

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002810.D
 Acq On : 22 Jun 2018 01:47
 Operator : JC/MD
 Sample : PB110441ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#13

Quant Time: Jun 22 03:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

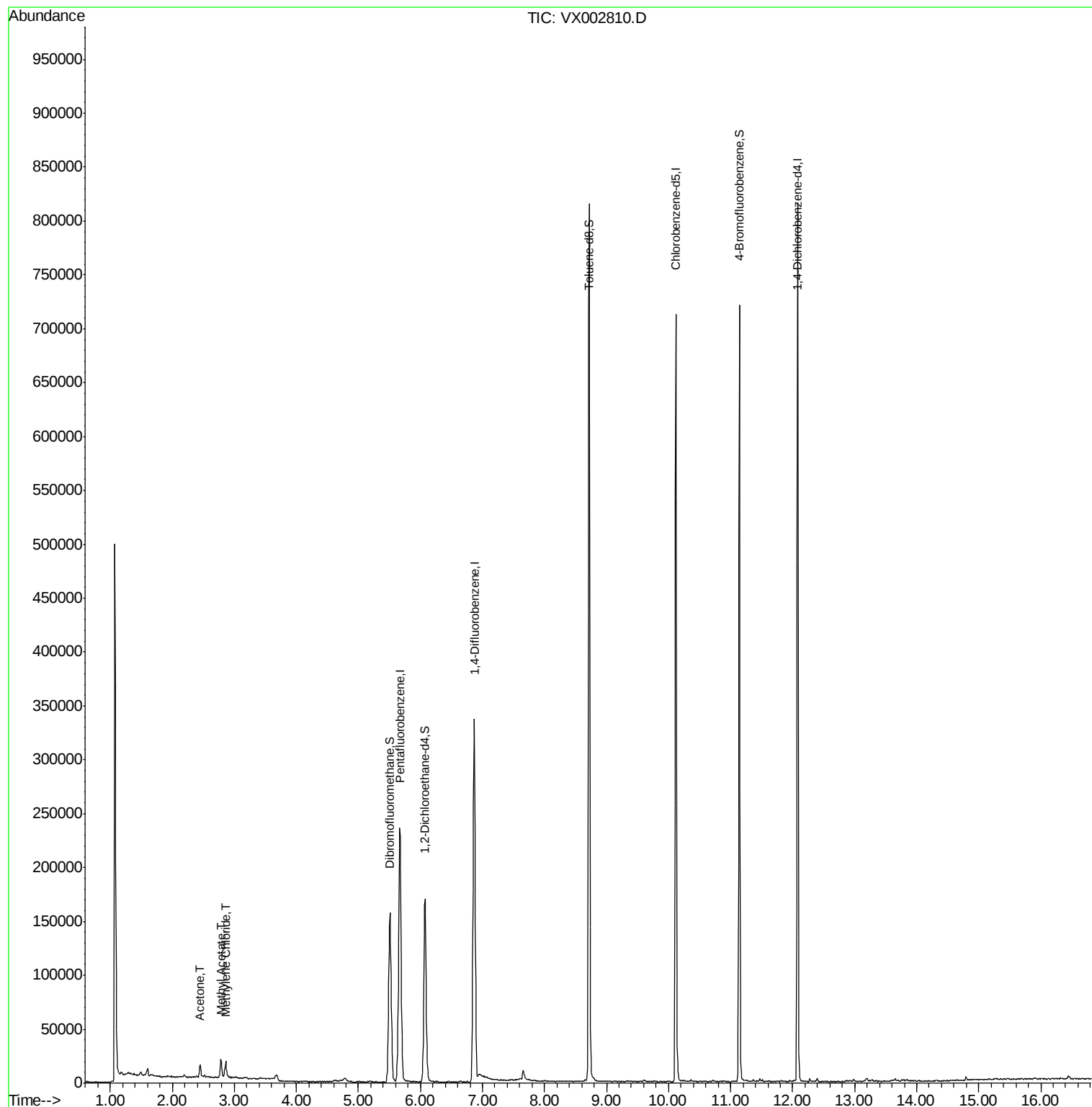
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163574	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
35) Dibromofluoromethane	5.51	113	126088	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	8.72	98	473238	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	162775	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
Target Compounds						
16) Acetone	2.45	43	13262	8.46	ug/l	99
18) Methyl Acetate	2.78	43	20651	4.95	ug/l	97
20) Methylene Chloride	2.86	84	6585	2.05	ug/l	91

