

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000385.D
 Acq On : 21 Mar 2018 15:12
 Operator : JC/MD
 Sample : J1997-24 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLAB-CONCRETE-A

Quant Time: Mar 22 06:53:47 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

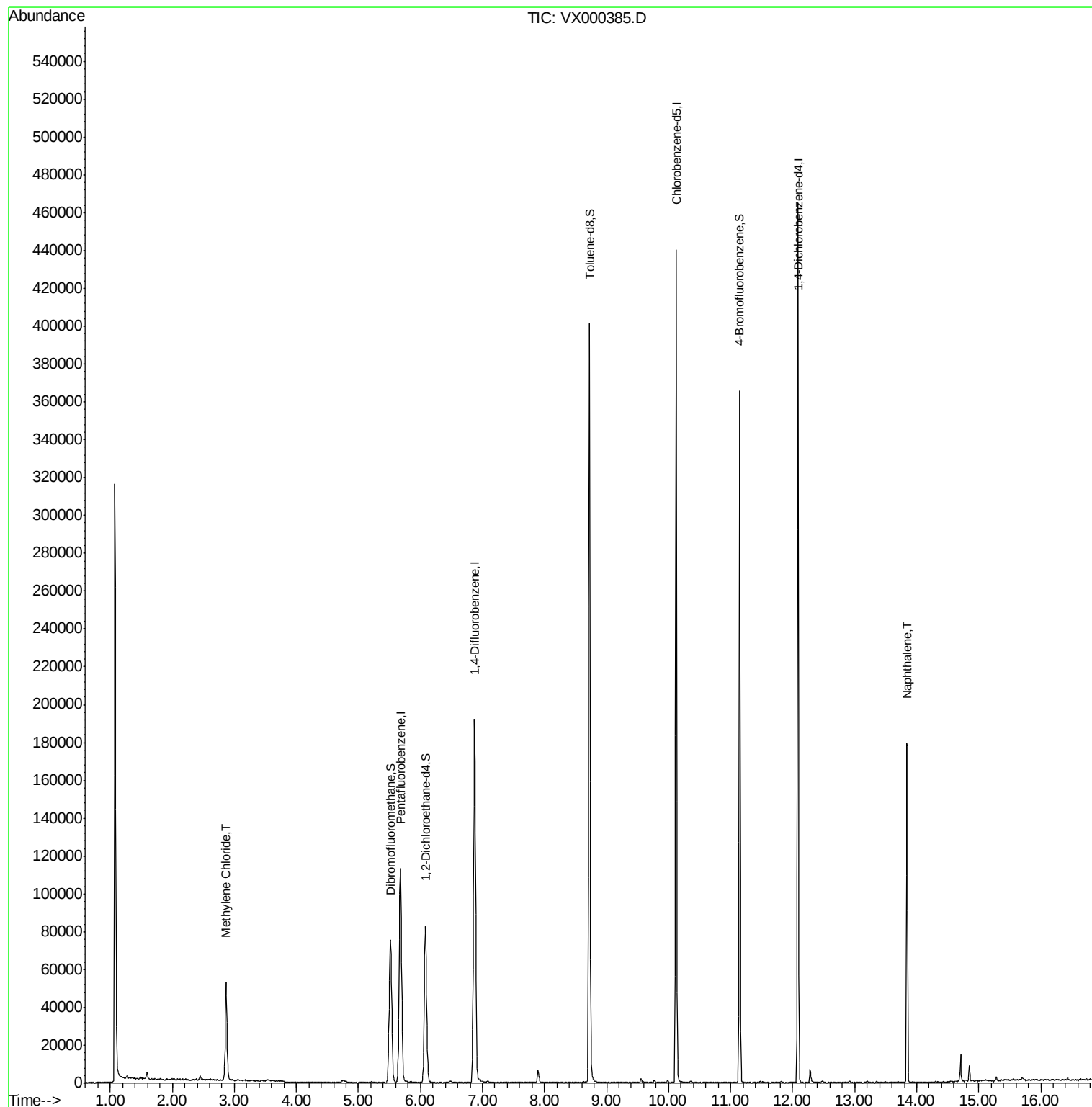
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	109117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	77347	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	5.52	113	59266	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.73	98	237463	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.15	95	80400	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.18%	
Target Compounds						
20) Methylene Chloride	2.87	84	22387	16.36	ug/l	94
95) Naphthalene	13.85	128	109999	15.45	ug/l	99

