

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002790.D
 Acq On : 21 Jun 2018 16:03
 Operator : JC/MD
 Sample : J3570-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Quant Time: Jun 22 01:47:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

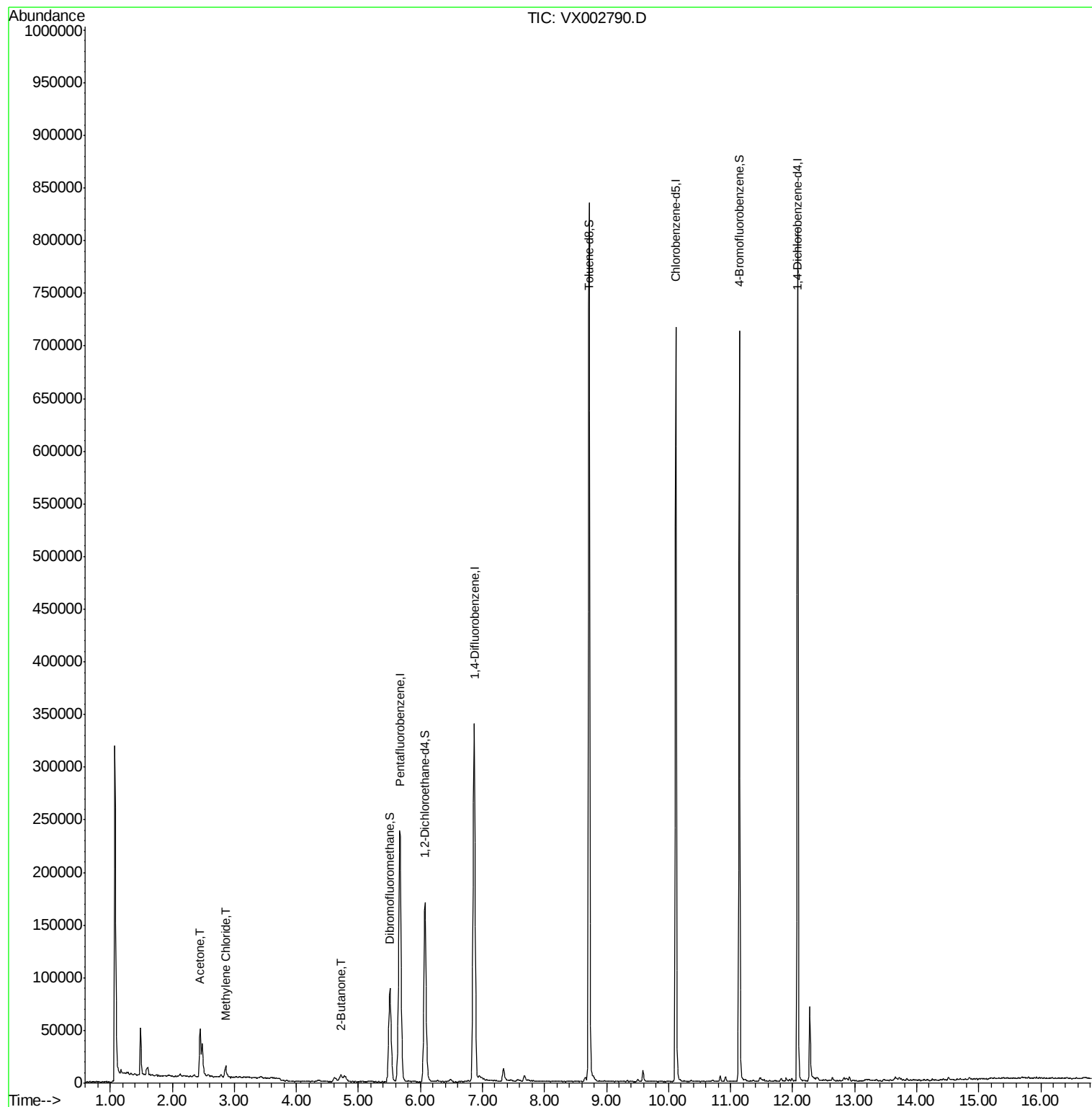
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161212	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	5.51	113	70668	26.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.10%	
50) Toluene-d8	8.72	98	481364	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.14	95	165406	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
16) Acetone	2.45	43	50253	31.64	ug/l	99
20) Methylene Chloride	2.86	84	4886	1.50	ug/l	98
25) 2-Butanone	4.71	43	10694	5.13	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002790.D

