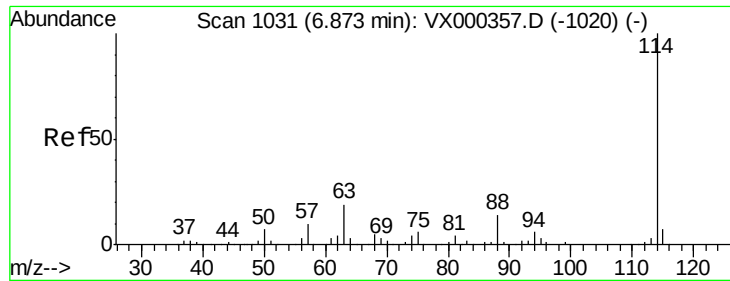
Tgt Ion: 65 Resp: 81693

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2

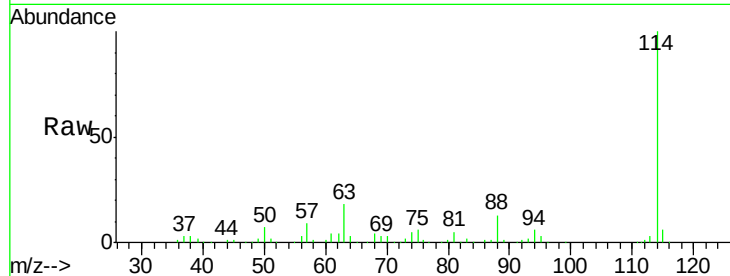




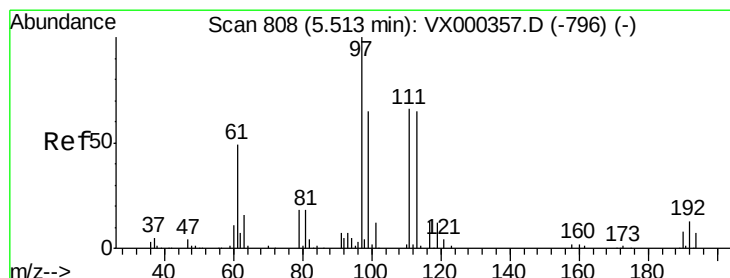
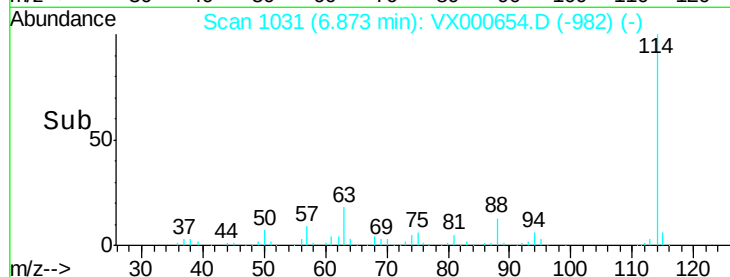
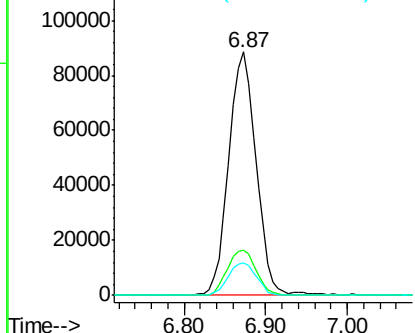
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000654.D
 Acq: 03 Apr 2018 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0318-S-TCLP-64-1

Tgt Ion:114 Resp: 205510
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 13.2 0.0 27.0

