

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003953.D
 Acq On : 09 Aug 2018 16:23
 Operator : JC/MD
 Sample : J4379-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-08082018

Quant Time: Aug 10 16:02:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

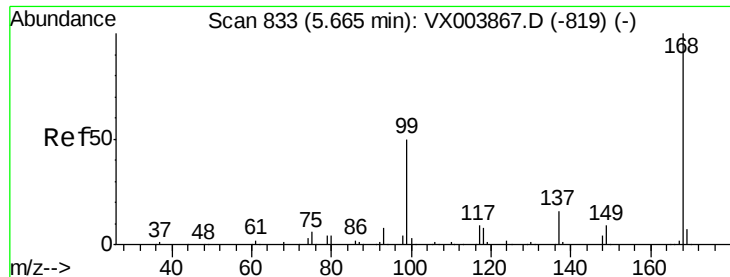
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	487077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245386	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	209787	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	180219	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.72	98	682608	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.14	95	241726	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	2275	0.35	ug/l	88
67) Ethyl Benzene	10.26	91	5398	0.28	ug/l	98
68) m/p-Xylenes	10.36	106	6608	0.87	ug/l	96
69) o-Xylene	10.70	106	2014	0.28	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	5502	0.37	ug/l	95

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

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ALS Vial : 15 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003953.D

Acq: 09 Aug 2018 16:23

Instrument :

MSVOA_X

ClientSampleId :

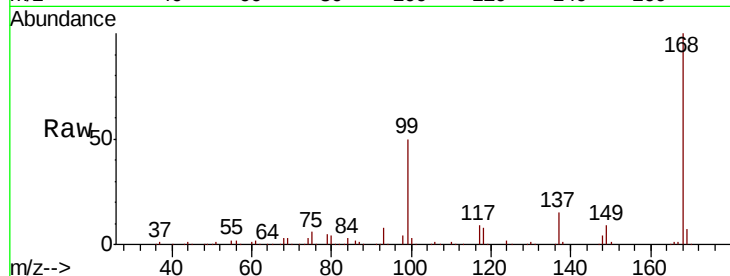
FB-08082018

Tot Ion:168 Resp: 312214

Ion Ratio Lower Upper

168 100

99 50.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

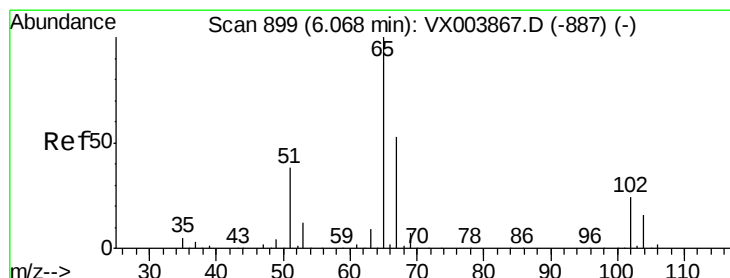
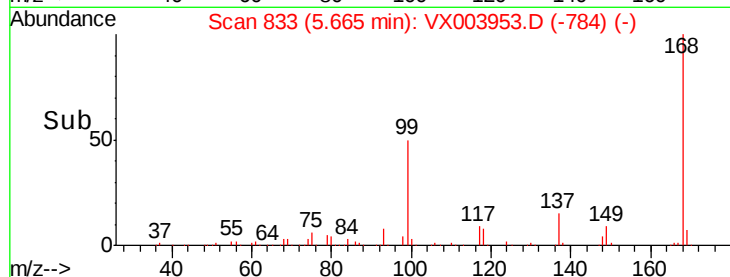
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.69 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003953.D

