

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002589.D
 Acq On : 15 Jun 2018 08:40
 Operator : JC/MD
 Sample : J3490-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-BASE

Quant Time: Jun 15 12:06:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

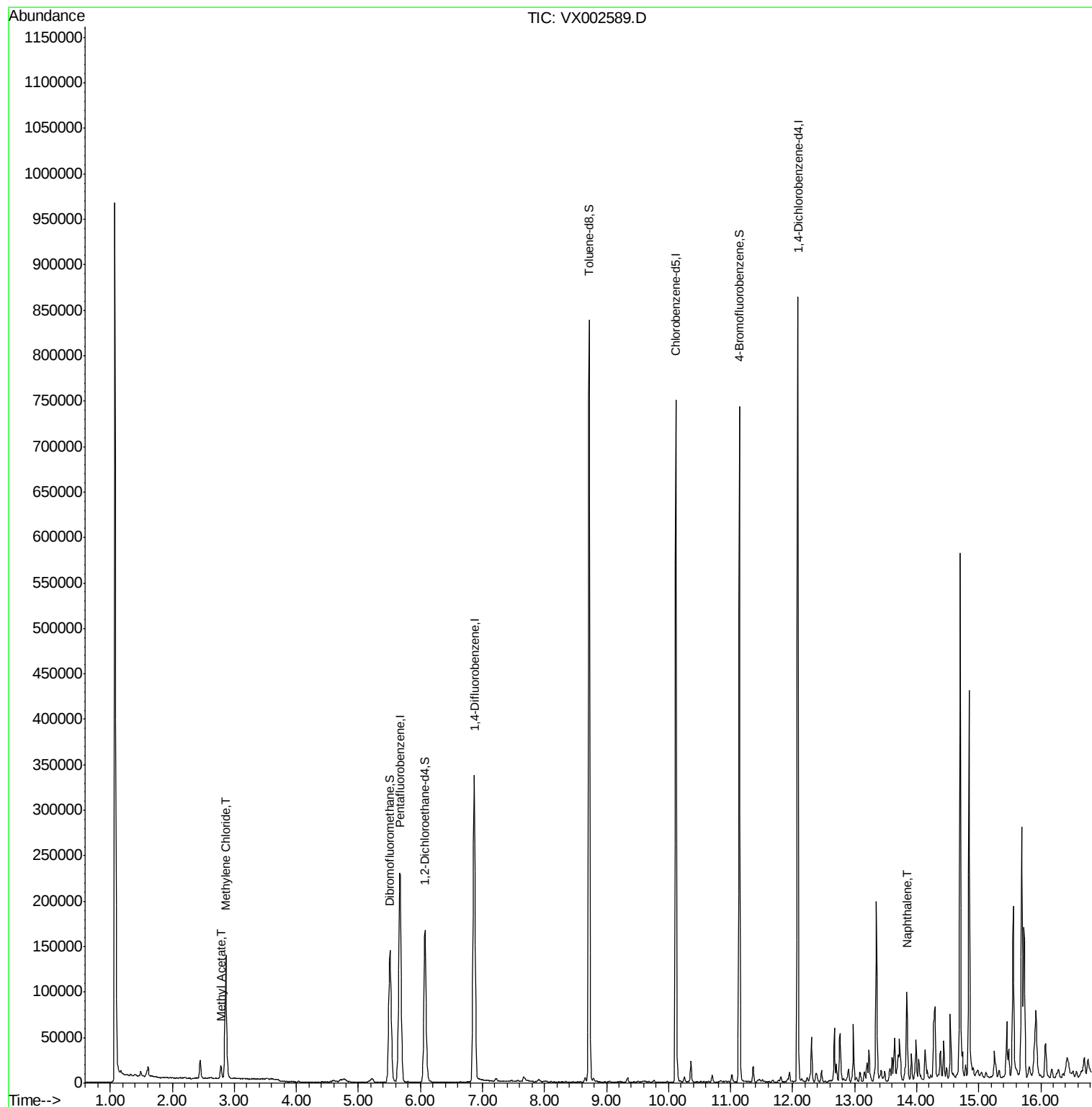
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158281	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	5.51	113	117195	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	8.72	98	476440	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	11.14	95	171380	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
18) Methyl Acetate	2.78	43	17379	2.763	ug/l	97
20) Methylene Chloride	2.86	84	59518	21.476	ug/l	98
95) Naphthalene	13.84	128	56978	4.314	ug/l #	96