Acq: 21 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

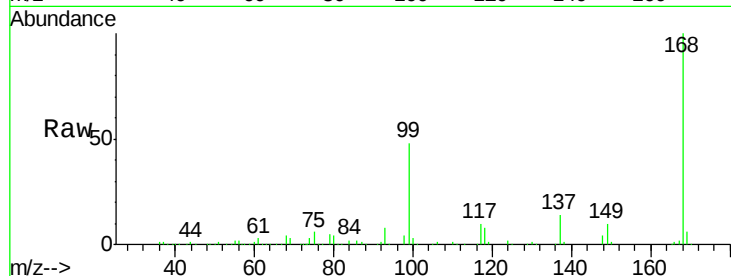
20180373-AMENDED-COMPOSITE-

Tot Ion:168 Resp: 236925

Ion Ratio Lower Upper

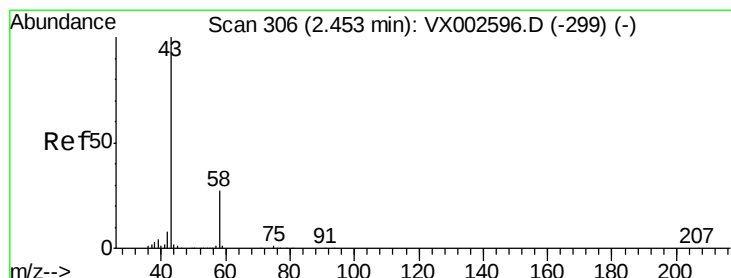
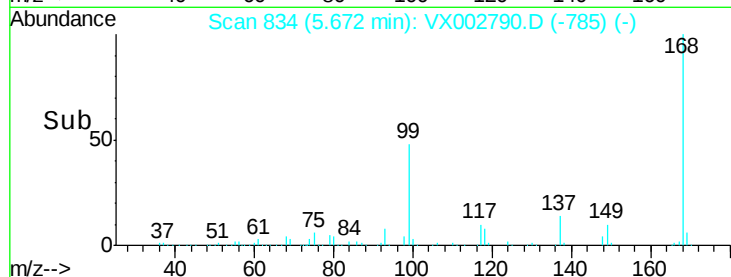
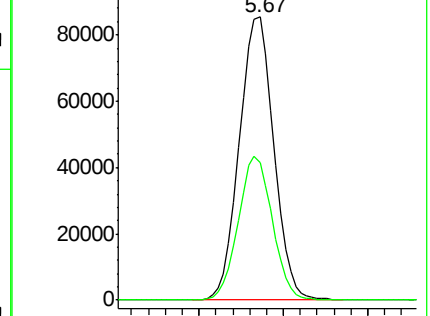
168 100

99 48.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 31.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002790.D