(#) = 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. -0.01 min

Lab File: VX002810.D

Acq: 22 Jun 2018 01:47

Instrument :

MSVOA_X

ClientSampleId :

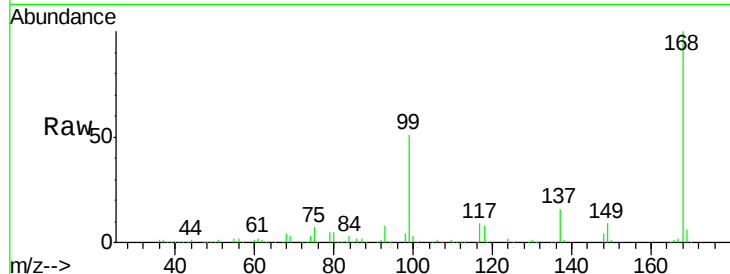
PB110441ZHE#13

Tot Ion:168 Resp: 233747

Ion Ratio Lower Upper

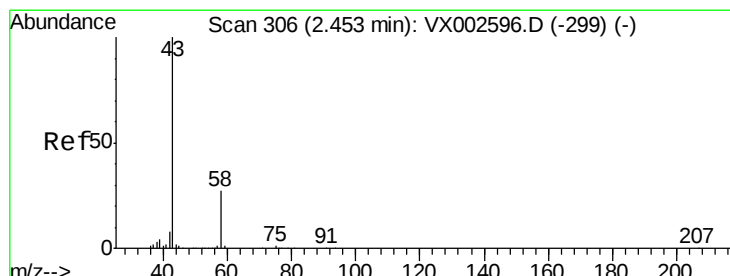
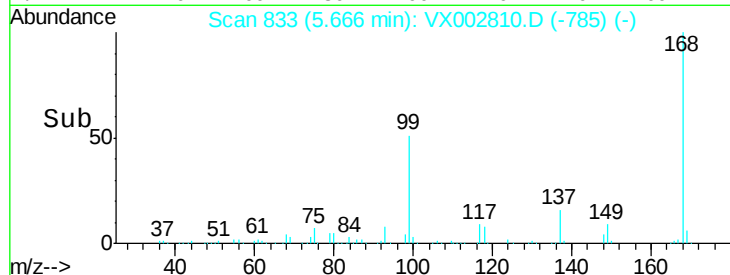
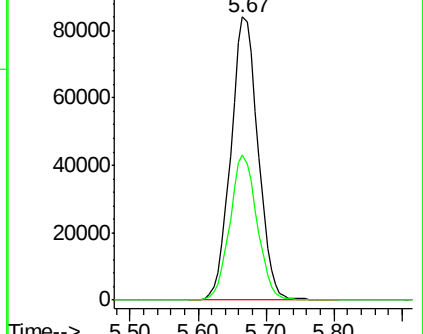
168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.46 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002810.D

