

Data File : VX000196.D
Acq On : 02 Mar 2018 17:18
Operator : JC/MD
Sample : J1767-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RO-72-11998

Quant Time: Mar 03 05:26:21 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	88990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	144034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	69892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	55945	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.52	113	42705	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.73	98	176546	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.15	95	61799	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	

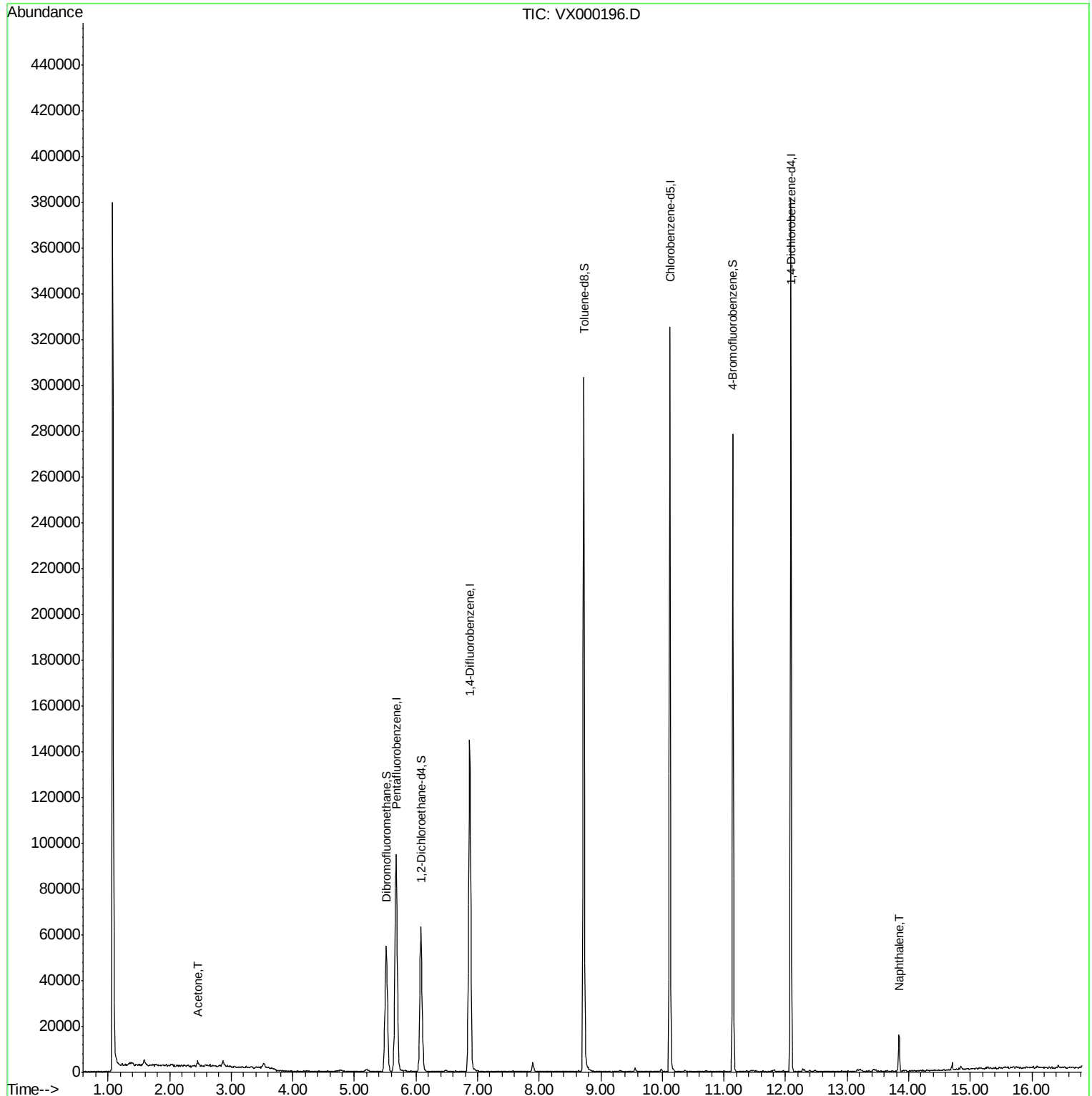
Target Compounds						Qvalue
16) Acetone	2.45	43	3307	4.59	ug/l	99
95) Naphthalene	13.84	128	9031	1.57	ug/l	98

