

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000242.D
 Acq On : 09 Mar 2018 00:49
 Operator : JC/MD
 Sample : J1828-10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Concrete-Structure

Quant Time: Mar 09 05:41:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

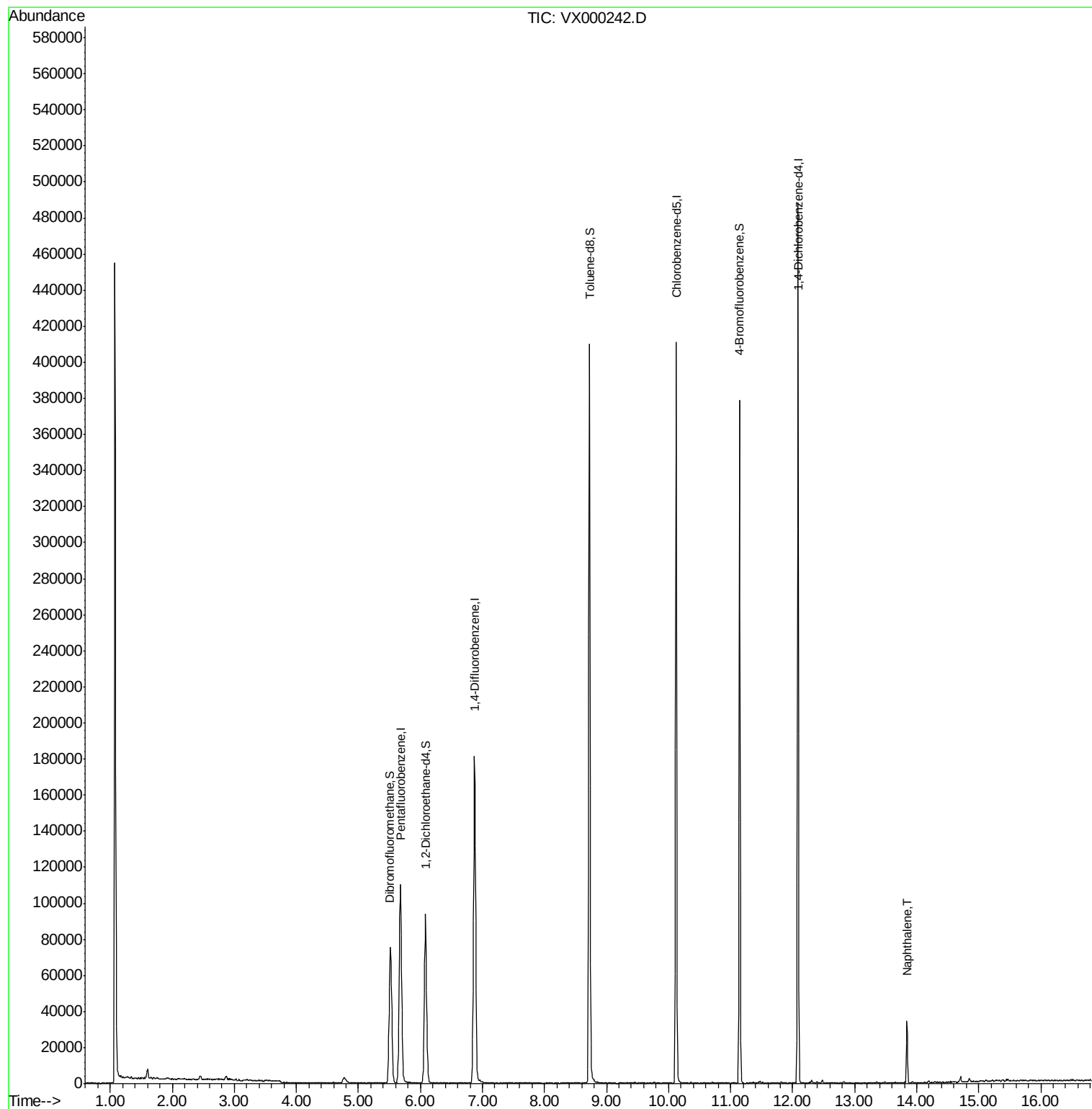
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	103225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81827	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
35) Dibromofluoromethane	5.52	113	60000	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	8.73	98	241332	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.15	95	83721	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
95) Naphthalene	13.84	128	19371	2.78	ug/l	Qvalue 99

