

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001723.D
 Acq On : 14 May 2018 21:50
 Operator : JC/MD
 Sample : J2833-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB050918

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:11 AM

Quant Time: May 16 10:40:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190051	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	176463	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
35) Dibromofluoromethane	5.51	113	143474	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
50) Toluene-d8	8.72	98	543643	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	176494	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.82%	

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

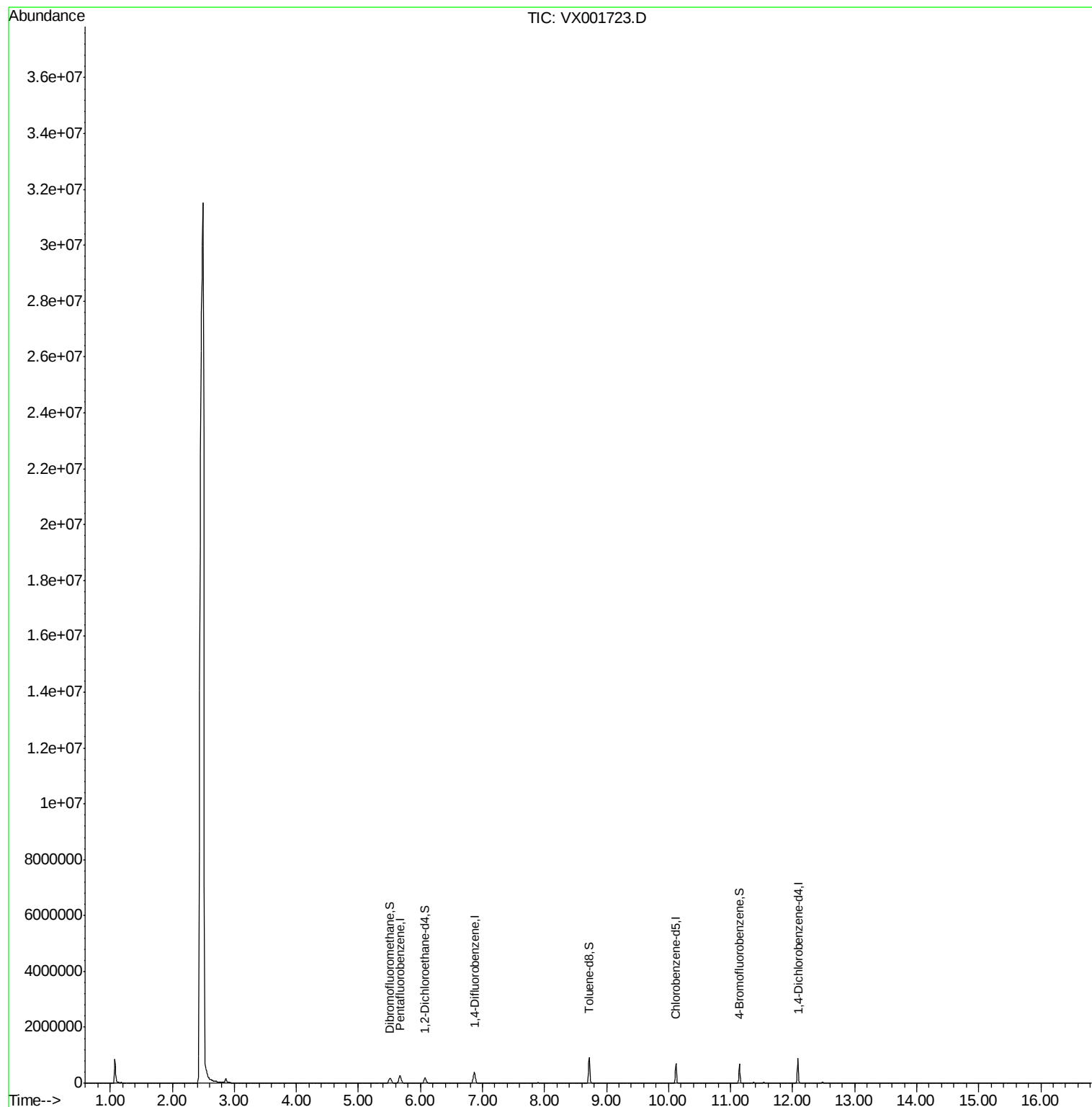
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
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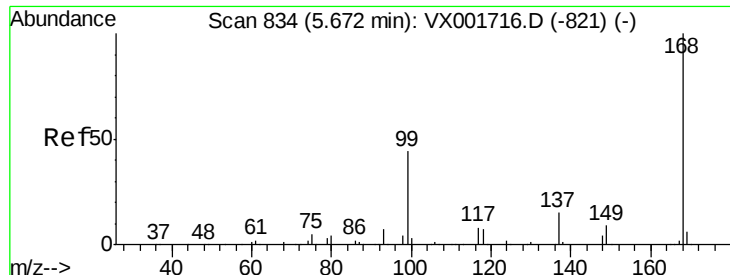
Instrument :
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001723.D