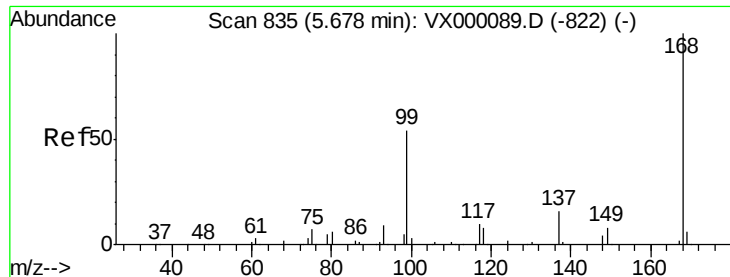
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_X

ClientSampleId :

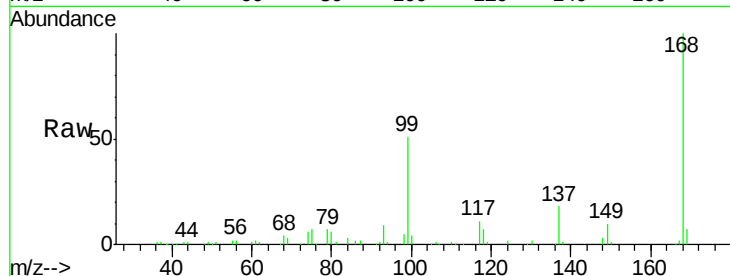
RO-72-11998

Tgt Ion:168 Resp: 88990

Ion Ratio Lower Upper

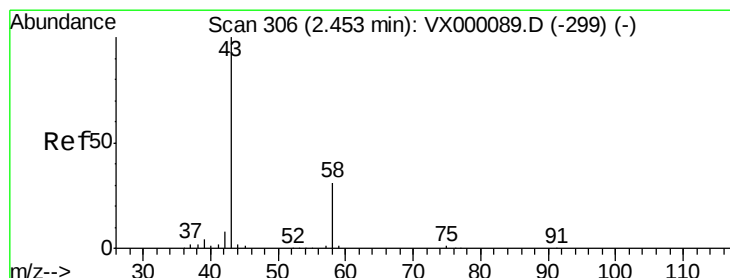
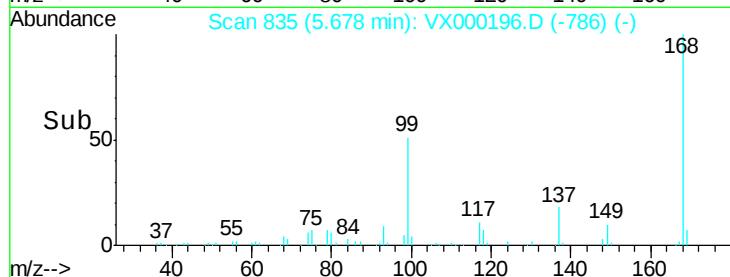
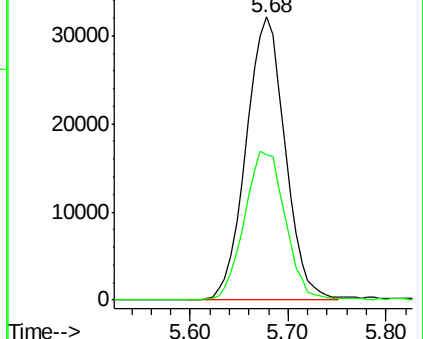
168 100