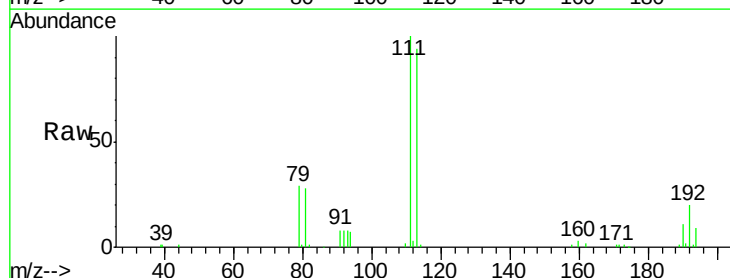


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

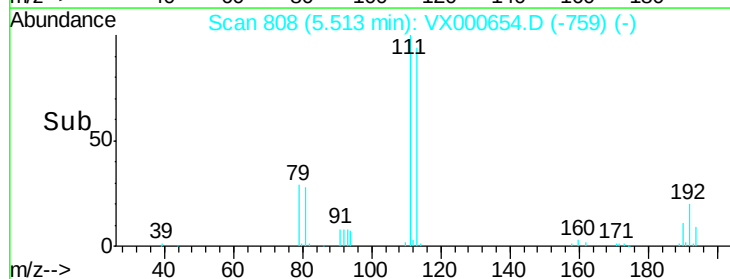
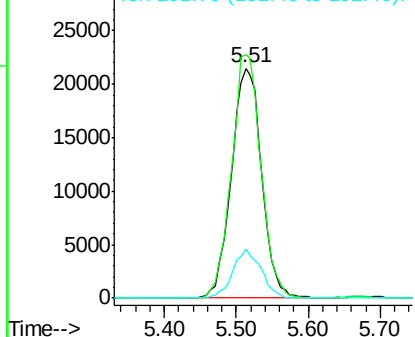


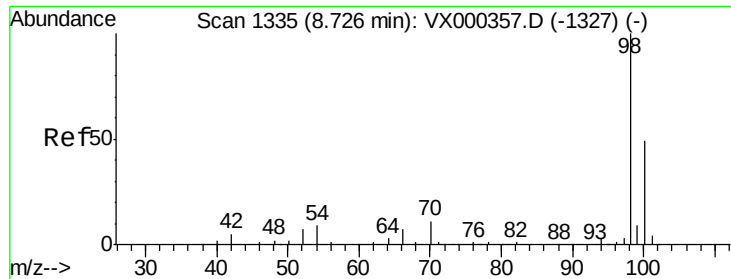
#35
 Dibromofluoromethane
 Concen: 48.210 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000654.D
 Acq: 03 Apr 2018 15:09

Tgt Ion:113 Resp: 62427
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 20.0 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: 48.078 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000654.D

Acq: 03 Apr 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

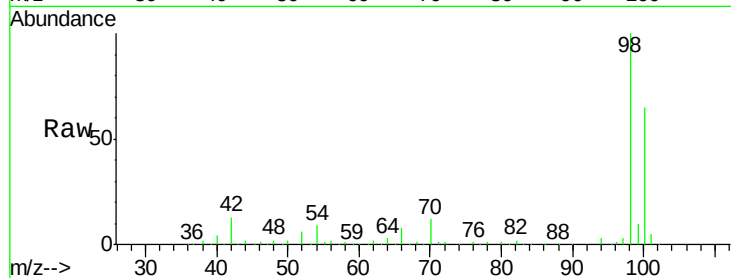
CB-0318-S-TCLP-64-1

Tgt Ion: 98 Resp: 257842

Ion Ratio Lower Upper

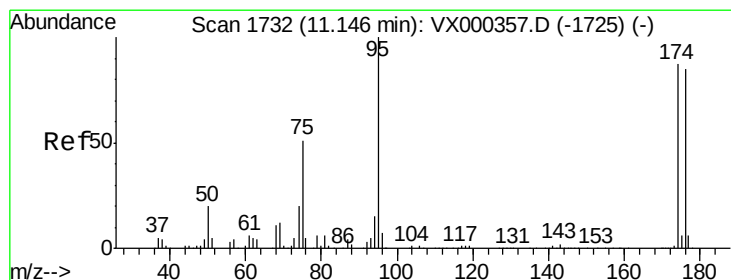
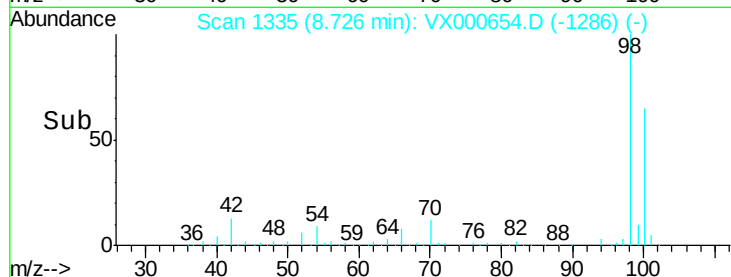
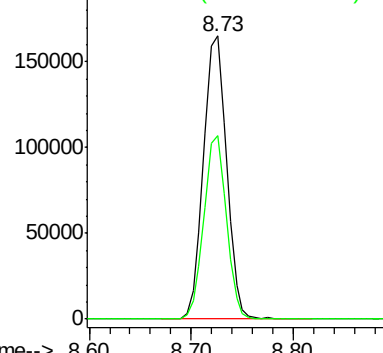
98 100

100 63.2 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: 41.225 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000654.D

