

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004178.D
 Acq On : 21 Aug 2018 16:17
 Operator : JC/MD
 Sample : J4271-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-C

Quant Time: Aug 22 01:40:33 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	279235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230206	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	209340	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	5.50	113	176571	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	8.71	98	645637	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	11.14	95	223613	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	

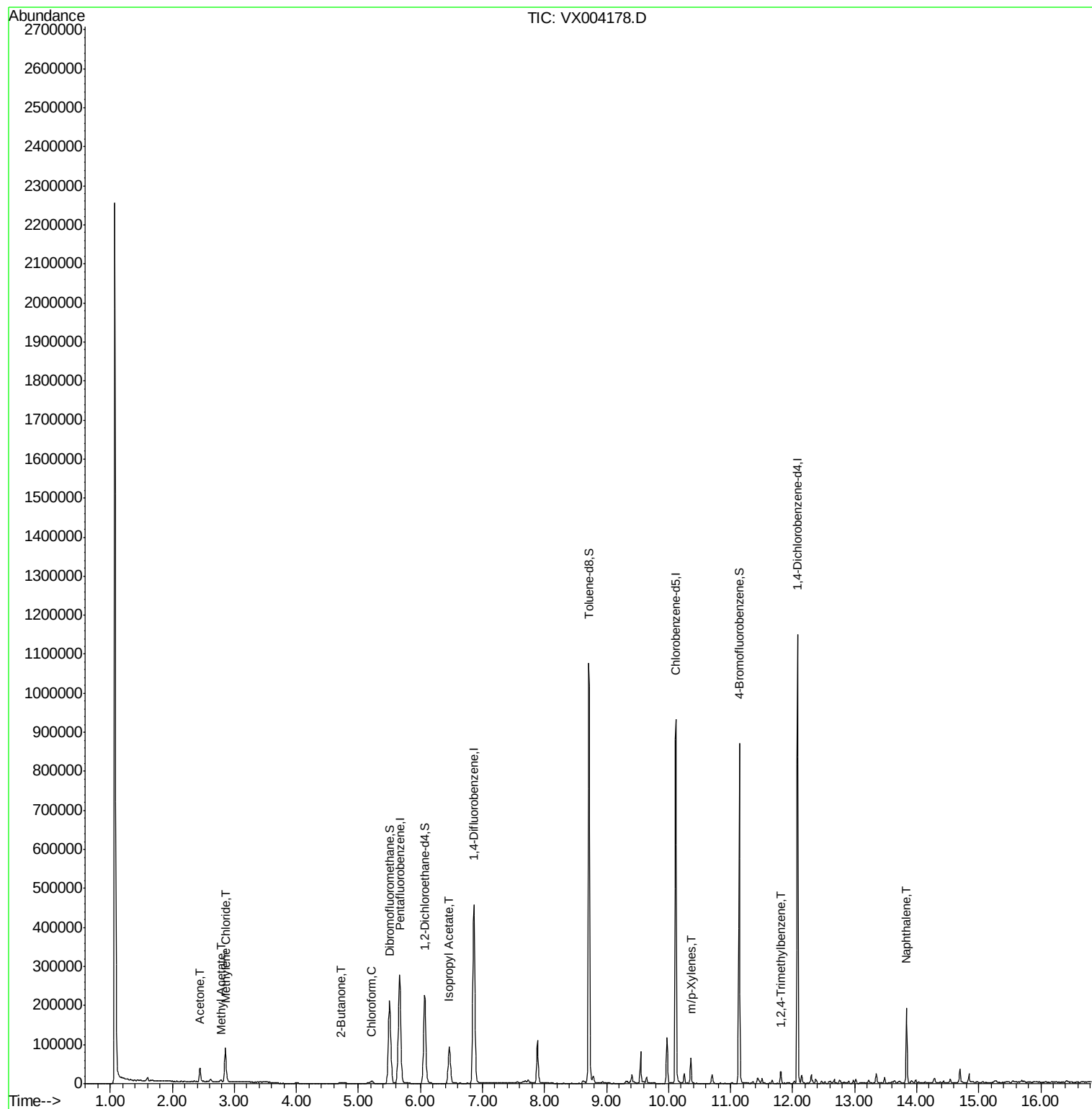
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	36777	17.98	ug/l	99
18) Methyl Acetate	2.78	43	6468	1.42	ug/l	94
20) Methylene Chloride	2.86	84	39614	11.38	ug/l	96
25) 2-Butanone	4.71	43	4535	1.36	ug/l	97
30) Chloroform	5.21	83	6700	1.11	ug/l	100
43) Isopropyl Acetate	6.46	43	121668	14.29	ug/l	100
68) m/p-Xylenes	10.36	106	15504	2.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	13463	1.02	ug/l	98
95) Naphthalene	13.83	128	120883	8.48	ug/l	100

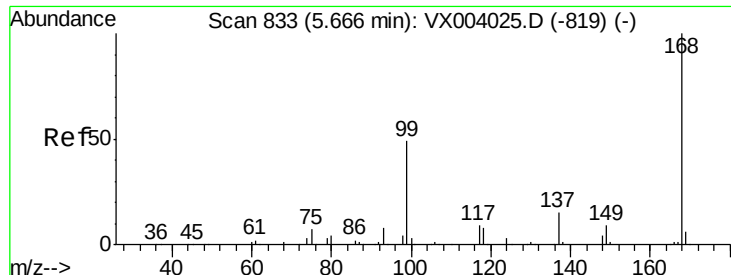
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