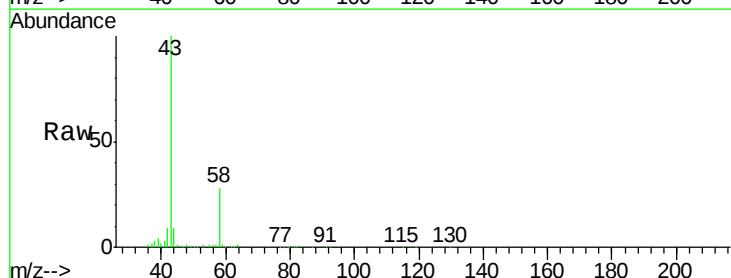
Acq: 21 Jun 2018 16:03

Tgt Ion: 43 Resp: 50253

Ion Ratio Lower Upper

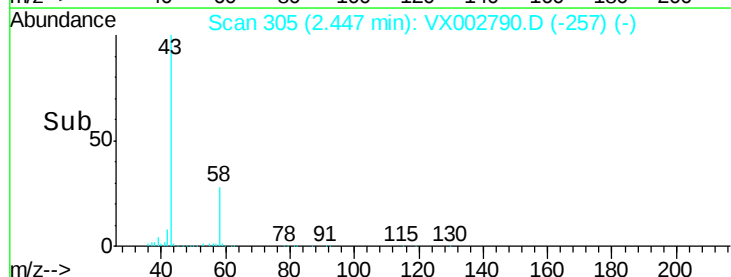
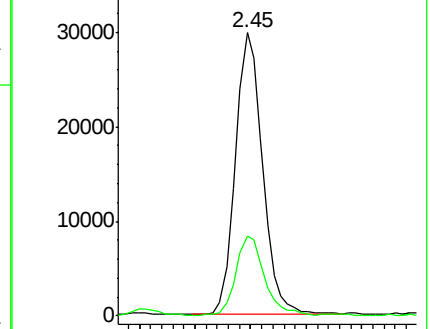
43 100

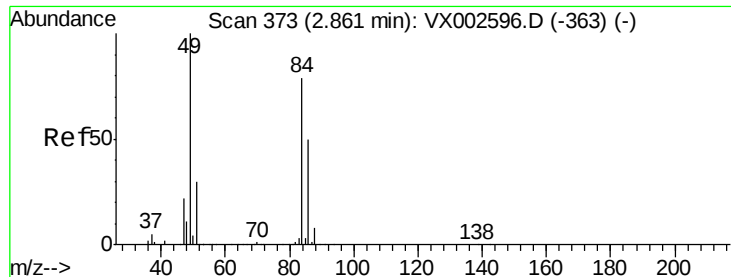
58 28.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

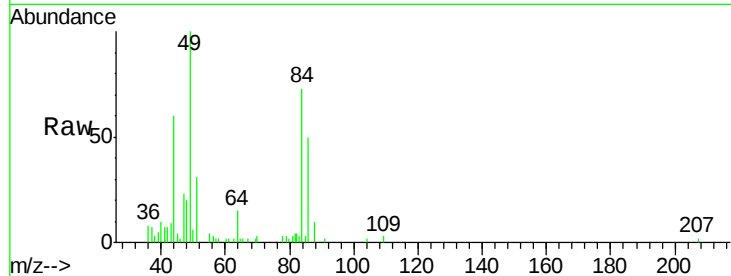




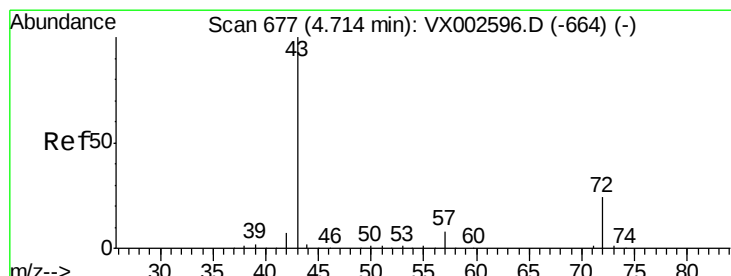
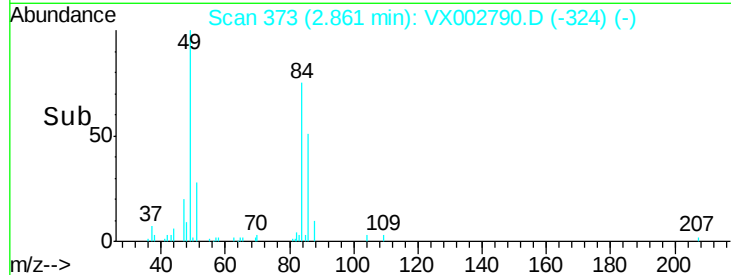
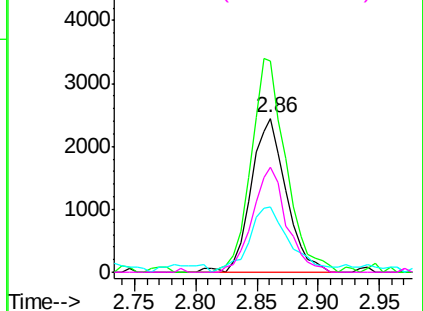
#20
Methvlene Chloride
Concen: 1.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion: 84 Resp: 4886
Ion Ratio Lower Upper
84 100
49 136.8 107.8 161.6
51 39.2 32.8 49.2
86 67.9 52.5 78.7

