

Data File : VX000266.D
Acq On : 09 Mar 2018 19:50
Operator : JC/MD
Sample : J1853-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

Quant Time: Mar 10 01:00:49 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	75837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	129329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	123222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	65278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	52537	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.52	113	40138	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.73	98	159843	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.15	95	56103	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	

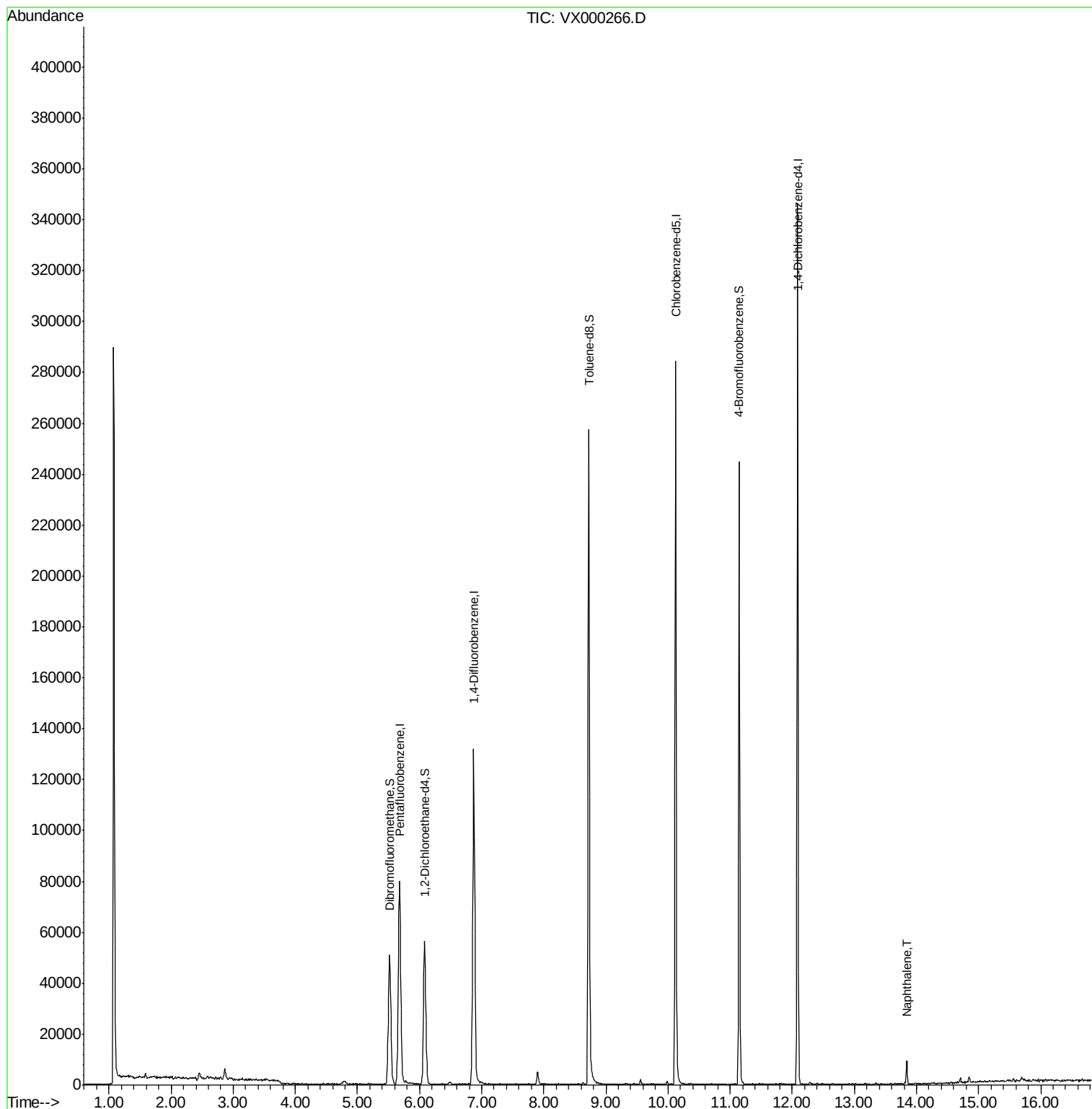
Target Compounds						Qvalue
95) Naphthalene	13.85	128	5298	1.05	ug/l	# 94

