

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000393.D
 Acq On : 21 Mar 2018 18:35
 Operator : JC/MD
 Sample : J1756-10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-032018-B

Quant Time: Mar 22 07:34:33 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

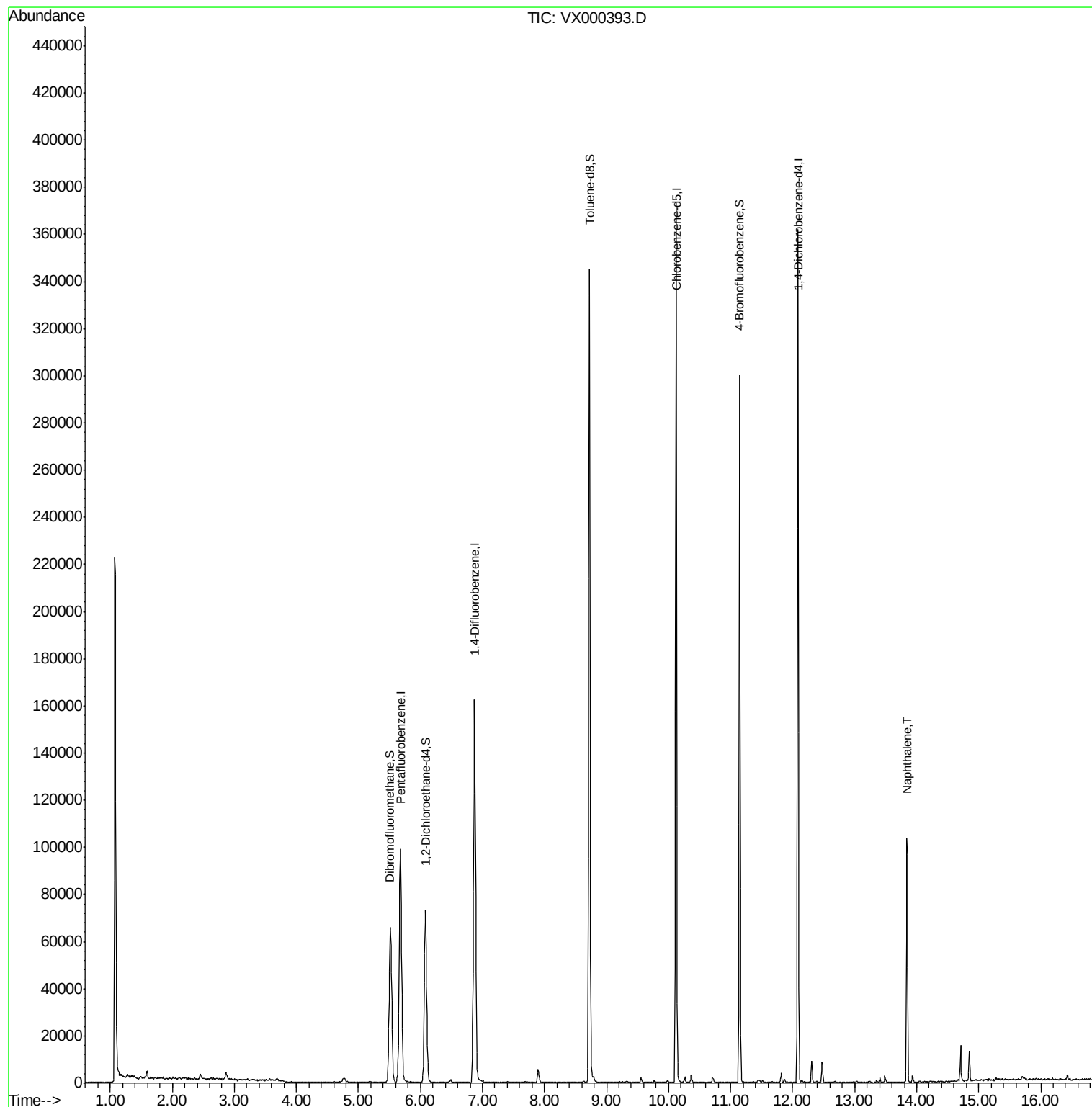
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	94589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	163264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	68722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	67060	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
35) Dibromofluoromethane	5.52	113	52488	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	8.73	98	206579	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.15	95	64271	37.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.94%	
Target Compounds						
95) Naphthalene	13.84	128	60471	10.77	ug/l	Qvalue 99

