

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004443.D
 Acq On : 10 Sep 2018 12:48
 Operator : JC/MD
 Sample : PB112704TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704TB

Quant Time: Sep 11 01:38:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	342949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	565034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	566041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	290298	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	240071	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	5.49	113	212445	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	811095	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.14	95	268662	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	

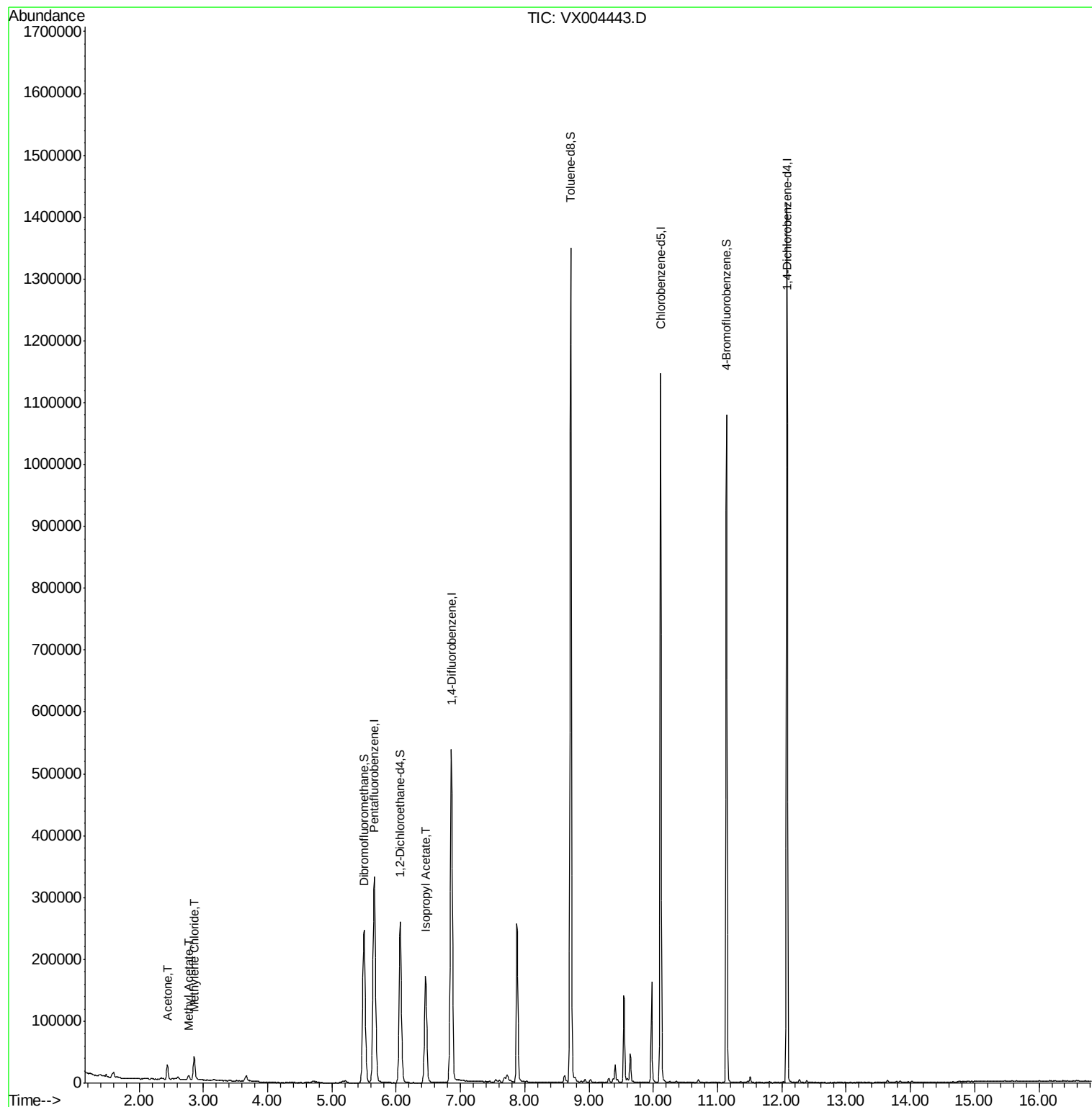
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	25173	5.91	ug/l	99
18) Methyl Acetate	2.77	43	7560	1.14	ug/l	97
20) Methylene Chloride	2.85	84	17802	4.14	ug/l	95
43) Isopropyl Acetate	6.46	43	224381	23.37	ug/l	99