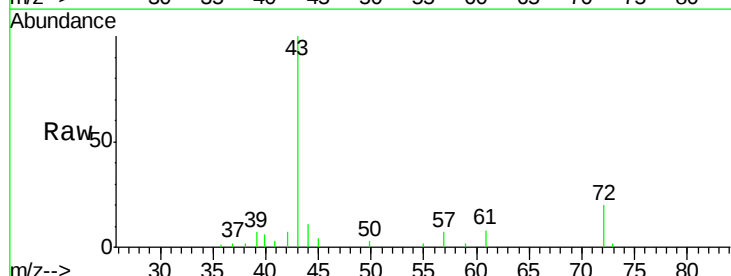


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

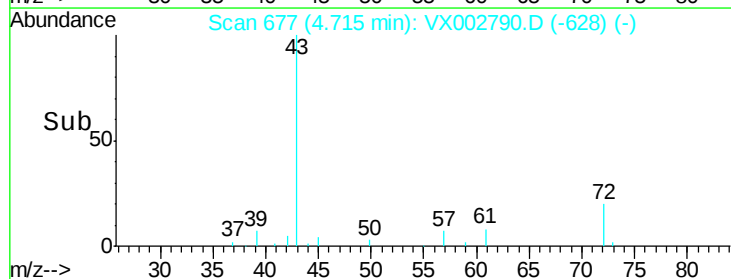
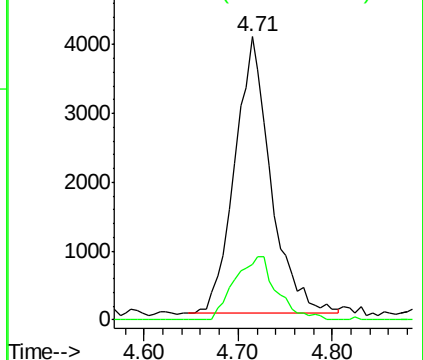


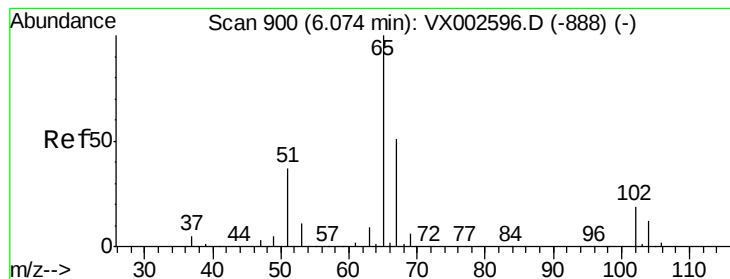
#25
2-Butanone
Concen: 5.13 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 43 Resp: 10694
Ion Ratio Lower Upper
43 100
72 20.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002790.D