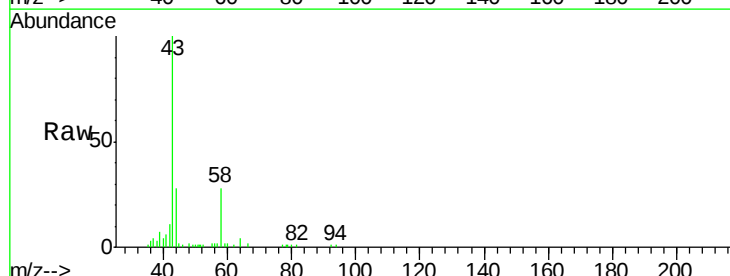
Acq: 22 Jun 2018 01:47

Tgt Ion: 43 Resp: 13262

Ion Ratio Lower Upper

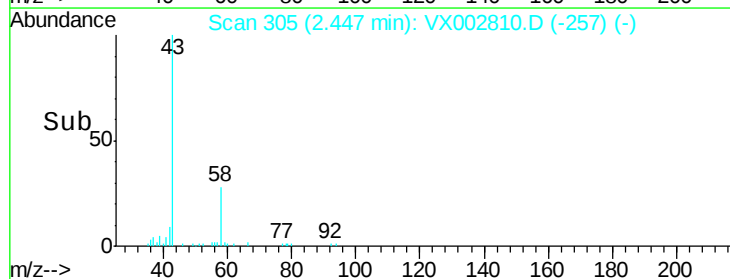
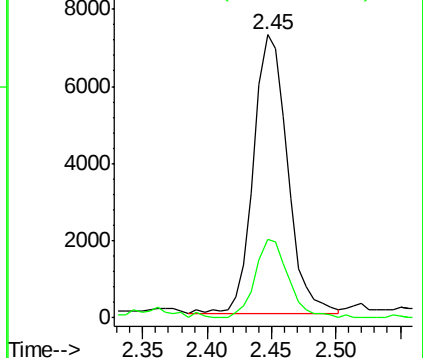
43 100

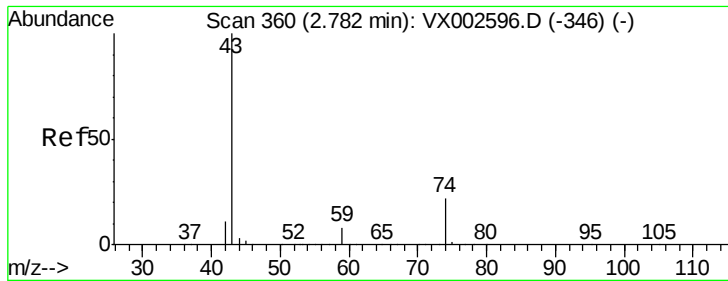
58 28.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

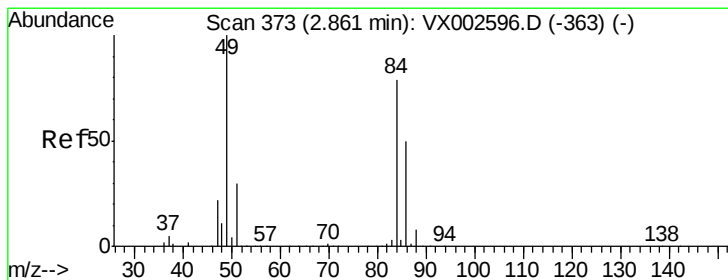
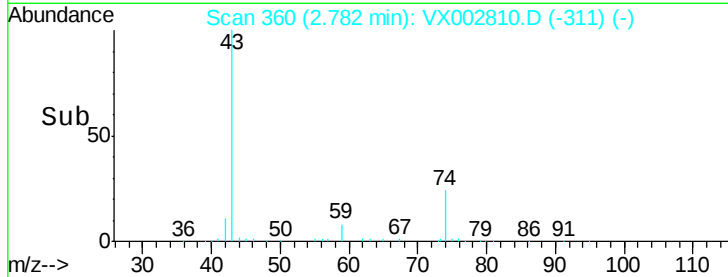
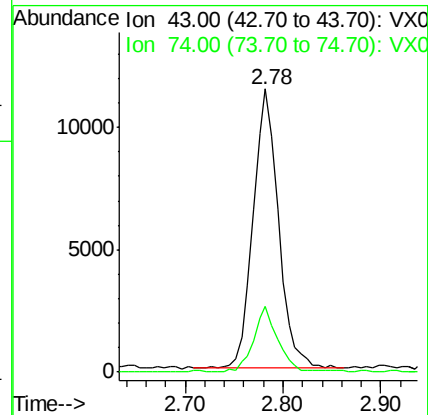
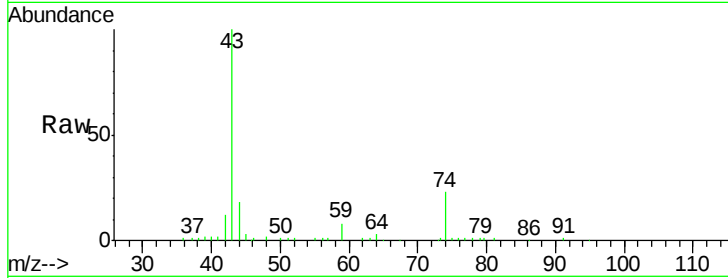