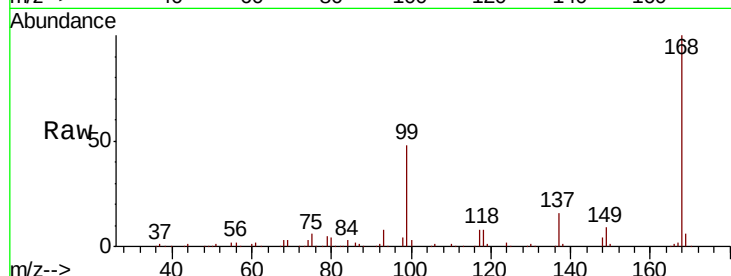
HR-06-082018-C

Tot Ion:168 Resp: 279235

Ion Ratio Lower Upper

168 100

99 48.0 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

120000

100000

80000

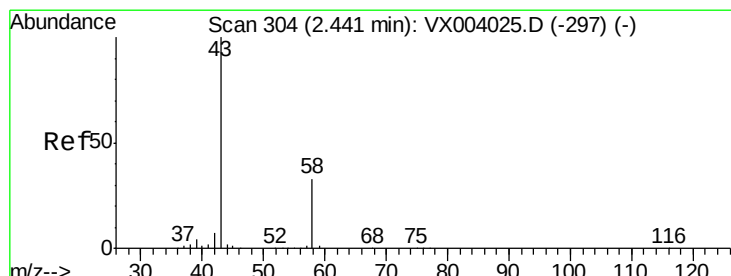
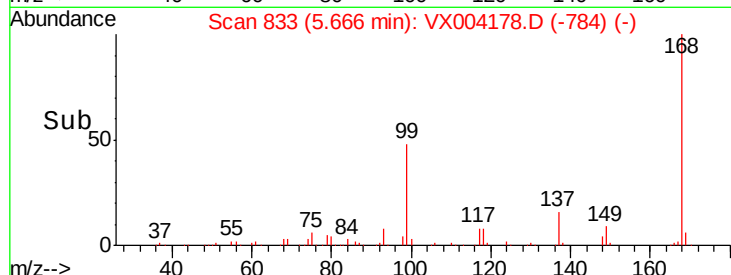
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004178.D

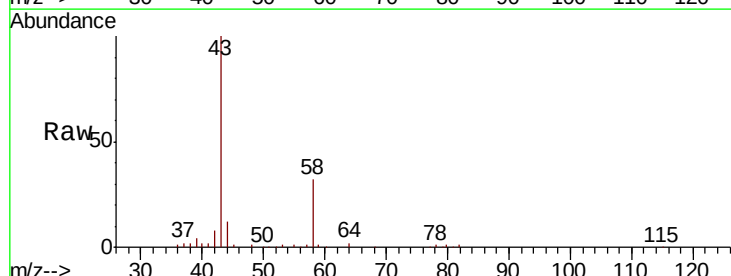
Acq: 21 Aug 2018 16:17

Tgt Ion: 43 Resp: 36777

Ion Ratio Lower Upper

43 100

58 32.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

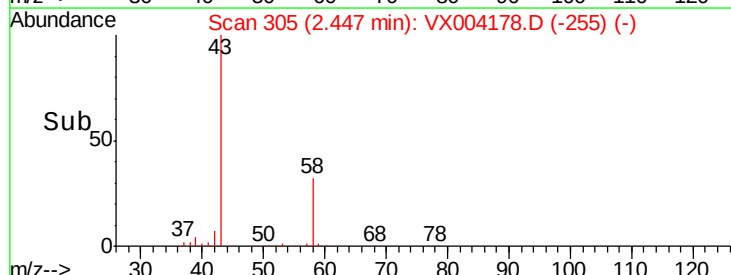
15000

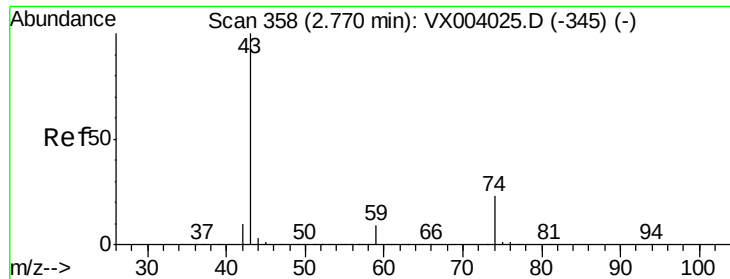
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

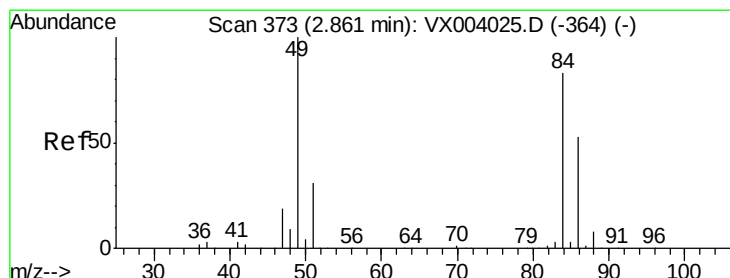
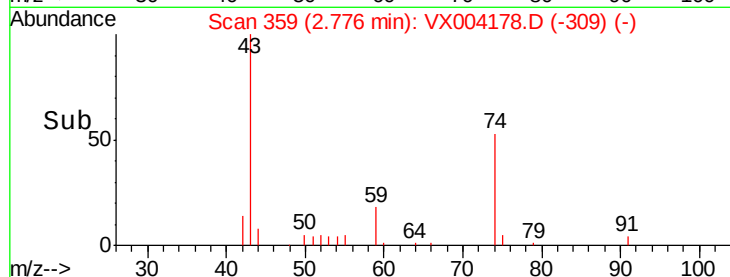
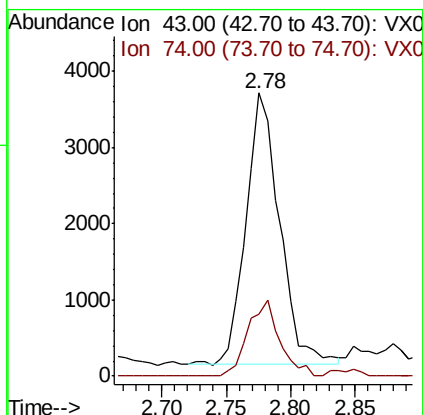
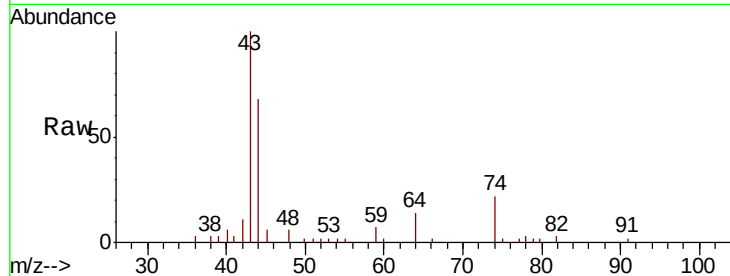