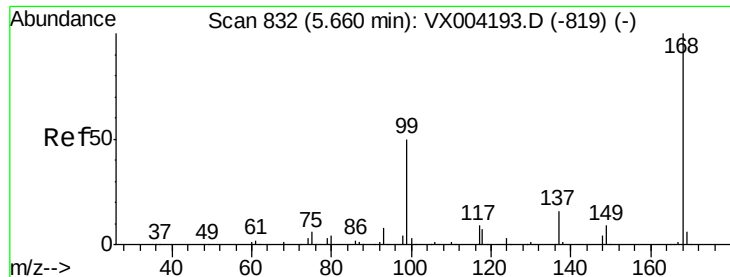
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004443.D

Acq: 10 Sep 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

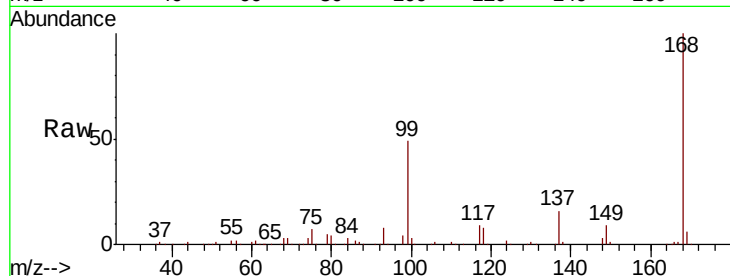
PB112704TB

Tot Ion:168 Resp: 342949

Ion Ratio Lower Upper

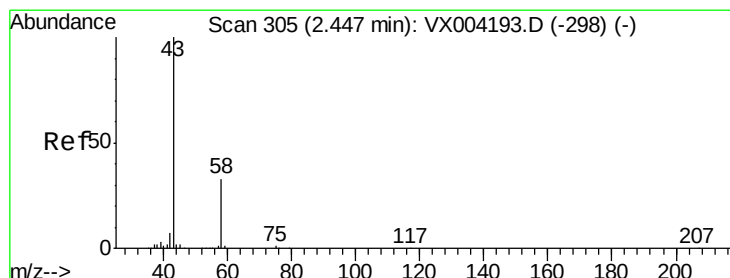
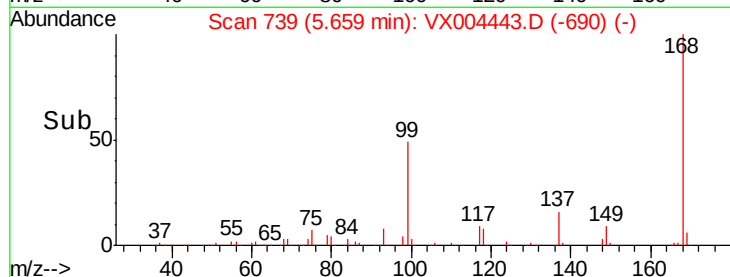
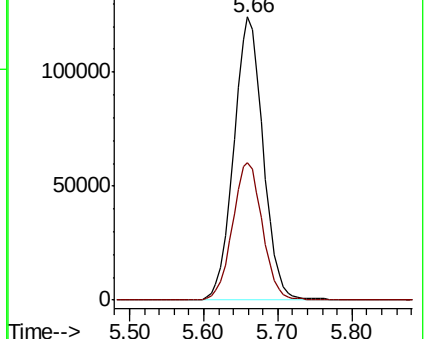
168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.91 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004443.D