Acq: 03 Apr 2018 15:09

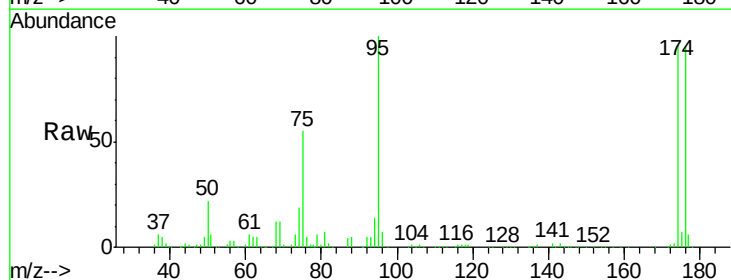
Tgt Ion: 95 Resp: 90623

Ion Ratio Lower Upper

95 100

174 93.2 0.0 173.6

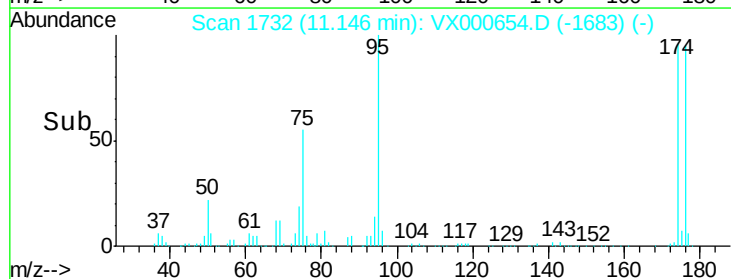
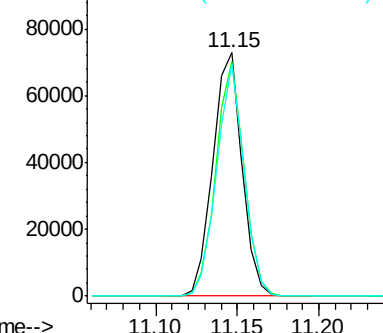
176 90.0 0.0 164.6

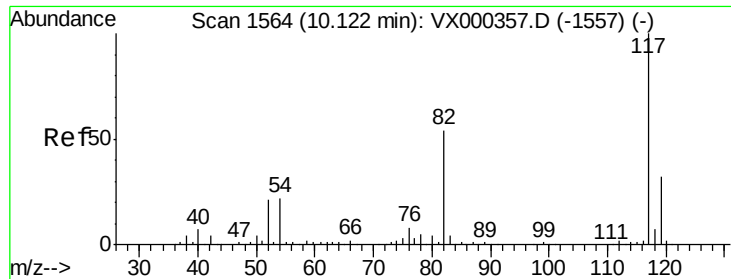


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

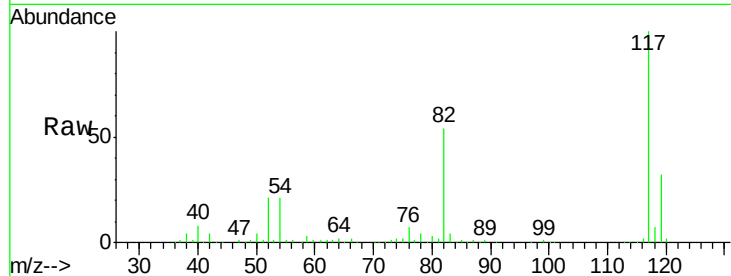




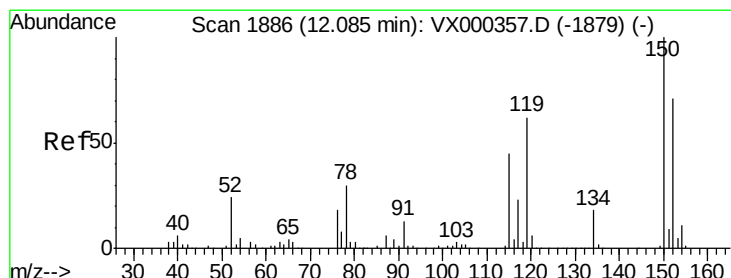
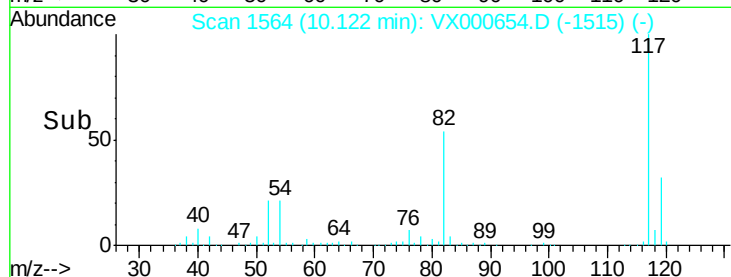
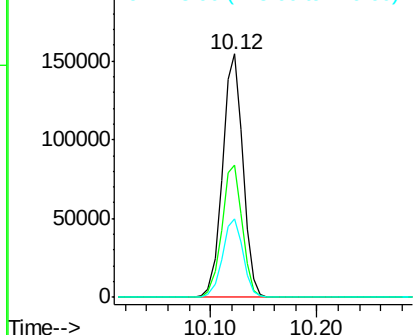
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000654.D
Acq: 03 Apr 2018 15:09

