

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004103.D
 Acq On : 16 Aug 2018 05:47
 Operator : JC/MD
 Sample : J4495-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW636-180814

Quant Time: Aug 16 16:47:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

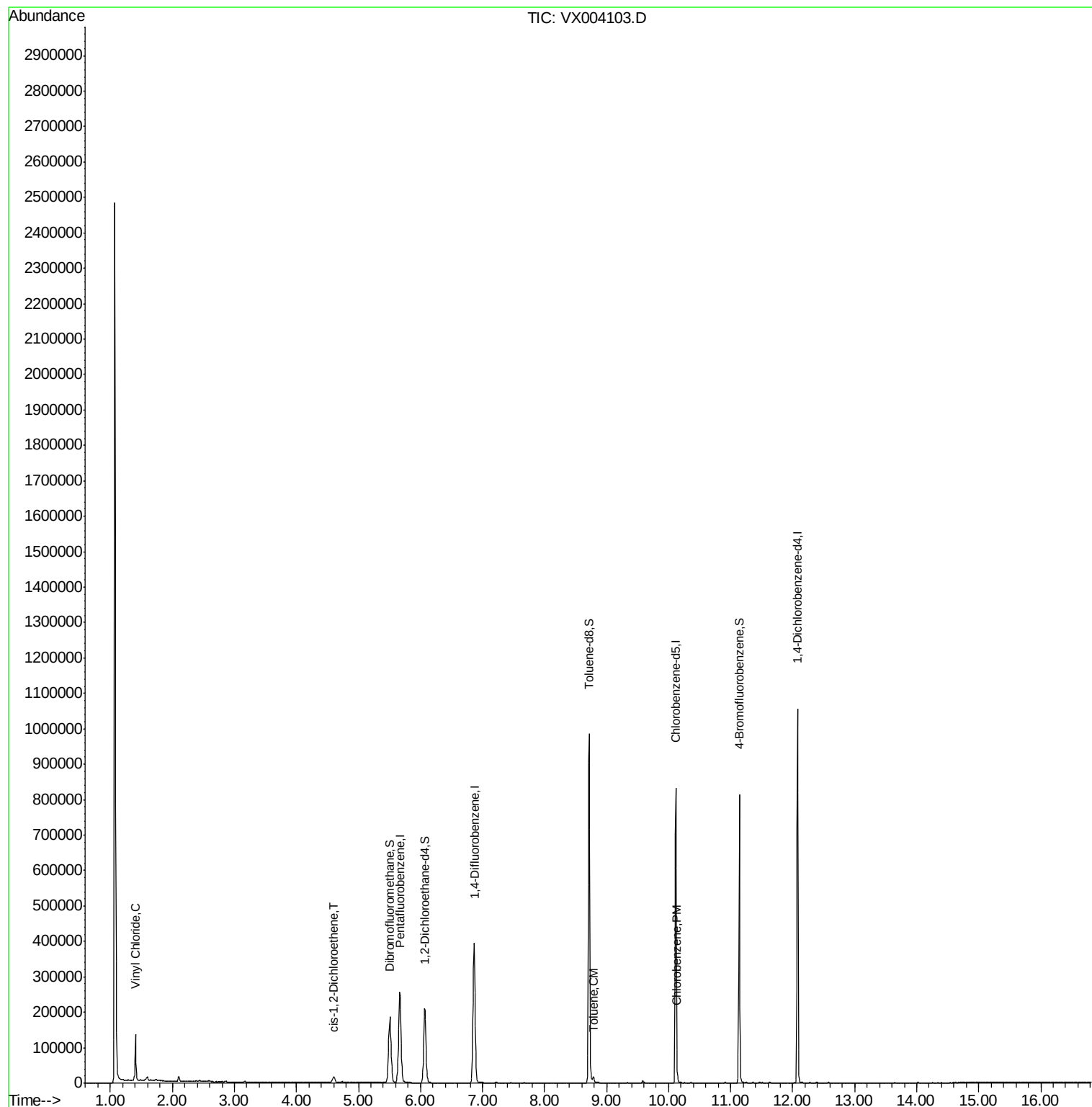
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194099	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	5.51	113	158510	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	8.72	98	577833	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.14	95	198470	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
Target Compounds						
4) Vinyl Chloride	1.40	62	88009	26.55	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	10184	2.96	ug/l	98
52) Toluene	8.79	92	4803	0.55	ug/l	95
65) Chlorobenzene	10.14	112	4552	0.46	ug/l #	82