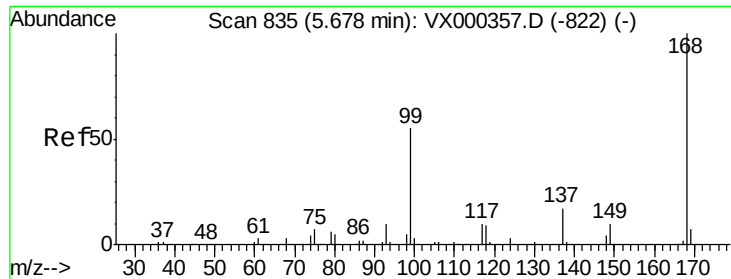
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000393.D

Acq: 21 Mar 2018 18:35

Instrument :

MSVOA_X

ClientSampleId :

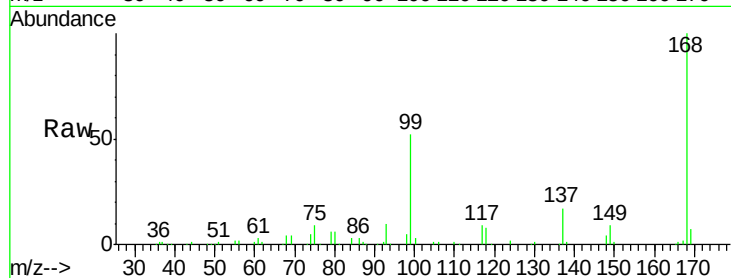
OR-03-032018-B

Tot Ion:168 Resp: 94589

Ion Ratio Lower Upper

168 100

99 52.1 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

30000

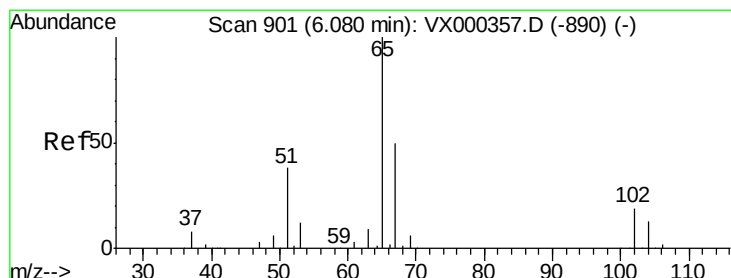
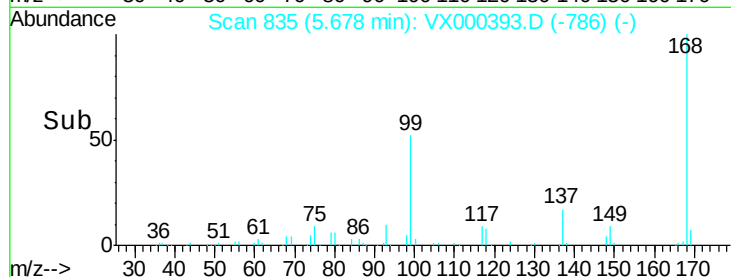
20000

10000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.31 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000393.D