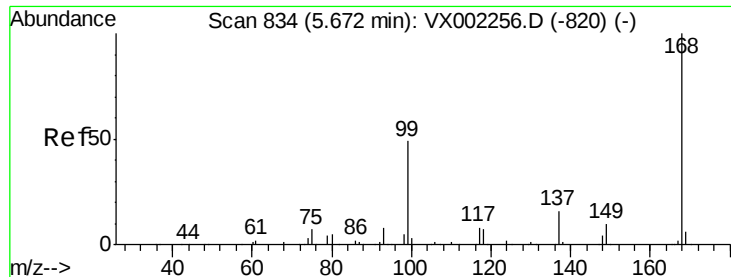
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002589.D

Acq: 15 Jun 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

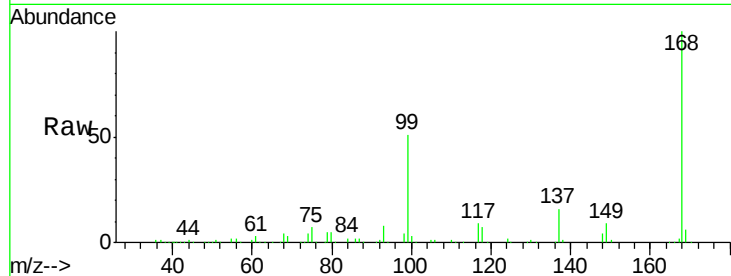
CONCRETE-BASE

Tot Ion:168 Resp: 228341

Ion Ratio Lower Upper

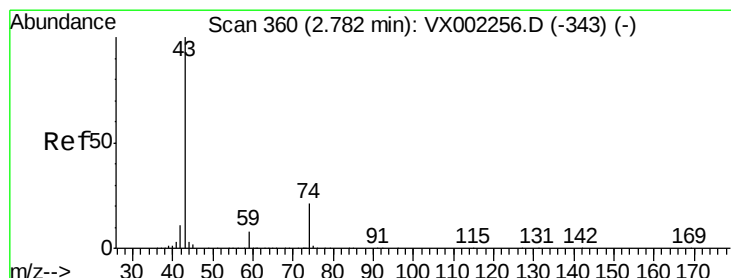
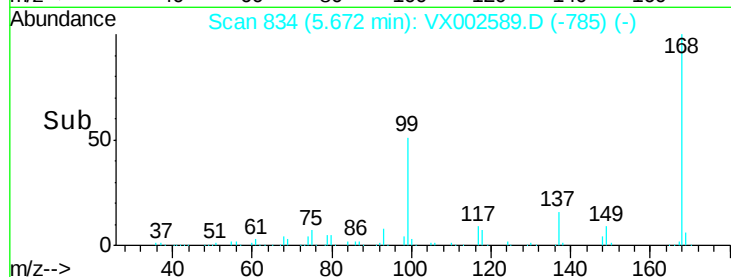
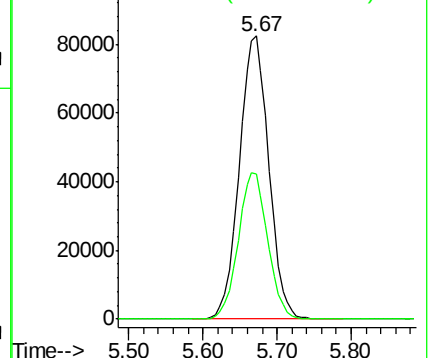
168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 2.763 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002589.D