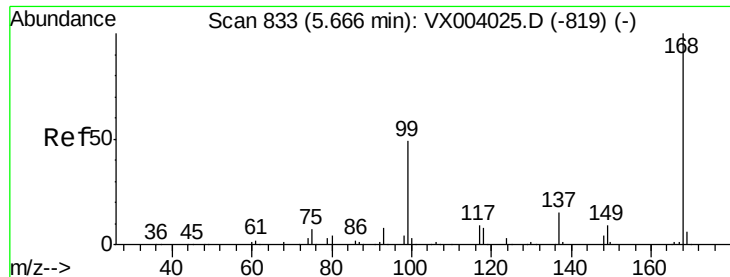
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004103.D

Acq: 16 Aug 2018 05:47

Instrument :

MSVOA_X

ClientSampleId :

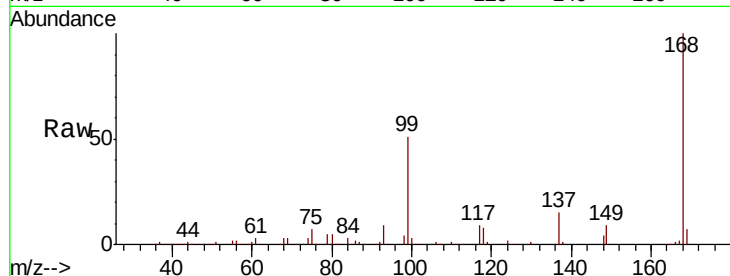
SS050MW636-180814

Tot Ion:168 Resp: 256495

Ion Ratio Lower Upper

168 100

99 50.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

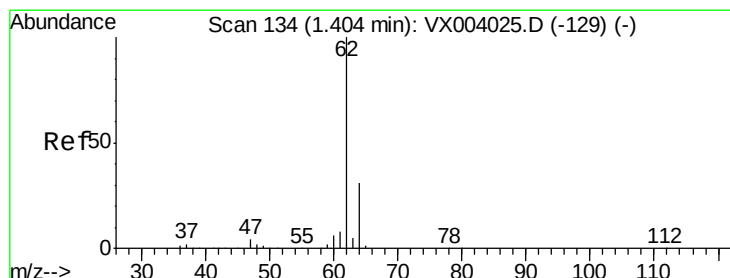
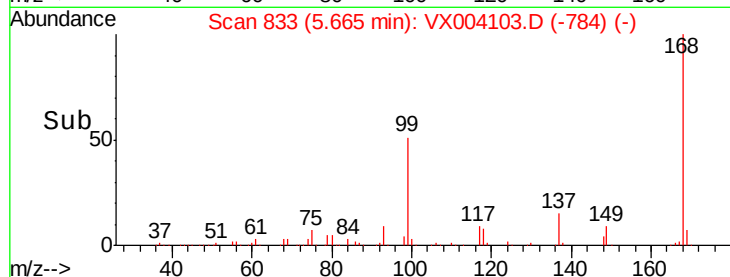
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 26.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004103.D