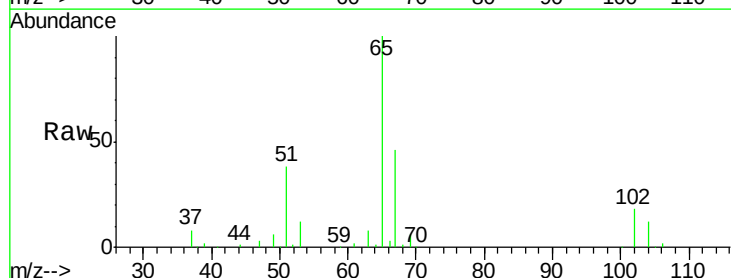
Acq: 21 Mar 2018 18:35

Tgt Ion: 65 Resp: 67060

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

6.08

30000

25000

20000

15000

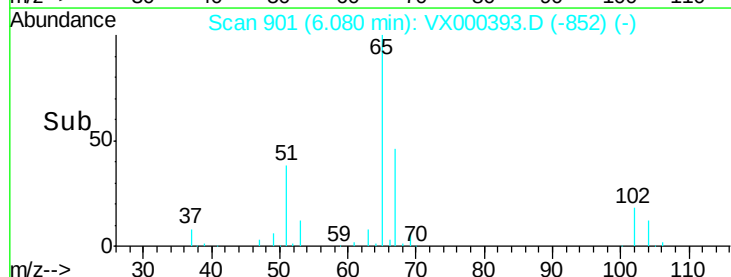
10000

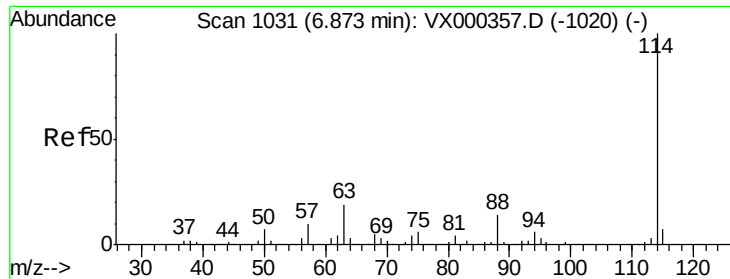
5000

0

Time-->

6.00 6.10 6.20

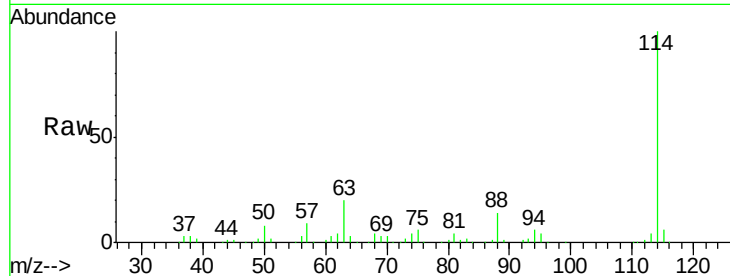




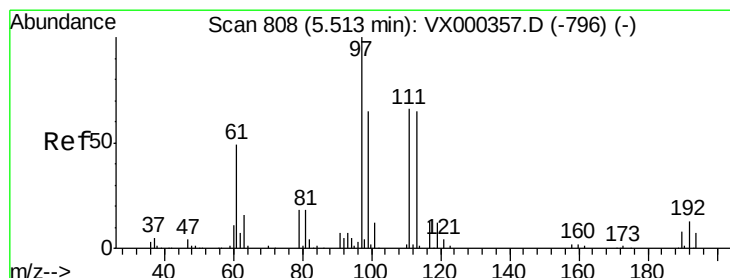
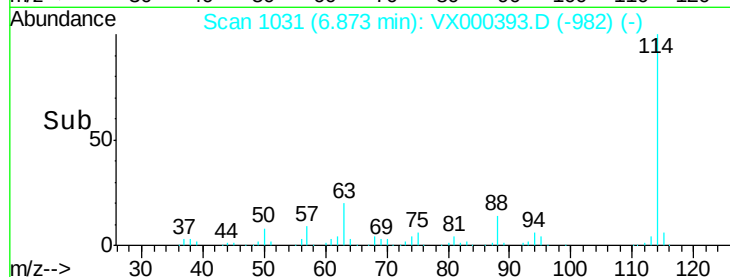
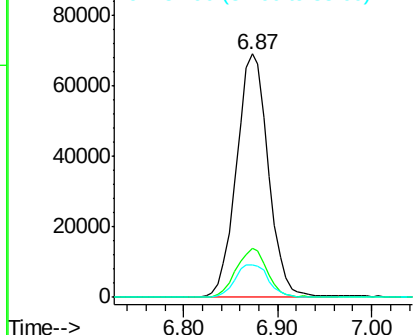
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000393.D
 Acq: 21 Mar 2018 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-032018-B

Tot Ion:114 Resp: 163264
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 13.6 0.0 27.0