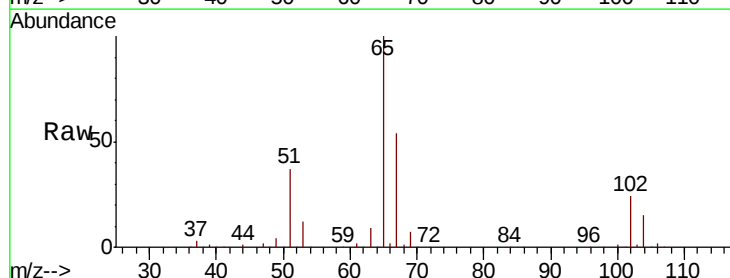
Acq: 09 Aug 2018 16:23

Tgt Ion: 65 Resp: 209787

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

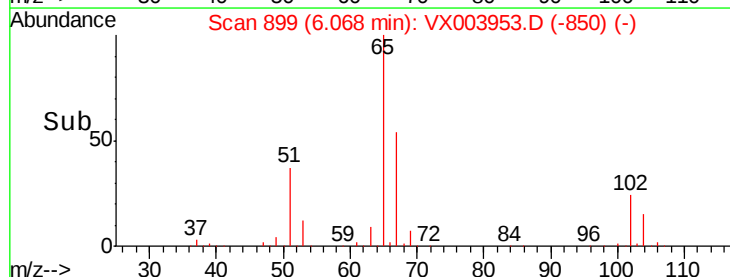
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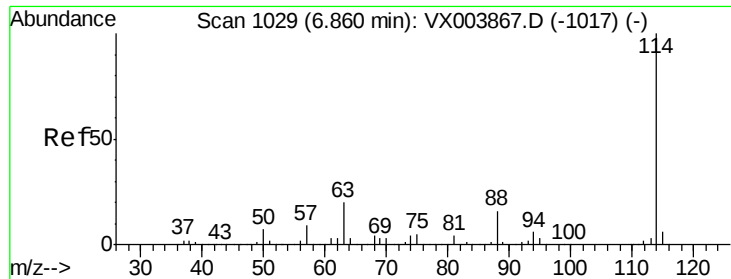
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

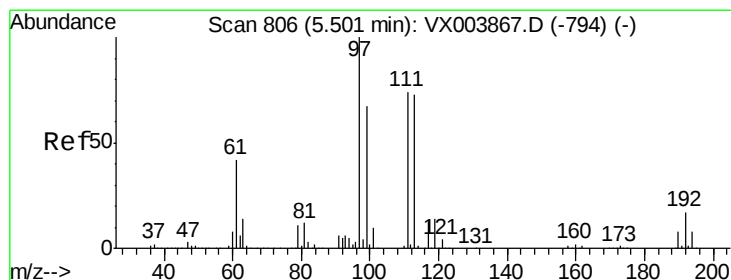
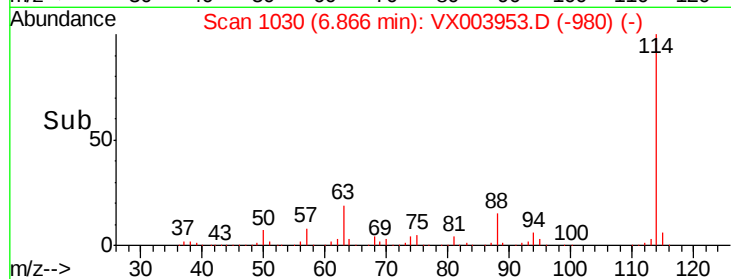
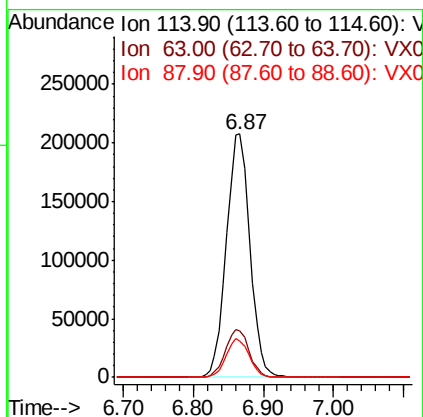
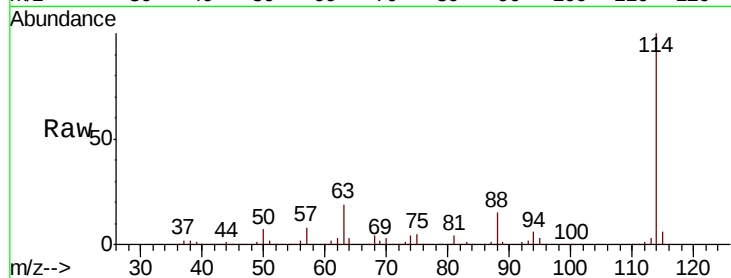