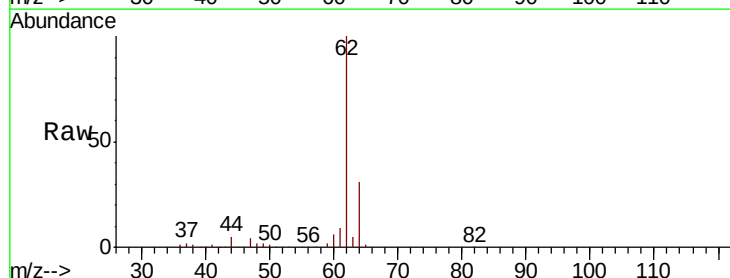
Acq: 16 Aug 2018 05:47

Tgt Ion: 62 Resp: 88009

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

80000

60000

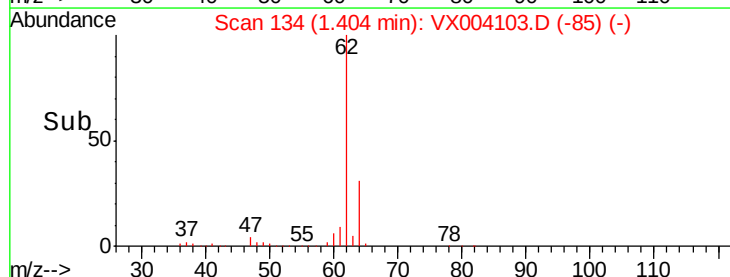
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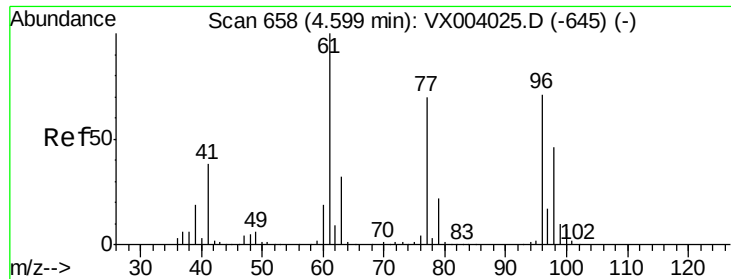
20000

0

Time-->

1.40 1.50





#27

cis-1,2-Dichloroethene

Concen: 2.96 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004103.D

Acq: 16 Aug 2018 05:47

Instrument :

MSVOA_X

ClientSampleId :

SS050MW636-180814

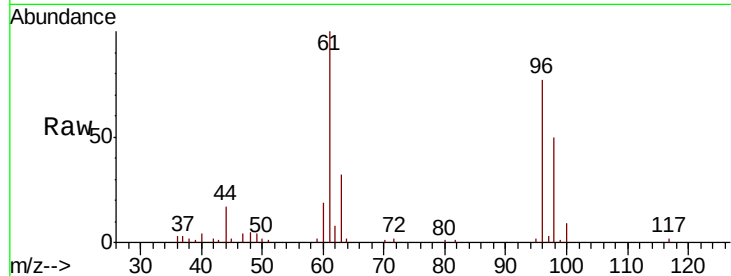
Tot Ion: 96 Resp: 10184

Ion Ratio Lower Upper

96 100

61 144.2 0.0 293.0

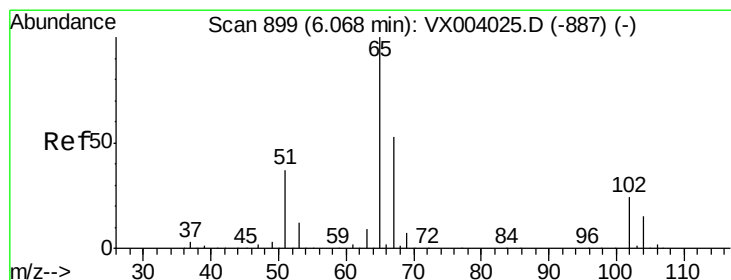
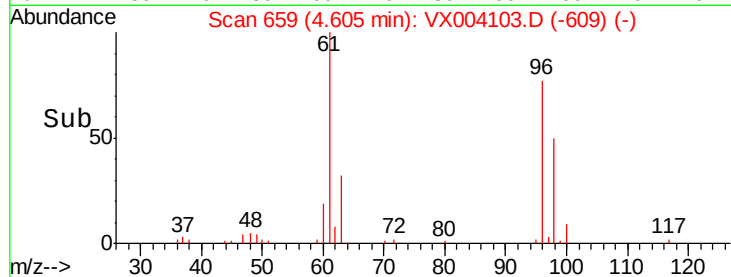
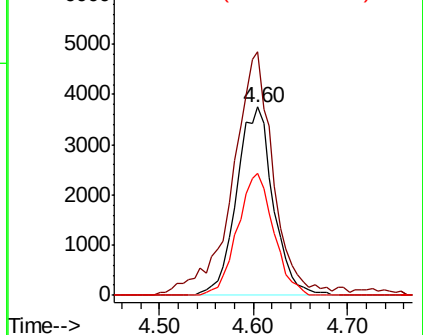
98 63.6 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.71 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004103.D