#18
Methyl Acetate
Concen: 1.42 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

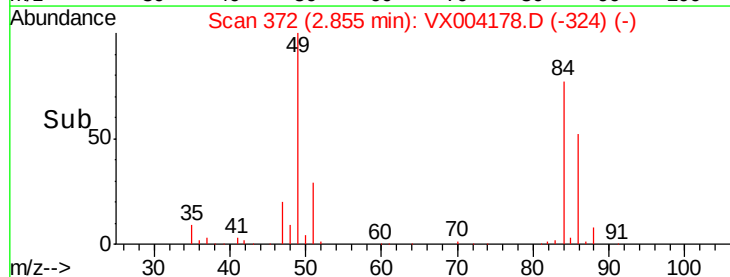
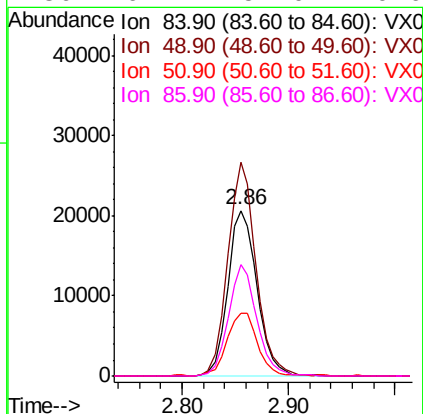
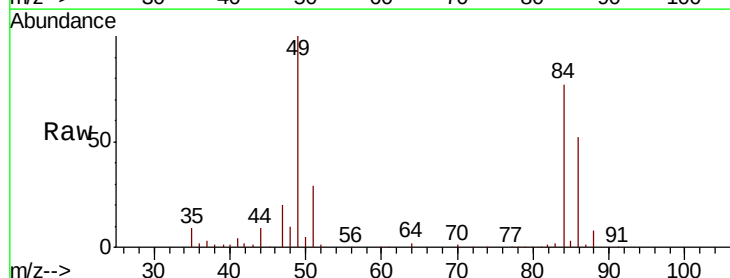
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MSVOA_X
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HR-06-082018-C

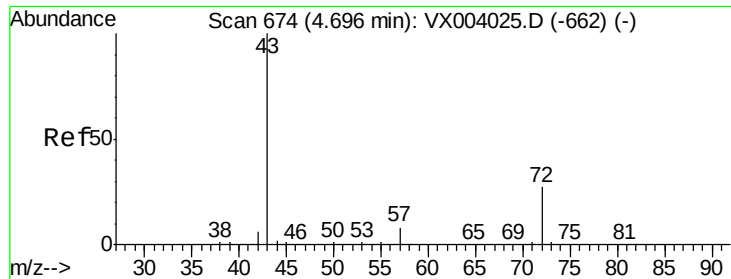
Tot Ion: 43 Resp: 6468
Ion Ratio Lower Upper
43 100
74 26.3 18.9 28.3



#20
Methylene Chloride
Concen: 11.38 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion: 84 Resp: 39614
Ion Ratio Lower Upper
84 100
49 129.3 98.9 148.3
51 37.8 29.9 44.9
86 67.2 51.0 76.6





#25

2-Butanone

Concen: 1.36 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.02 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

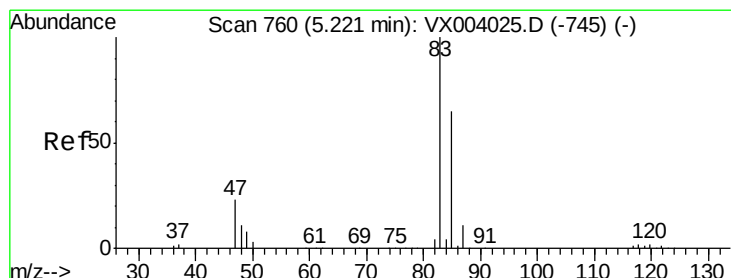
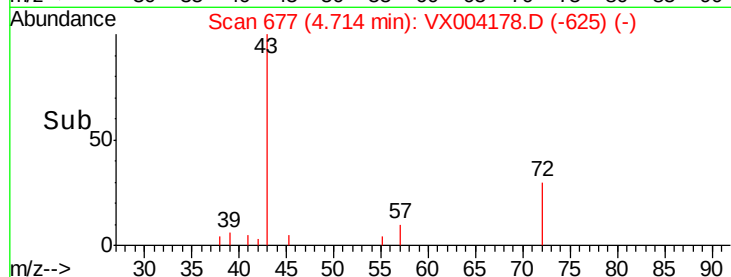
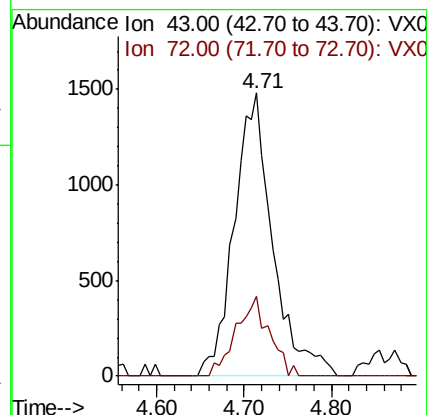
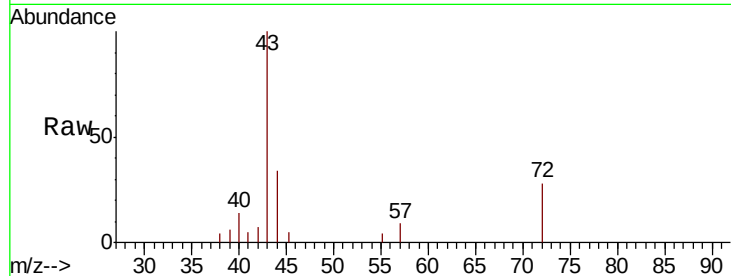
HR-06-082018-C