Acq: 21 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

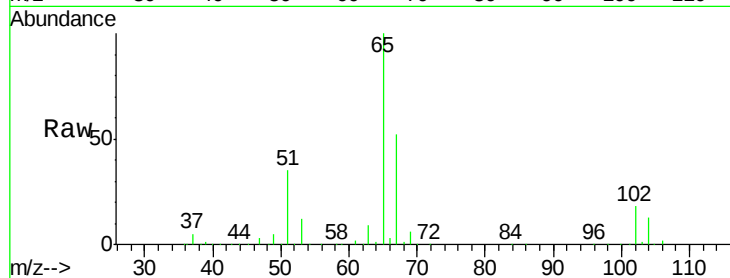
20180373-AMENDED-COMPOSITE-

Tot Ion: 65 Resp: 161212

Ion Ratio Lower Upper

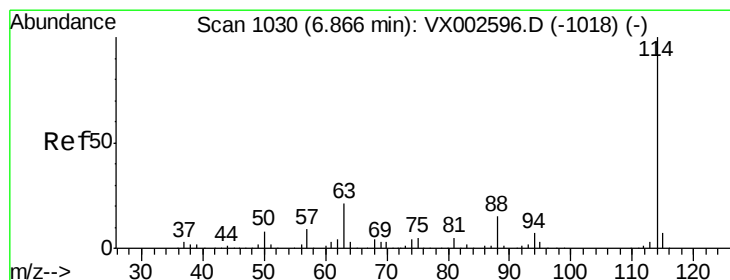
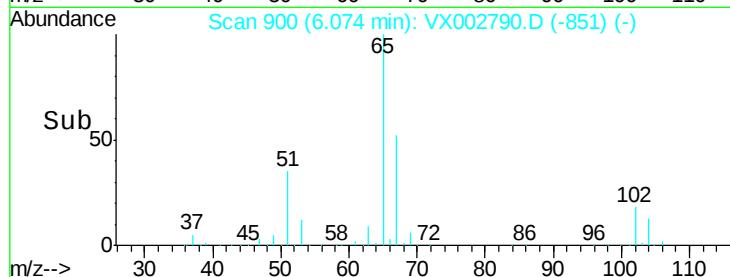
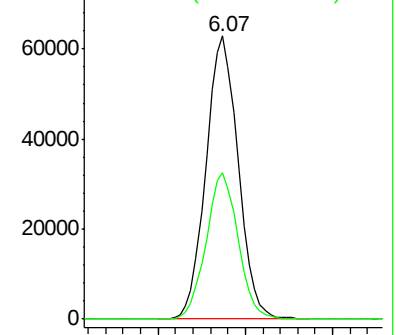
65 100

67 51.3 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: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002790.D

Acq: 21 Jun 2018 16:03

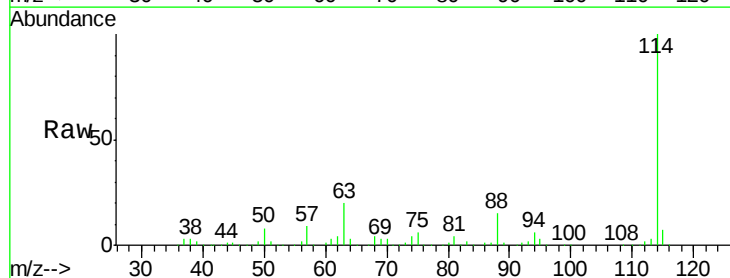
Tgt Ion: 114 Resp: 333489

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

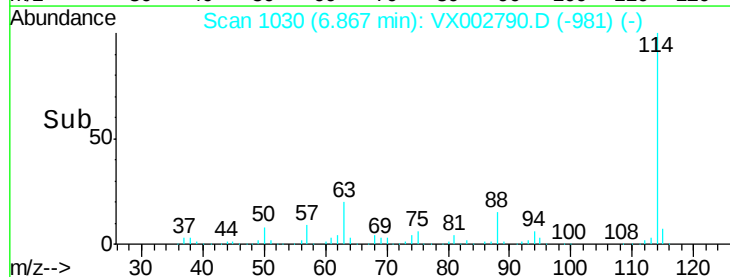
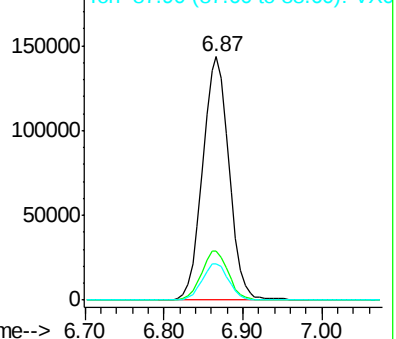
88 14.9 0.0 30.0

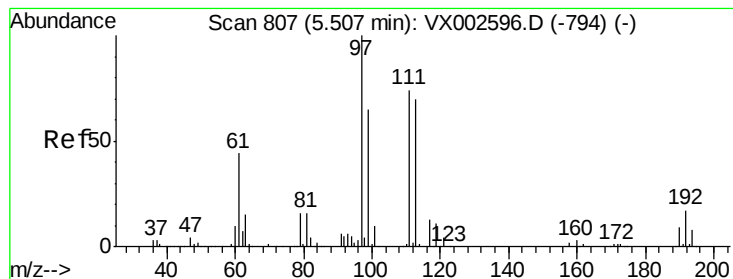


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 26.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002790.D