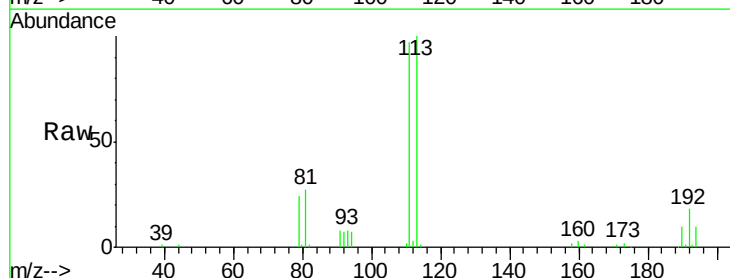


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

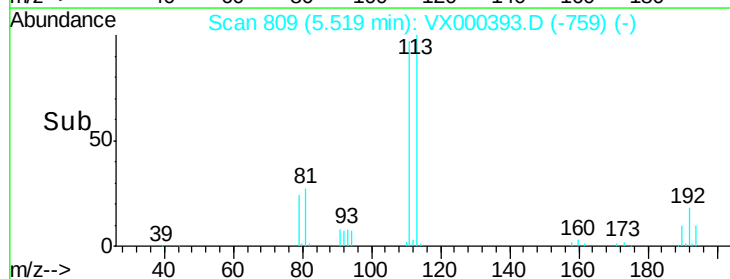
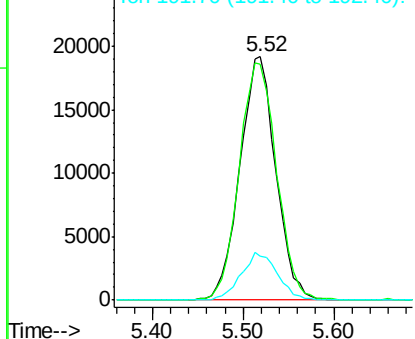


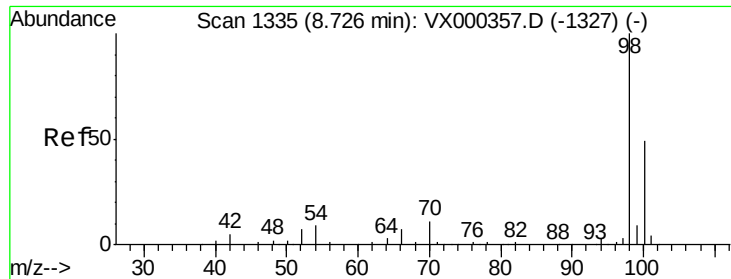
#35
 Dibromofluoromethane
 Concen: 51.02 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000393.D
 Acq: 21 Mar 2018 18:35

Tgt Ion:113 Resp: 52488
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 19.9 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: 48.49 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000393.D

Acq: 21 Mar 2018 18:35

Instrument :

MSVOA_X

ClientSampleId :

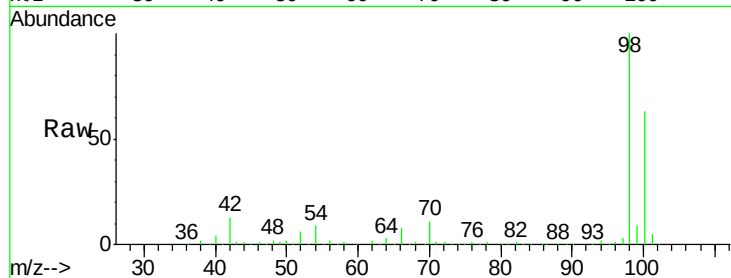
OR-03-032018-B

Tot Ion: 98 Resp: 206579

Ion Ratio Lower Upper

98 100

100 62.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

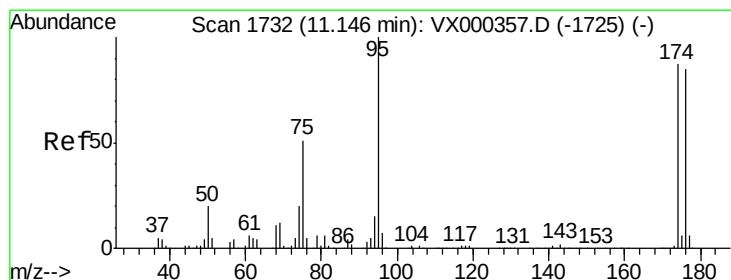
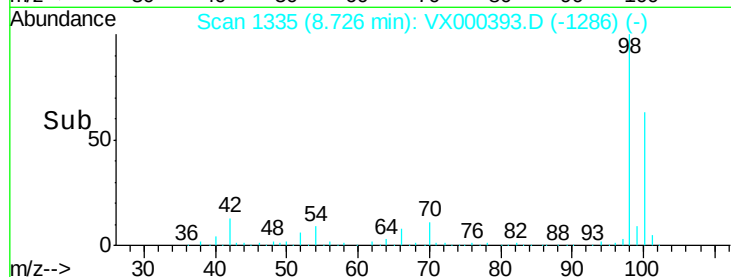
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.47 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000393.D