Tot Ion: 43 Resp: 4535

Ion Ratio Lower Upper

43 100

72 28.3 21.4 32.0



#30

Chloroform

Concen: 1.11 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004178.D

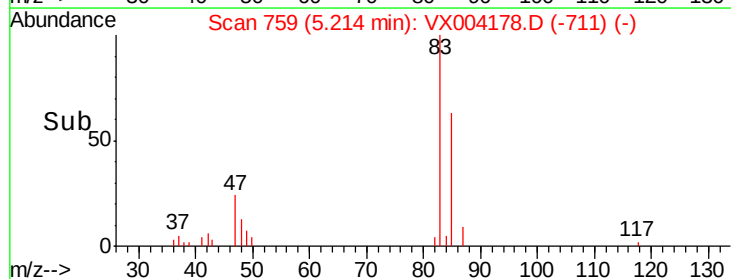
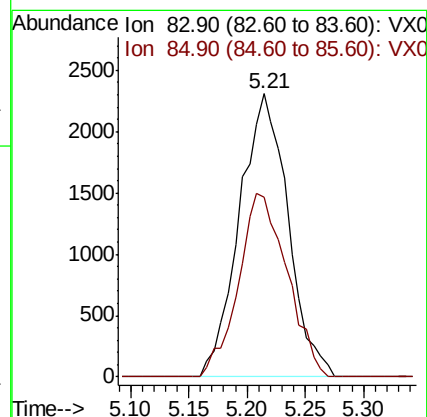
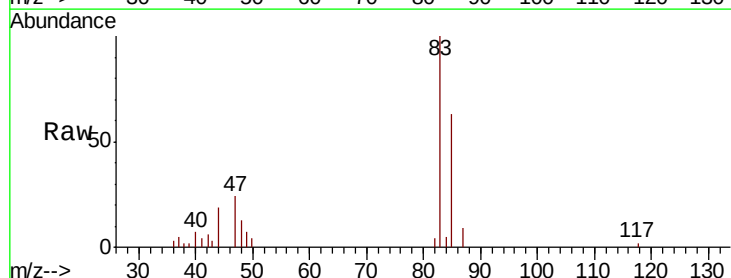
Acq: 21 Aug 2018 16:17

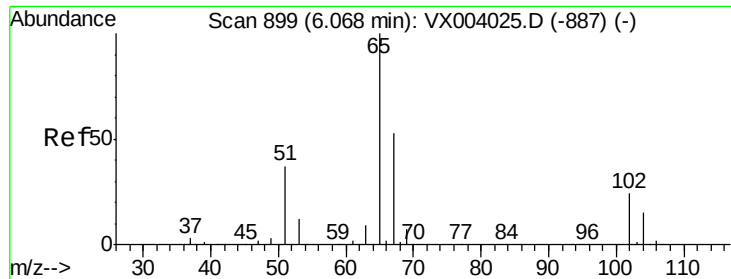
Tgt Ion: 83 Resp: 6700

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

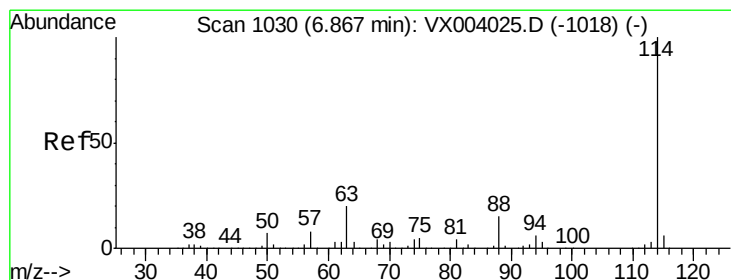
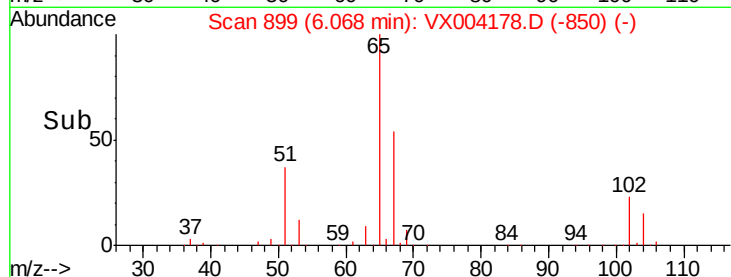
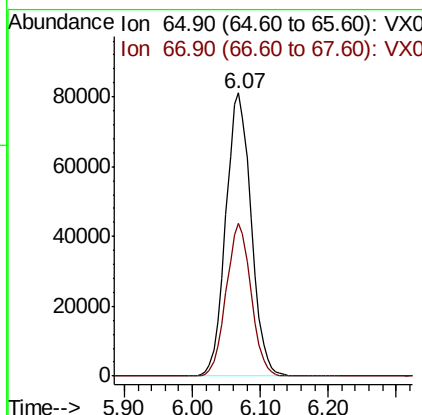
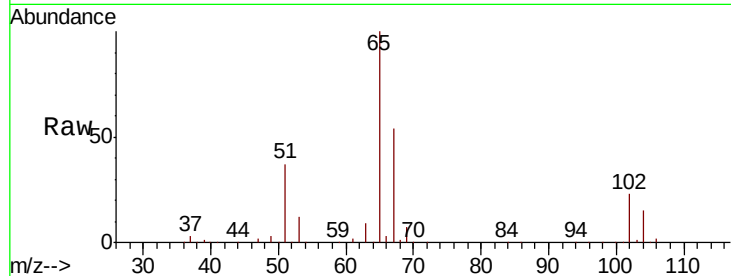




#33
 1,2-Dichloroethane-d4
 Concen: 53.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004178.D
 Acq: 21 Aug 2018 16:17

