

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000652.D
 Acq On : 03 Apr 2018 14:18
 Operator : JC/MD
 Sample : J2185-08 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

Quant Time: Apr 04 03:00:05 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

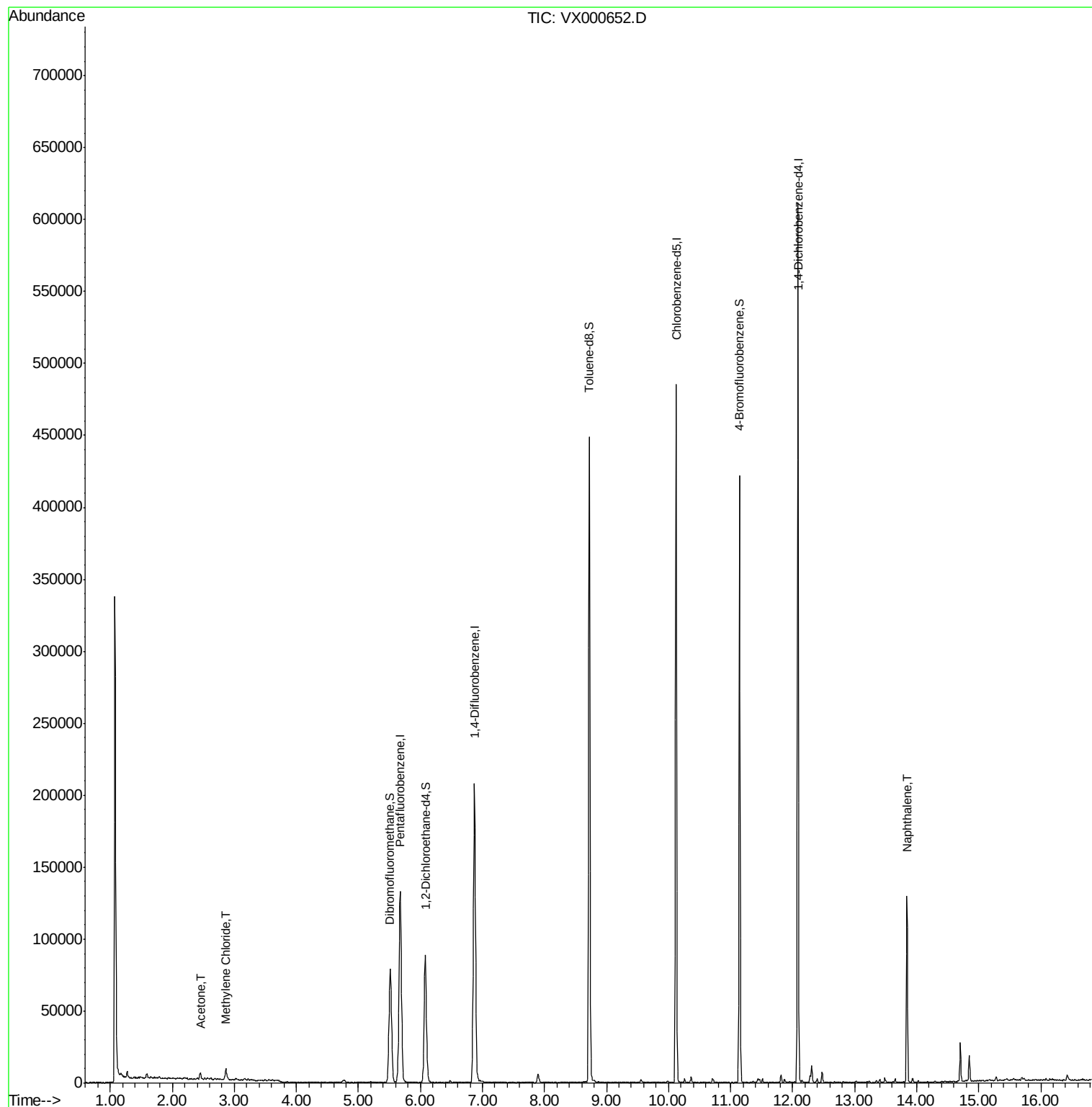
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	127505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	206621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81238	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.51	113	63033	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.72	98	260101	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.15	95	91471	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
Target Compounds						
16) Acetone	2.45	43	5078	3.668	ug/l	95
20) Methylene Chloride	2.87	84	3351	2.095	ug/l #	86
95) Naphthalene	13.84	128	75848	8.288	ug/l	99