Acq: 21 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

20180373-AMENDED-COMPOSITE-

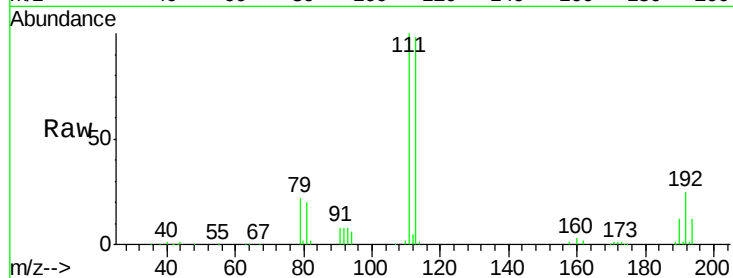
Tot Ion:113 Resp: 70668

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

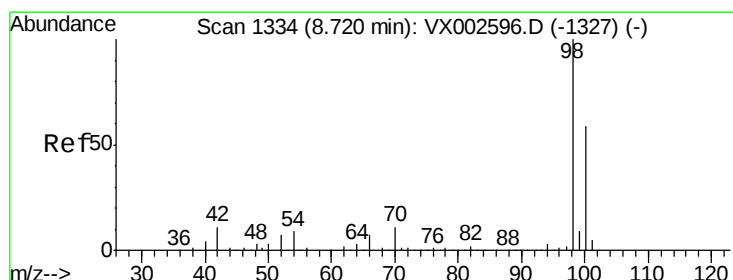
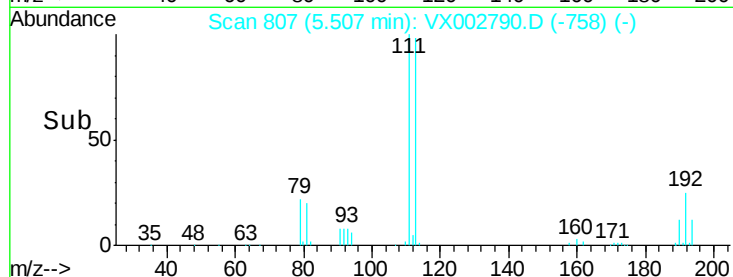
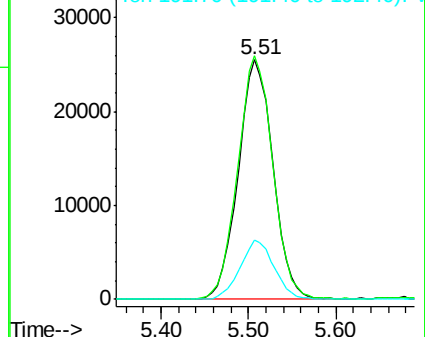
192 24.2 19.1 28.7



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: 47.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002790.D