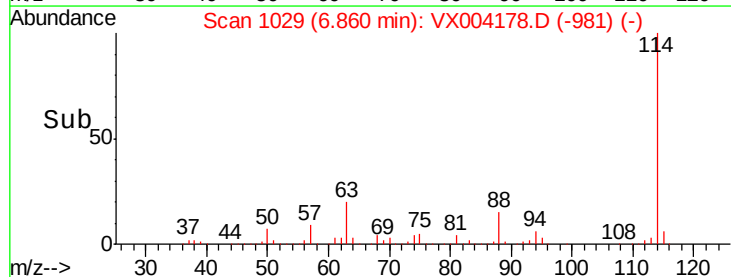
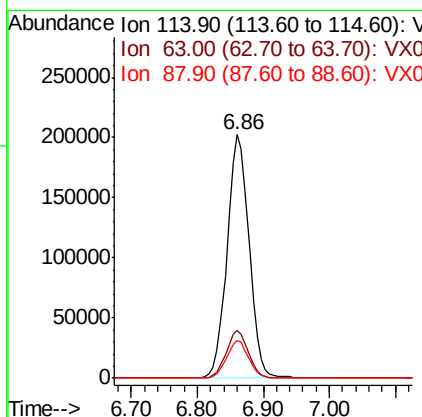
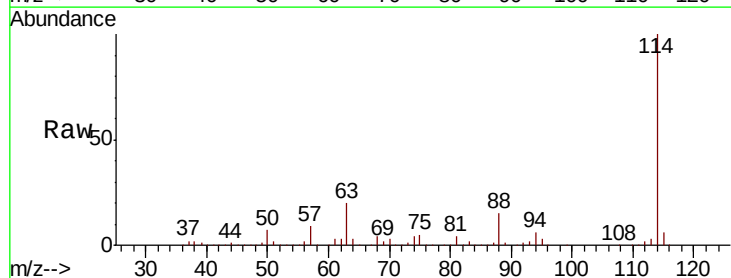
Instrument :
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 ClientSampleId :
 HR-06-082018-C

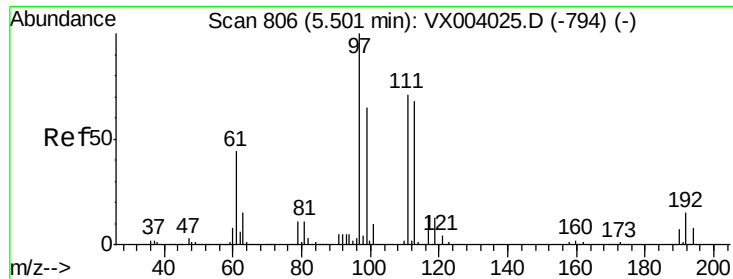
Tot Ion: 65 Resp: 209340
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004178.D
 Acq: 21 Aug 2018 16:17

Tgt Ion: 114 Resp: 466257
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.2 0.0 32.0

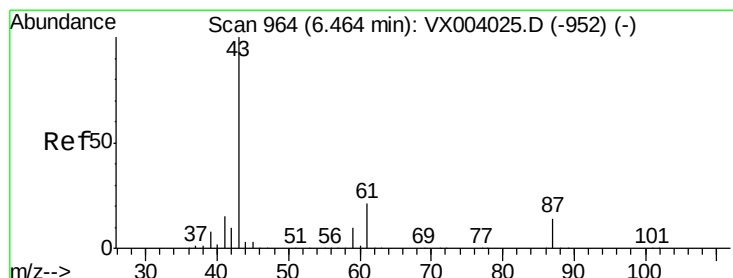
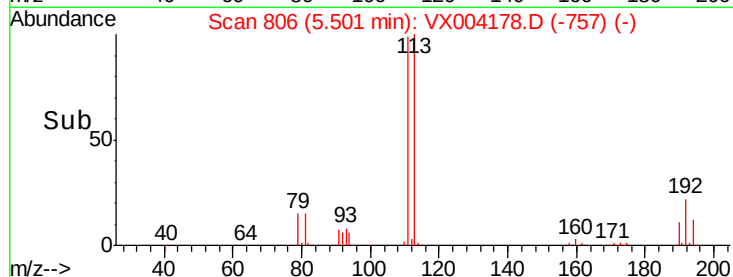
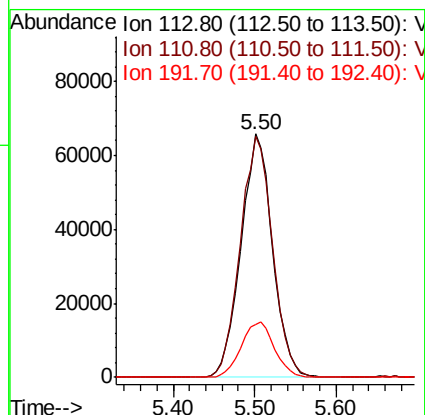
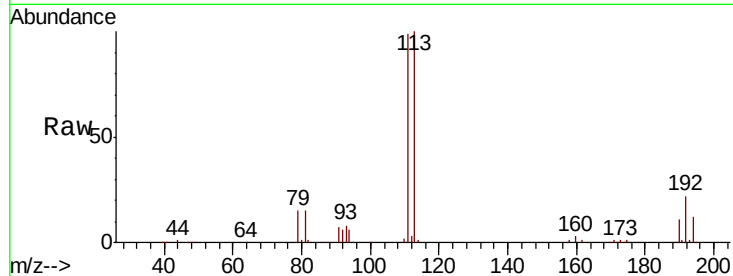




#35
 Dibromofluoromethane
 Concen: 50.60 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004178.D
 Acq: 21 Aug 2018 16:17