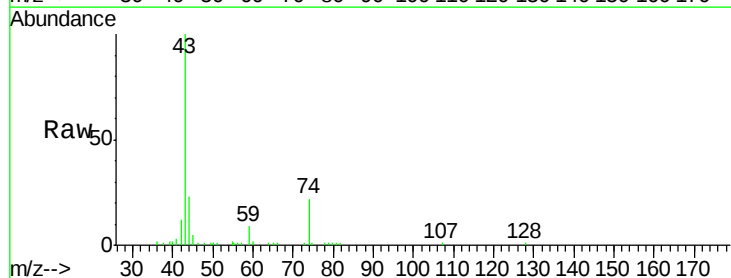
Acq: 15 Jun 2018 08:40

Tgt Ion: 43 Resp: 17379

Ion Ratio Lower Upper

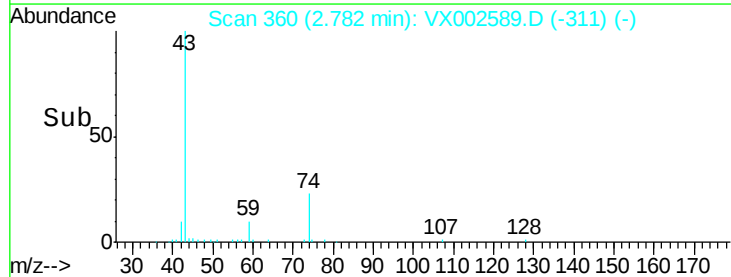
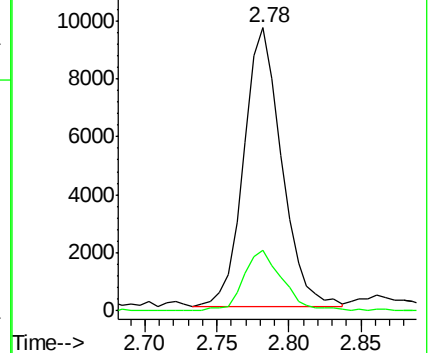
43 100

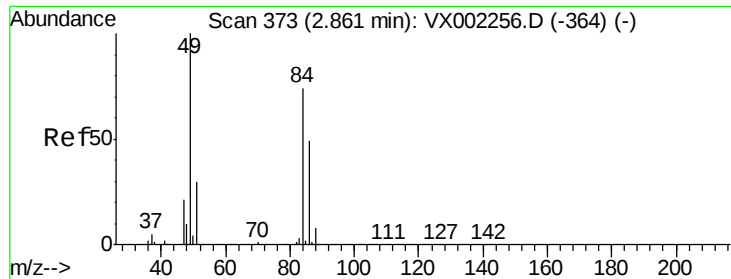
74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 21.476 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002589.D

Acq: 15 Jun 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

CONCRETE-BASE

Tot Ion: 84 Resp: 59518

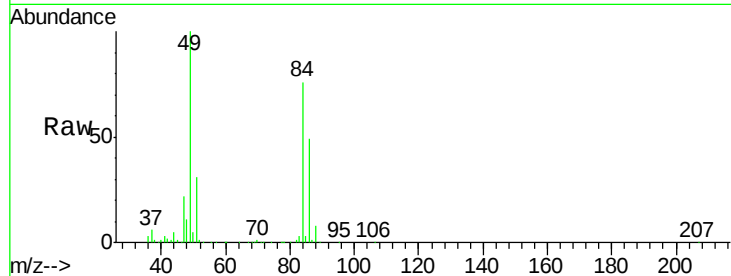
Ion Ratio Lower Upper

84 100

49 131.5 107.8 161.6

51 40.4 32.8 49.2

86 64.4 52.5 78.7

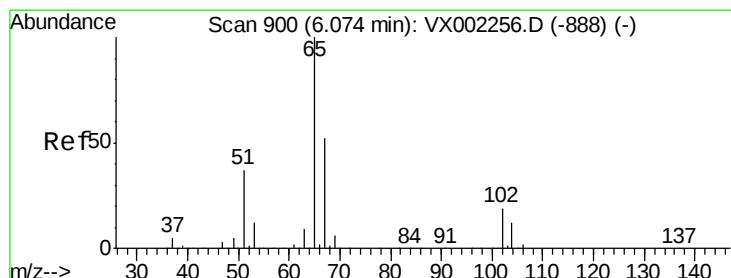
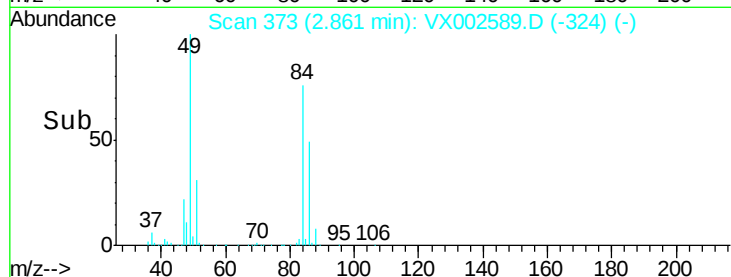
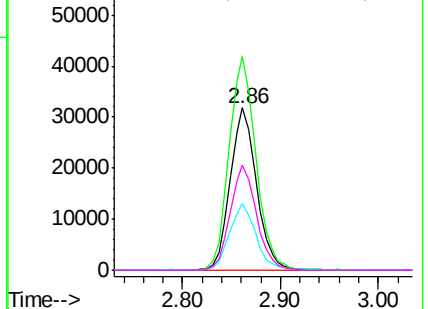