Acq: 21 Mar 2018 18:35

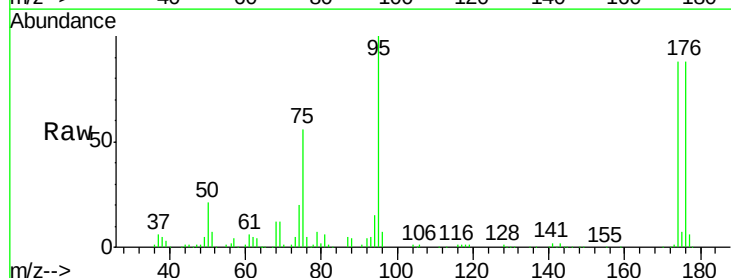
Tgt Ion: 95 Resp: 64271

Ion Ratio Lower Upper

95 100

174 89.6 0.0 173.6

176 86.8 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

11.15

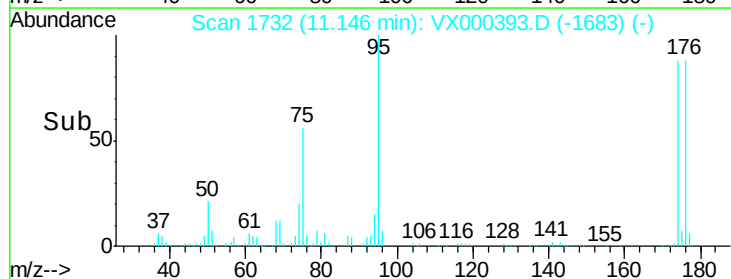
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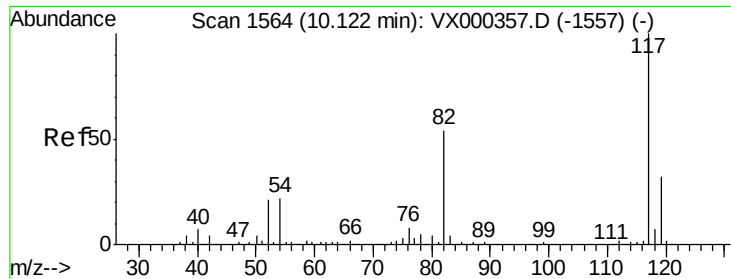
40000

20000

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Time-->

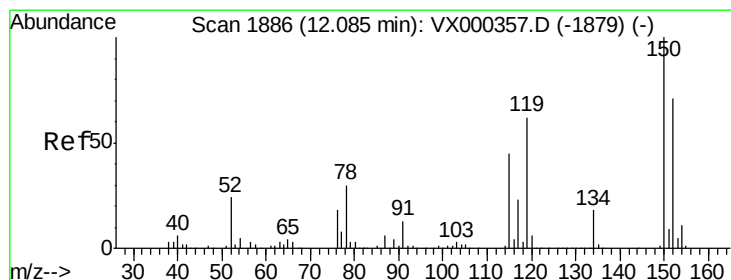
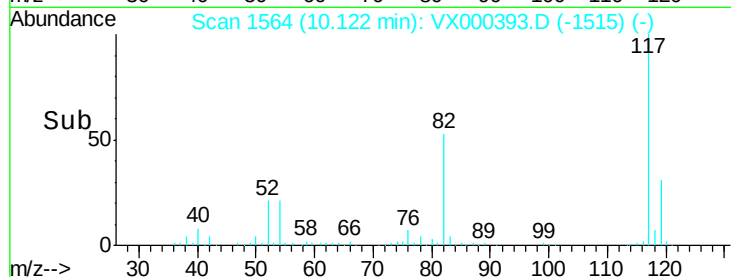
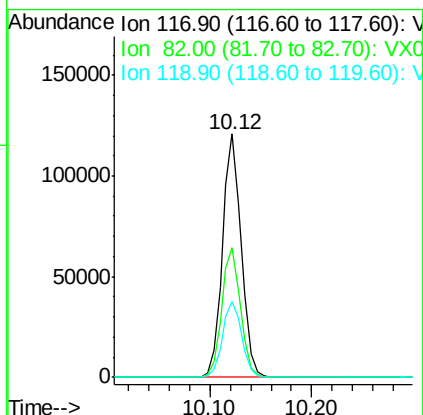
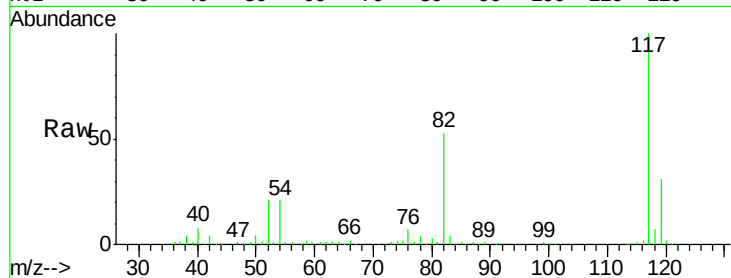