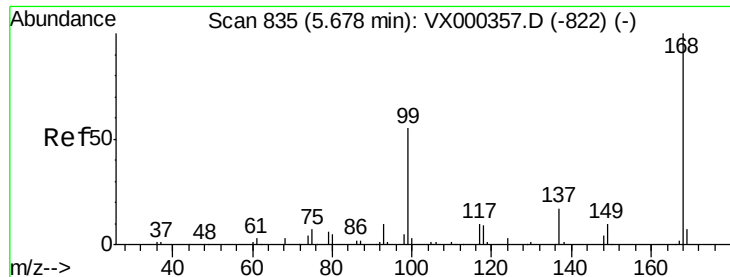
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000652.D

Acq: 03 Apr 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

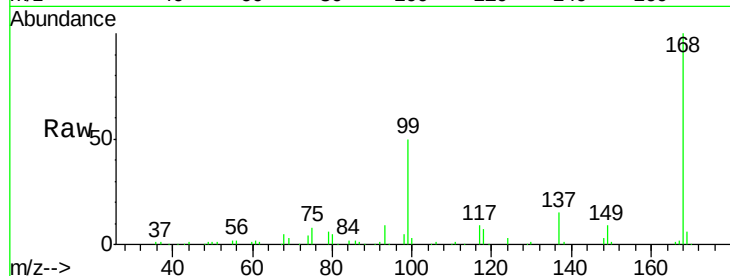
LOWER-CONCRETE-SLAB-1

Tgt Ion:168 Resp: 127505

Ion Ratio Lower Upper

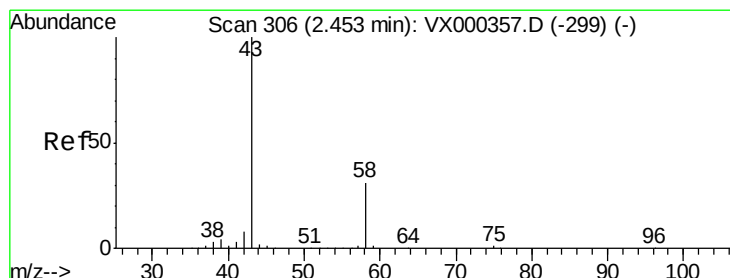
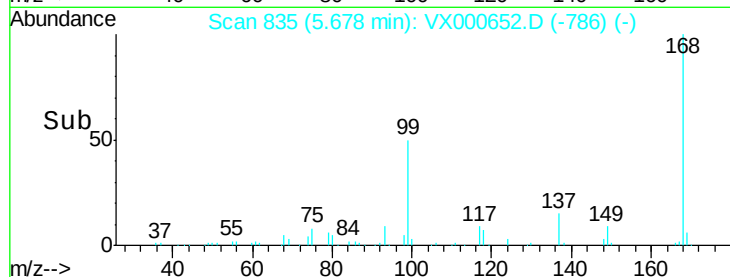
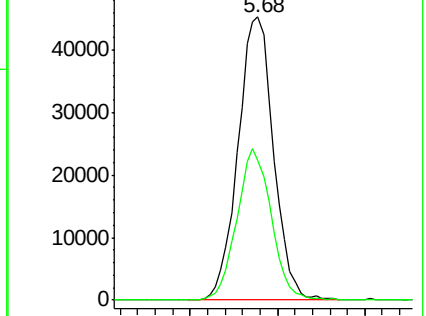
168 100

99 49.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.668 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000652.D