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 48.361 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002589.D

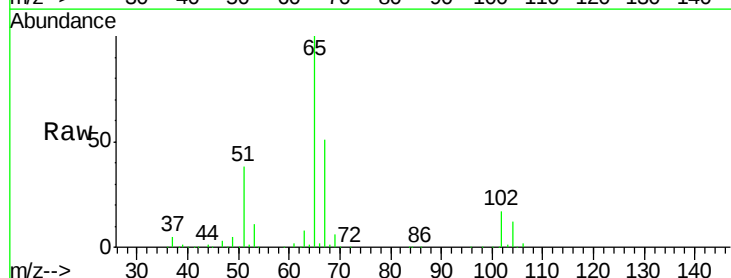
Acq: 15 Jun 2018 08:40

Tgt Ion: 65 Resp: 158281

Ion Ratio Lower Upper

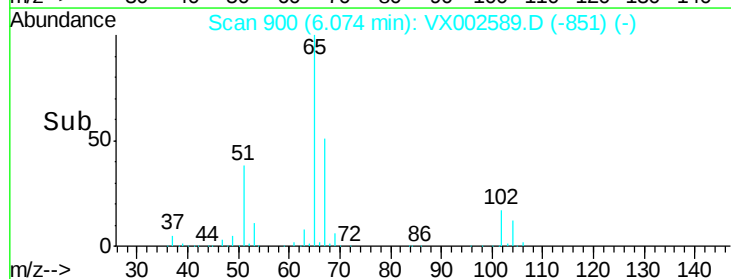
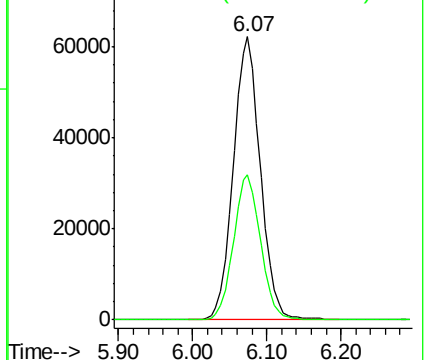
65 100