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

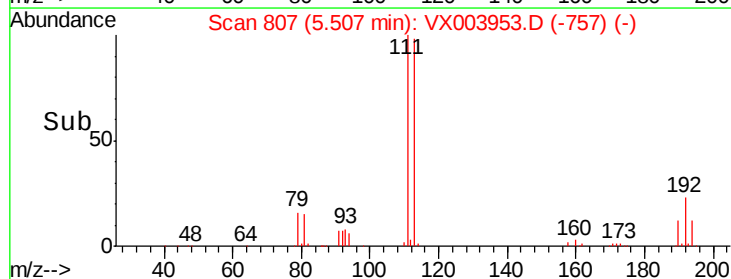
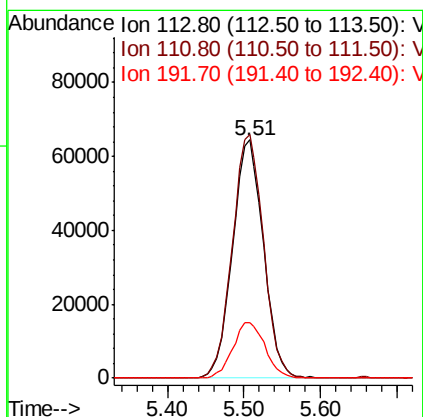
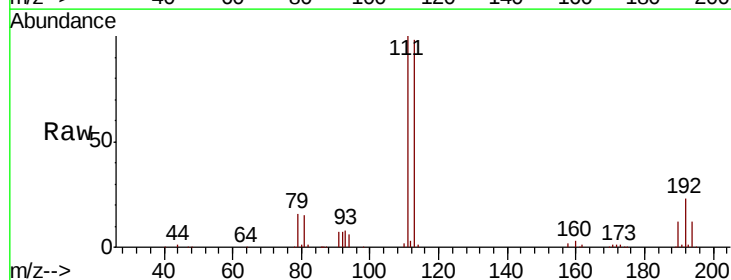
Instrument :
MSVOA_X
ClientSampled :
FB-08082018

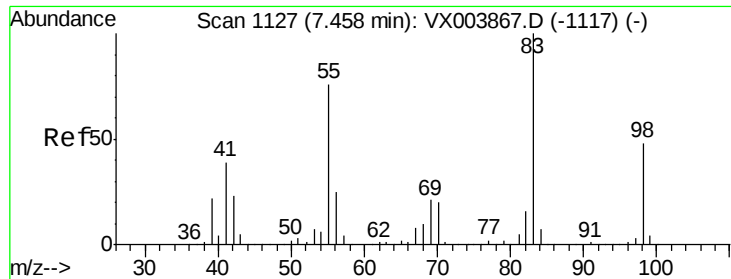
Tot Ion:114 Resp: 487077
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.0
88 14.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.84 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

Tgt Ion:113 Resp: 180219
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 24.2 19.0 28.4

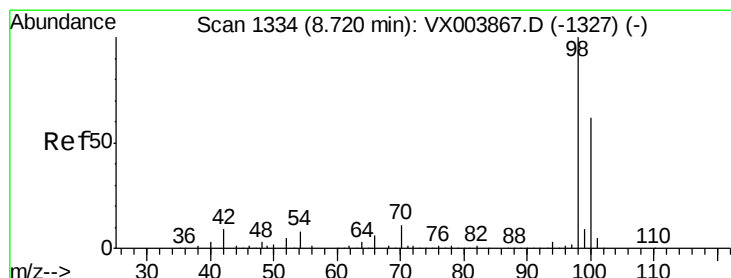
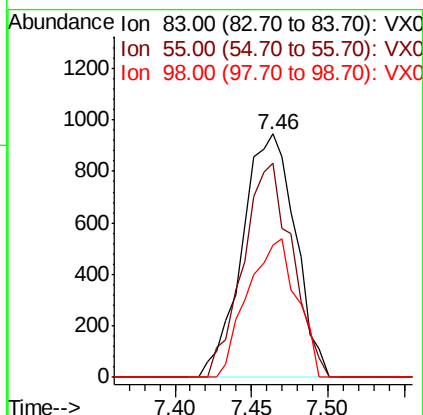
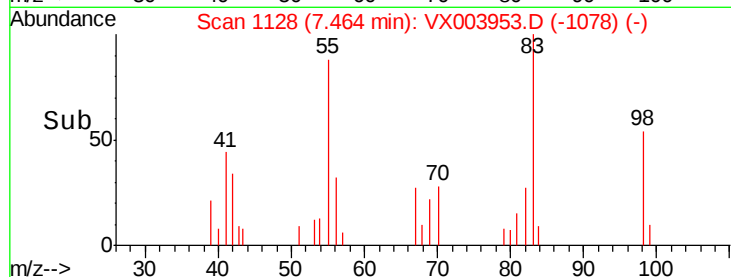
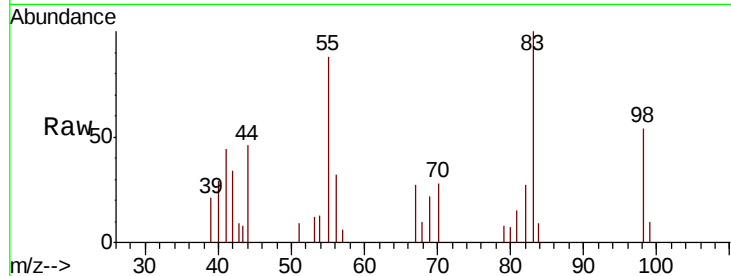