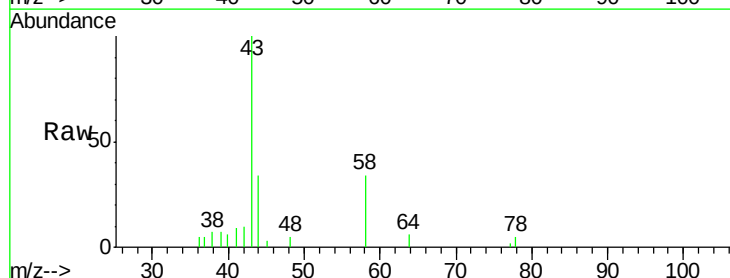
Acq: 03 Apr 2018 14:18

Tgt Ion: 43 Resp: 5078

Ion Ratio Lower Upper

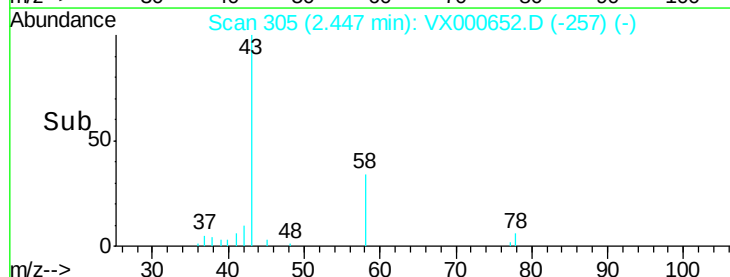
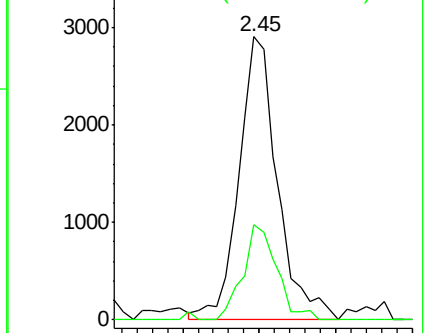
43 100

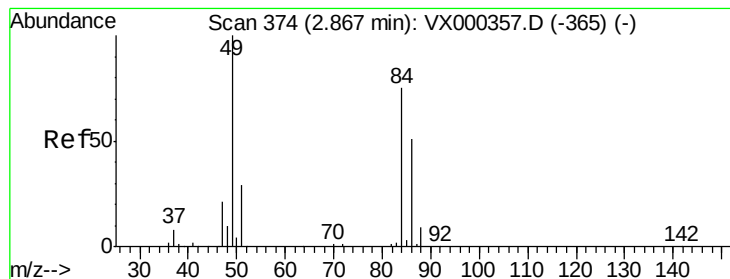
58 33.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 2.095 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000652.D

Acq: 03 Apr 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

LOWER-CONCRETE-SLAB-1

Tgt Ion: 84 Resp: 3351

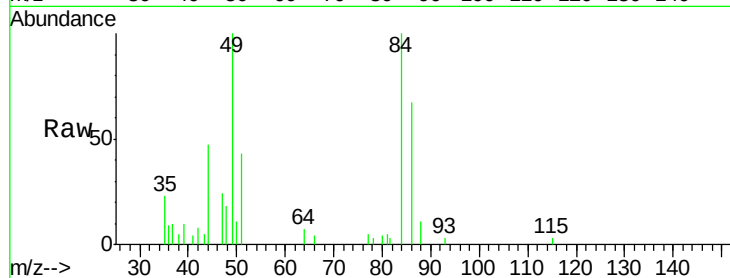
Ion Ratio Lower Upper

84 100

49 99.5 100.6 151.0#

51 43.0 31.6 47.4

86 66.6 52.6 78.8

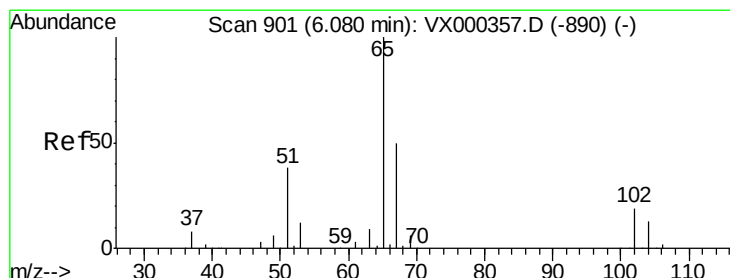
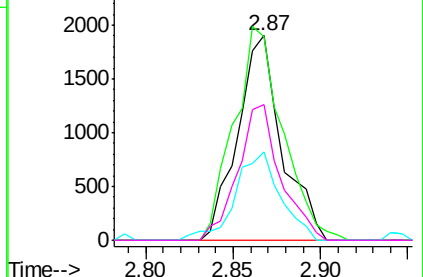
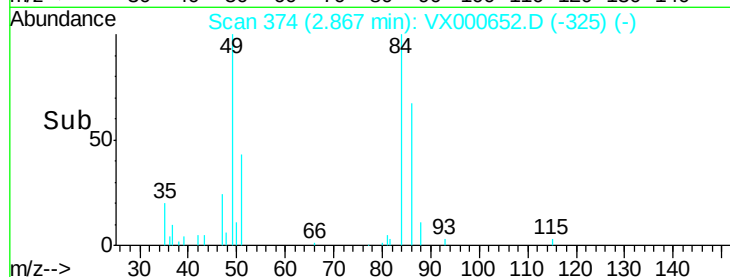