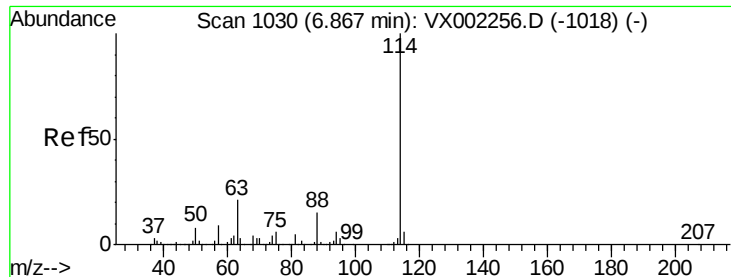
67 51.1 0.0 102.6



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. 0.00 min

Lab File: VX002589.D

Acq: 15 Jun 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

CONCRETE-BASE

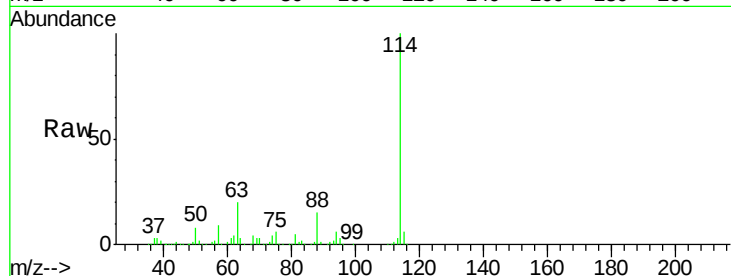
Tot Ion:114 Resp: 331205

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

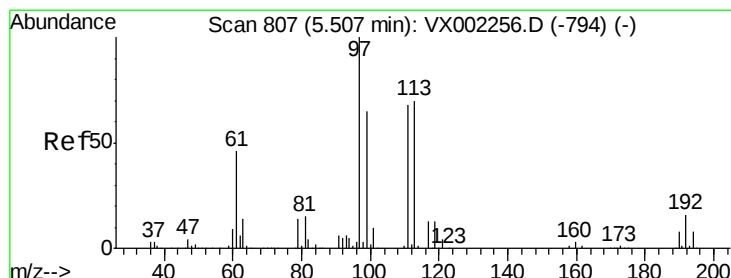
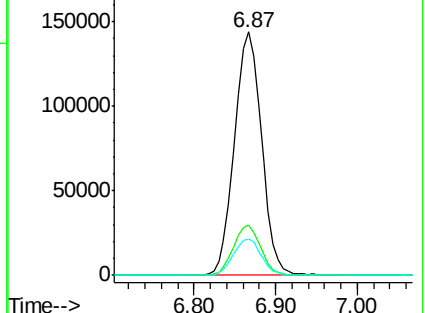
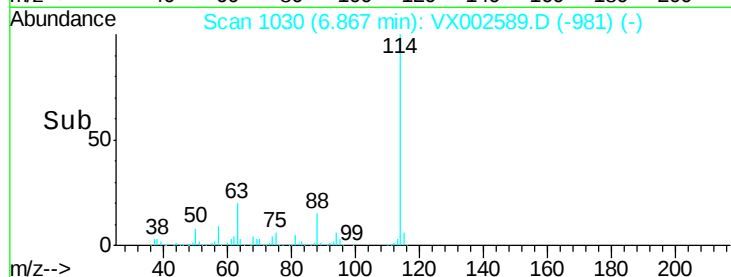
88 14.8 0.0 30.0



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: 44.995 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002589.D

Acq: 15 Jun 2018 08:40

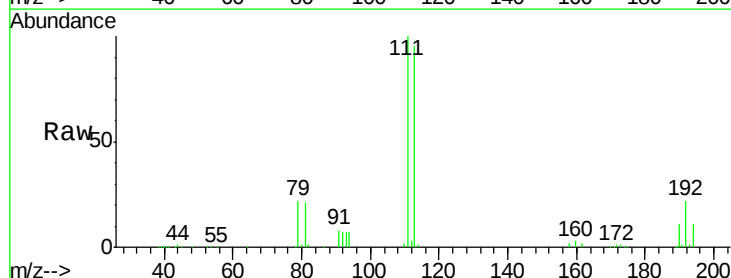
Tgt Ion:113 Resp: 117195

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

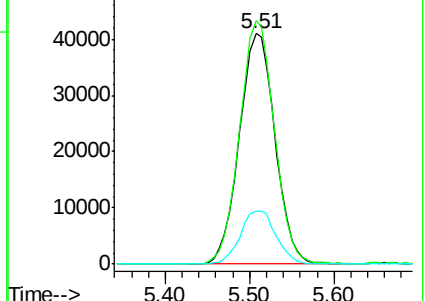
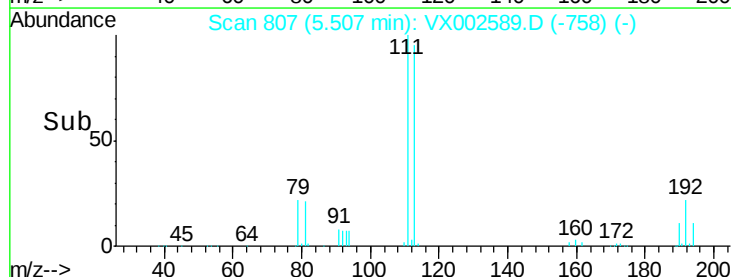
192 23.1 19.1 28.7