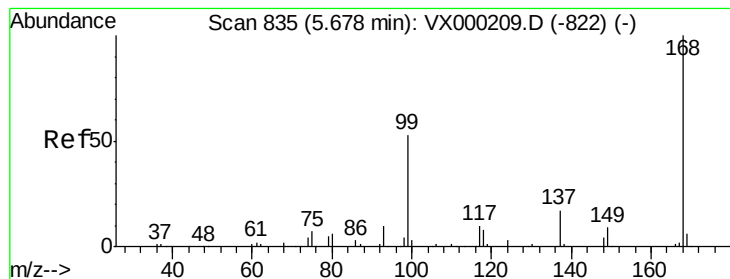
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000242.D

Acq: 09 Mar 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

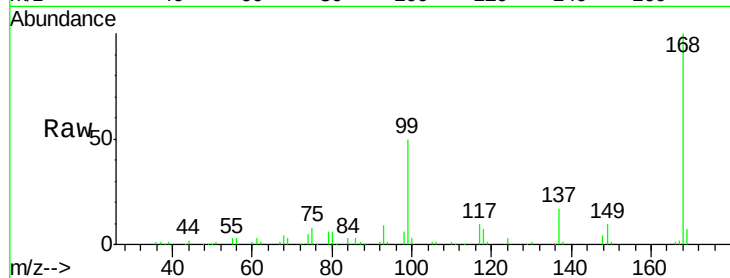
Concrete-Structure

Tot Ion:168 Resp: 103225

Ion Ratio Lower Upper

168 100

99 50.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

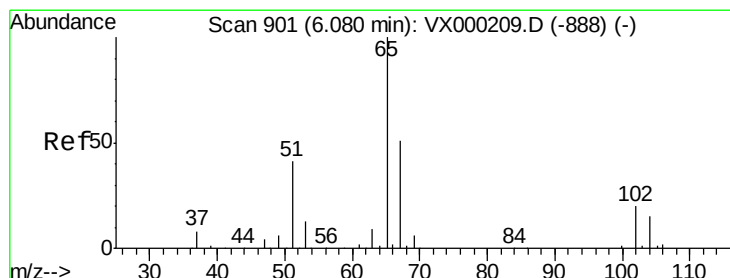
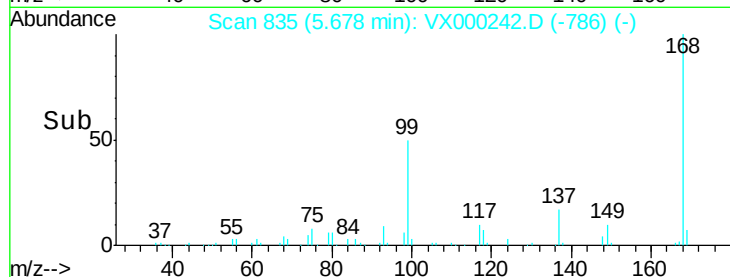
20000

10000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 57.19 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000242.D