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000393.D
Acq: 21 Mar 2018 18:35

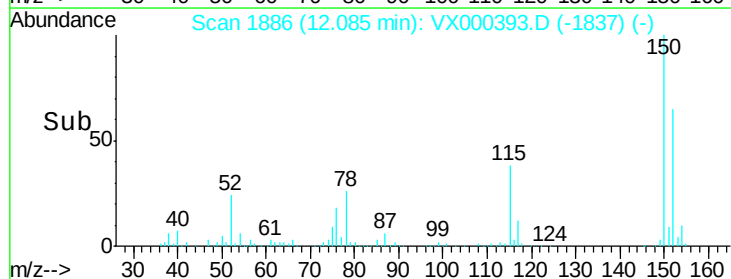
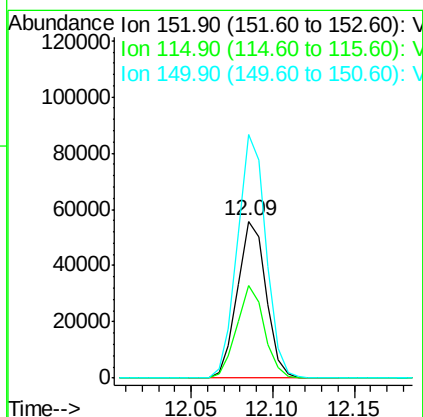
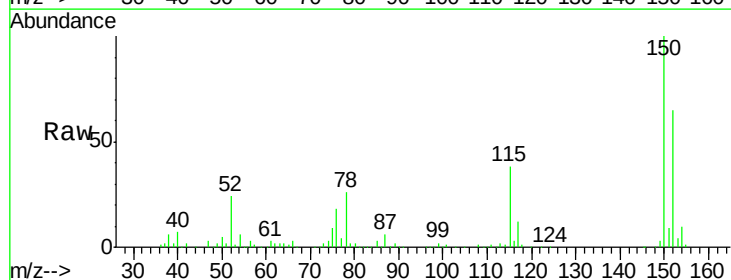
Instrument :
MSVOA_X
ClientSampleId :
OR-03-032018-B

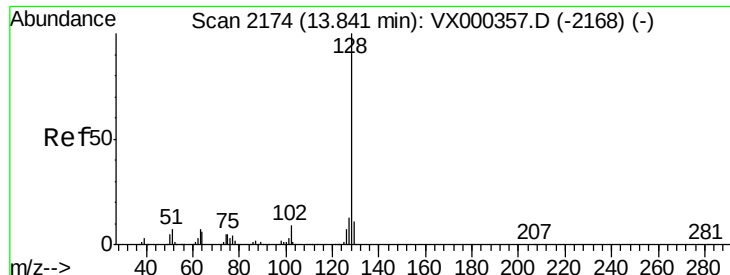
Tot Ion:117 Resp: 154248
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 31.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000393.D
Acq: 21 Mar 2018 18:35

Tgt Ion:152 Resp: 68722
Ion Ratio Lower Upper
152 100
115 56.5 39.8 119.3
150 154.5 0.0 344.4





#95
Naphthalene
Concen: 10.77 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000393.D
Acq: 21 Mar 2018 18:35

Instrument :
MSVOA_X
ClientSampleId :
OR-03-032018-B

Tot Ion:128 Resp: 60471
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.5 8.9 13.3