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 48.810 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000652.D

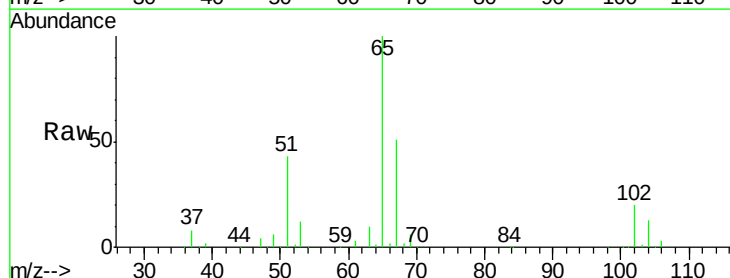
Acq: 03 Apr 2018 14:18

Tgt Ion: 65 Resp: 81238

Ion Ratio Lower Upper

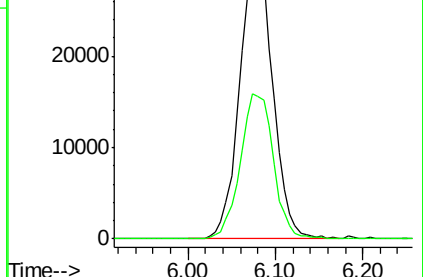
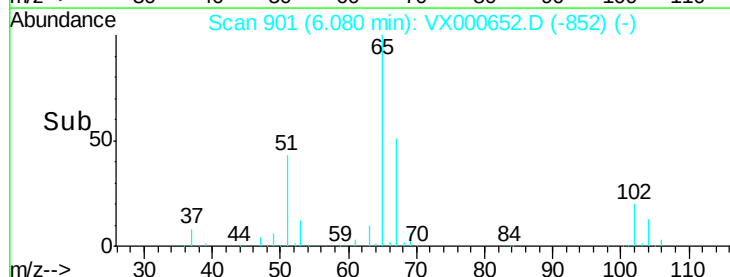
65 100

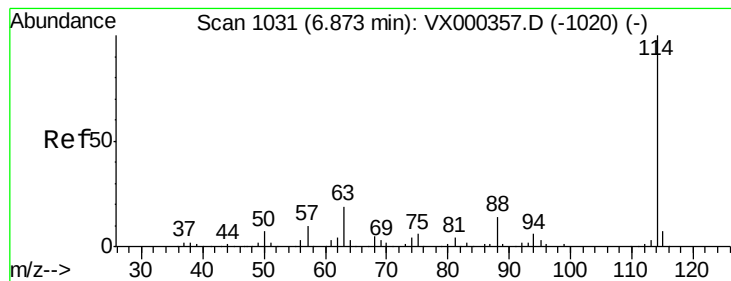
67 51.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000652.D