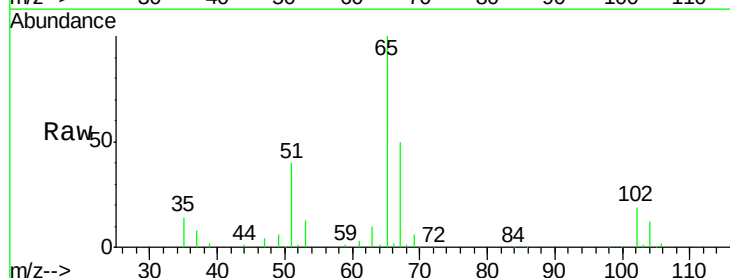
Acq: 09 Mar 2018 00:49

Tgt Ion: 65 Resp: 81827

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

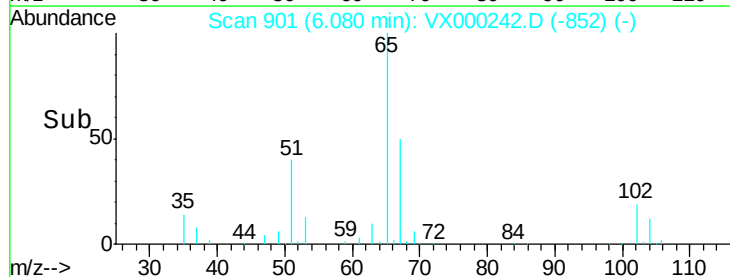
20000

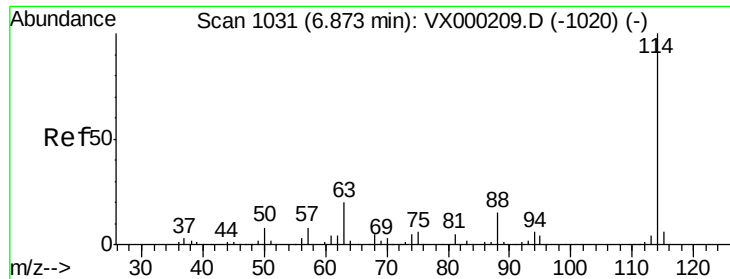
10000

0

Time-->

6.00 6.10 6.20

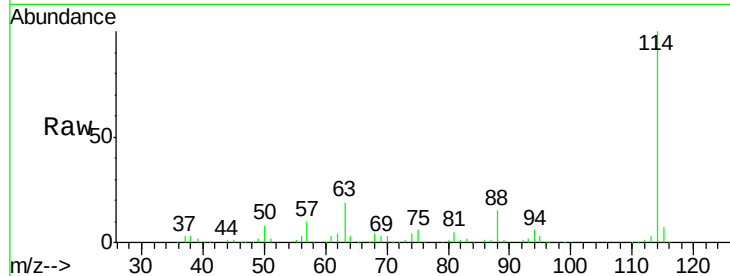




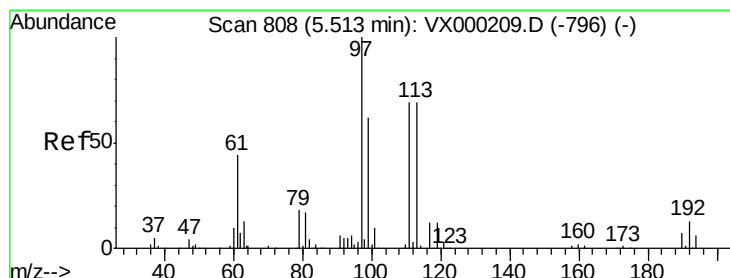
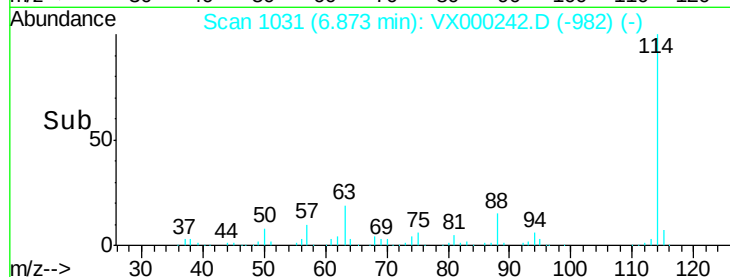
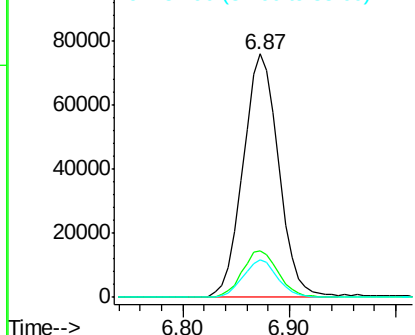
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000242.D
 Acq: 09 Mar 2018 00:49

Instrument :
 MSVOA_X
 ClientSampleId :
 Concrete-Structure

Tot Ion:114 Resp: 178508
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.3 0.0 29.8