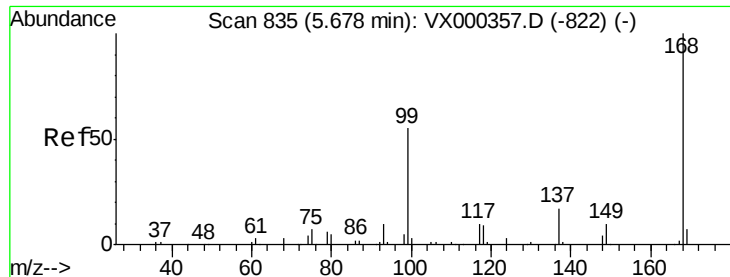
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

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MSVOA_X

ClientSampleId :

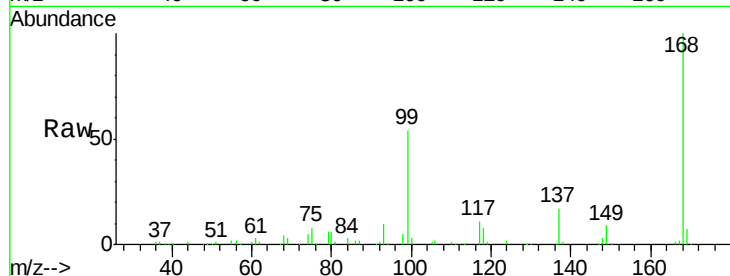
SLAB-CONCRETE-A

Tot Ion:168 Resp: 109117

Ion Ratio Lower Upper

168 100

99 54.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

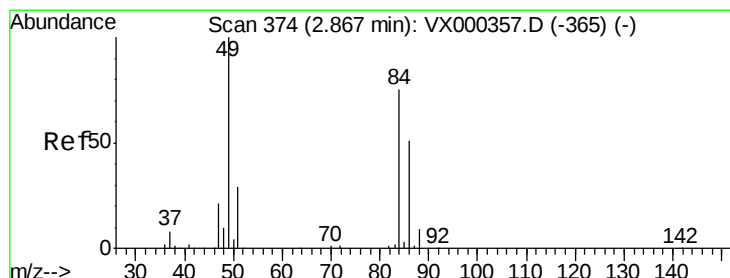
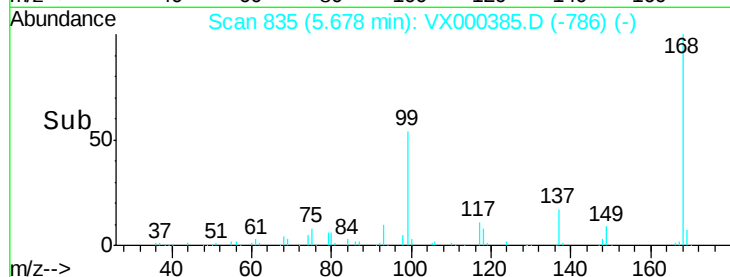
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 16.36 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