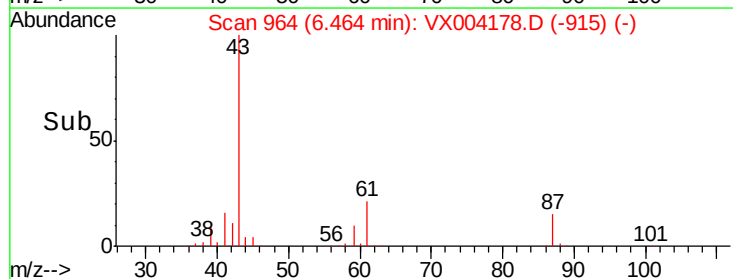
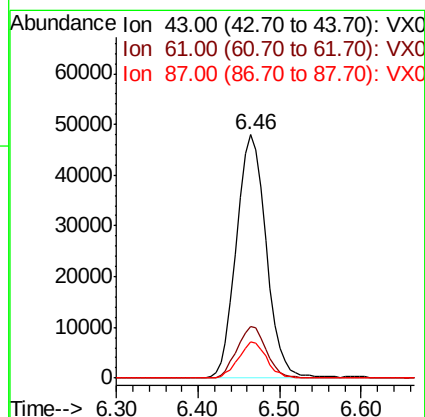
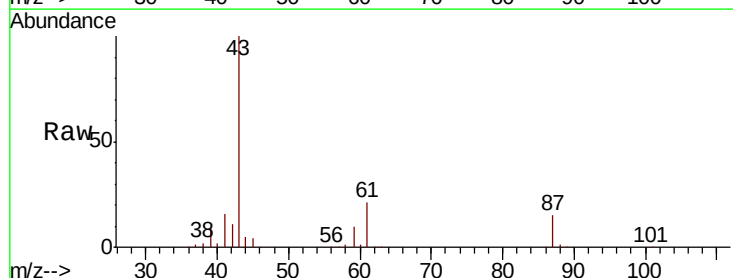
Instrument :
 MSVOA_X
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 HR-06-082018-C

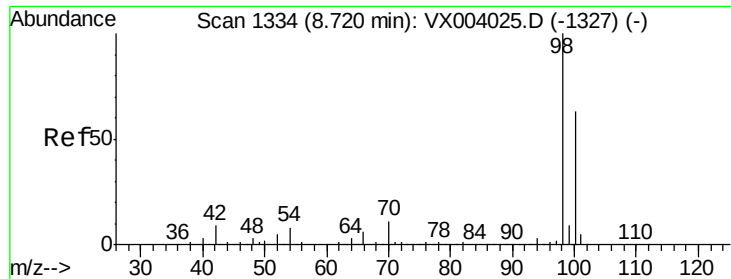
Tot Ion:113 Resp: 176571
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 23.9 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 14.29 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004178.D
 Acq: 21 Aug 2018 16:17

Tgt Ion: 43 Resp: 121668
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 14.1 11.3 16.9





#50

Toluene-d8

Concen: 45.63 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

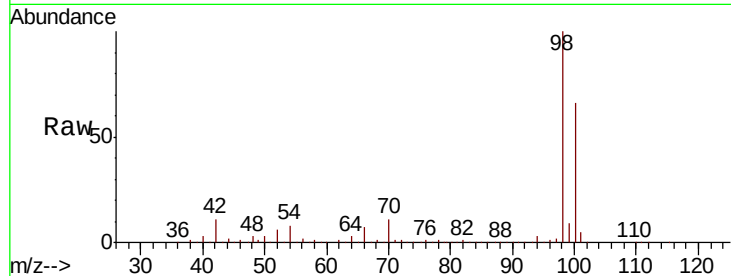
HR-06-082018-C

Tot Ion: 98 Resp: 645637

Ion Ratio Lower Upper

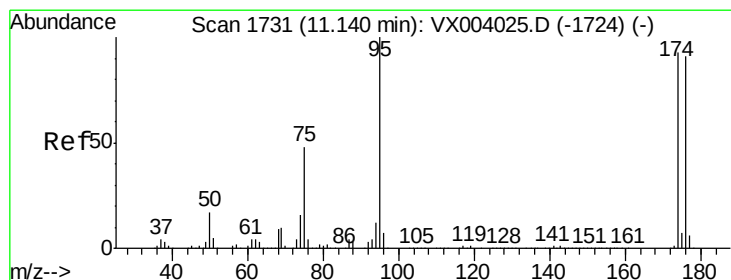
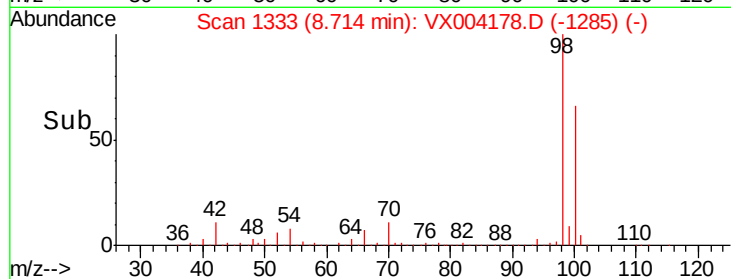
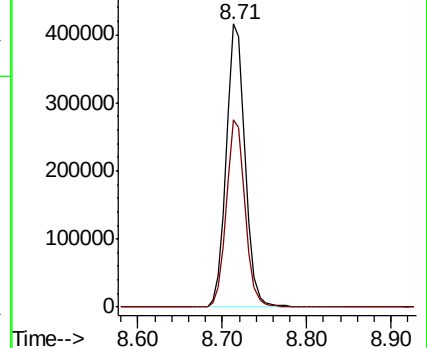
98 100

100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

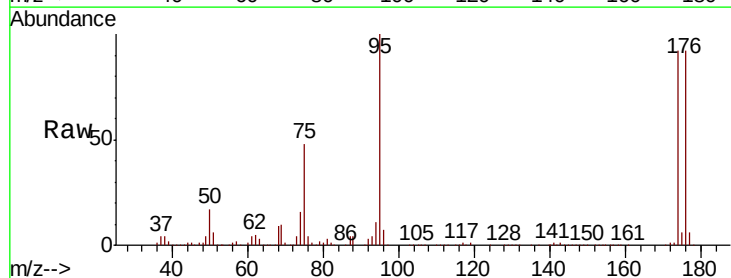
Tgt Ion: 95 Resp: 223613

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.8

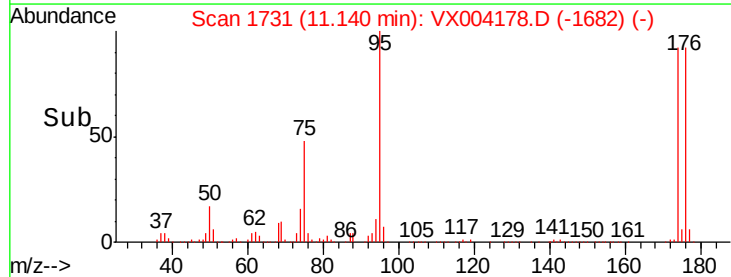
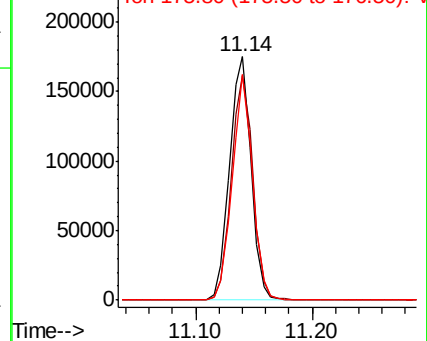
176 87.8 0.0 179.0