Acq: 03 Apr 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

LOWER-CONCRETE-SLAB-1

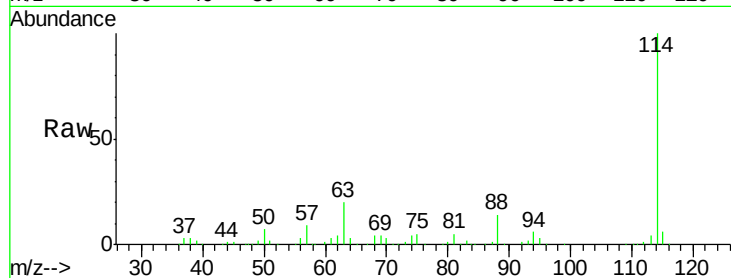
Tgt Ion:114 Resp: 206621

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

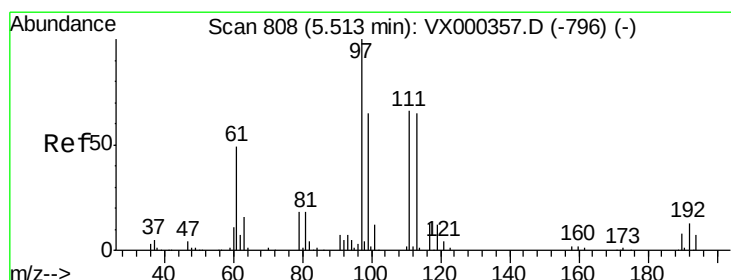
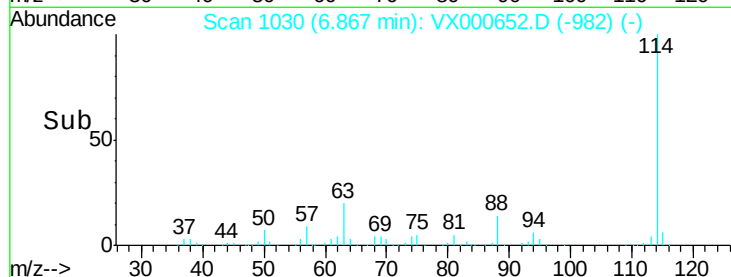
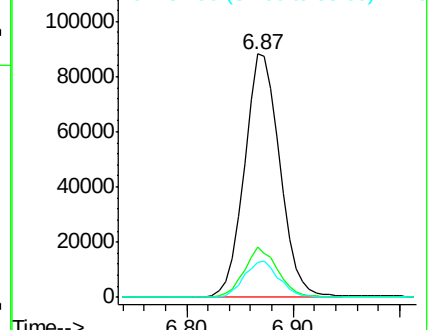
88 14.4 0.0 27.0



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: 48.416 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000652.D

Acq: 03 Apr 2018 14:18

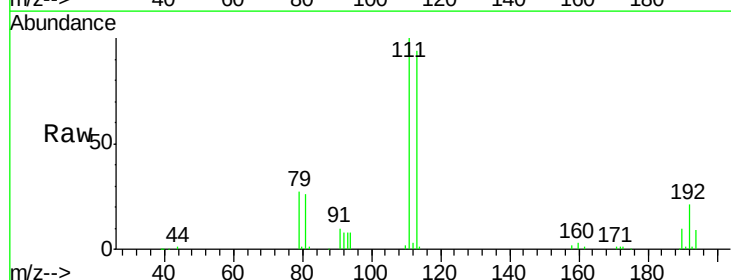
Tgt Ion:113 Resp: 63033

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

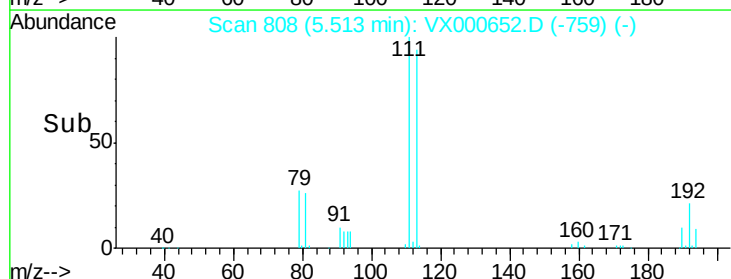
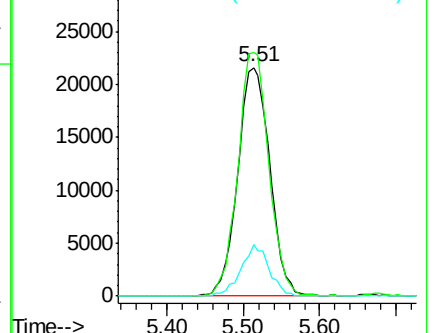
192 19.7 15.8 23.6