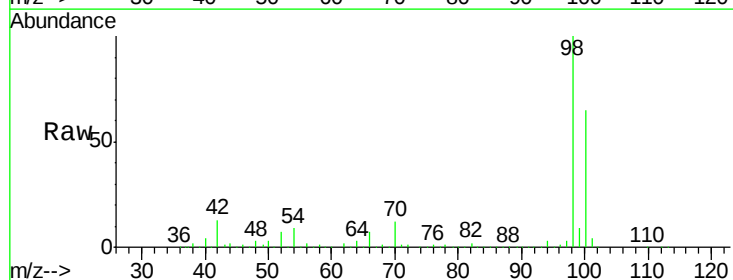
Acq: 21 Jun 2018 16:03

Tgt Ion: 98 Resp: 481364

Ion Ratio Lower Upper

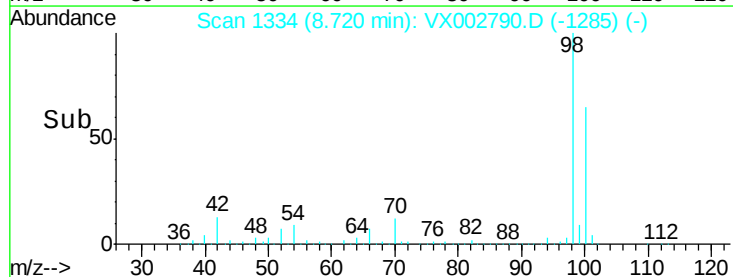
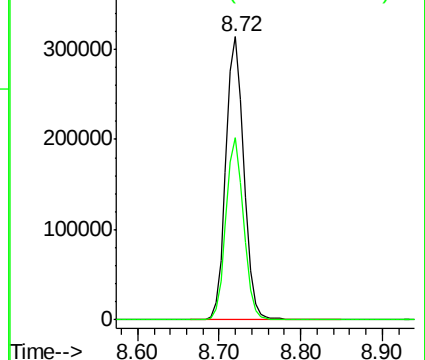
98 100

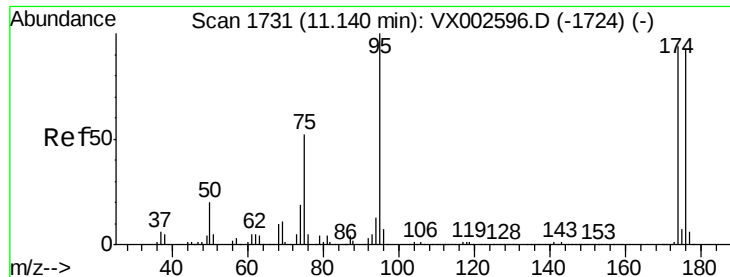
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

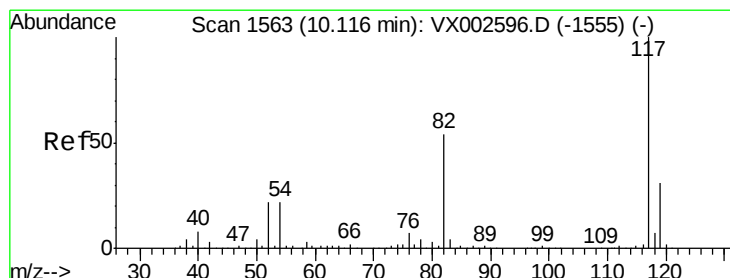
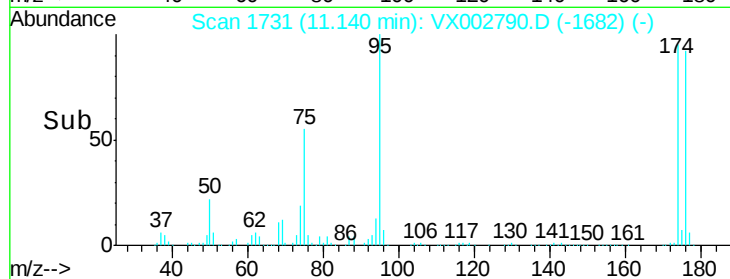
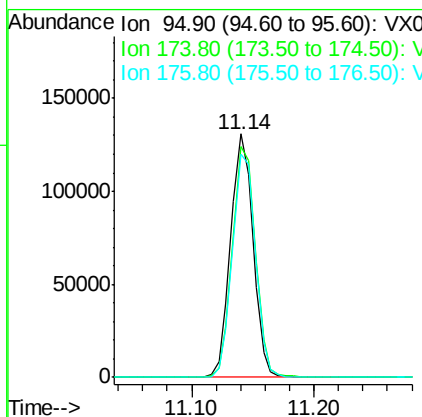
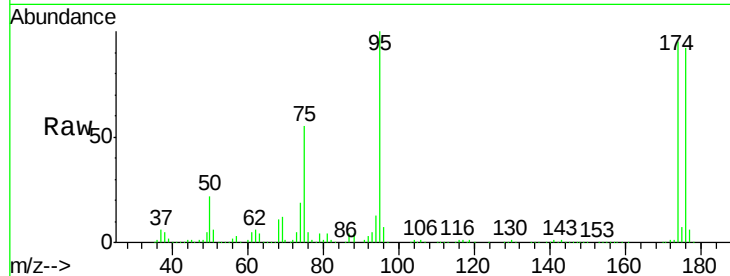