#18
Methvl Acetate
Concen: 4.95 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002810.D
Acq: 22 Jun 2018 01:47

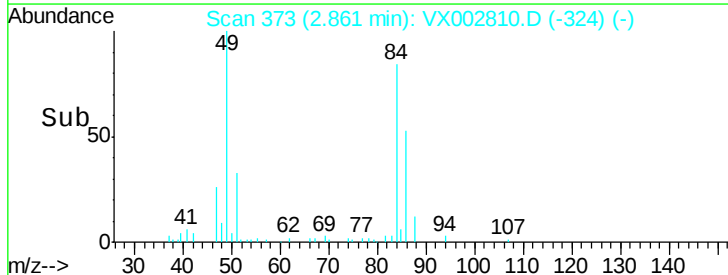
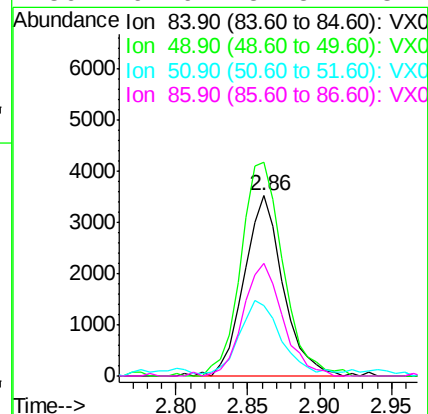
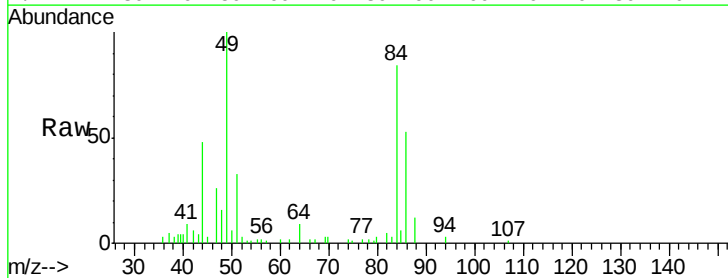
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#13

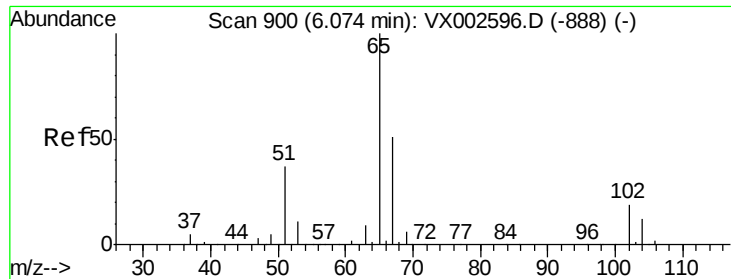
Tot Ion: 43 Resp: 20651
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



#20
Methylene Chloride
Concen: 2.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002810.D
Acq: 22 Jun 2018 01:47

Tgt Ion: 84 Resp: 6585
Ion Ratio Lower Upper
84 100
49 118.4 107.8 161.6
51 37.9 32.8 49.2
86 62.6 52.5 78.7