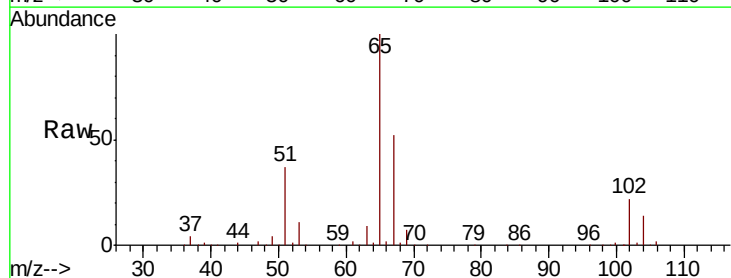
Acq: 16 Aug 2018 05:47

Tgt Ion: 65 Resp: 194099

Ion Ratio Lower Upper

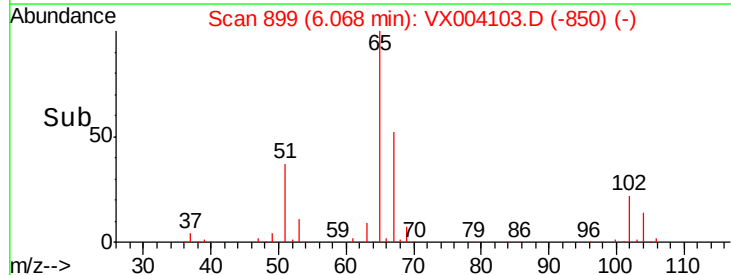
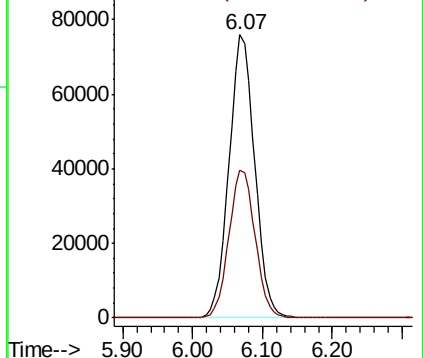
65 100

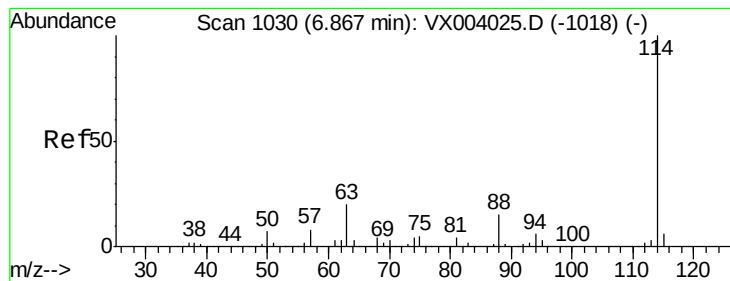
67 53.2 0.0 105.8



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: VX004103.D

Acq: 16 Aug 2018 05:47

Instrument :

MSVOA_X

ClientSampleId :

SS050MW636-180814

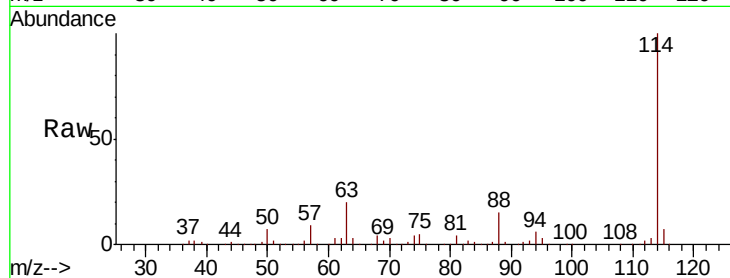
Tot Ion:114 Resp: 402781

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

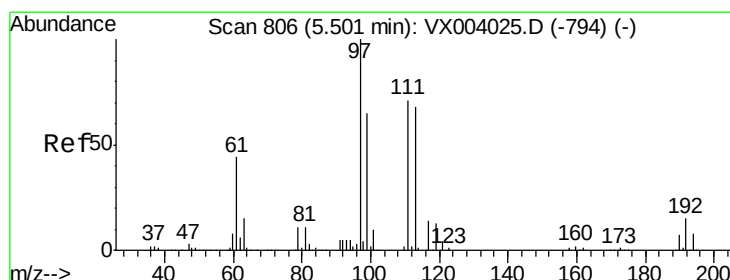
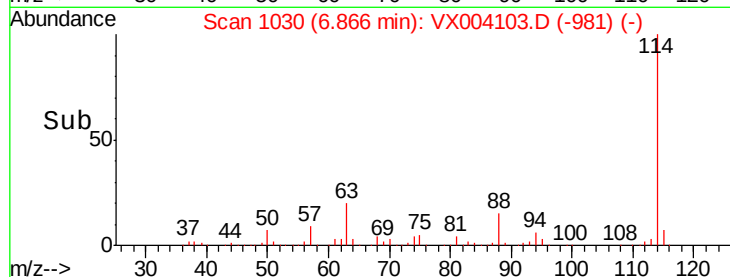
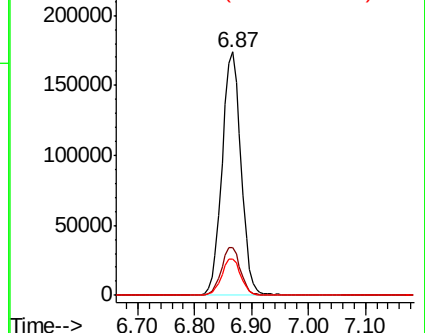
88 15.0 0.0 32.0