#39
Methylcyclohexane
Concen: 0.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

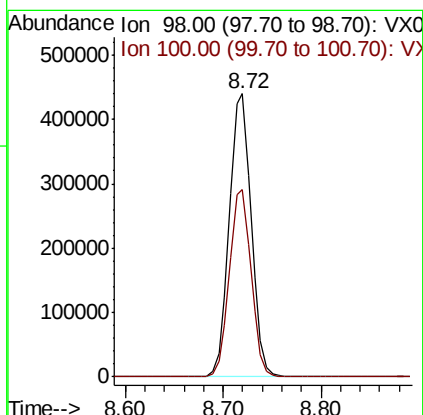
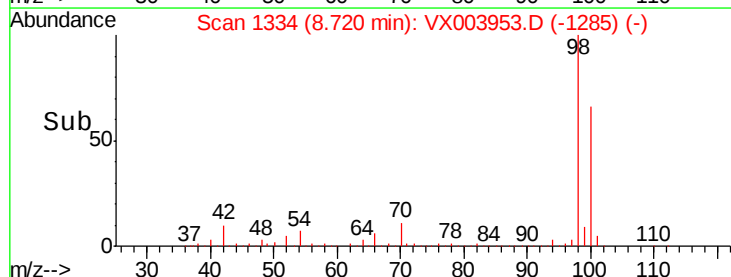
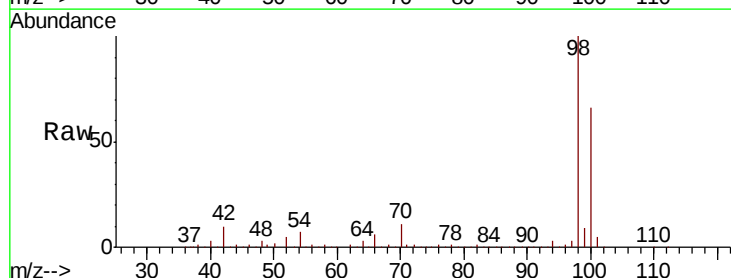
Instrument :
MSVOA_X
ClientSampled :
FB-08082018

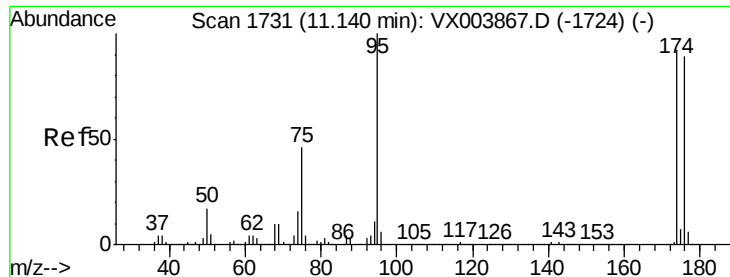
Tot Ion: 83 Resp: 2275
Ion Ratio Lower Upper
83 100
55 87.7 61.0 91.6
98 54.3 38.6 57.8