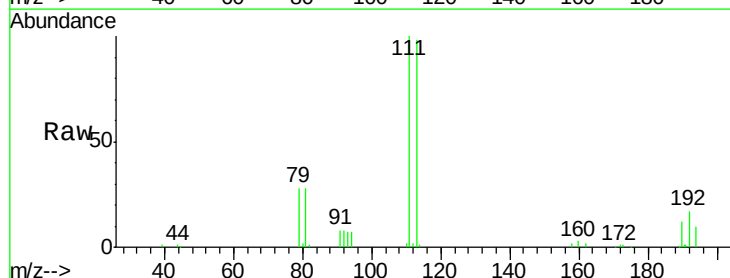


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

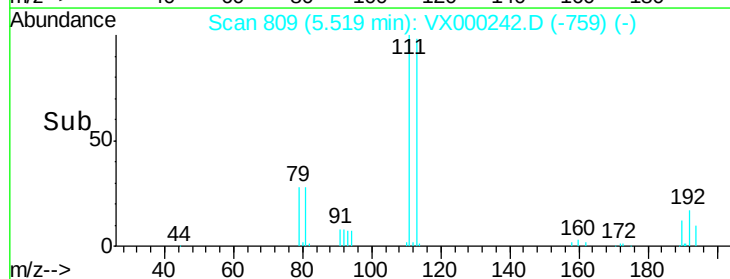
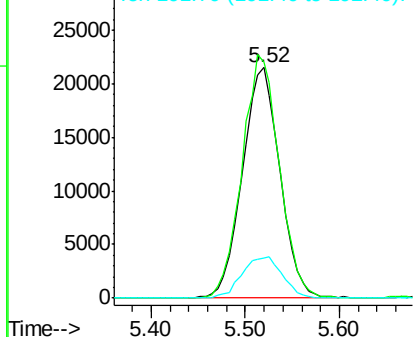


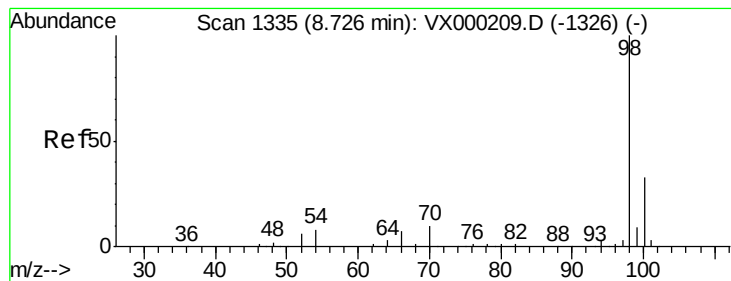
#35
 Dibromofluoromethane
 Concen: 53.51 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000242.D
 Acq: 09 Mar 2018 00:49

Tgt Ion:113 Resp: 60000
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.0 124.6
 192 19.2 15.5 23.3



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: 51.96 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000242.D

Acq: 09 Mar 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

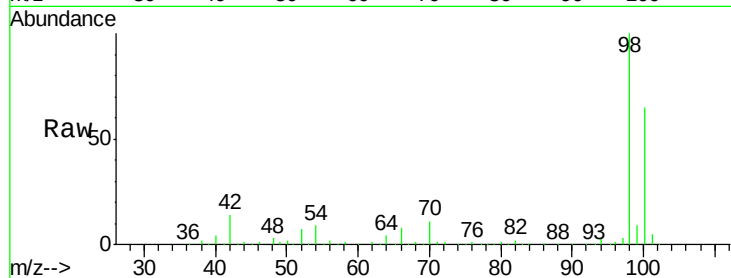
Concrete-Structure

Tot Ion: 98 Resp: 241332

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

100000

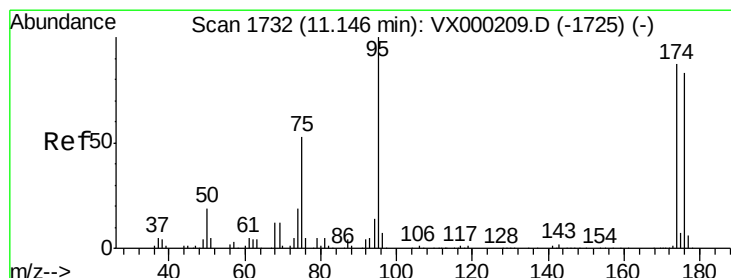
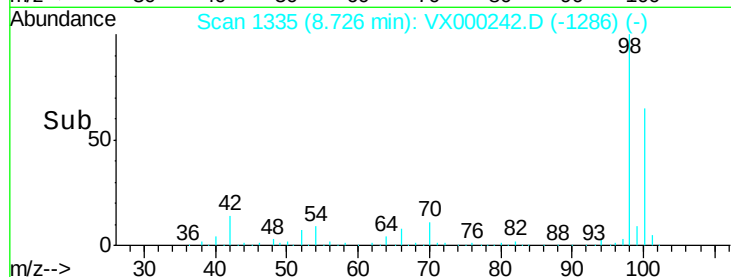
50000