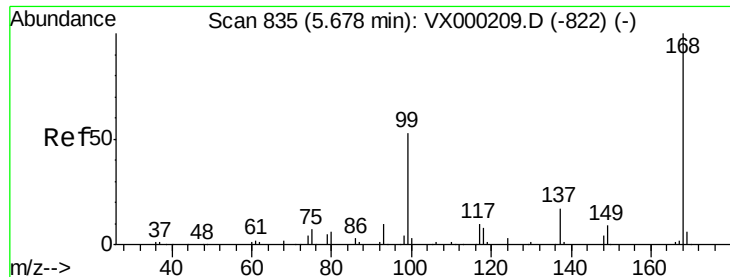
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

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Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

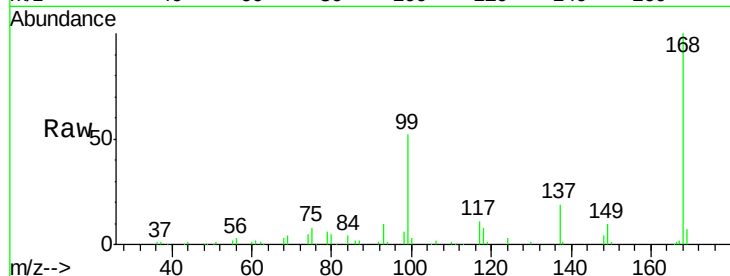
TP1-WC

Tgt Ion:168 Resp: 75837

Ion Ratio Lower Upper

168 100

99 51.9 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

30000

25000

20000

15000

10000

5000

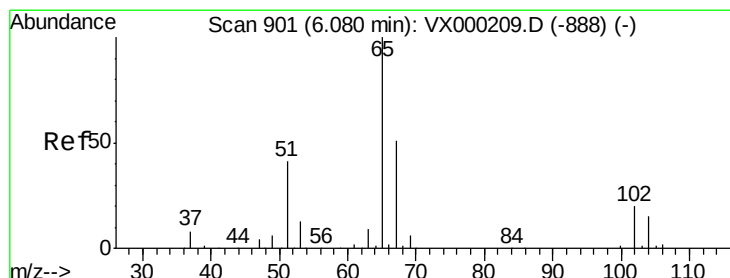
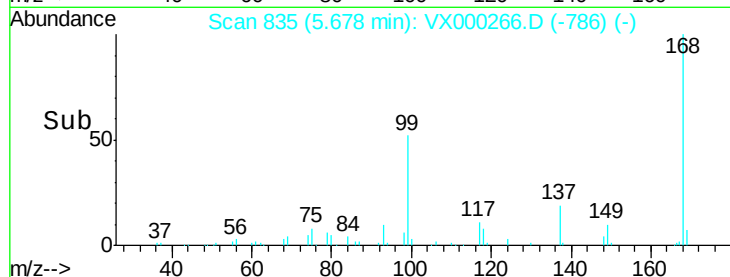
0

Time-->

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 49.98 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000266.D