#50
Toluene-d8
Concen: 47.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

Tgt Ion: 98 Resp: 682608
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9

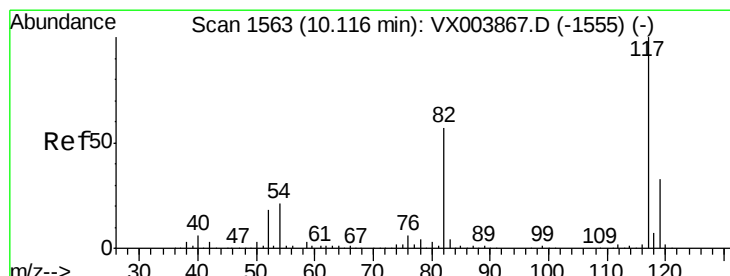
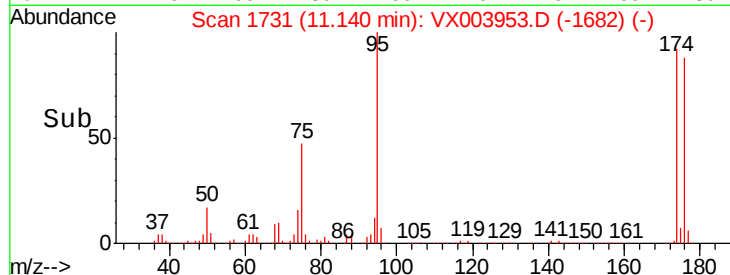
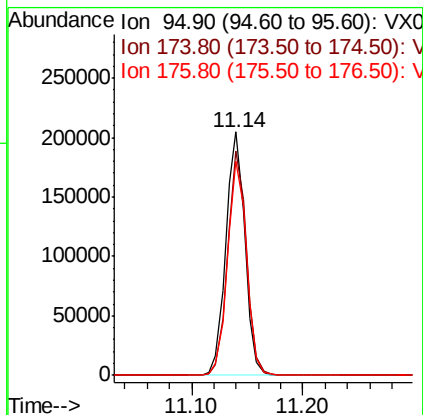
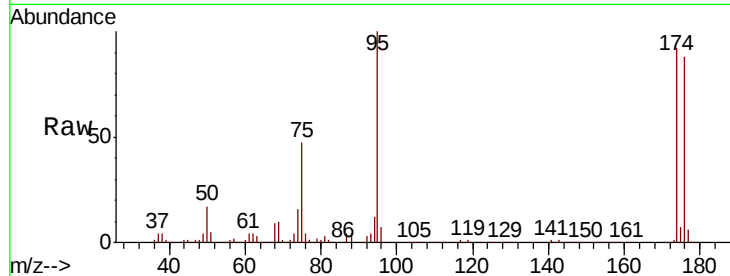




#62
4-Bromofluorobenzene
Concen: 52.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

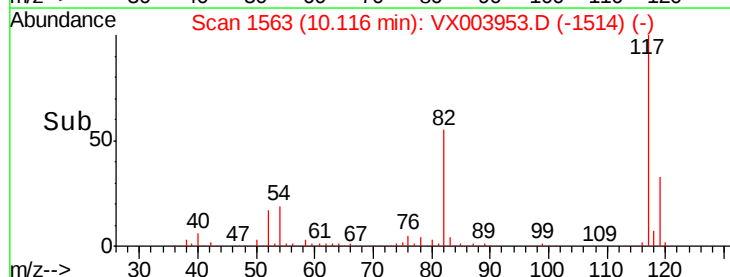
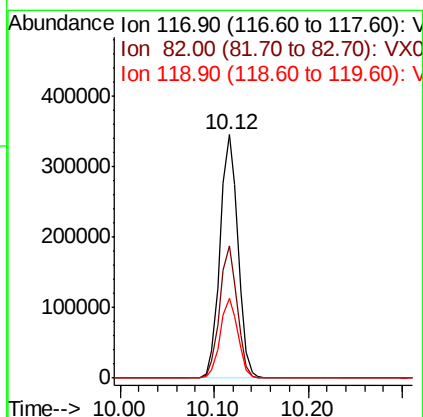
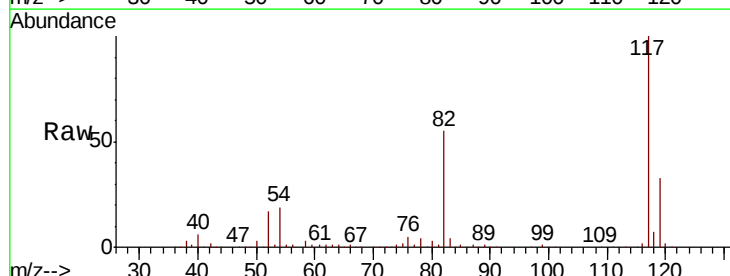
Instrument :
MSVOA_X
ClientSampled :
FB-08082018