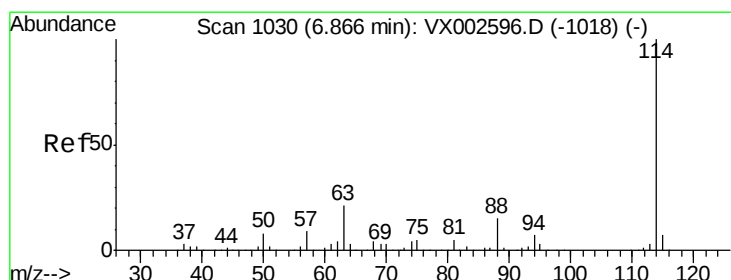
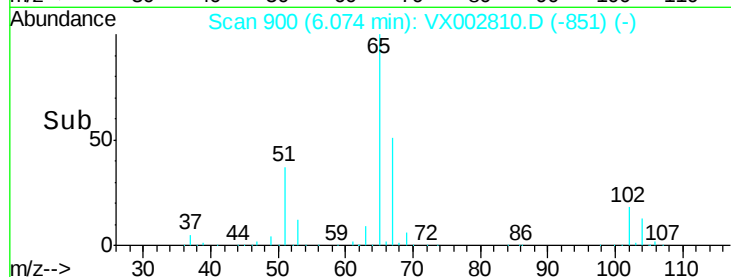
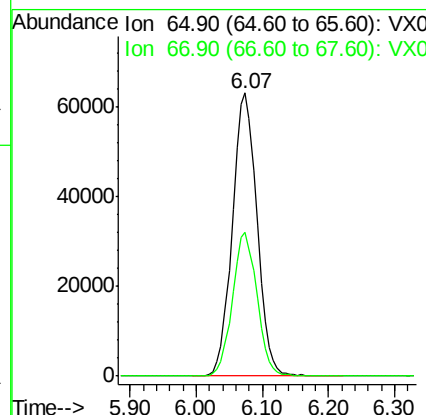
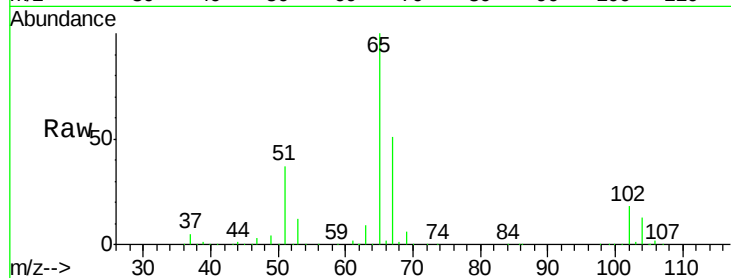




#33
 1,2-Dichloroethane-d4
 Concen: 46.05 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002810.D
 Acq: 22 Jun 2018 01:47

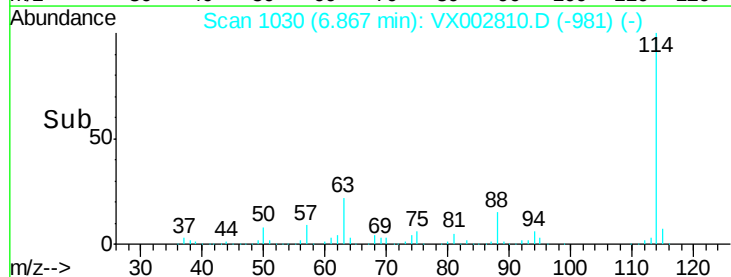
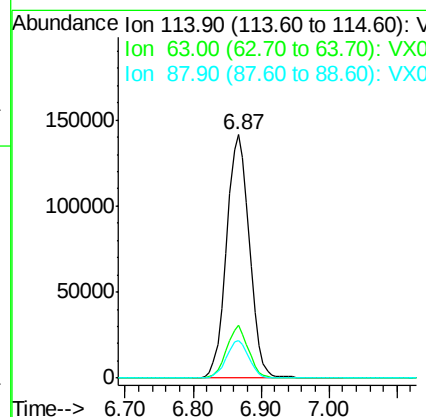
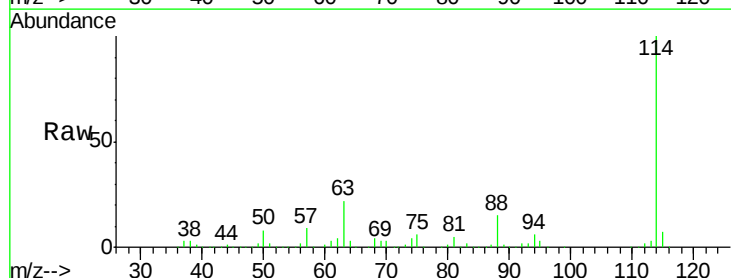
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#13