Tgt Ion: 84 Resp: 22387

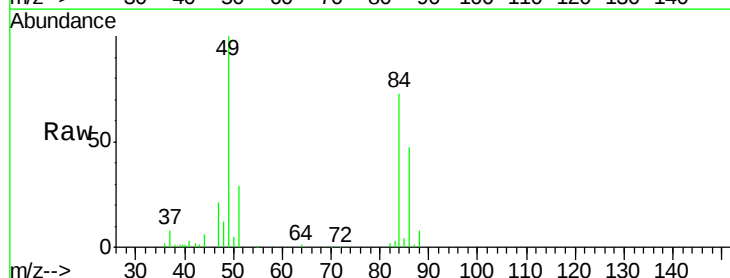
Ion Ratio Lower Upper

84 100

49 137.6 100.6 151.0

51 40.5 31.6 47.4

86 65.2 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

25000

20000

15000

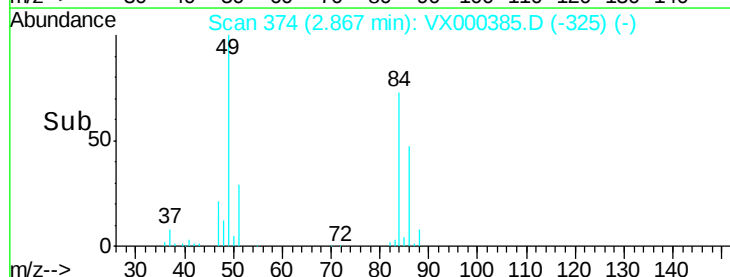
10000

5000

0

Time-->

2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 54.30 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

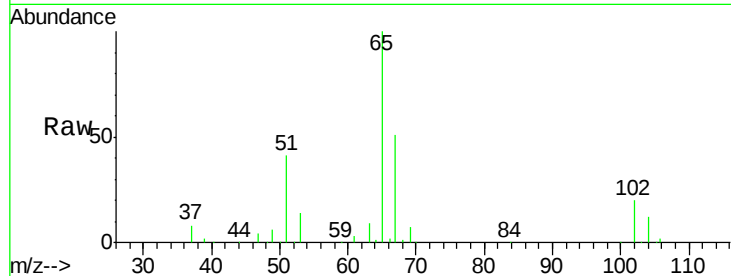
SLAB-CONCRETE-A

Tot Ion: 65 Resp: 77347

Ion Ratio Lower Upper

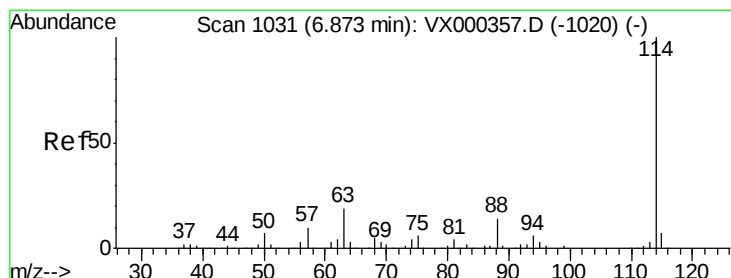
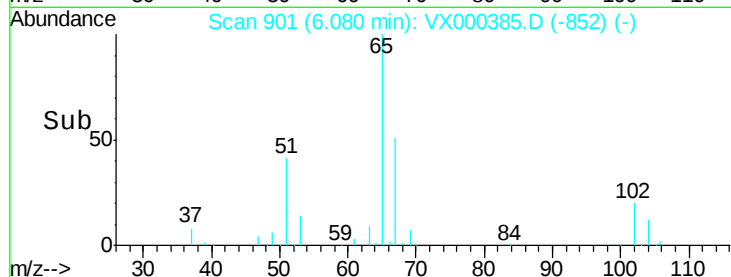
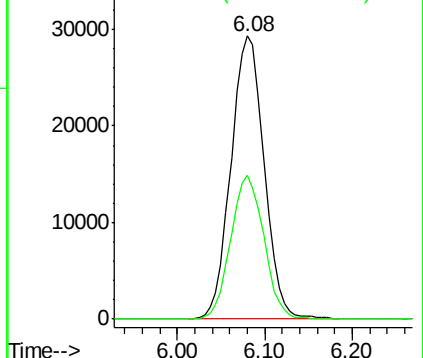
65 100