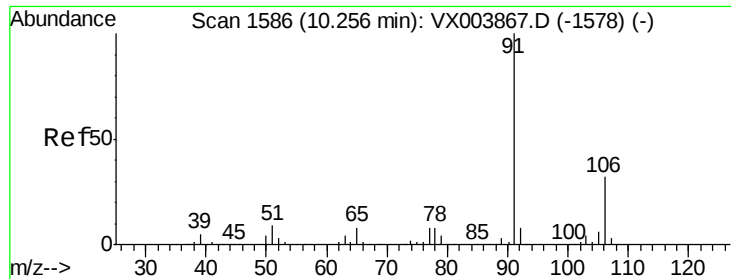
Tot Ion: 95 Resp: 241726
Ion Ratio Lower Upper
95 100
174 91.3 0.0 182.8
176 87.8 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

Tgt Ion: 117 Resp: 455139
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 33.0 26.6 40.0

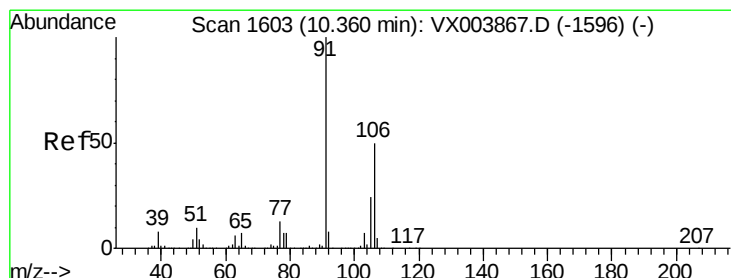
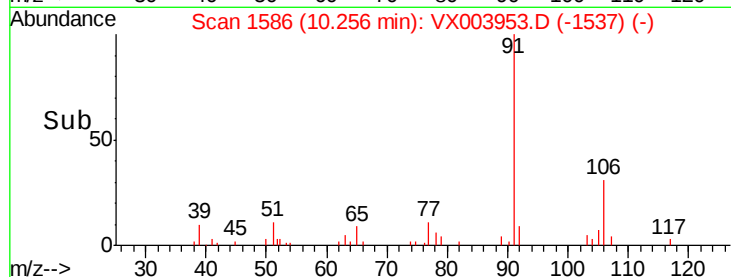
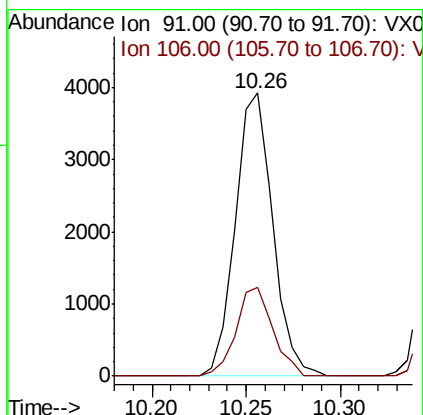
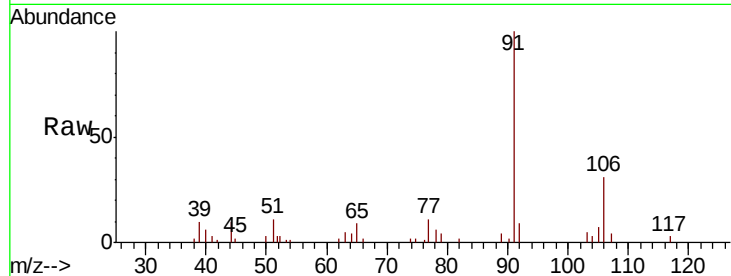




#67
Ethyl Benzene
Concen: 0.28 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