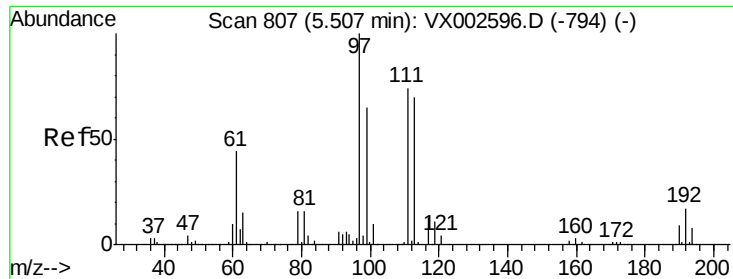
Tot Ion: 65 Resp: 163574
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002810.D
 Acq: 22 Jun 2018 01:47

Tgt Ion: 114 Resp: 330561
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.4
 88 15.4 0.0 30.0

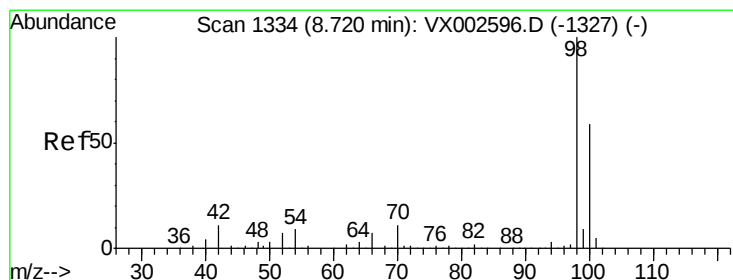
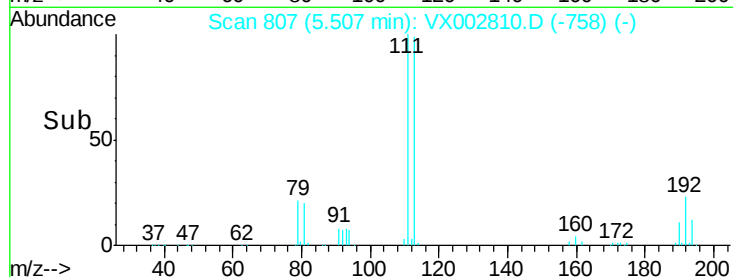
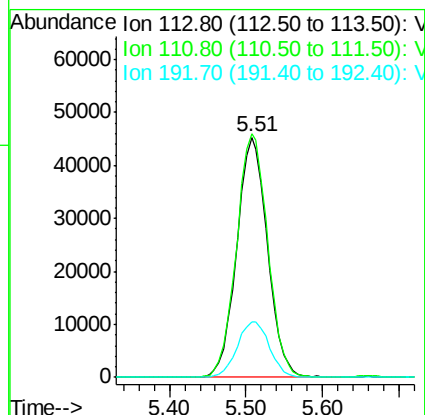
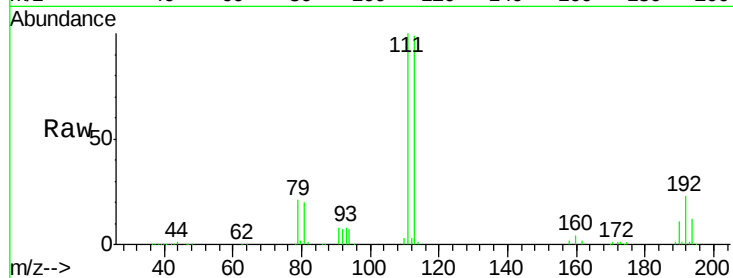