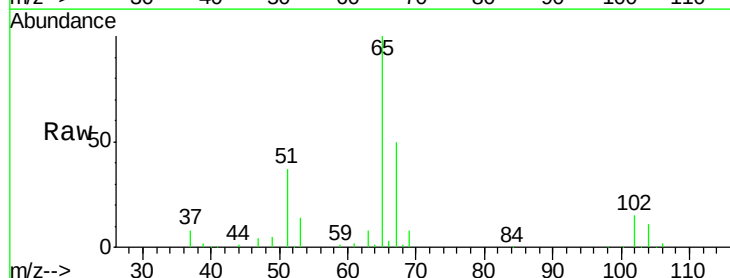
Acq: 09 Mar 2018 19:50

Tgt Ion: 65 Resp: 52537

Ion Ratio Lower Upper

65 100

67 50.0 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

20000

15000

10000

5000

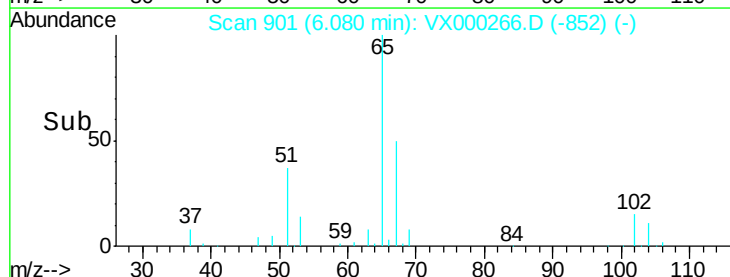
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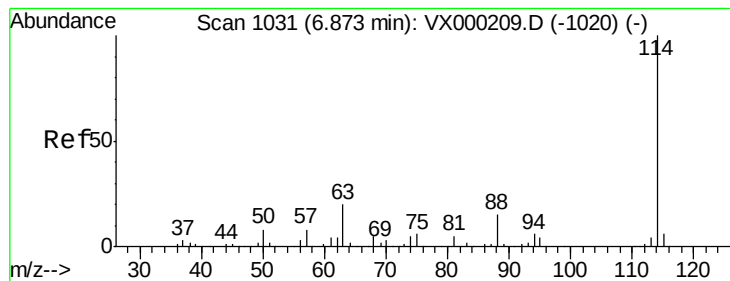
Time-->

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: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

TP1-WC

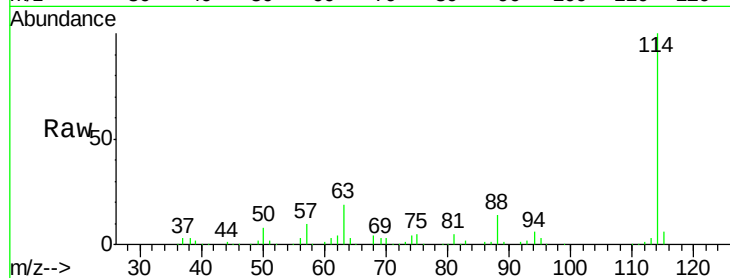
Tgt Ion:114 Resp: 129329

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

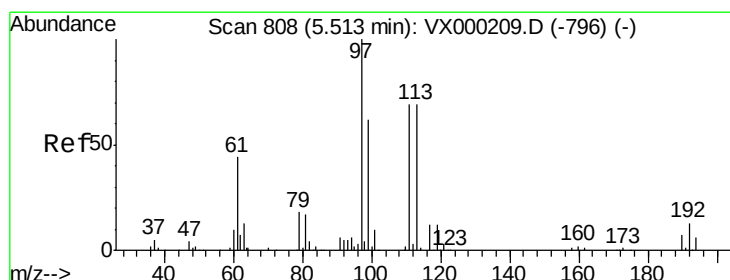
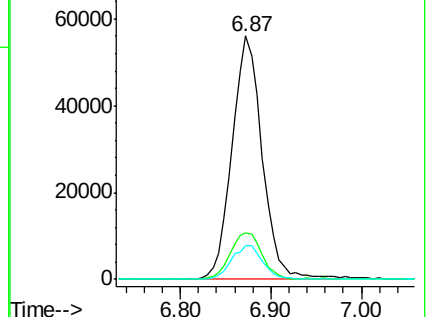
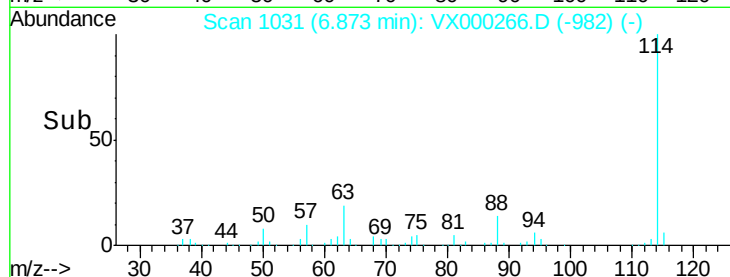
88 13.9 0.0 29.8



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: 49.41 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