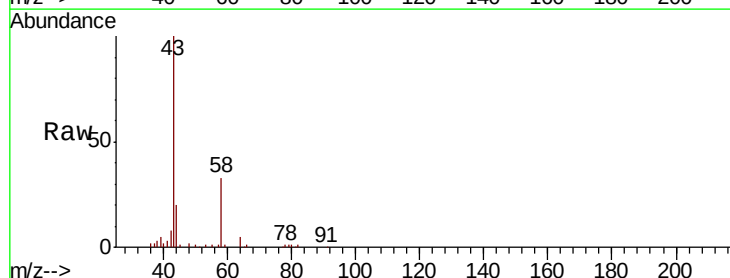
Acq: 10 Sep 2018 12:48

Tgt Ion: 43 Resp: 25173

Ion Ratio Lower Upper

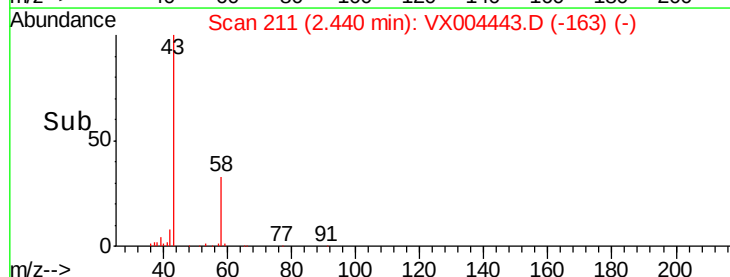
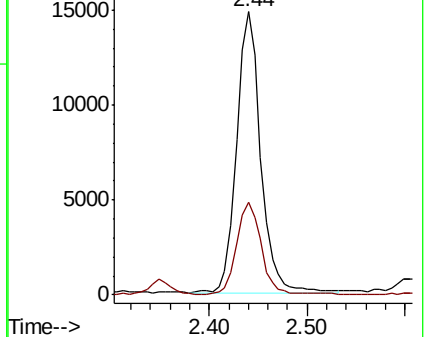
43 100

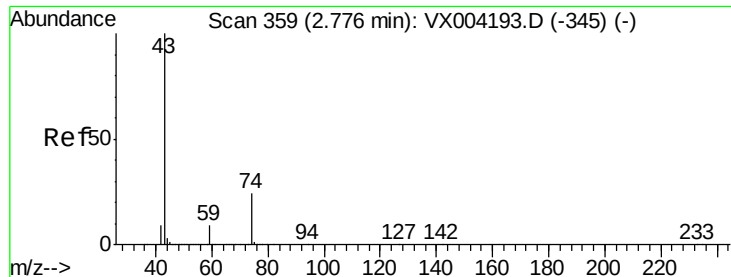
58 33.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

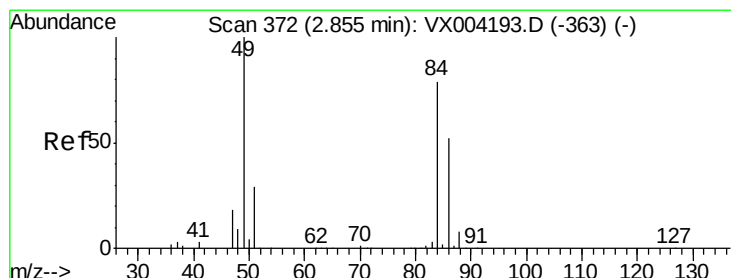
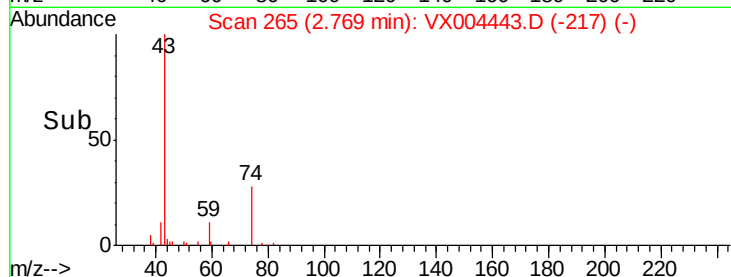
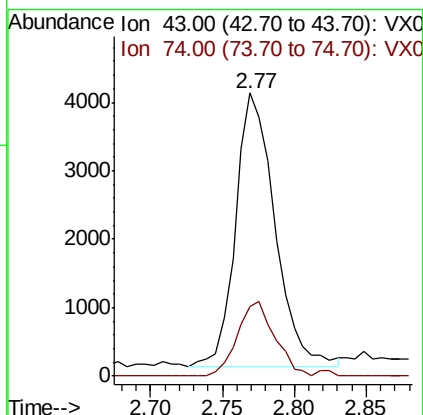
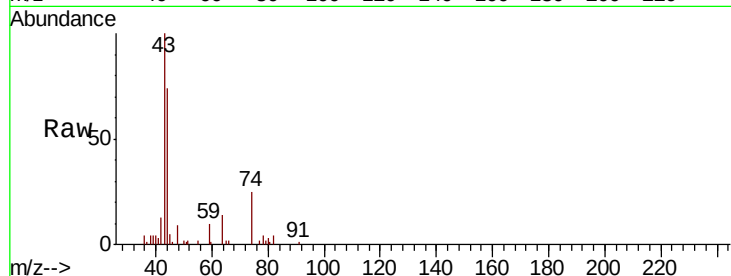




#18
Methvl Acetate
Concen: 1.14 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX004443.D
Acq: 10 Sep 2018 12:48