#35
 Dibromofluoromethane
 Concen: 47.79 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002810.D
 Acq: 22 Jun 2018 01:47

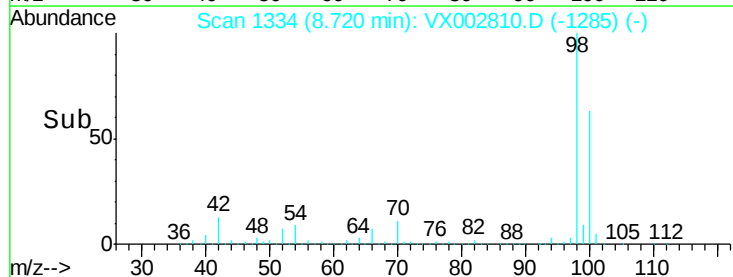
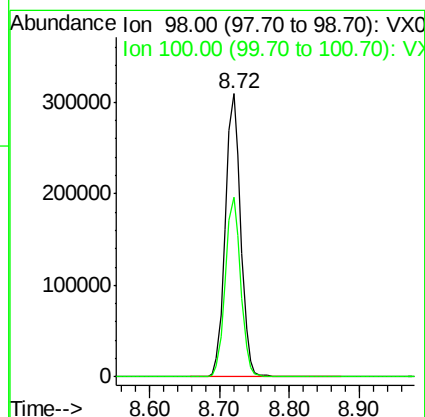
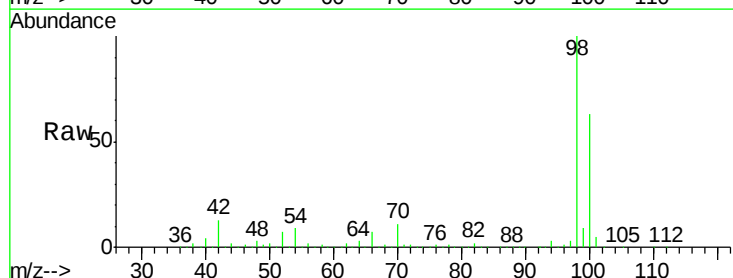
Instrument :
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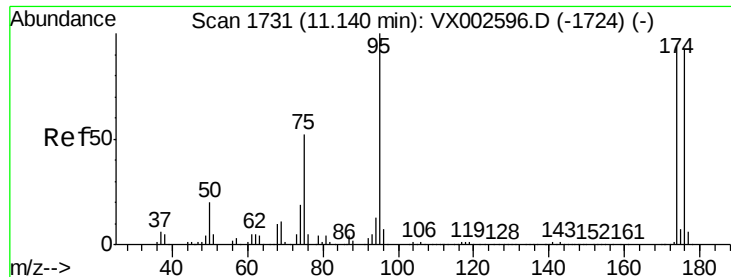
Tot Ion:113 Resp: 126088
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 24.3 19.1 28.7



#50
 Toluene-d8
 Concen: 47.24 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002810.D
 Acq: 22 Jun 2018 01:47

Tgt Ion: 98 Resp: 473238
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.9 76.3