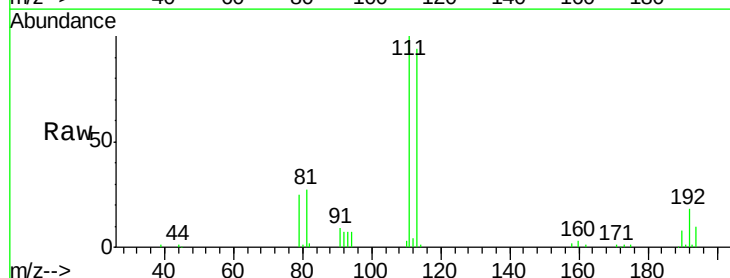
Tgt Ion:113 Resp: 40138

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

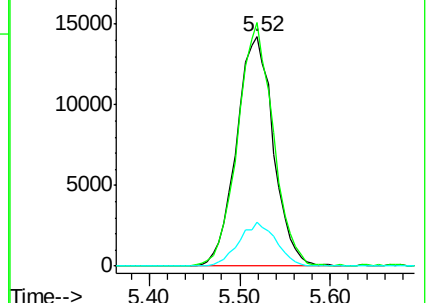
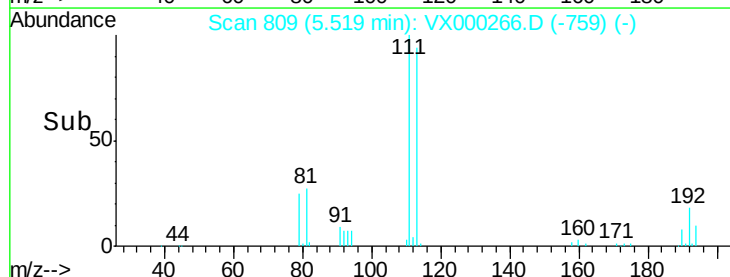
192 19.0 15.5 23.3

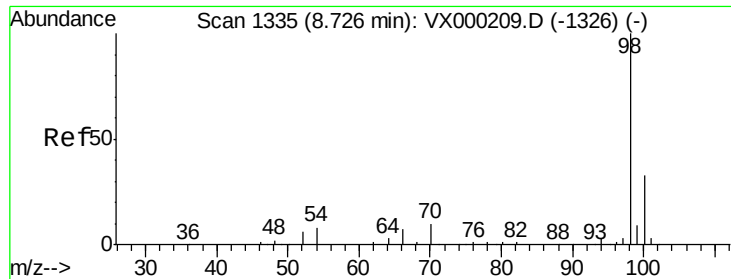


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

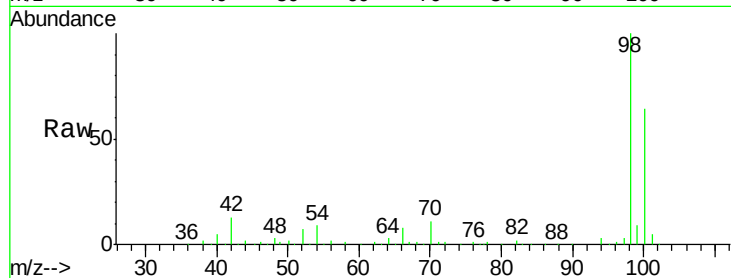




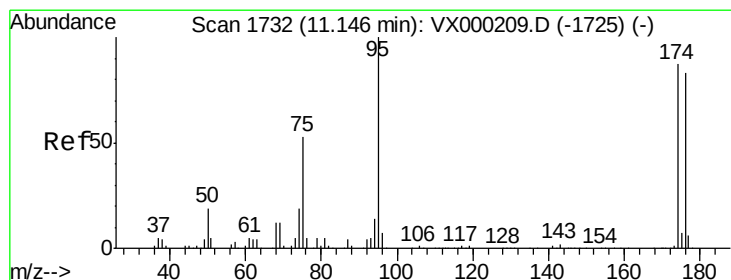
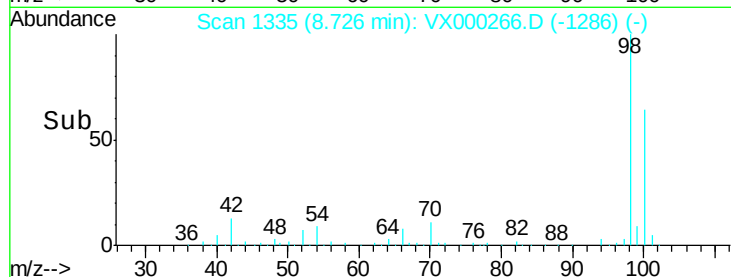
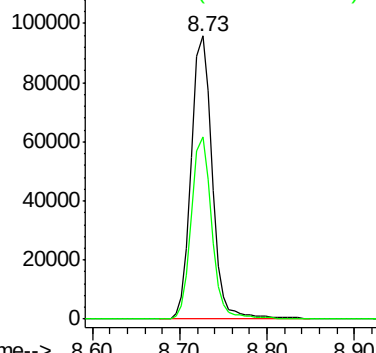
#50
Toluene-d8
Concen: 47.51 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