Acq: 14 May 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

FB050918

Tot Ion:168 Resp: 294426

Ion Ratio Lower Upper

168 100

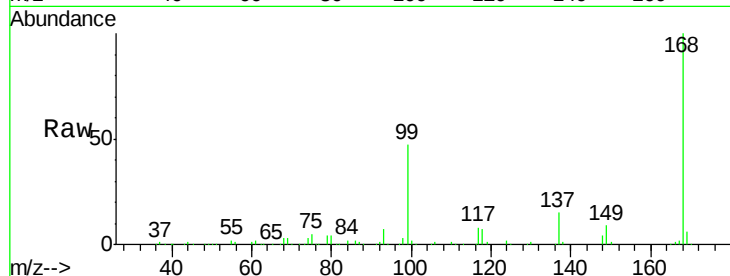
99 46.6 35.0 52.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

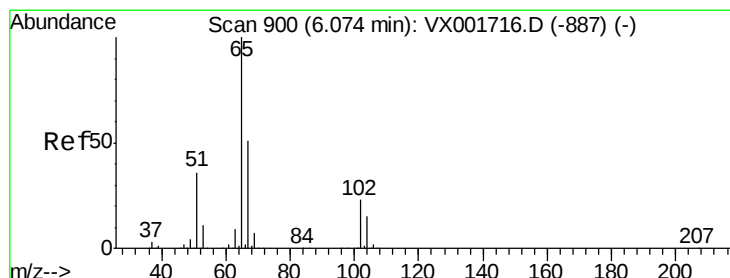
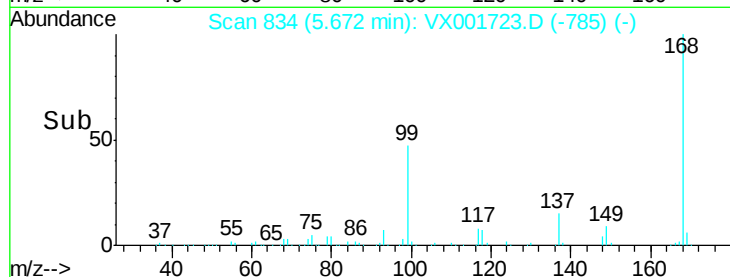
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.71 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001723.D