99 51.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000196.D

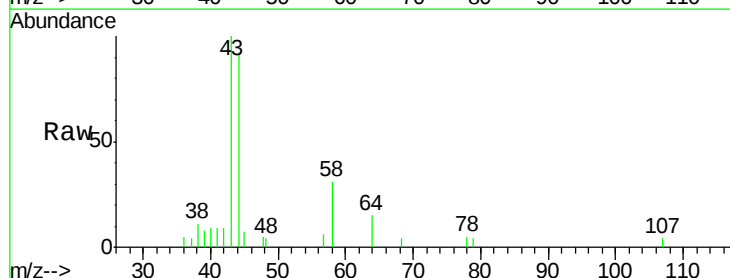
Acq: 02 Mar 2018 17:18

Tgt Ion: 43 Resp: 3307

Ion Ratio Lower Upper

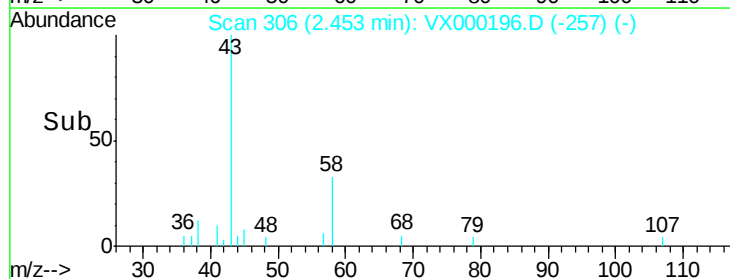
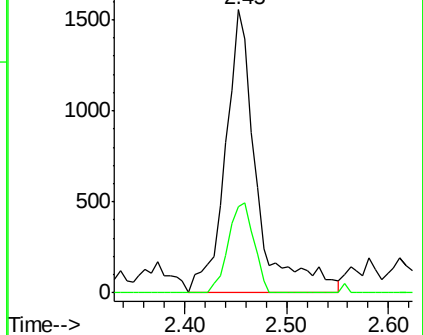
43 100

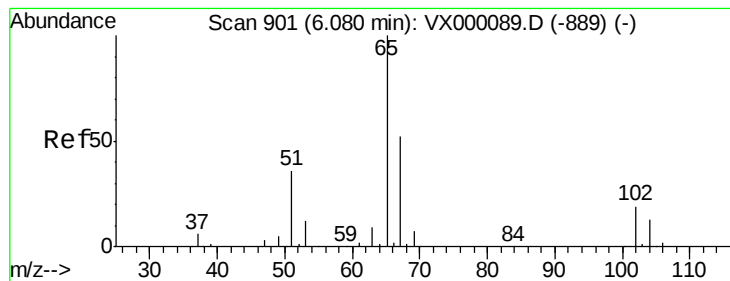
58 30.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.34 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000196.D