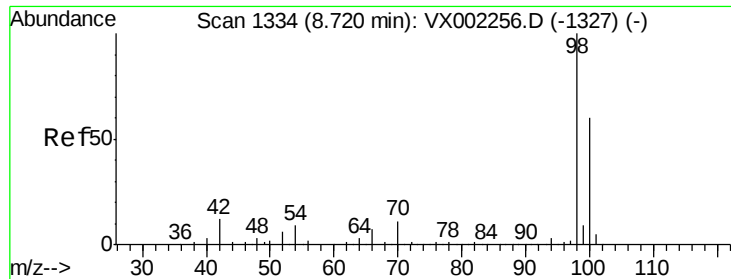


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

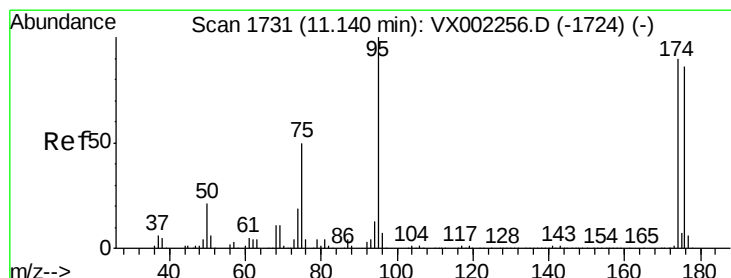
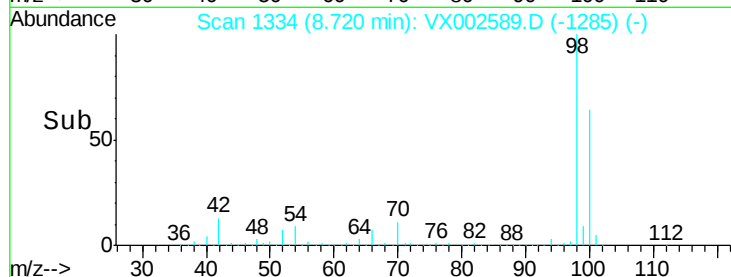
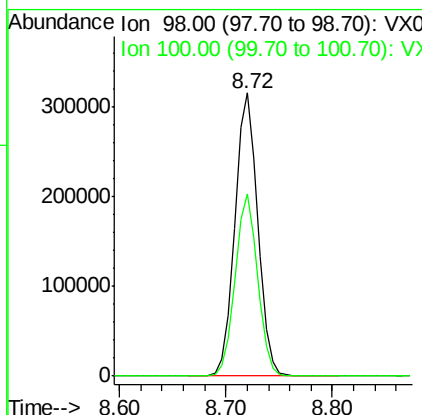
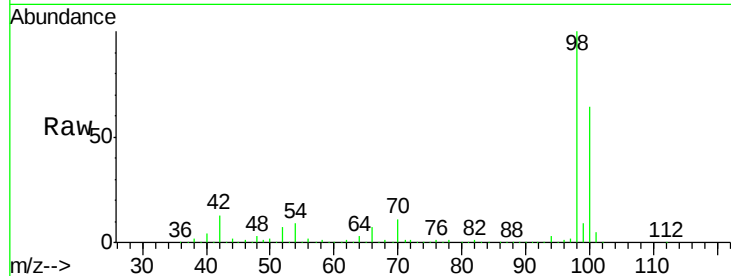




#50
Toluene-d8
Concen: 47.723 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002589.D
Acq: 15 Jun 2018 08:40