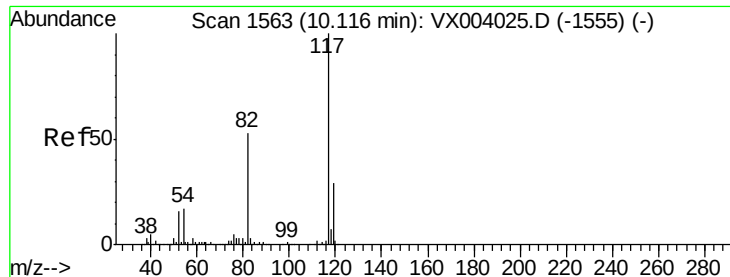


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

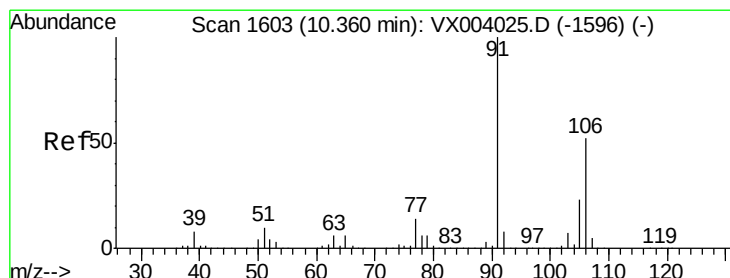
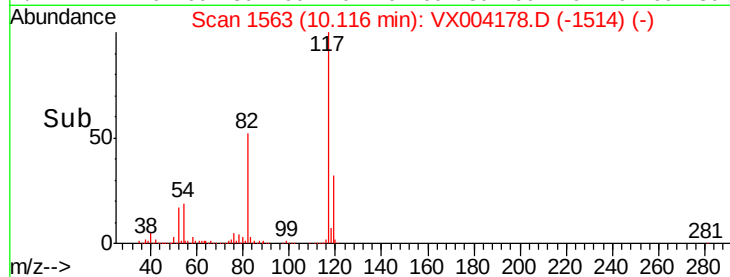
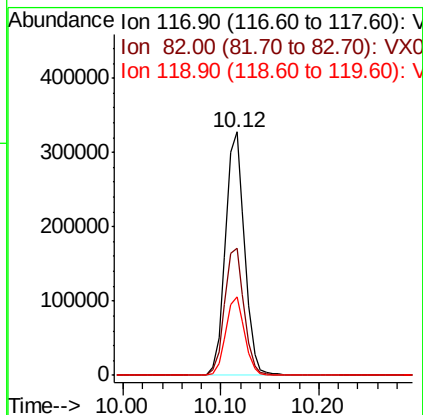
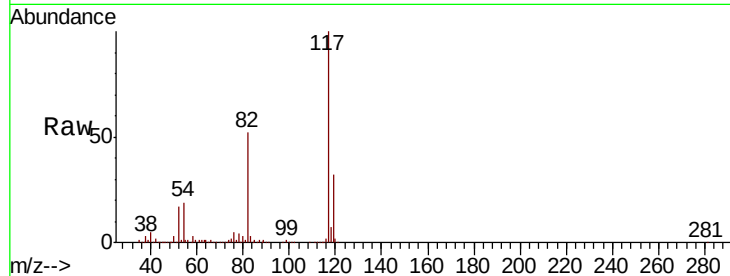




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

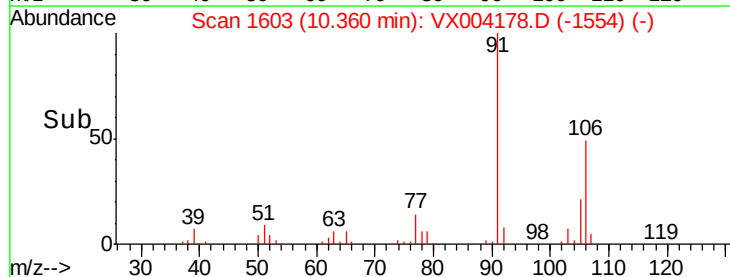
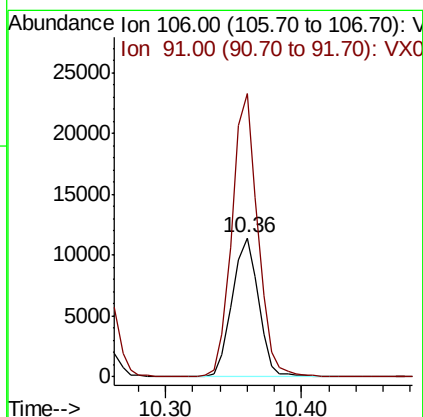
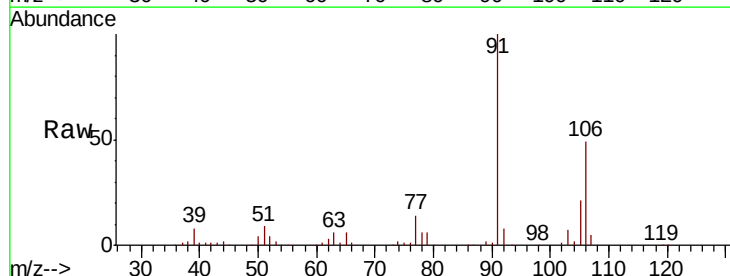
Instrument :
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ClientSampleId :
HR-06-082018-C