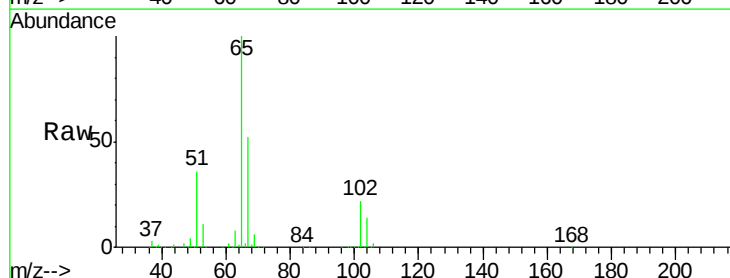
Acq: 14 May 2018 21:50

Tgt Ion: 65 Resp: 176463

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

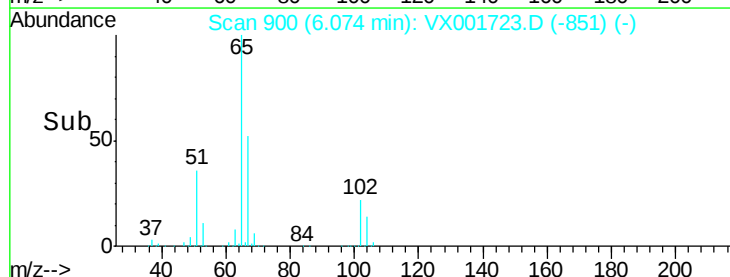
60000

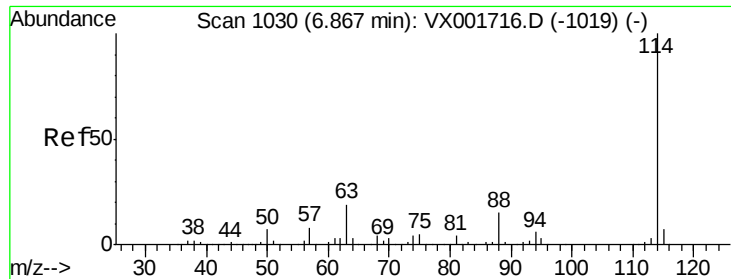
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001723.D

Acq: 14 May 2018 21:50

Instrument :

MSVOA_X

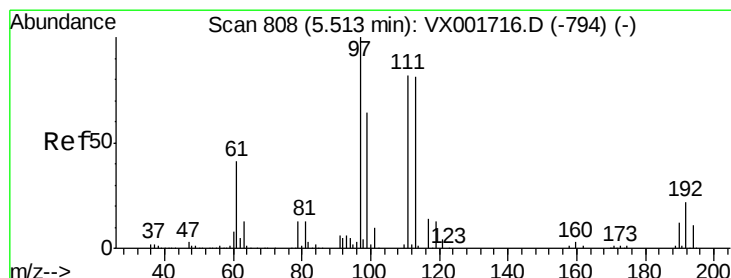
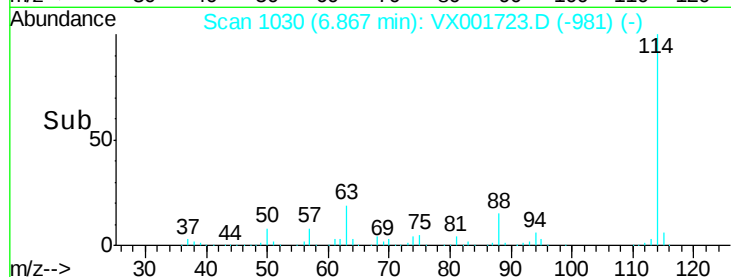
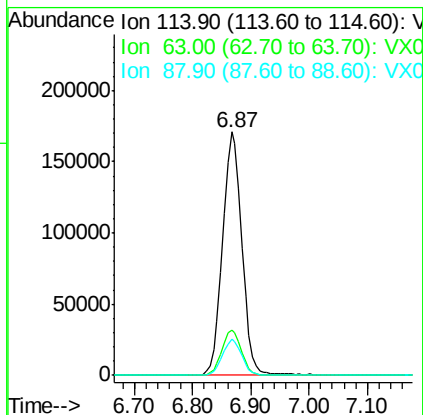
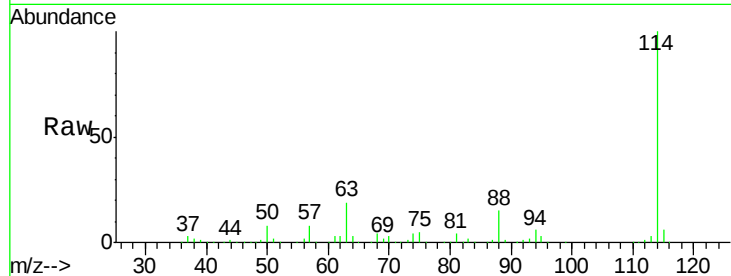
ClientSampleId :