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: 52.58 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004103.D

Acq: 16 Aug 2018 05:47

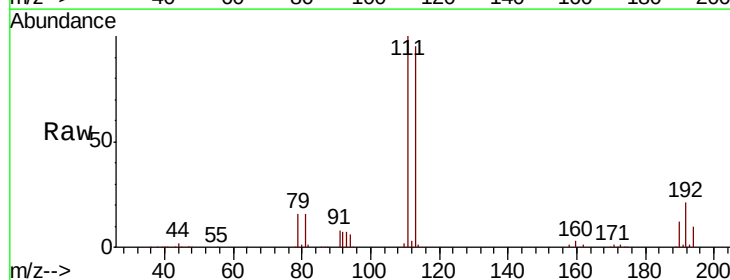
Tgt Ion:113 Resp: 158510

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

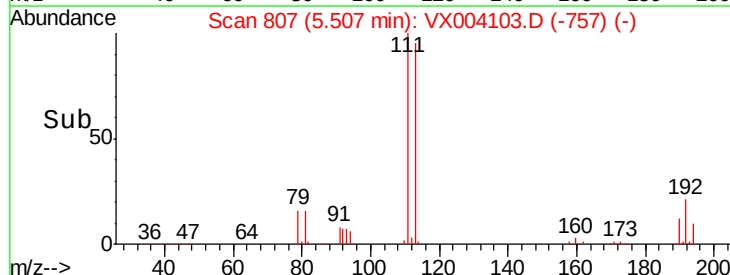
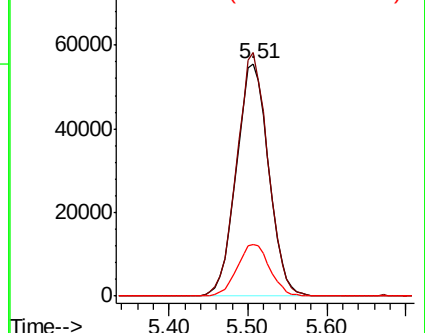
192 22.5 19.0 28.4