0

8.73

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000242.D

Acq: 09 Mar 2018 00:49

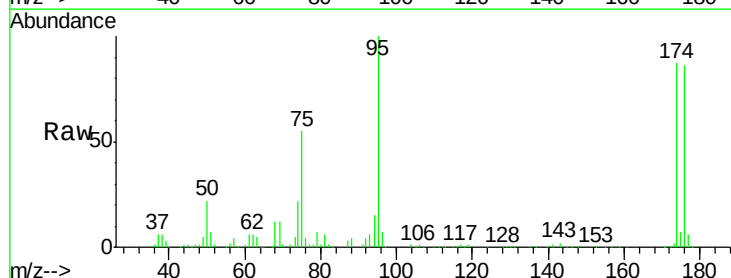
Tgt Ion: 95 Resp: 83721

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 86.0 0.0 171.0



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

80000

60000

40000

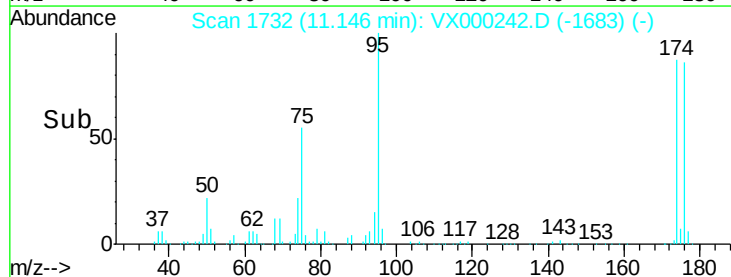
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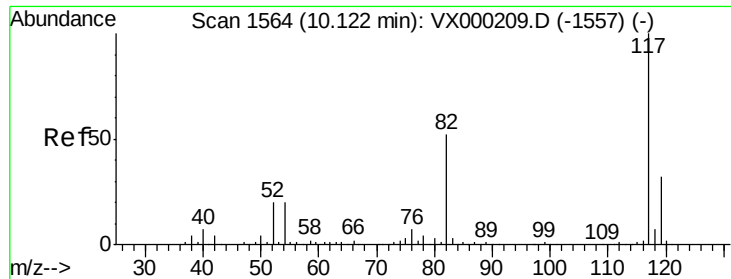
0

11.15

11.10 11.15 11.20

Time-->

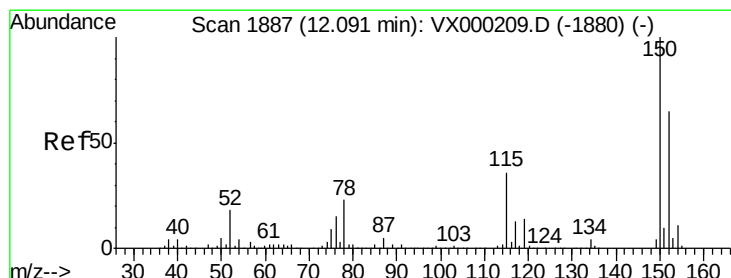
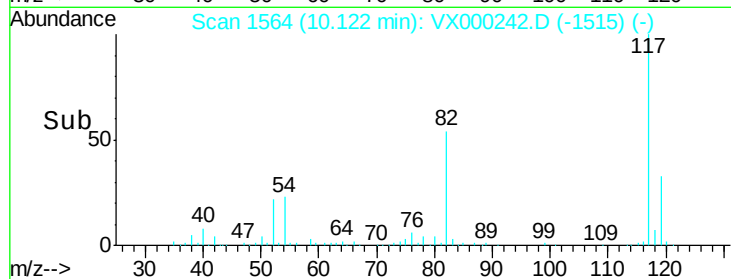
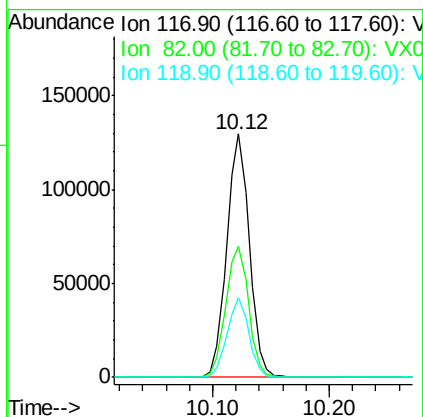
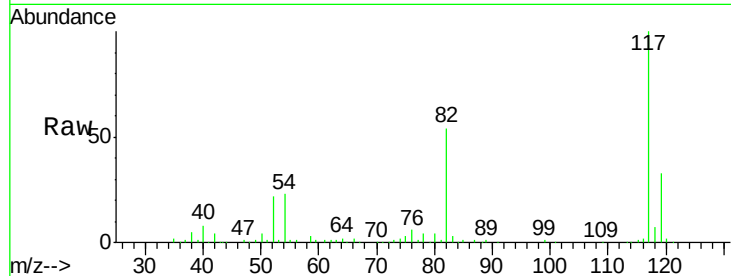