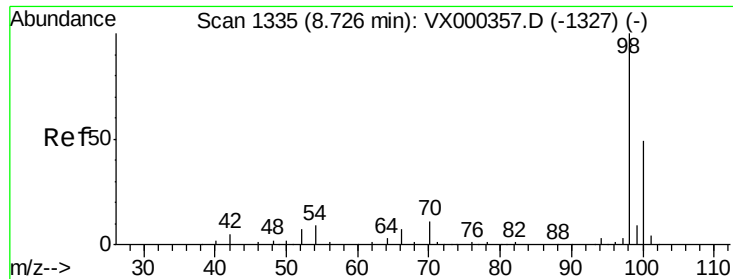


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

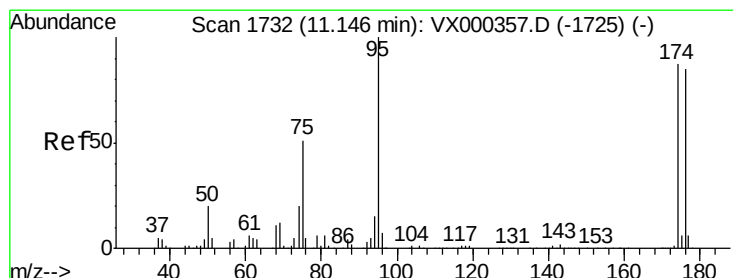
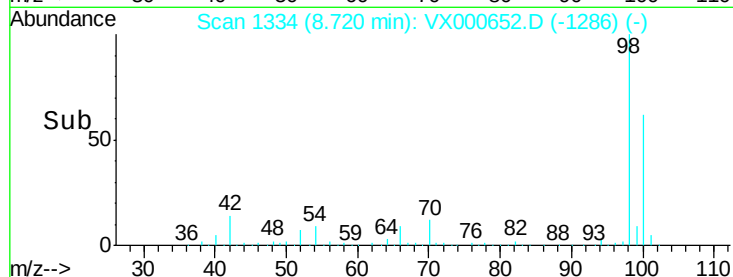
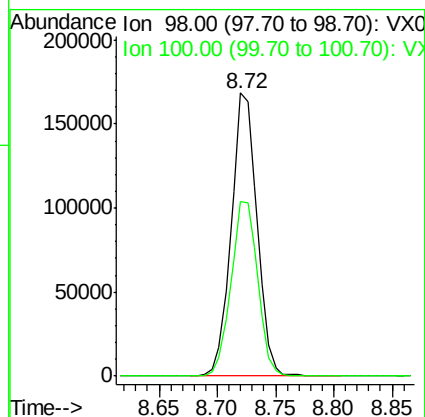
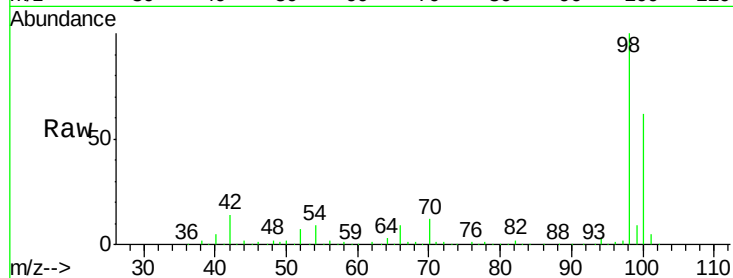




#50
Toluene-d8
Concen: 48.239 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000652.D
Acq: 03 Apr 2018 14:18

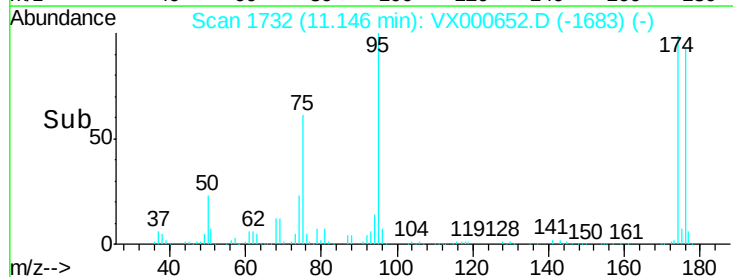
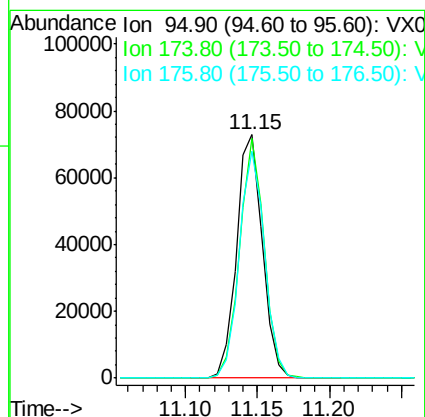
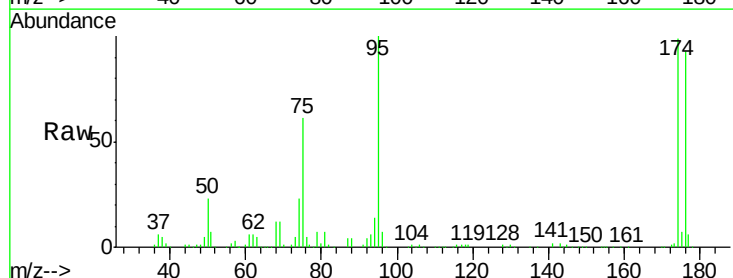
Instrument :
MSVOA_X
ClientSampleId :
LOWER-CONCRETE-SLAB-1