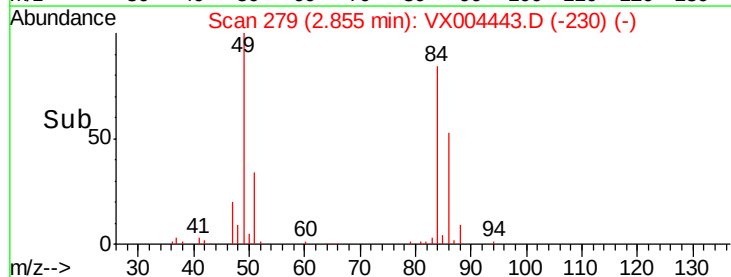
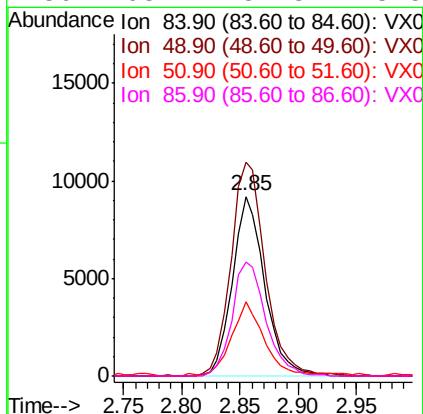
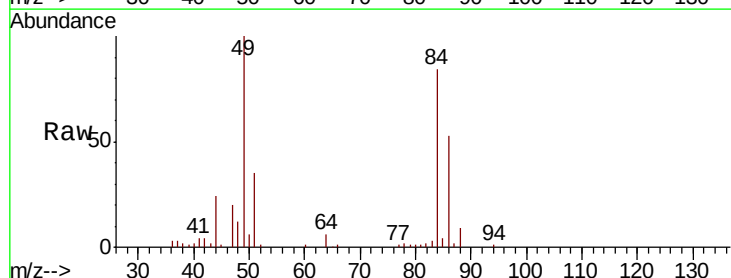
Instrument :
MSVOA_X
ClientSampleId :
PB112704TB

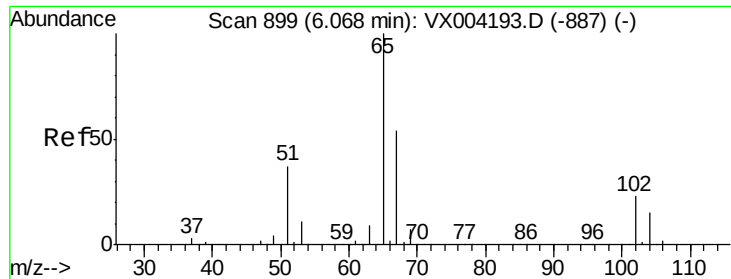
Tot Ion: 43 Resp: 7560
Ion Ratio Lower Upper
43 100
74 25.9 19.4 29.2



#20
Methylene Chloride
Concen: 4.14 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004443.D
Acq: 10 Sep 2018 12:48

Tgt Ion: 84 Resp: 17802
Ion Ratio Lower Upper
84 100
49 118.9 101.2 151.8
51 40.1 29.5 44.3
86 63.1 52.3 78.5

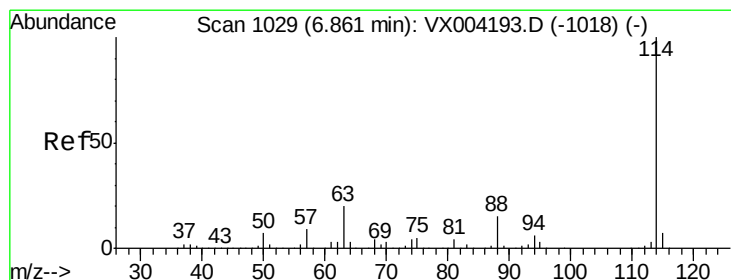
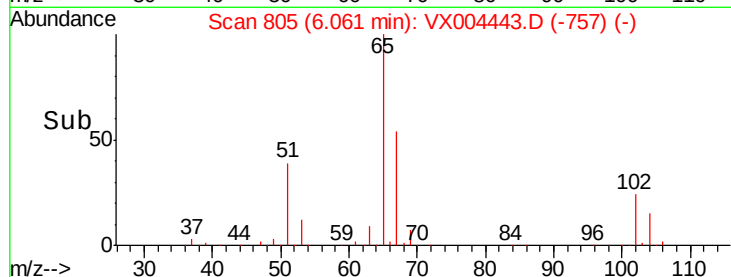
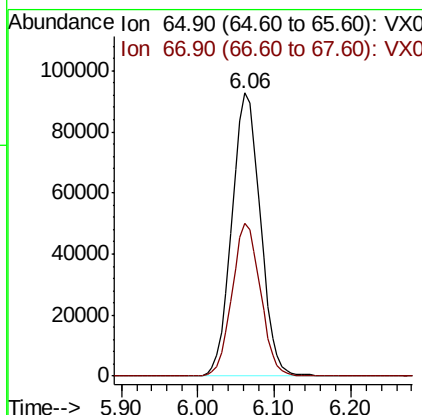
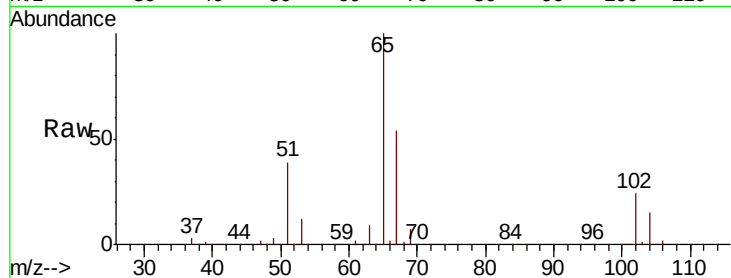