67 50.8 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: VX000385.D

Acq: 21 Mar 2018 15:12

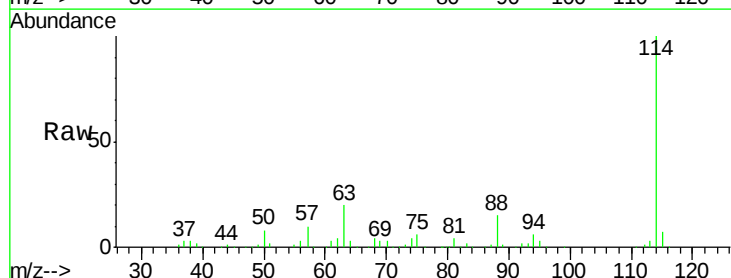
Tgt Ion: 114 Resp: 188423

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

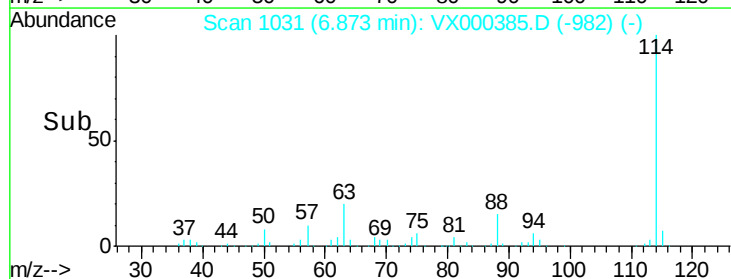
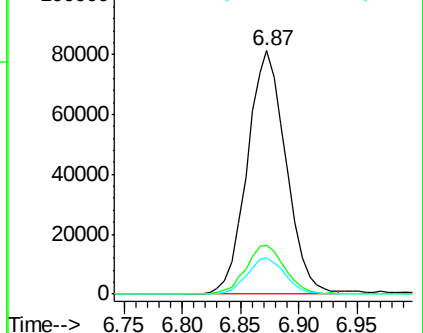
88 14.7 0.0 27.0

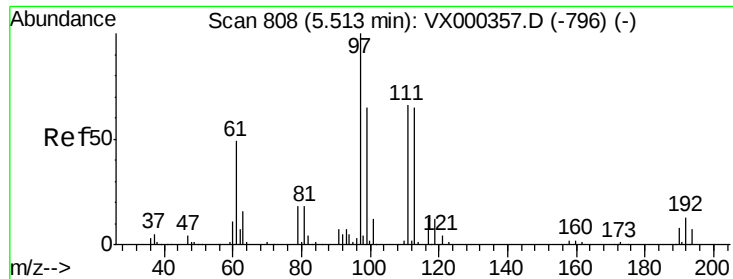


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

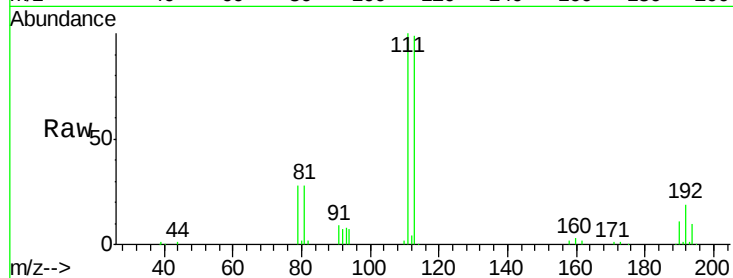




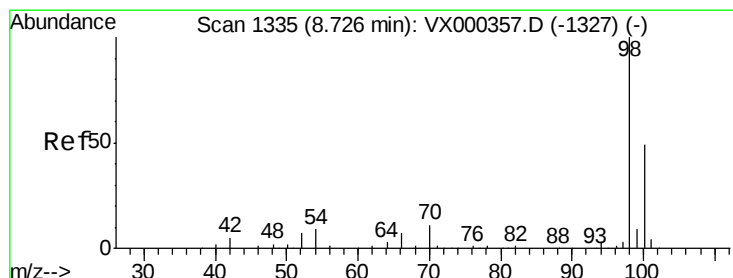
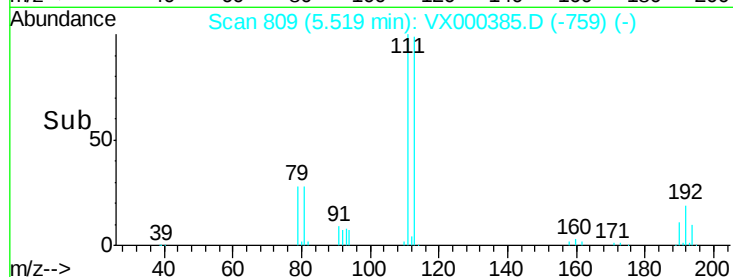
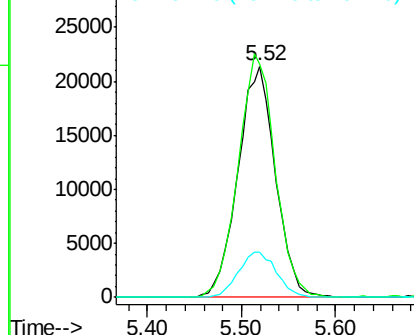
#35
 Dibromofluoromethane
 Concen: 49.92 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000385.D
 Acq: 21 Mar 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SLAB-CONCRETE-A