Tgt Ion: 98 Resp: 159843
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8

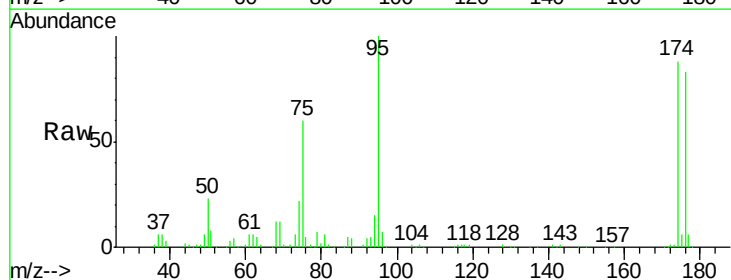


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

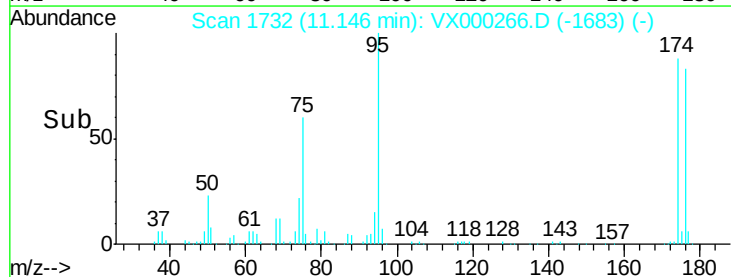
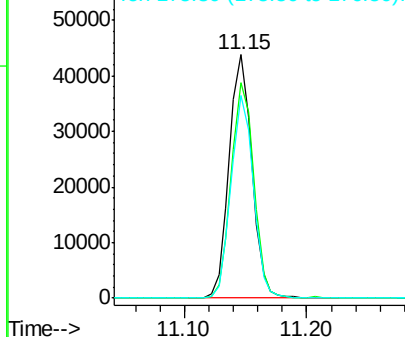


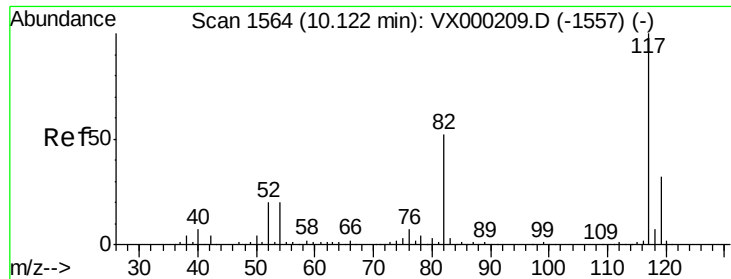
#62
4-Bromofluorobenzene
Concen: 42.72 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Tgt Ion: 95 Resp: 56103
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 81.7 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

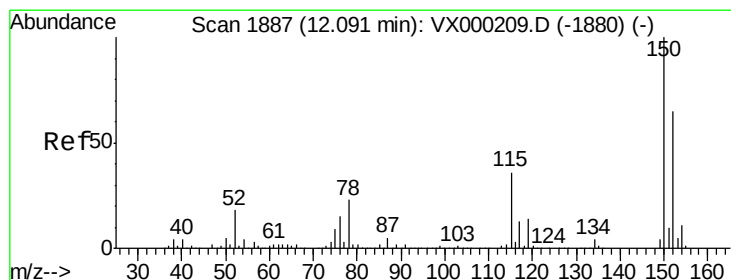
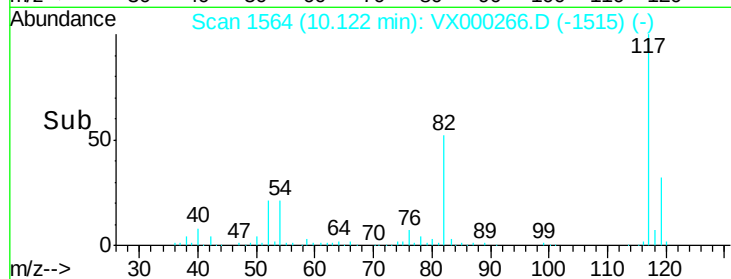
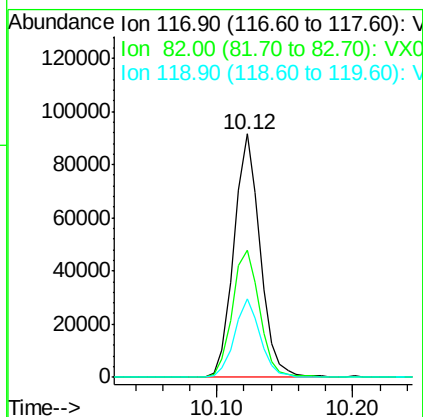
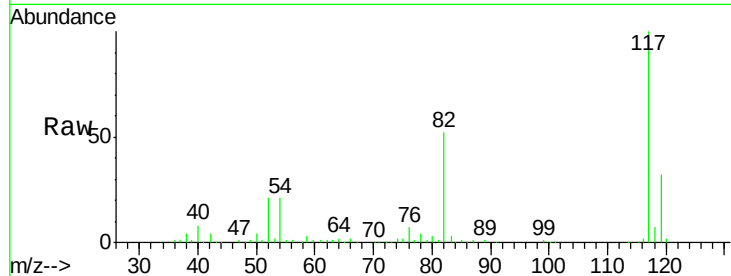