#33
 1,2-Dichloroethane-d4
 Concen: 53.71 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004443.D
 Acq: 10 Sep 2018 12:48

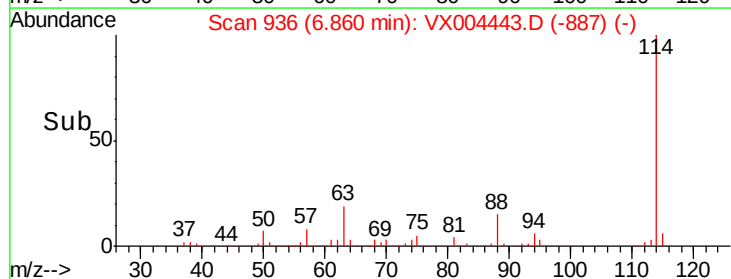
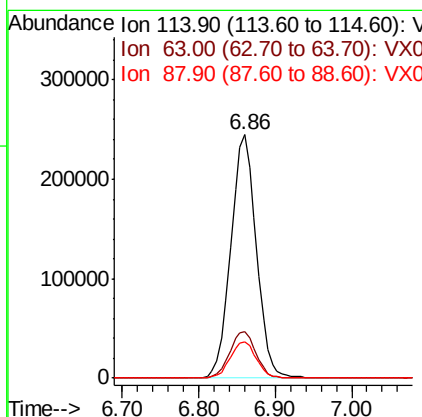
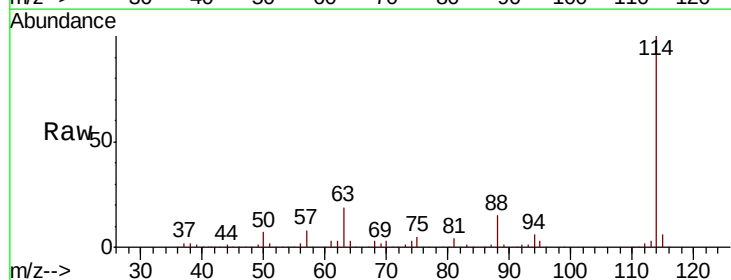
Instrument :
 MSVOA_X
 ClientSampled :
 PB112704TB

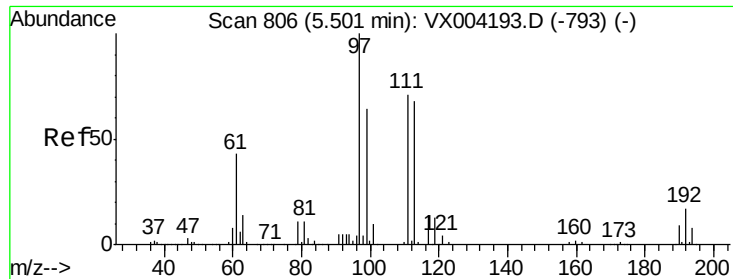
Tot Ion: 65 Resp: 240071
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004443.D
 Acq: 10 Sep 2018 12:48

Tgt Ion: 114 Resp: 565034
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.1 0.0 30.4