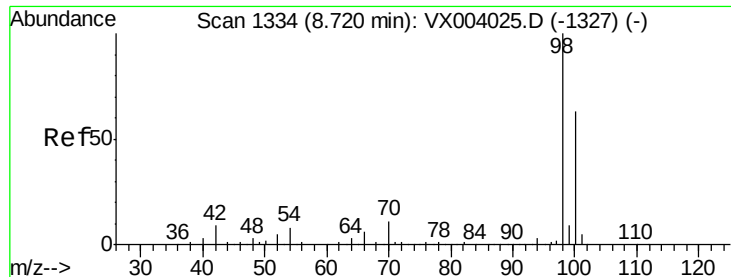


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

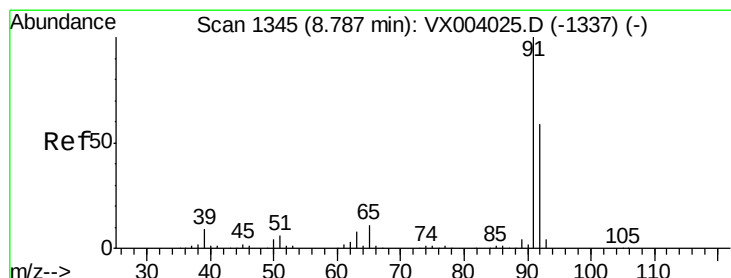
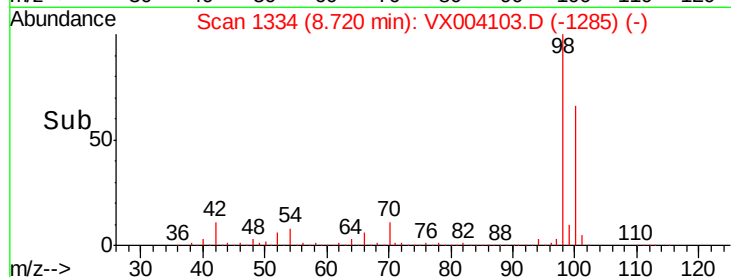
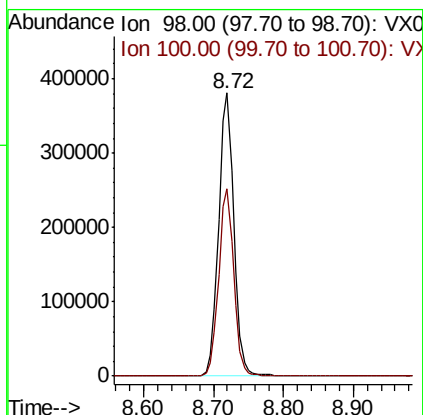
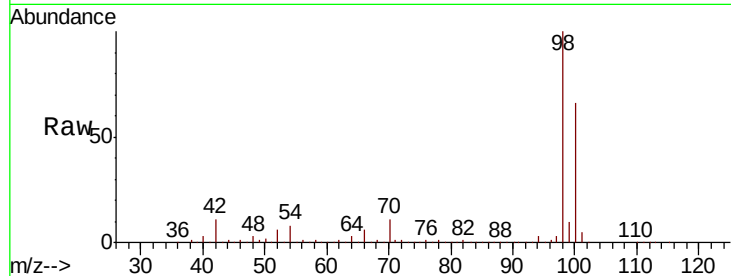




#50
Toluene-d8
Concen: 47.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

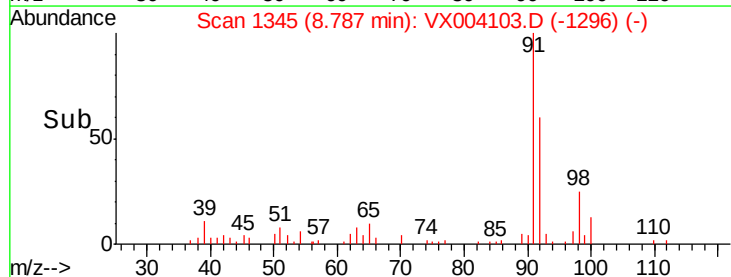
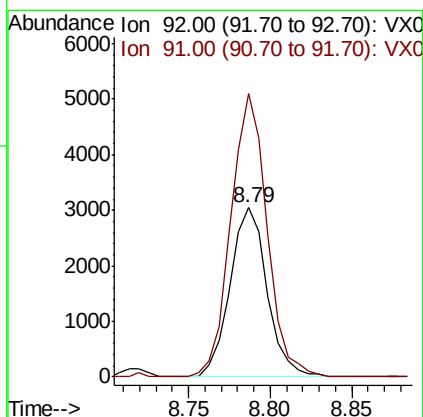
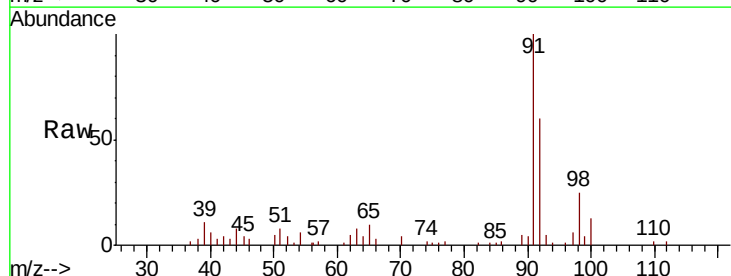
Instrument :
MSVOA_X
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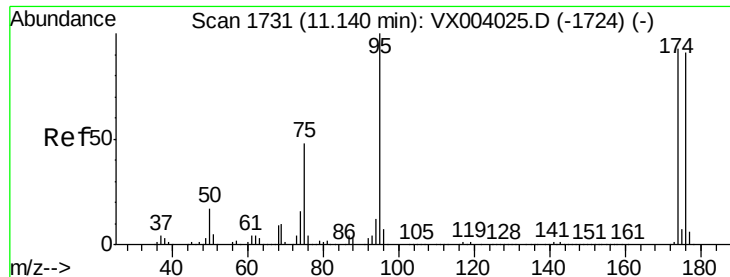
Tot Ion: 98 Resp: 577833
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#52
Toluene
Concen: 0.55 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 92 Resp: 4803
Ion Ratio Lower Upper
92 100
91 163.6 136.1 204.1