FB050918

Tot Ion:	114	Resp:	396397
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	37.0
88	14.6	0.0	29.8

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#35

Dibromofluoromethane

Concen: 42.89 ug/l

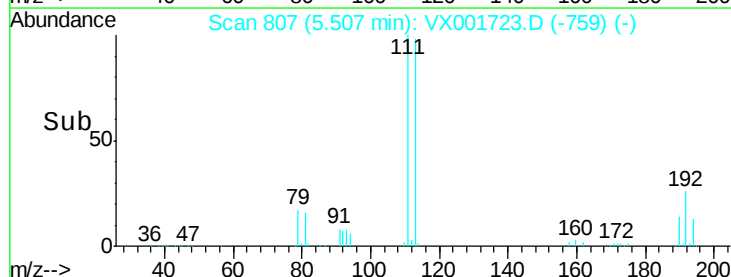
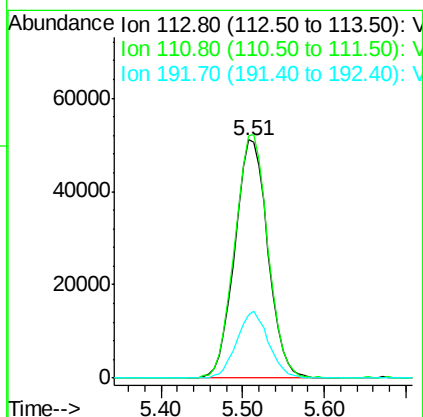
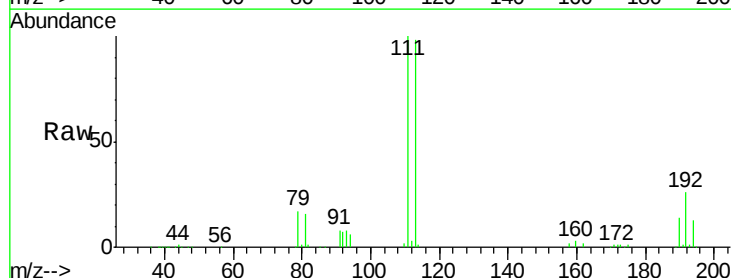
RT: 5.51 min Scan# 807

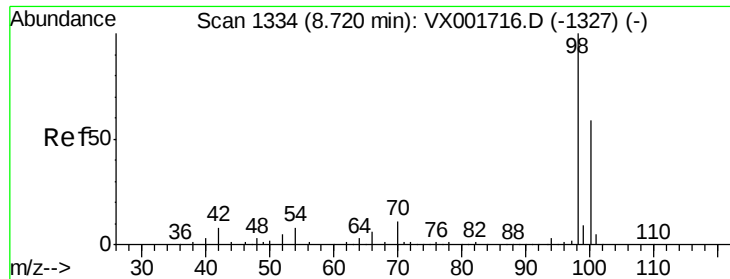
Delta R.T. -0.01 min

Lab File: VX001723.D

Acq: 14 May 2018 21:50

Tgt Ion:	113	Resp:	143474
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.0	123.0
192	26.9	21.6	32.4