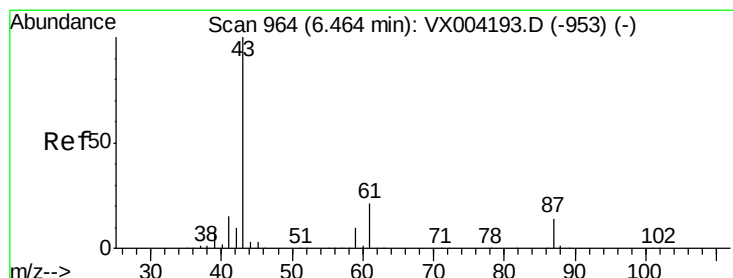
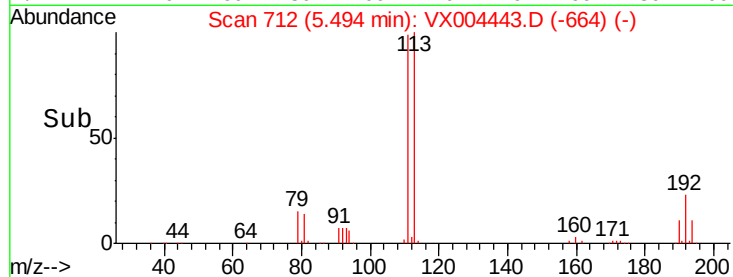
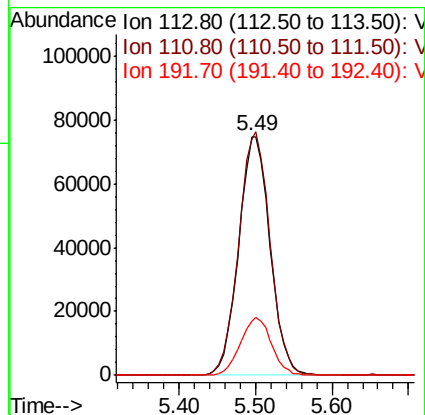
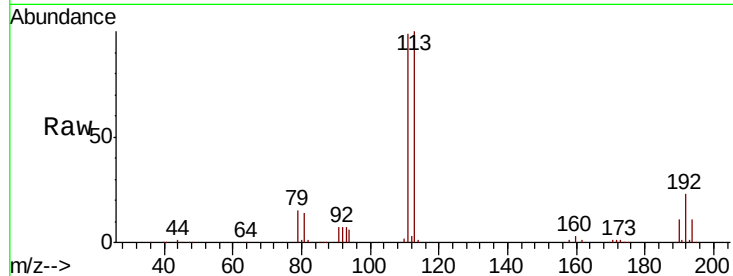




#35
 Dibromofluoromethane
 Concen: 50.54 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004443.D
 Acq: 10 Sep 2018 12:48

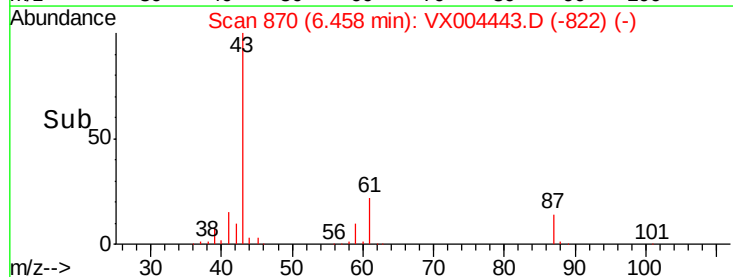
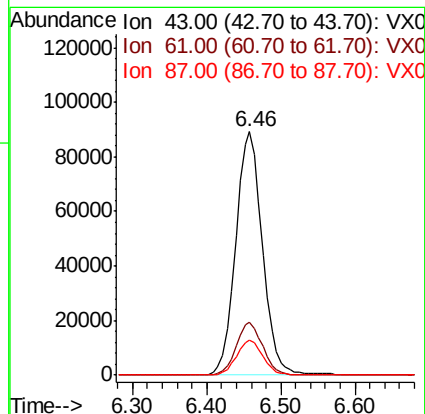
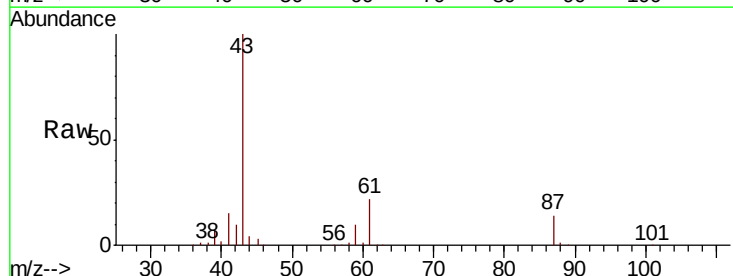
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704TB