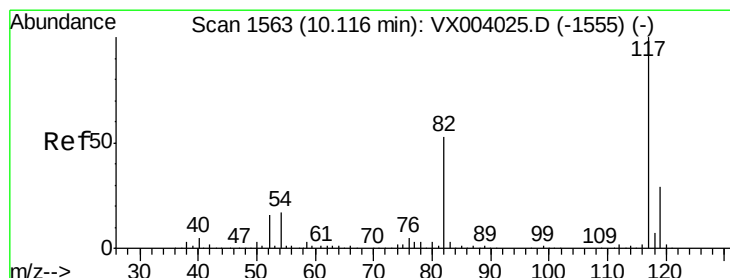
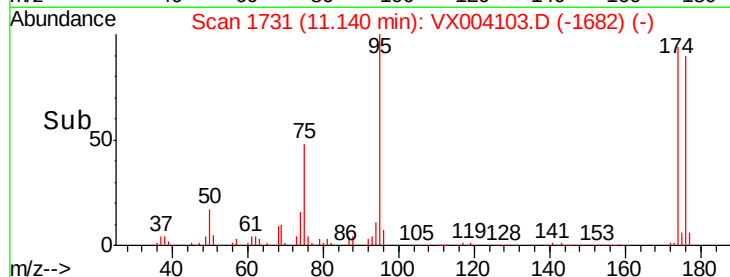
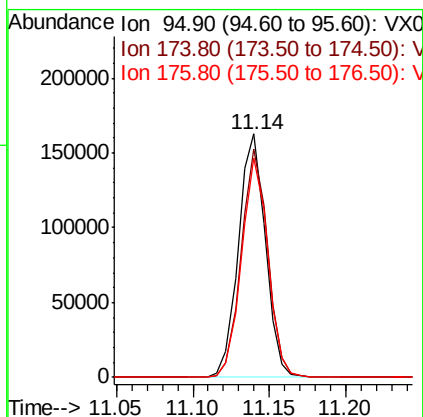
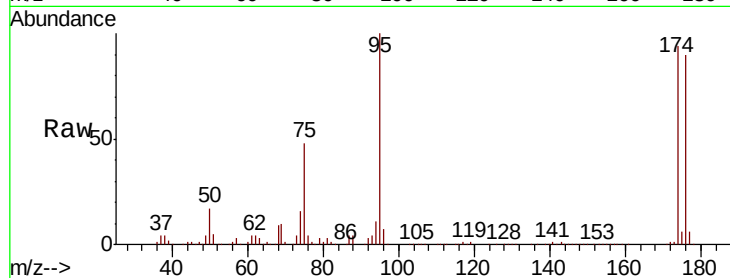




#62
 4-Bromofluorobenzene
 Concen: 44.77 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004103.D
 Acq: 16 Aug 2018 05:47

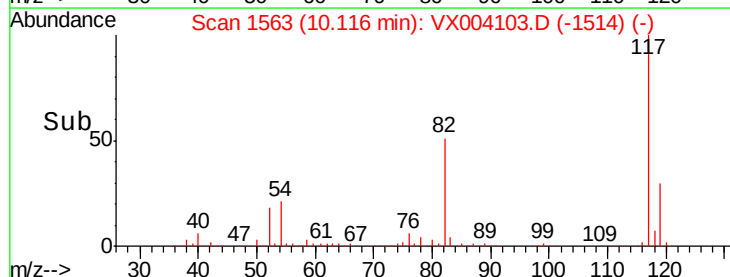
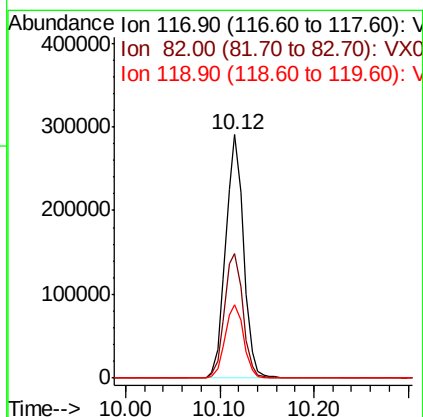
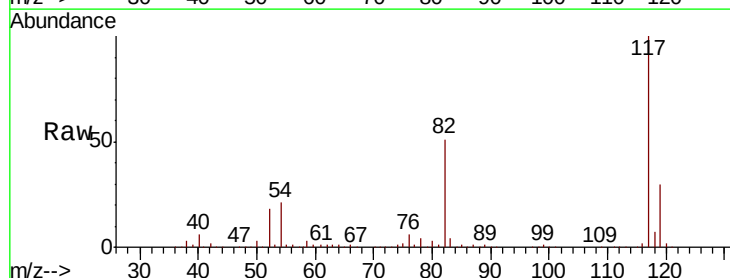
Instrument :
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 ClientSampleId :
 SS050MW636-180814