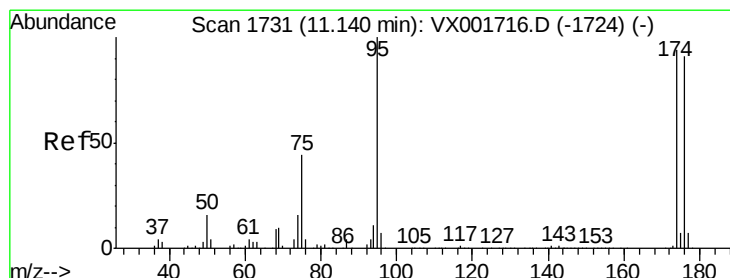
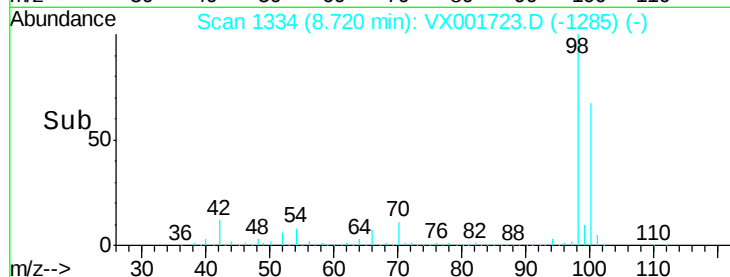
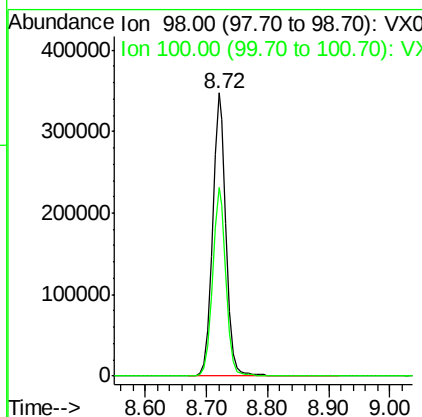
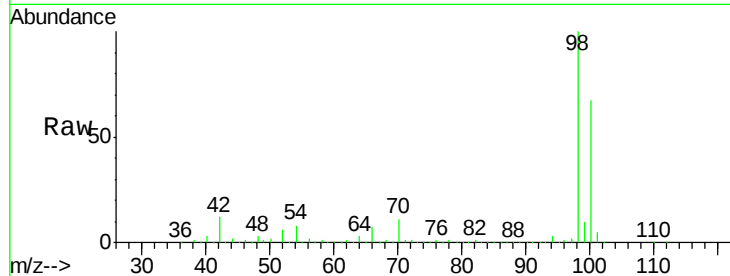
#50
Toluene-d8
Concen: 45.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001723.D
Acq: 14 May 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
FB050918

Tot Ion: 98 Resp: 543643
Ion Ratio Lower Upper
98 100
100 66.6 54.0 81.0

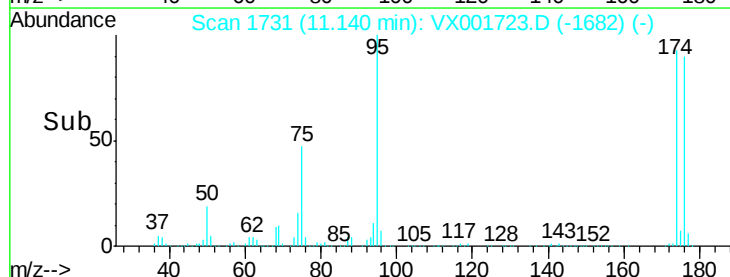
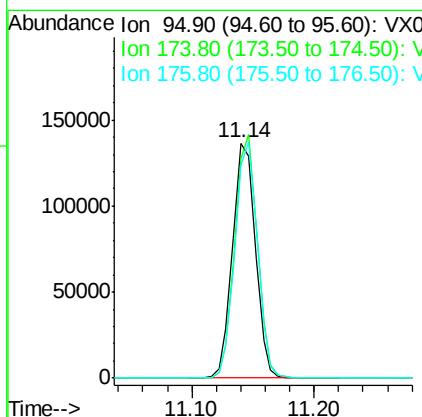
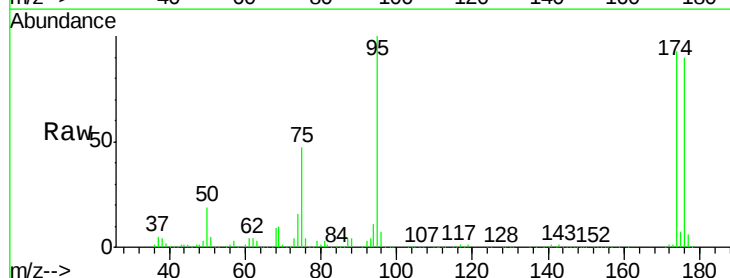
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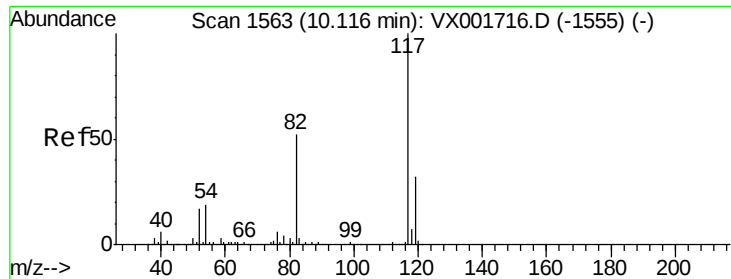
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#62
4-Bromofluorobenzene
Concen: 40.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001723.D
Acq: 14 May 2018 21:50