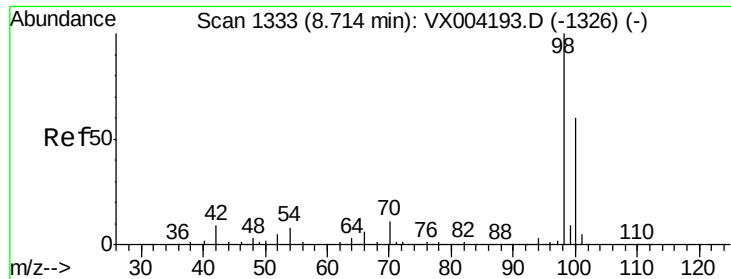
Tot Ion:113 Resp: 212445
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 24.0 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 23.37 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004443.D
 Acq: 10 Sep 2018 12:48

Tgt Ion: 43 Resp: 224381
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.0 25.4
 87 14.1 11.4 17.2





#50

Toluene-d8

Concen: 51.12 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004443.D

Acq: 10 Sep 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

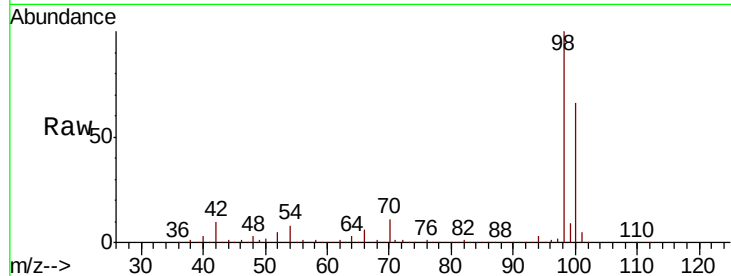
PB112704TB

Tot Ion: 98 Resp: 811095

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

600000

500000

400000

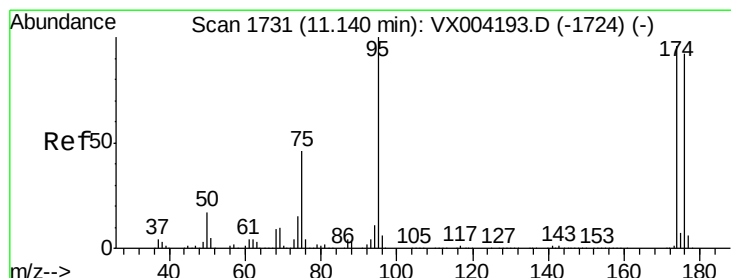
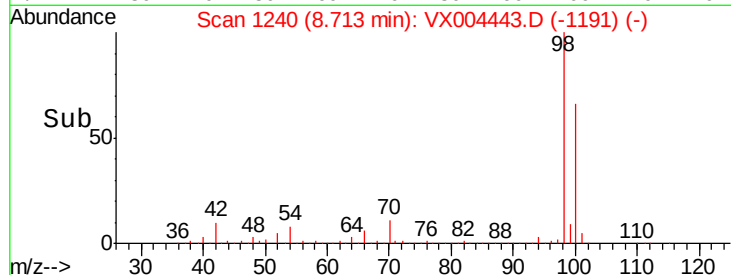
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.38 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004443.D