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000242.D
Acq: 09 Mar 2018 00:49

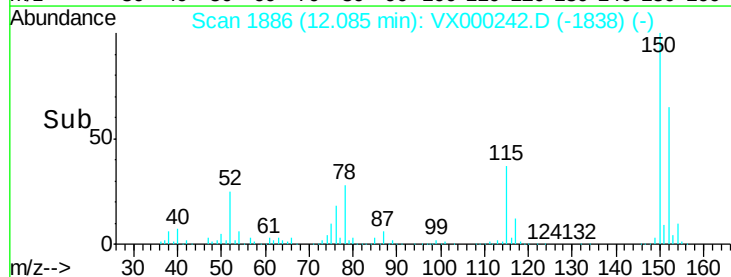
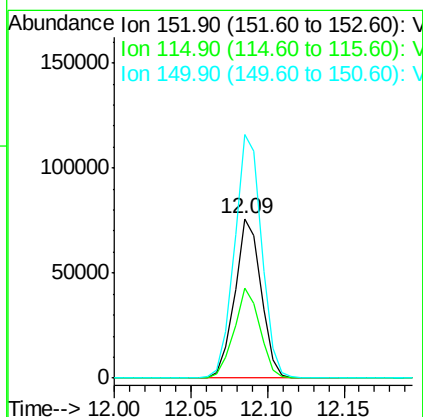
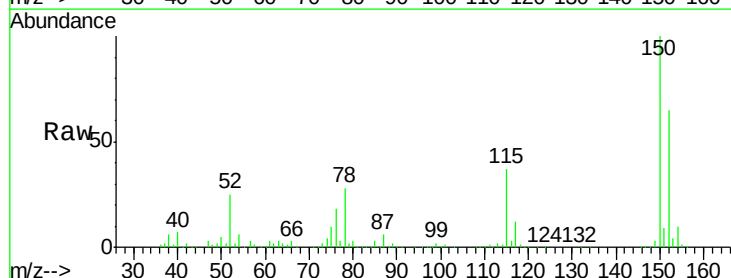
Instrument :
MSVOA_X
ClientSampleId :
Concrete-Structure

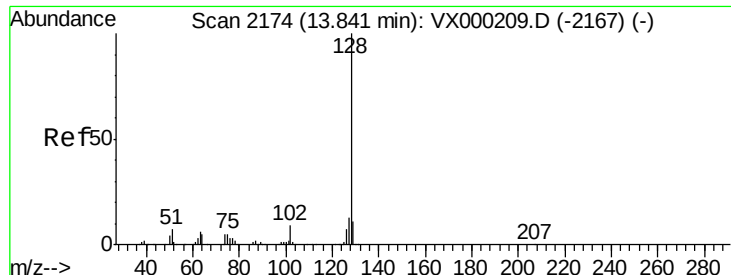
Tot Ion:117 Resp: 174588
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000242.D
Acq: 09 Mar 2018 00:49

Tgt Ion:152 Resp: 90217
Ion Ratio Lower Upper
152 100
115 55.9 39.8 119.3
150 157.1 0.0 345.0





#95
Naphthalene
Concen: 2.78 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000242.D
Acq: 09 Mar 2018 00:49

Instrument :
MSVOA_X
ClientSampleId :
Concrete-Structure

Tot Ion:128 Resp: 19371
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.2 8.6 13.0