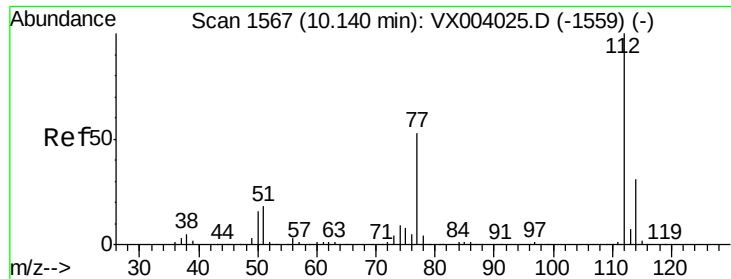
Tot Ion: 95 Resp: 198470
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 182.8
 176 88.7 0.0 179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004103.D
 Acq: 16 Aug 2018 05:47

Tgt Ion: 117 Resp: 382705
 Ion Ratio Lower Upper
 117 100
 82 51.0 45.4 68.0
 119 30.3 26.6 40.0

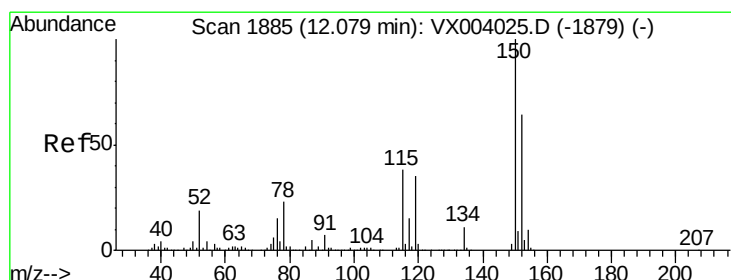
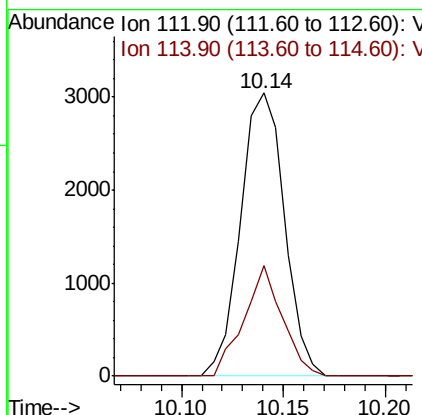
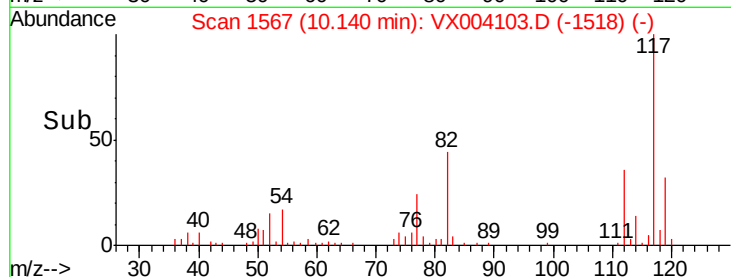
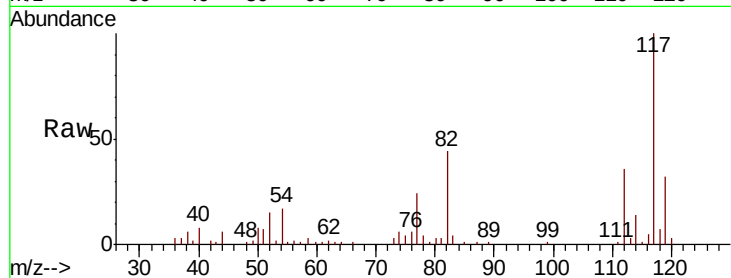




#65
Chlorobenzene
Concen: 0.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tot Ion:112 Resp: 4552
Ion Ratio Lower Upper
112 100
114 39.0 23.6 35.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion:152 Resp: 213493
Ion Ratio Lower Upper
152 100
115 55.3 39.1 117.3
150 156.2 0.0 349.2