Acq: 10 Sep 2018 12:48

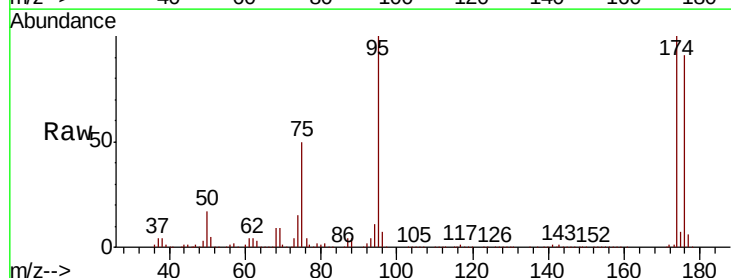
Tgt Ion: 95 Resp: 268662

Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.2

176 85.1 0.0 178.6



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

11.14

300000

250000

200000

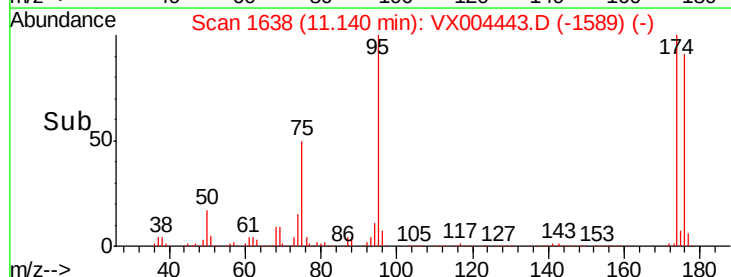
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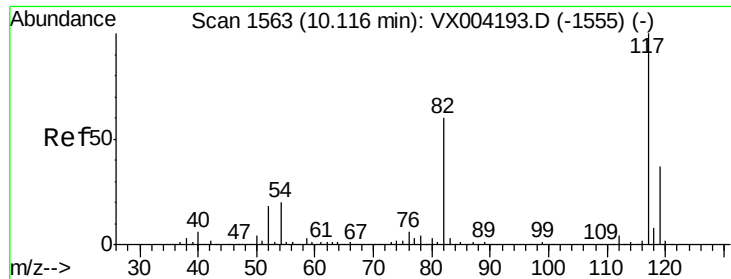
100000

50000

0

Time-->

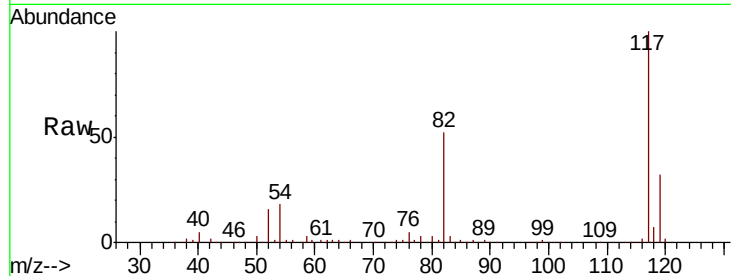




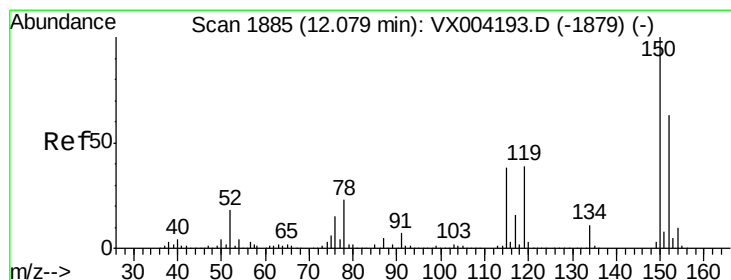
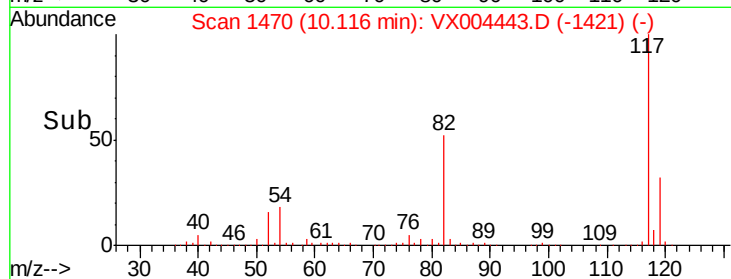
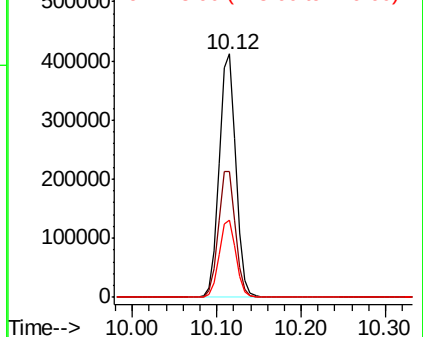
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004443.D
Acq: 10 Sep 2018 12:48

Instrument :
MSVOA_X
ClientSampled :
PB112704TB

Tot Ion:117 Resp: 566041
Ion Ratio Lower Upper
117 100
82 51.6 47.8 71.6
119 31.8 29.3 43.9

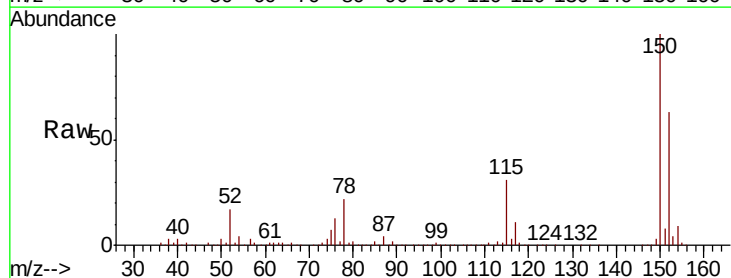


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004443.D
Acq: 10 Sep 2018 12:48

Tgt Ion:152 Resp: 290298
Ion Ratio Lower Upper
152 100
115 53.9 39.0 117.0
150 162.0 0.0 351.0



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