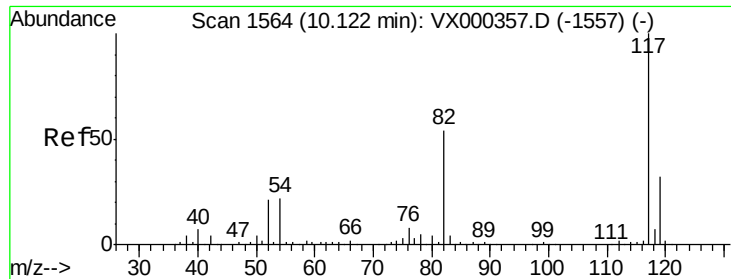
Tgt Ion: 98 Resp: 260101
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 41.363 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000652.D
Acq: 03 Apr 2018 14:18

Tgt Ion: 95 Resp: 91471
Ion Ratio Lower Upper
95 100
174 93.1 0.0 173.6
176 91.0 0.0 164.6

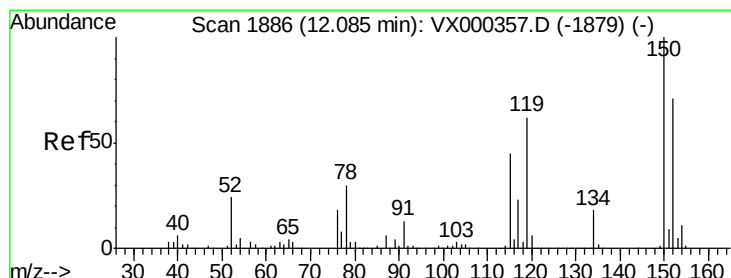
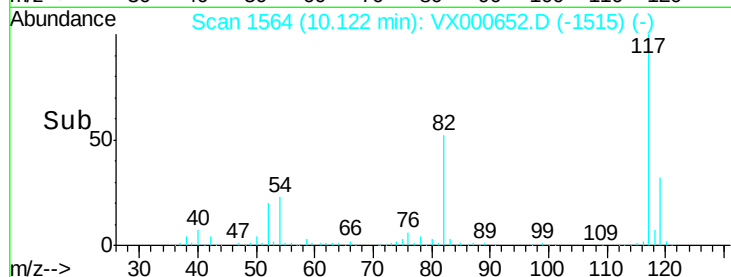
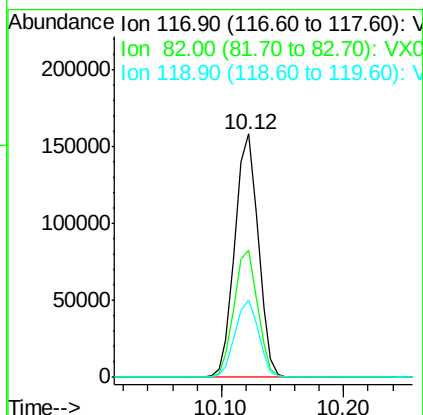
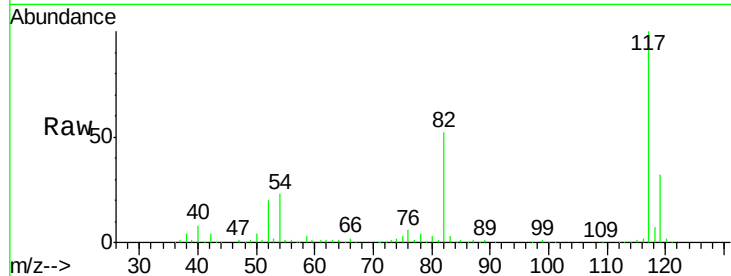