Instrument :
MSVOA_X
ClientSampleId :
CB-0318-S-TCLP-64-1

Tgt Ion:117 Resp: 206554
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 32.1 24.9 37.3

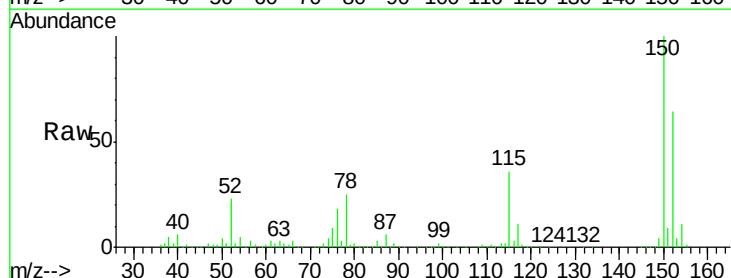


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

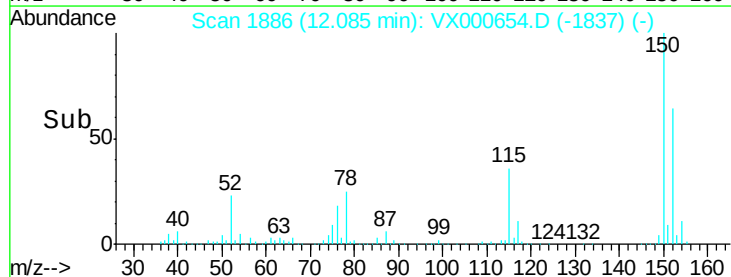
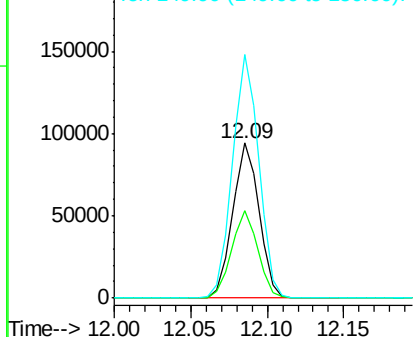


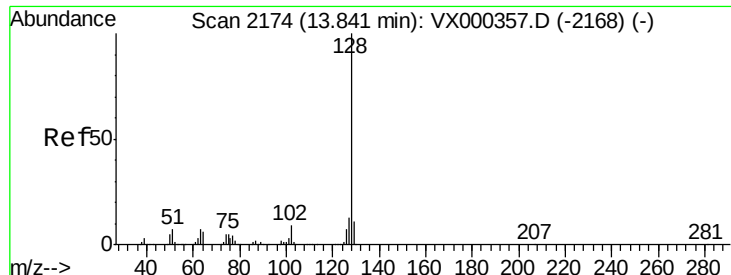
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000654.D
Acq: 03 Apr 2018 15:09

Tgt Ion:152 Resp: 112646
Ion Ratio Lower Upper
152 100
115 56.1 39.8 119.3
150 156.3 0.0 344.4



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

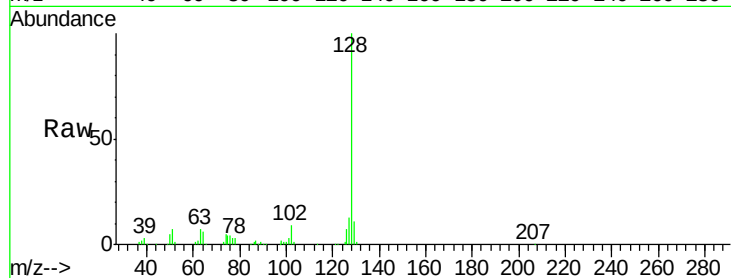




#95
Naphthalene
Concen: 7.403 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000654.D
Acq: 03 Apr 2018 15:09

Instrument :
MSVOA_X
ClientSampleId :
CB-0318-S-TCLP-64-1

Tgt Ion:128 Resp: 68142
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.9 13.3



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