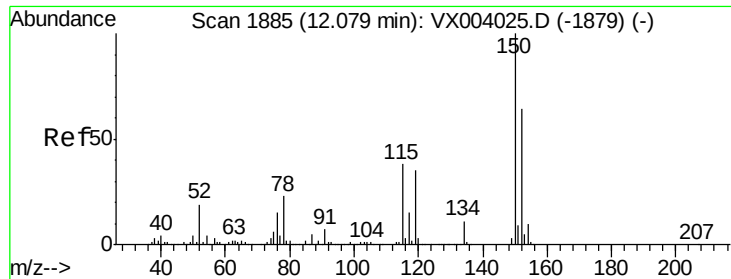
Tot Ion:117 Resp: 443381
Ion Ratio Lower Upper
117 100
82 52.3 45.4 68.0
119 32.0 26.6 40.0



#68
m/p-Xylenes
Concen: 2.18 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion:106 Resp: 15504
Ion Ratio Lower Upper
106 100
91 198.9 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

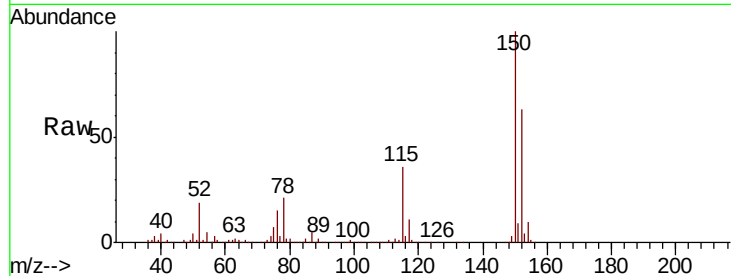
Tot Ion:152 Resp: 230206

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.3

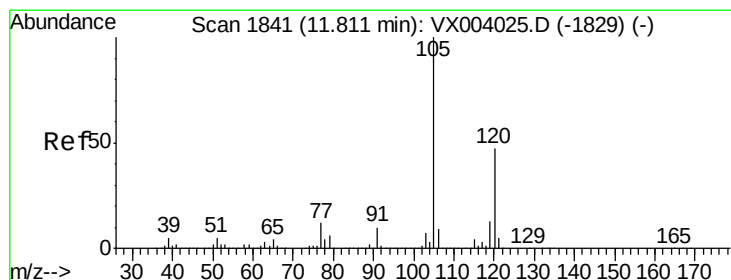
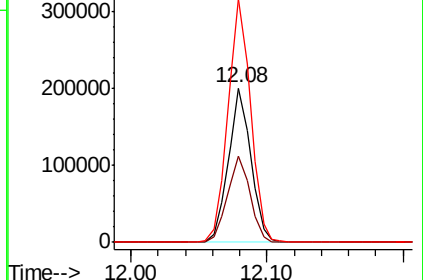
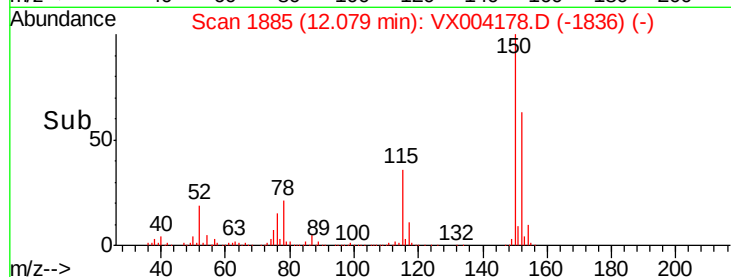
150 158.8 0.0 349.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.02 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004178.D

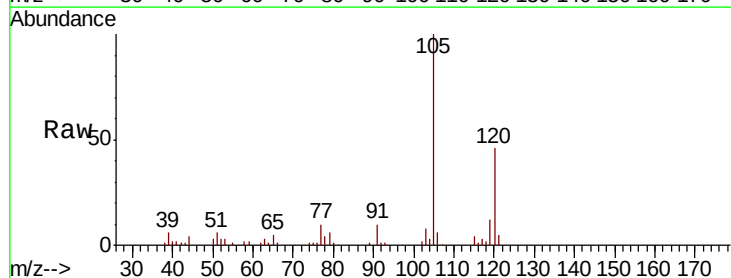
Acq: 21 Aug 2018 16:17

Tgt Ion:105 Resp: 13463

Ion Ratio Lower Upper

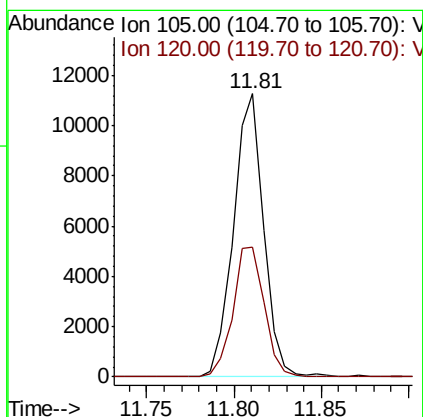
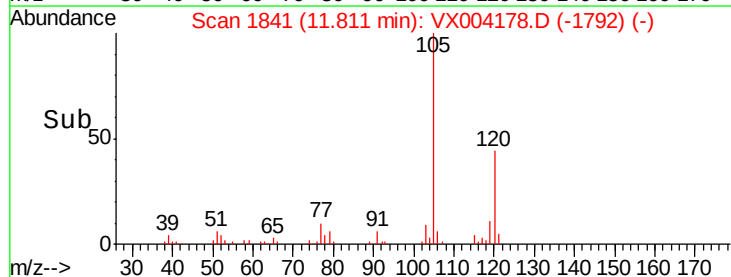
105 100

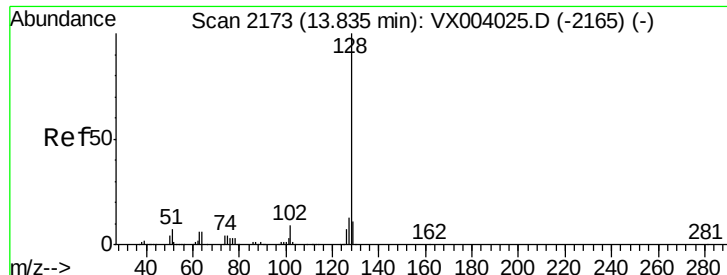
120 47.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 8.48 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.8	13.2