Acq: 02 Mar 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

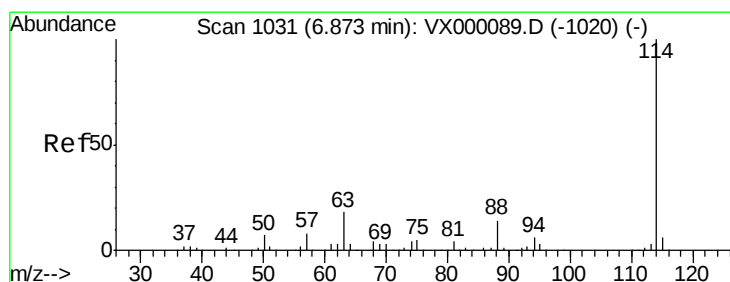
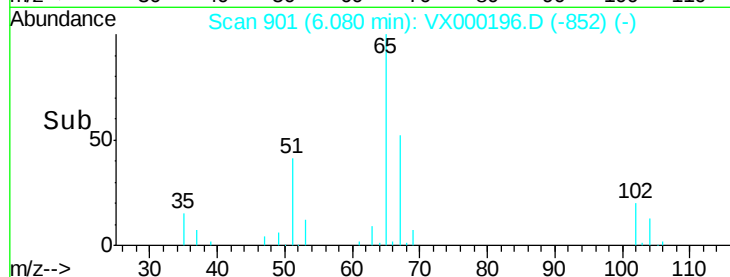
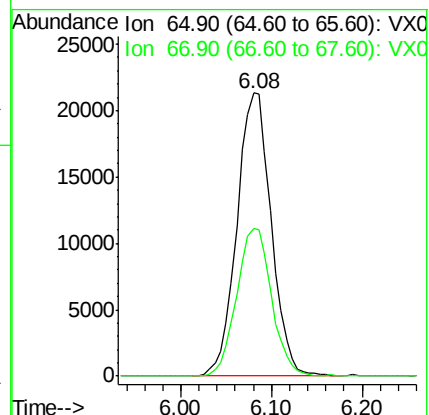
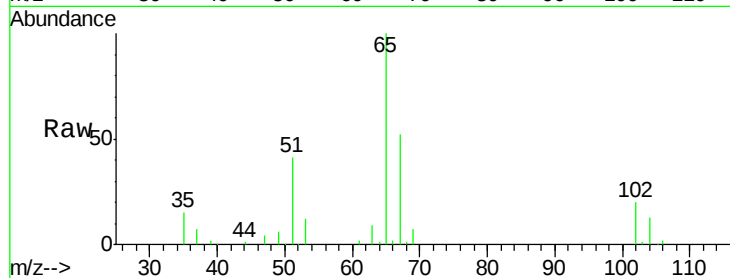
RO-72-11998

Tgt Ion: 65 Resp: 55945

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000196.D

Acq: 02 Mar 2018 17:18

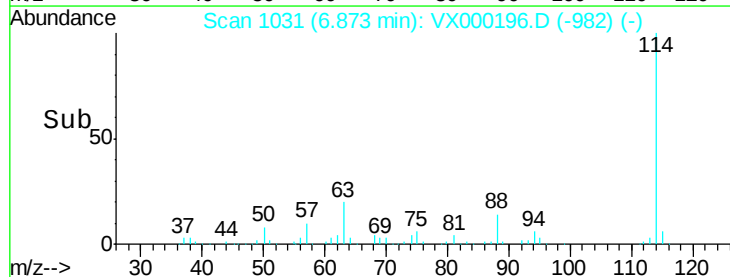
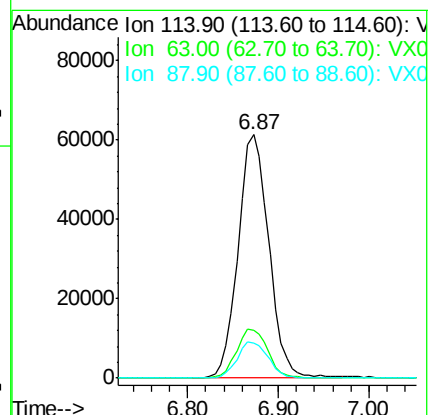
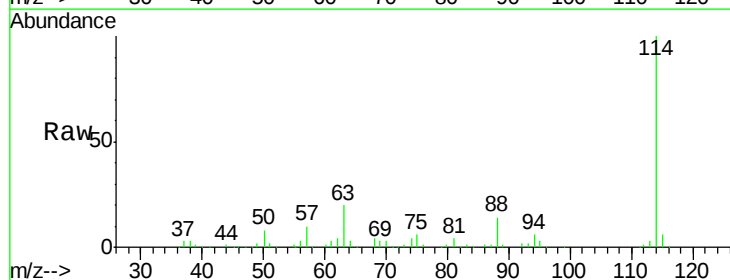
Tgt Ion: 114 Resp: 144034