Tot Ion:113 Resp: 59266
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.4 123.6
 192 20.0 15.8 23.6

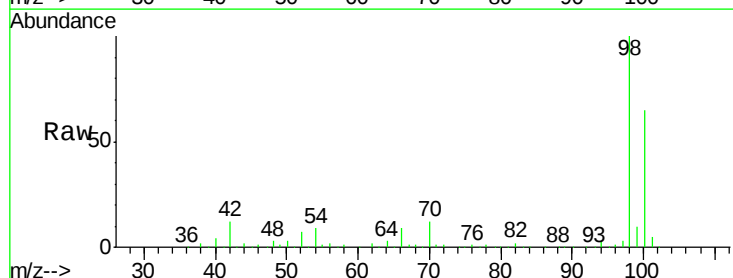


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

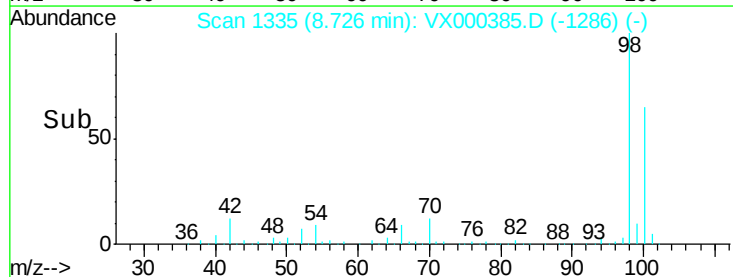
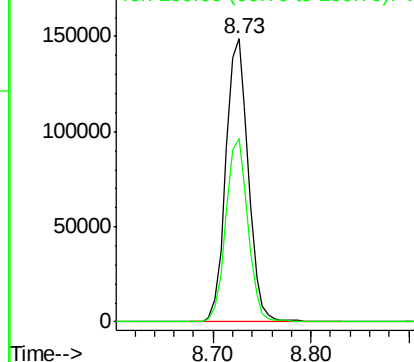


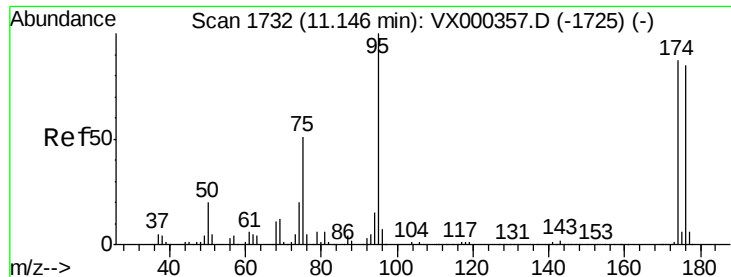
#50
 Toluene-d8
 Concen: 48.29 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000385.D
 Acq: 21 Mar 2018 15:12