#62
4-Bromofluorobenzene
Concen: 43.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

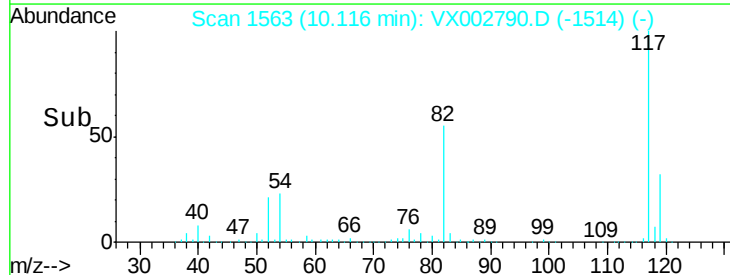
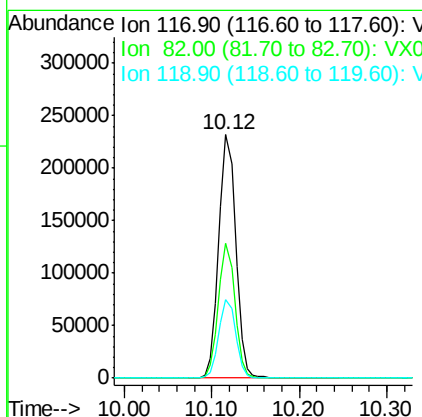
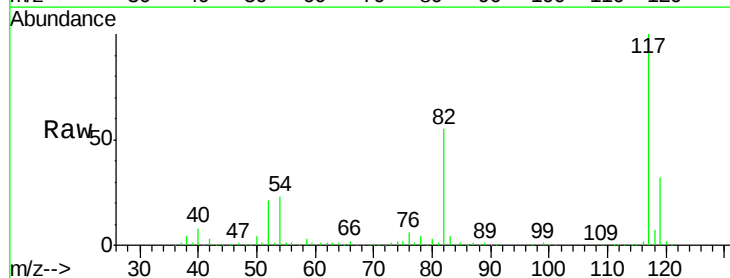
Instrument :
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20180373-AMENDED-COMPOSITE-

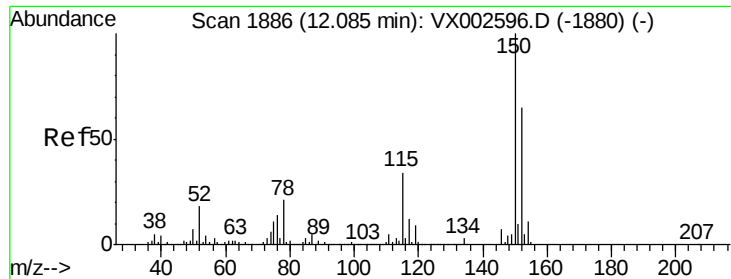
Tot Ion: 95 Resp: 165406
Ion Ratio Lower Upper
95 100
174 97.6 0.0 187.4
176 94.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 117 Resp: 313201
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002790.D

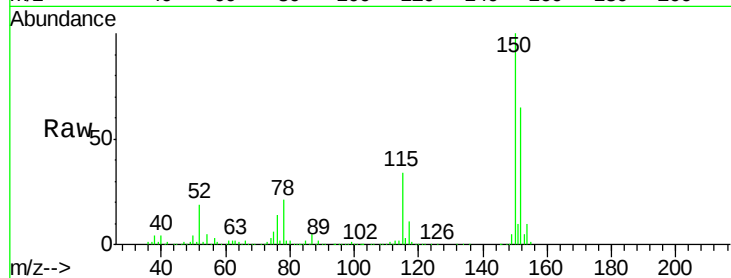
Acq: 21 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

20180373-AMENDED-COMPOSITE-



Tot Ion:152 Resp: 175992

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 155.2 0.0 347.2