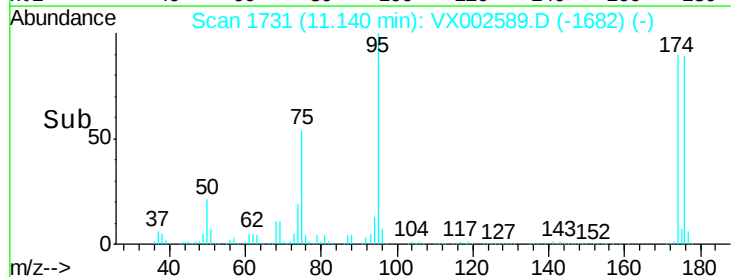
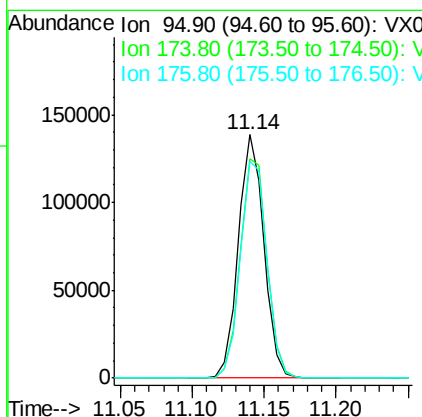
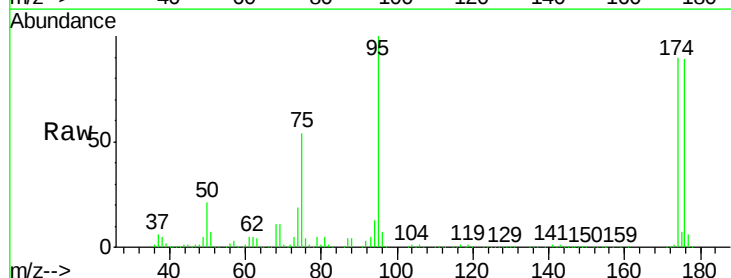
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-BASE

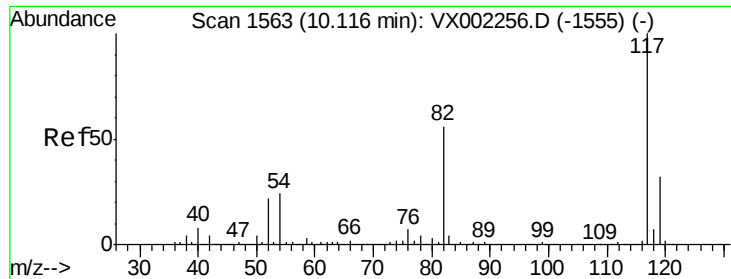
Tot Ion: 98 Resp: 476440
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.517 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002589.D
Acq: 15 Jun 2018 08:40

Tgt Ion: 95 Resp: 171380
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.4
176 92.4 0.0 181.0

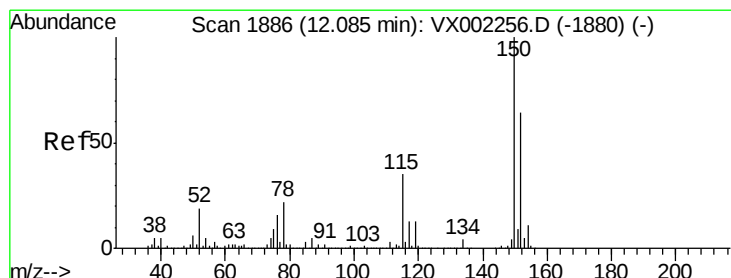
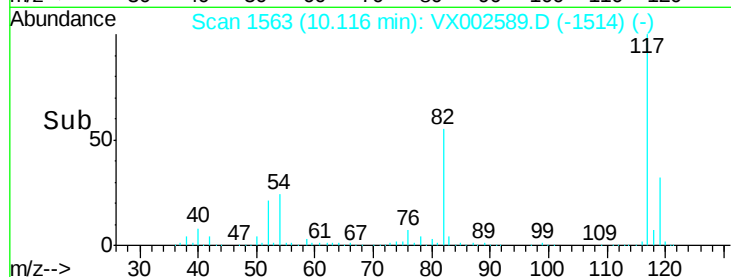
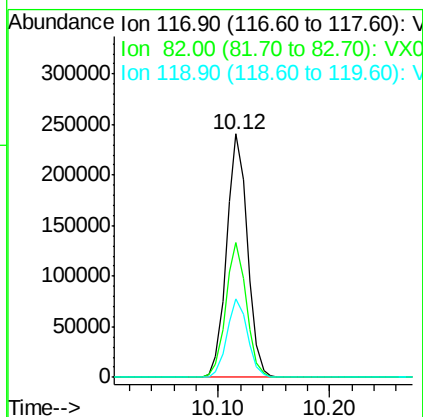
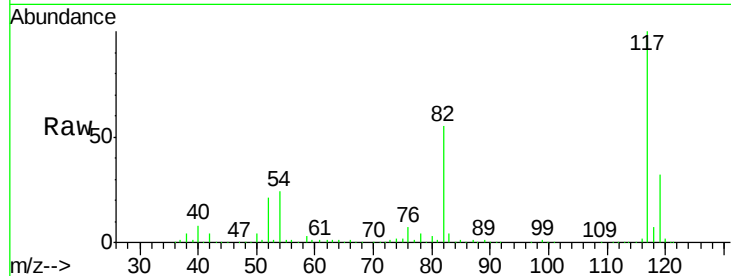