Tgt Ion: 98 Resp: 237463
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

SLAB-CONCRETE-A

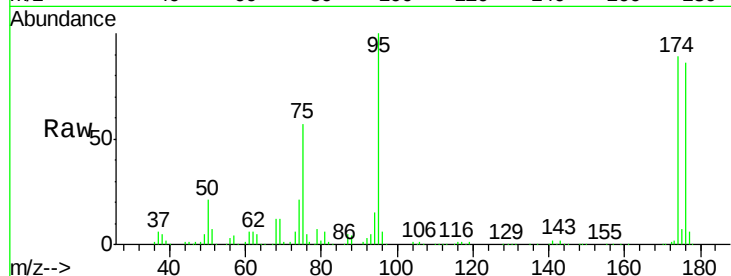
Tot Ion: 95 Resp: 80400

Ion Ratio Lower Upper

95 100

174 89.7 0.0 173.6

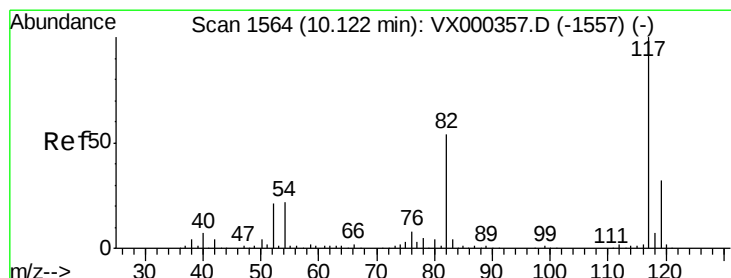
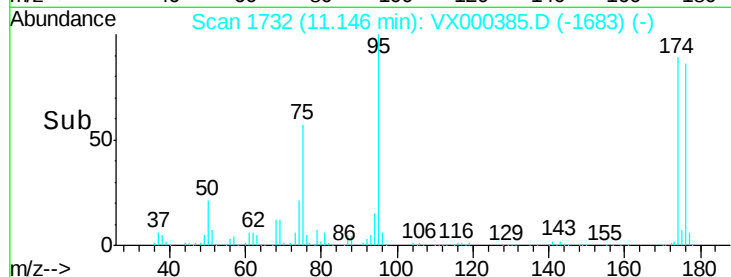
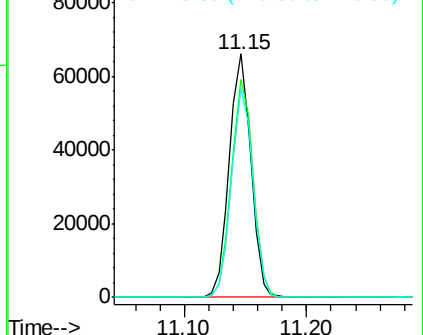
176 85.2 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000385.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000385.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000385.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

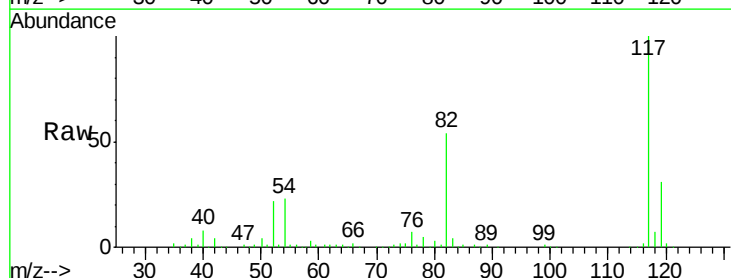
Tgt Ion: 117 Resp: 181794

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

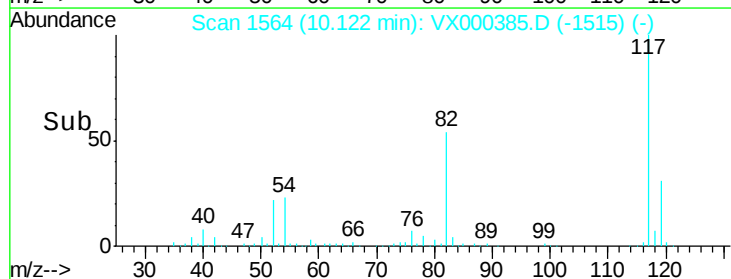
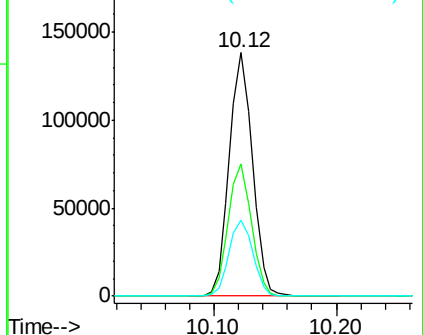
119 31.4 24.9 37.3