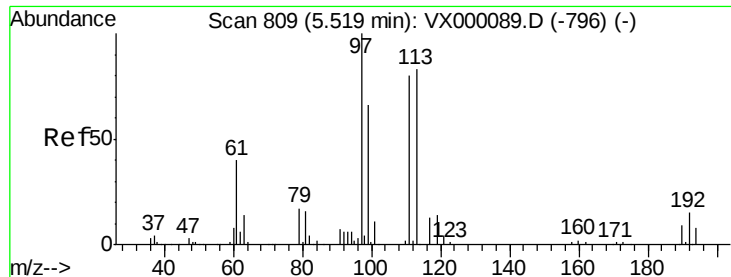
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.98 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000196.D

Acq: 02 Mar 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

RO-72-11998

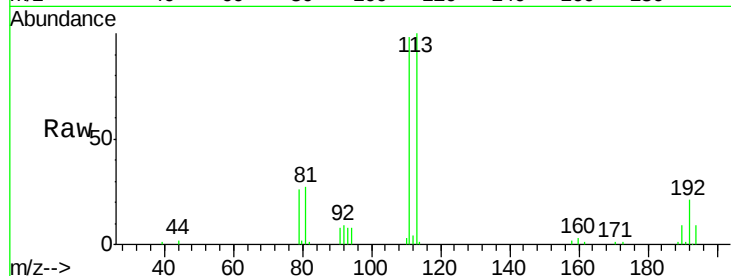
Tgt Ion:113 Resp: 42705

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

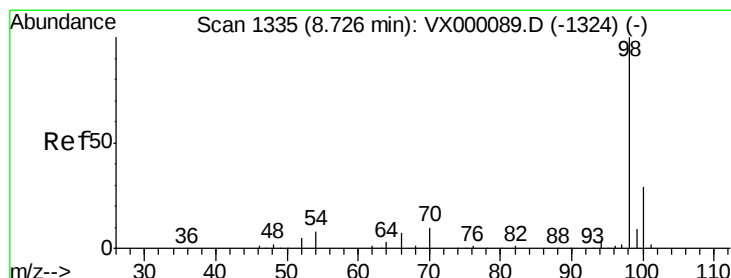
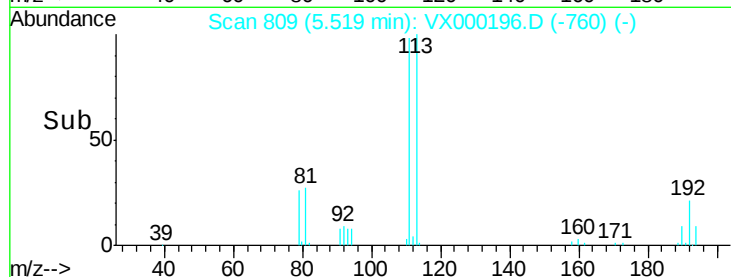
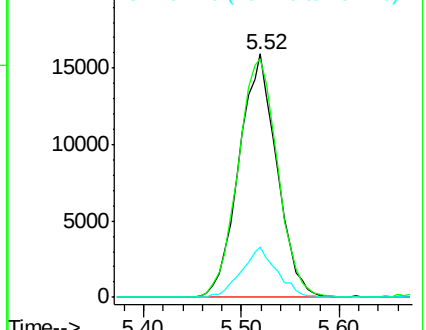
192 19.3 15.7 23.5



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: 49.23 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000196.D