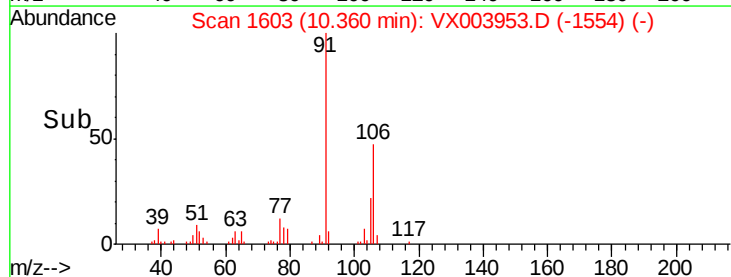
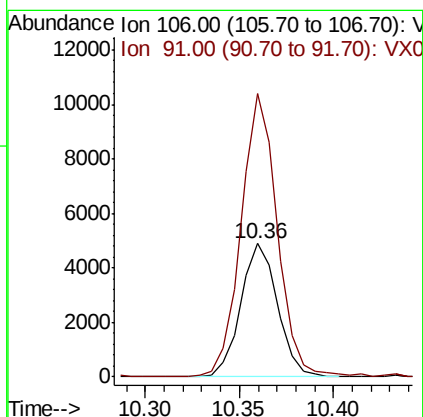
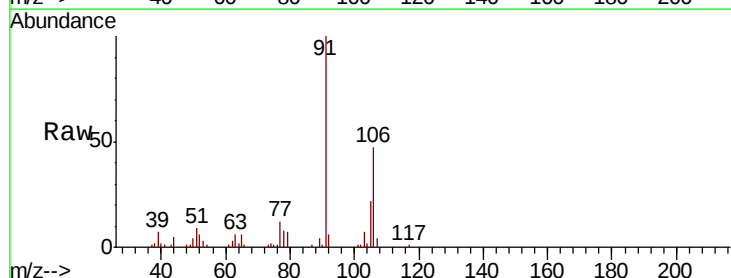
Instrument :
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ClientSampled :
FB-08082018

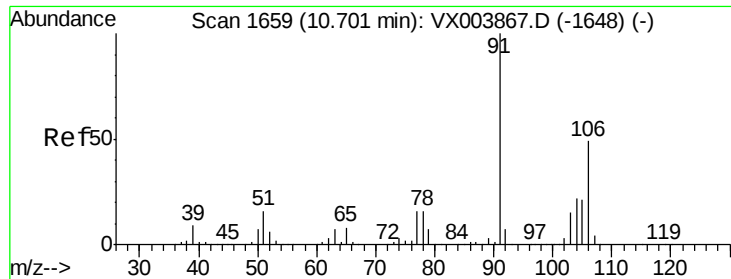
Tot Ion: 91 Resp: 5398
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 0.87 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