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000652.D
Acq: 03 Apr 2018 14:18

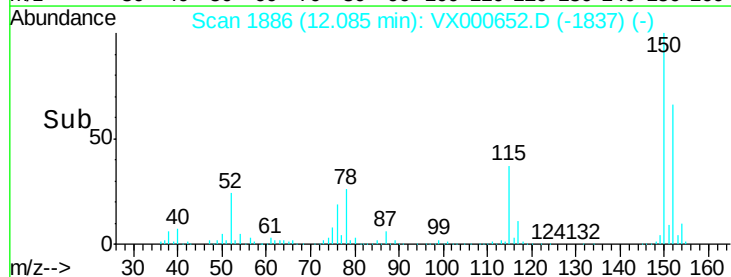
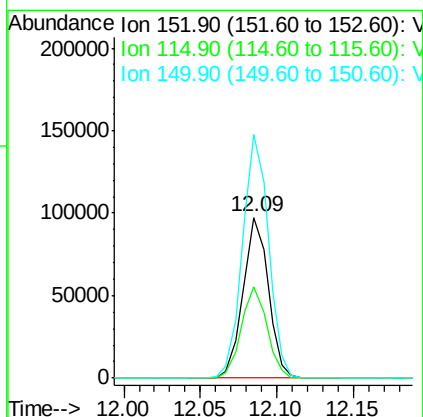
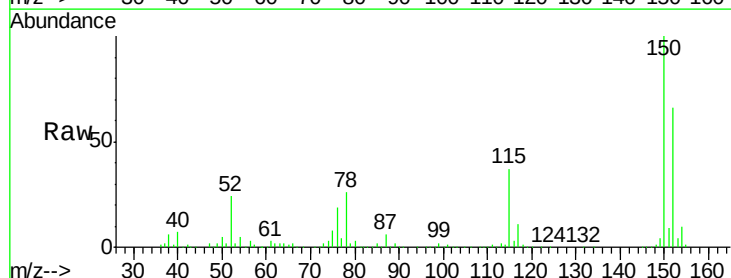
Instrument :
MSVOA_X
ClientSampleId :
LOWER-CONCRETE-SLAB-1

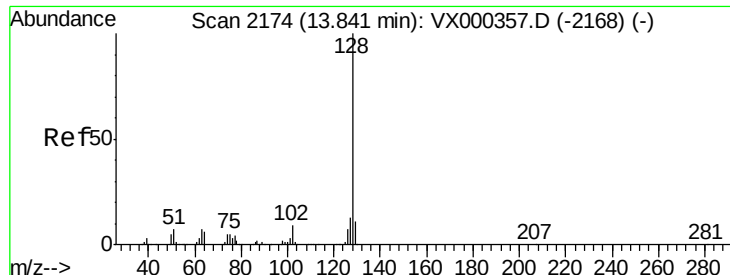
Tgt Ion:117 Resp: 208915
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.8
119 31.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000652.D
Acq: 03 Apr 2018 14:18

Tgt Ion:152 Resp: 111998
Ion Ratio Lower Upper
152 100
115 57.8 39.8 119.3
150 155.3 0.0 344.4

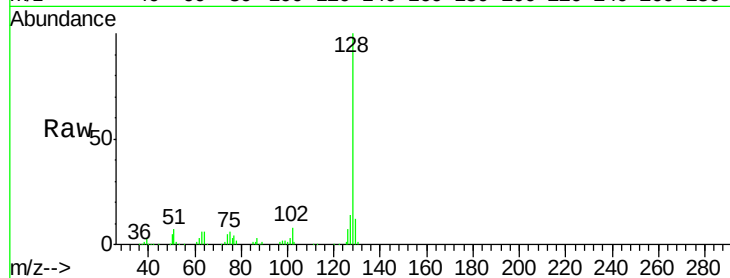




#95
Naphthalene
Concen: 8.288 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000652.D
Acq: 03 Apr 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
LOWER-CONCRETE-SLAB-1

Tgt Ion:128 Resp: 75848
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.0 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