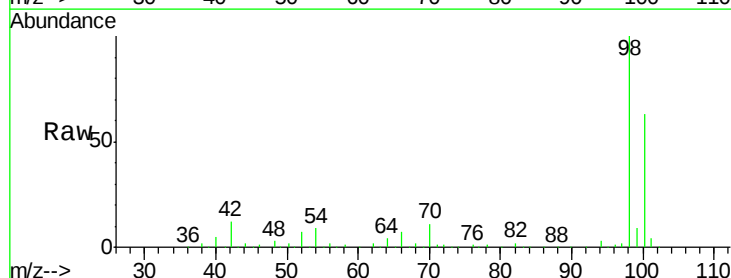
Acq: 02 Mar 2018 17:18

Tgt Ion: 98 Resp: 176546

Ion Ratio Lower Upper

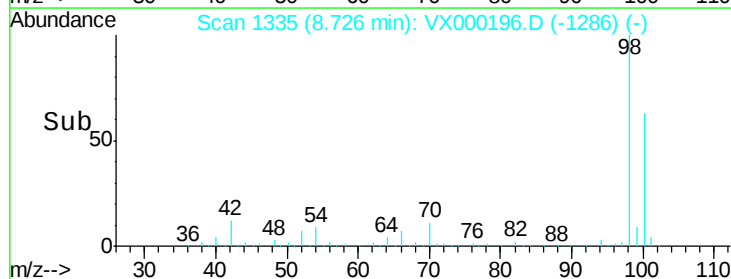
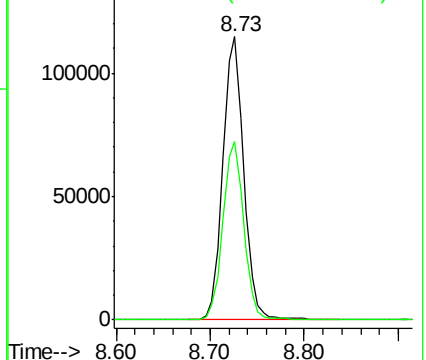
98 100

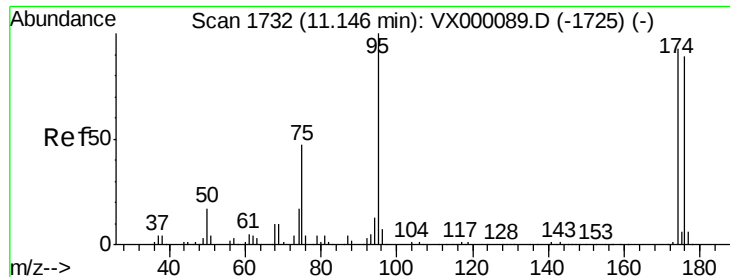
100 63.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

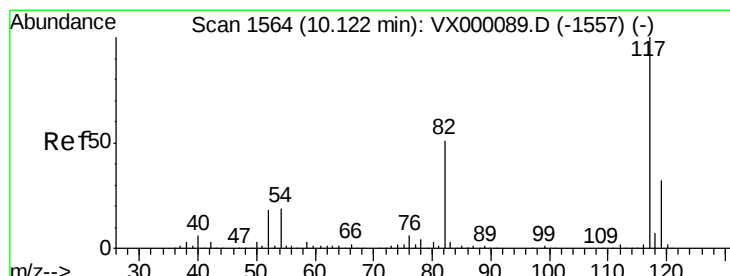
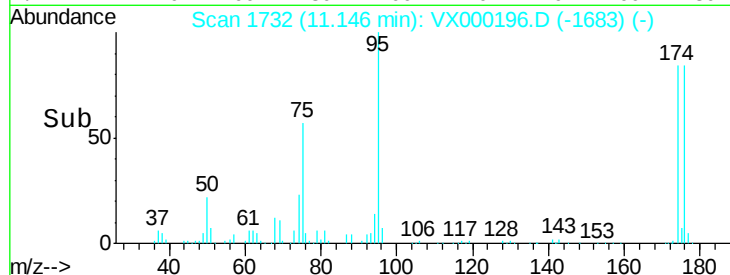
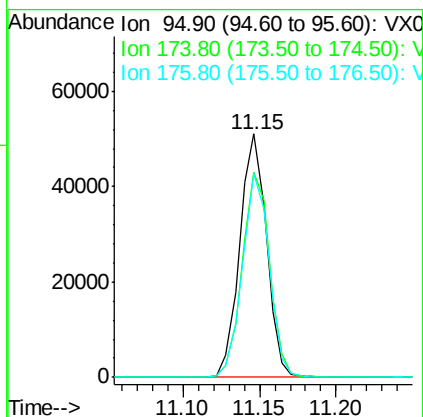
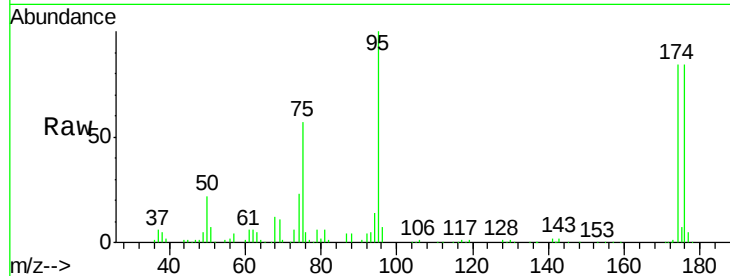