Tgt Ion: 106 Resp: 6608
Ion Ratio Lower Upper
106 100
91 209.7 162.3 243.5

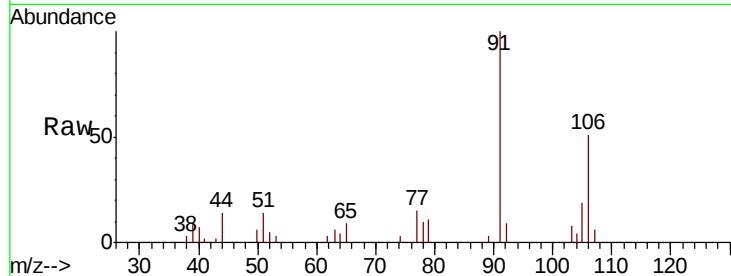




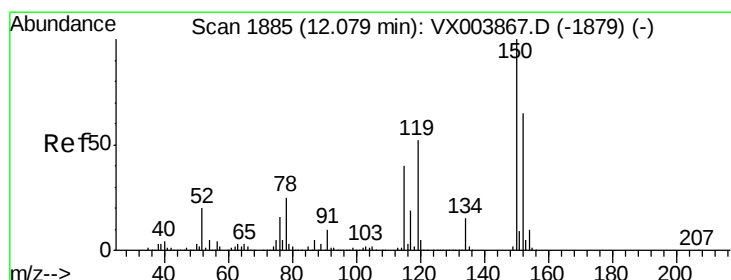
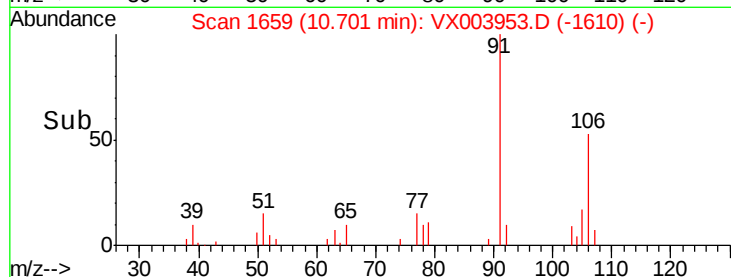
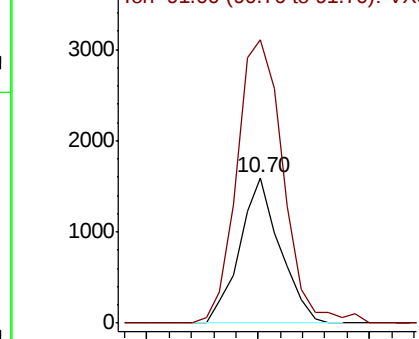
#69
o-Xylene
Concen: 0.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

Instrument :
MSVOA_X
ClientSampled :
FB-08082018

Tot Ion:106 Resp: 2014
Ion Ratio Lower Upper
106 100
91 224.5 101.9 305.7

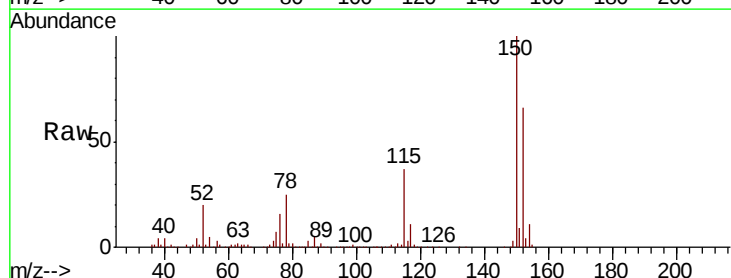


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

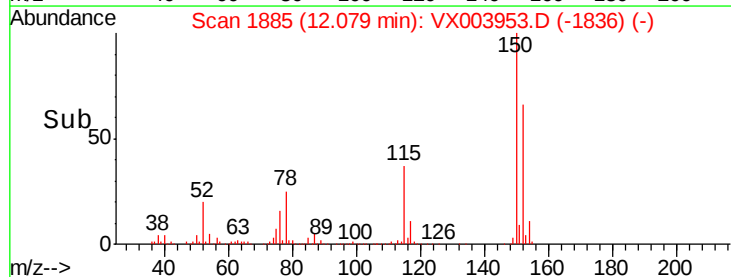
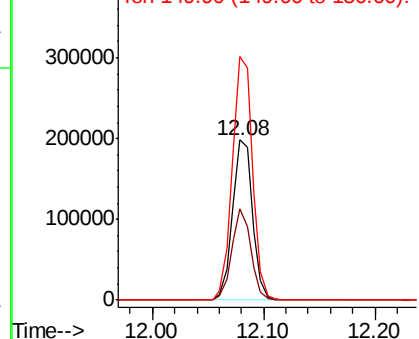


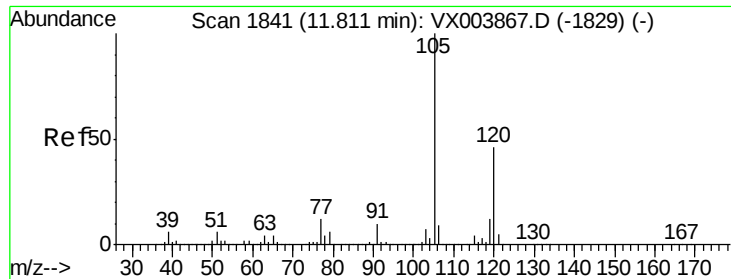
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003953.D
Acq: 09 Aug 2018 16:23

Tgt Ion:152 Resp: 245386
Ion Ratio Lower Upper
152 100
115 54.3 39.1 117.3
150 153.9 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: 0.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003953.D
 Acq: 09 Aug 2018 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-08082018

Tot Ion:105 Resp: 5502
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.1 69.2