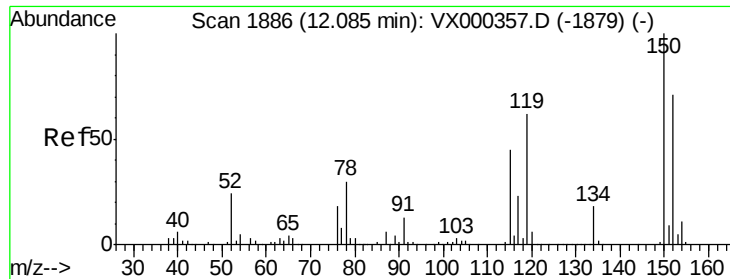


Abundance Ion 116.90 (116.60 to 117.60): VX000385.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000385.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000385.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

SLAB-CONCRETE-A

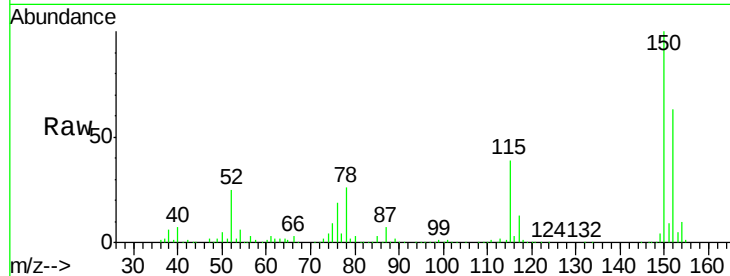
Tot Ion:152 Resp: 87116

Ion Ratio Lower Upper

152 100

115 56.4 39.8 119.3

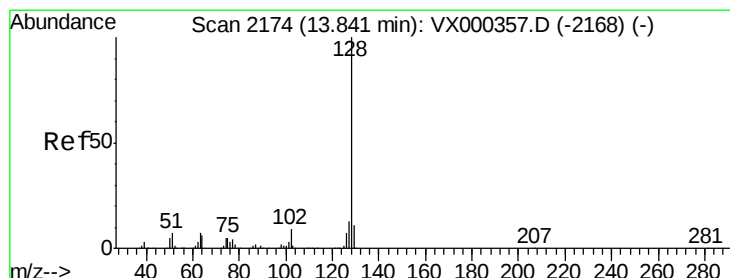
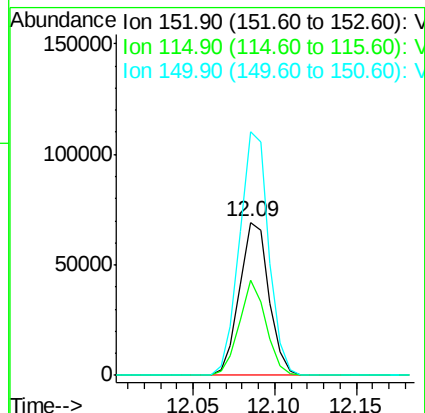
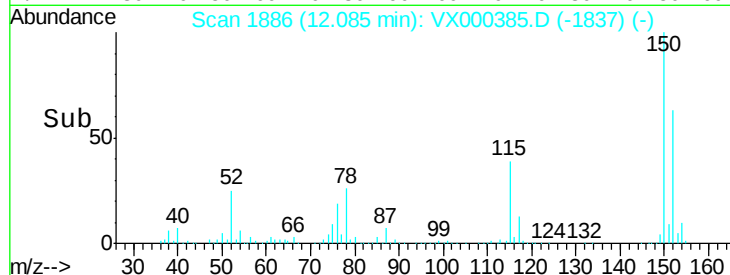
150 158.1 0.0 344.4



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: 15.45 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000385.D

Acq: 21 Mar 2018 15:12

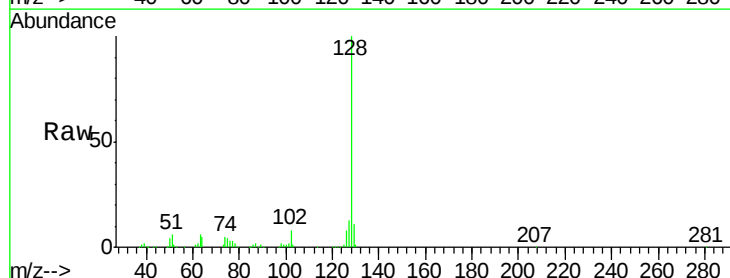
Tgt Ion:128 Resp: 109999

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.7 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