#62
4-Bromofluorobenzene
Concen: 43.95 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000196.D
Acq: 02 Mar 2018 17:18

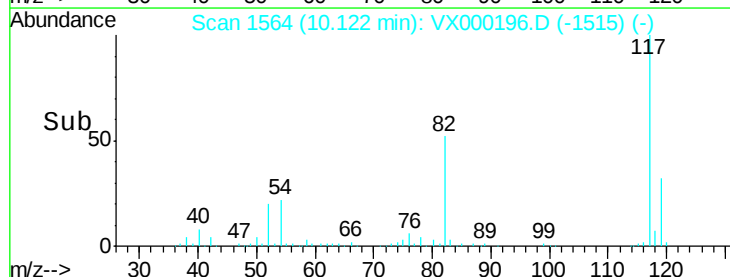
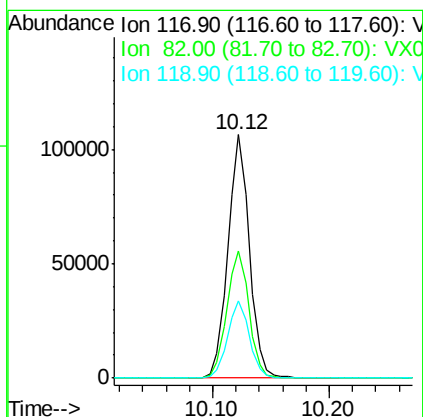
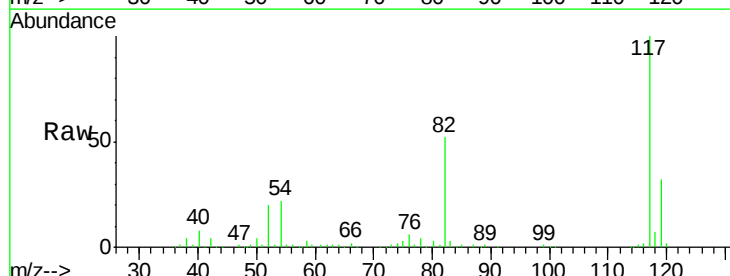
Instrument :
MSVOA_X
ClientSampleId :
RO-72-11998

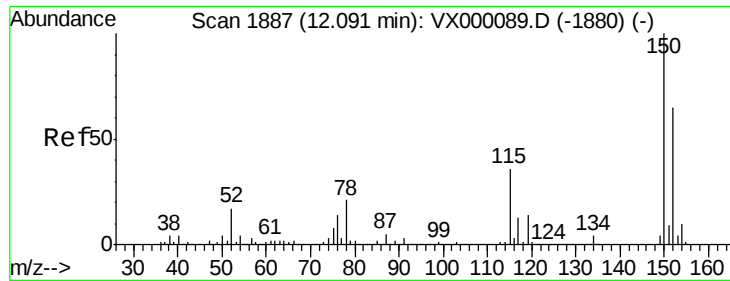
Tgt Ion: 95 Resp: 61799
Ion Ratio Lower Upper
95 100
174 86.4 0.0 187.8
176 84.2 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000196.D
Acq: 02 Mar 2018 17:18