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

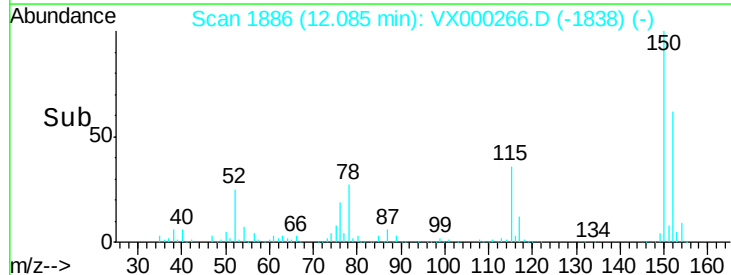
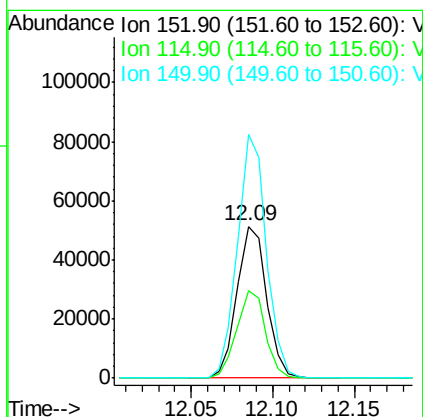
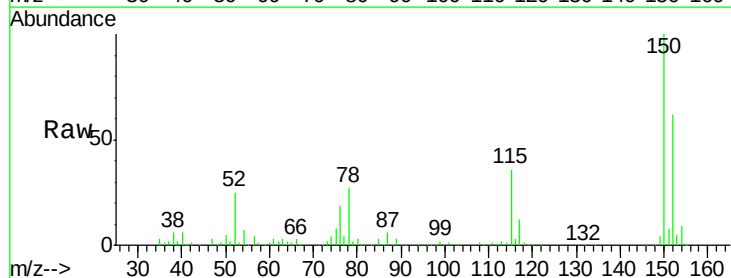
Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

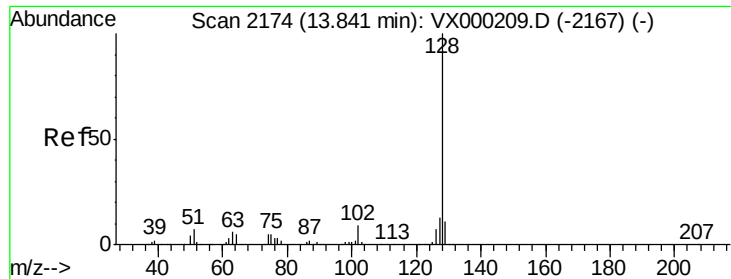
Tgt Ion:117 Resp: 123222
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Tgt Ion:152 Resp: 65278
Ion Ratio Lower Upper
152 100
115 55.8 39.8 119.3
150 156.0 0.0 345.0





#95

Naphthalene

Concen: 1.05 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

TP1-WC

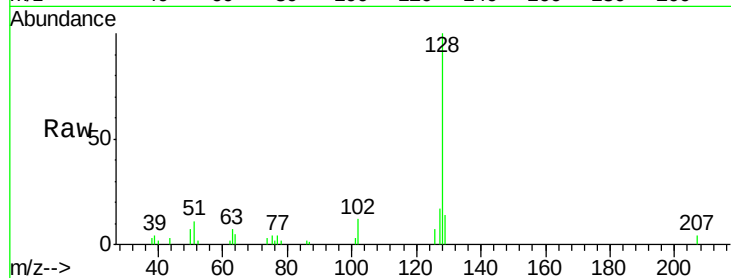
Tgt Ion:128 Resp: 5298

Ion Ratio Lower Upper

128 100

127 17.0 10.5 15.7#

129 11.6 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