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002589.D
Acq: 15 Jun 2018 08:40

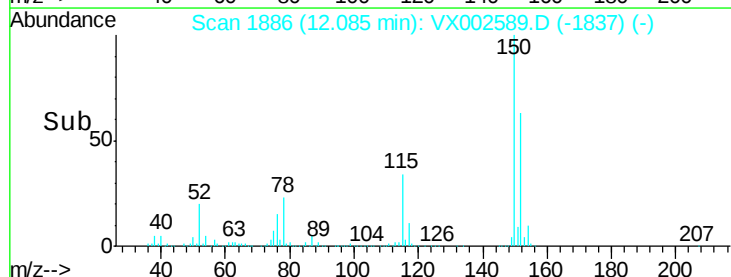
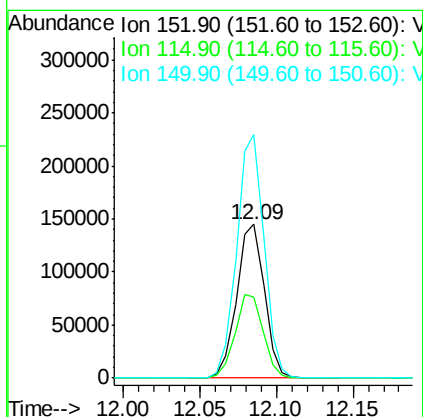
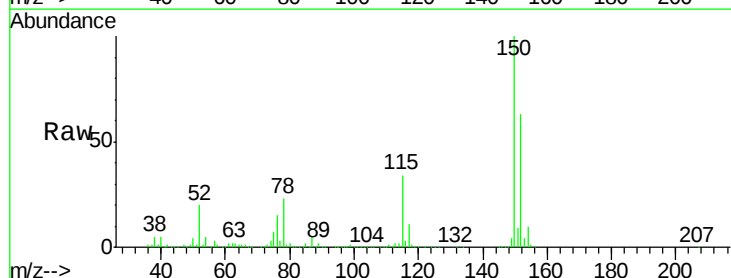
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-BASE

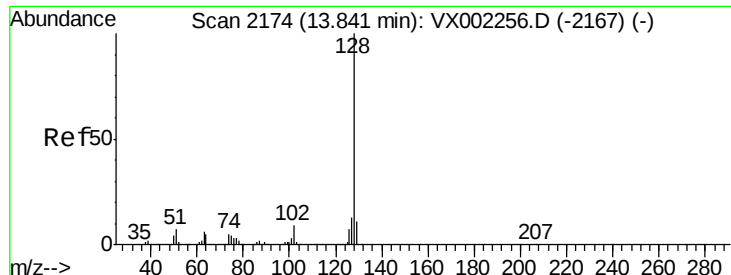
Tot Ion:117 Resp: 309513
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002589.D
Acq: 15 Jun 2018 08:40

Tgt Ion:152 Resp: 181453
Ion Ratio Lower Upper
152 100
115 55.3 40.1 120.2
150 156.4 0.0 347.2





#95

Naphthalene

Concen: 4.314 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002589.D

Acq: 15 Jun 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

CONCRETE-BASE

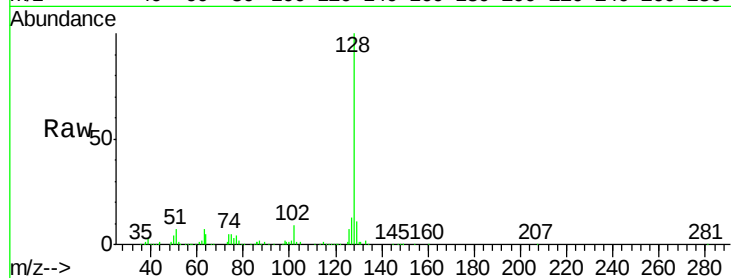
Tot Ion:128 Resp: 56978

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 13.2 8.6 13.0#



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