Tgt Ion: 117 Resp: 136460
Ion Ratio Lower Upper
117 100
82 52.3 41.0 61.6
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000196.D

Acq: 02 Mar 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

RO-72-11998

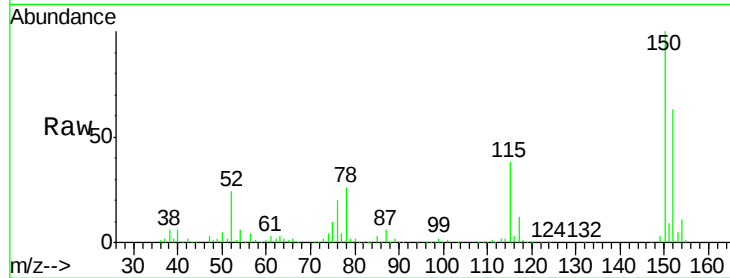
Tgt Ion:152 Resp: 69892

Ion Ratio Lower Upper

152 100

115 59.4 39.1 117.2

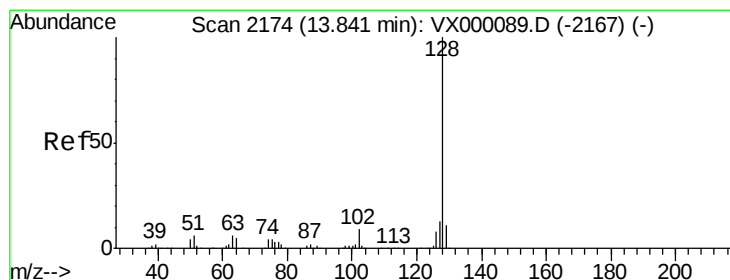
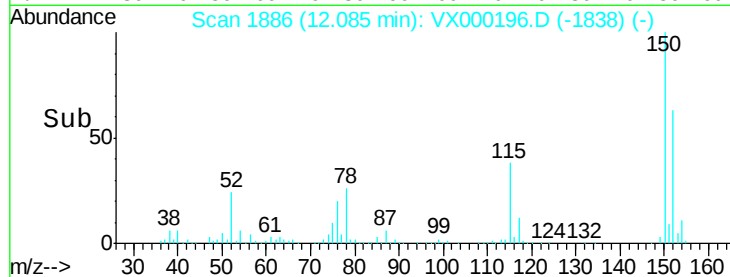
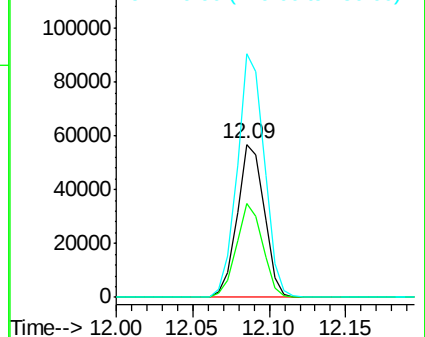
150 158.9 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000196.D

Acq: 02 Mar 2018 17:18

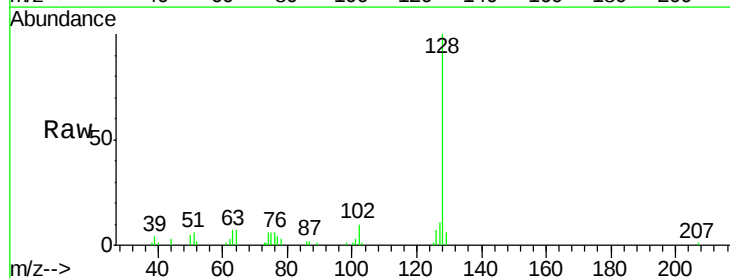
Tgt Ion:128 Resp: 9031

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 9.7 8.7 13.1



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