Tgt Ion: 95 Resp: 176494
Ion Ratio Lower Upper
95 100
174 101.5 0.0 201.8
176 98.9 0.0 196.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001723.D

Acq: 14 May 2018 21:50

Instrument :

MSVOA_X

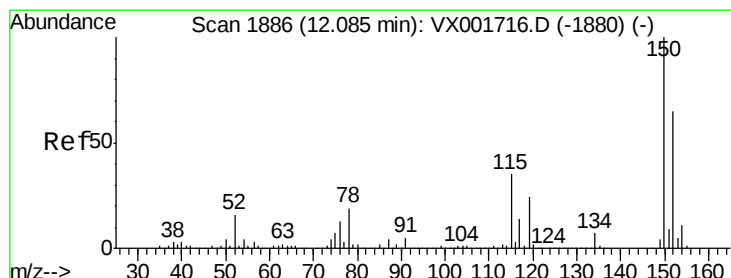
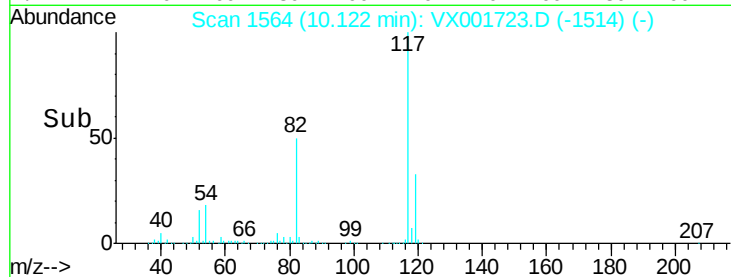
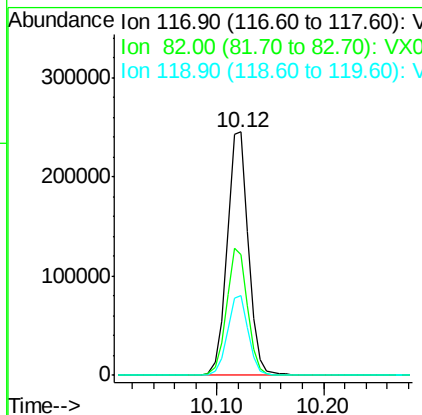
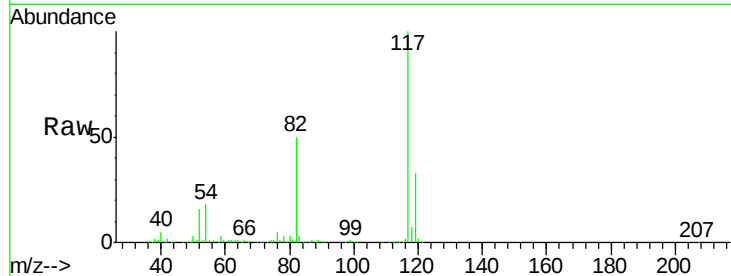
ClientSampleId :

FB050918

Tot Ion:	117	Resp:	342880
Ion Ratio	Lower	Upper	
117	100		
82	49.5	41.4	62.2
119	32.6	25.6	38.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001723.D

Acq: 14 May 2018 21:50

Tgt Ion:	152	Resp:	190051
Ion Ratio	Lower	Upper	
152	100		
115	52.5	37.4	112.2
150	155.5	0.0	344.8