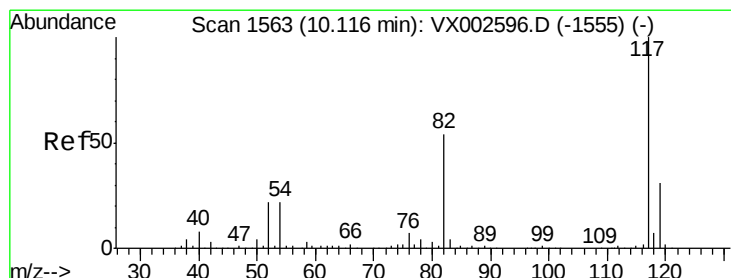
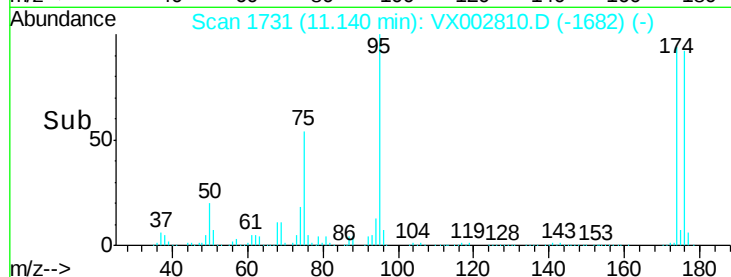
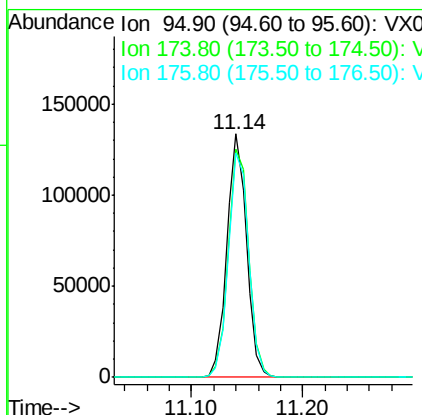
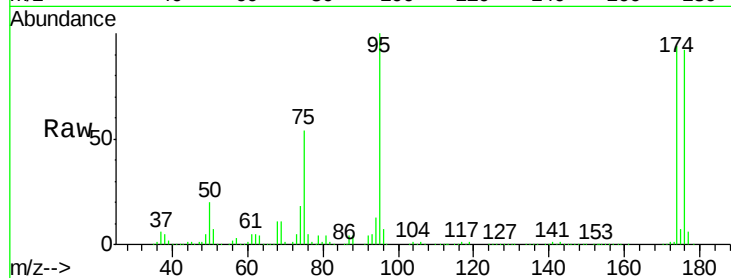




#62
4-Bromofluorobenzene
Concen: 42.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002810.D
Acq: 22 Jun 2018 01:47

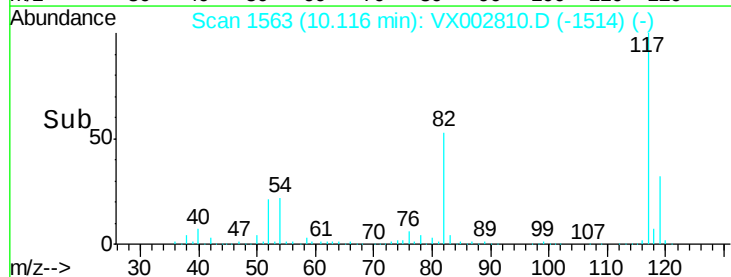
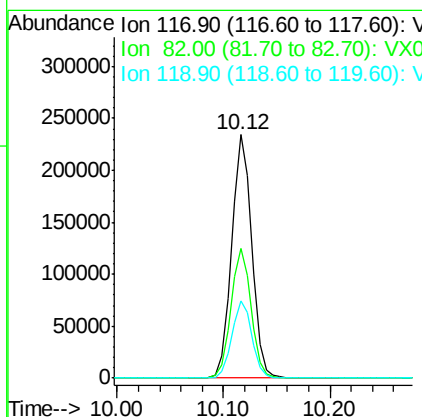
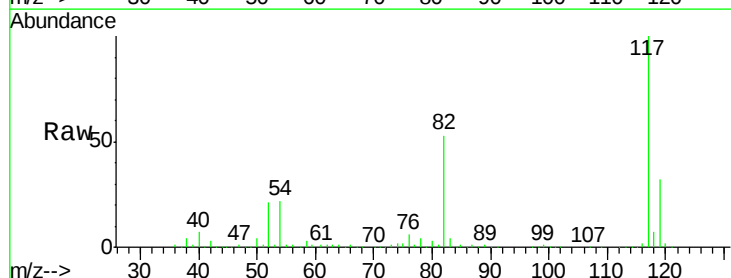
Instrument :
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ClientSampleId :
PB110441ZHE#13

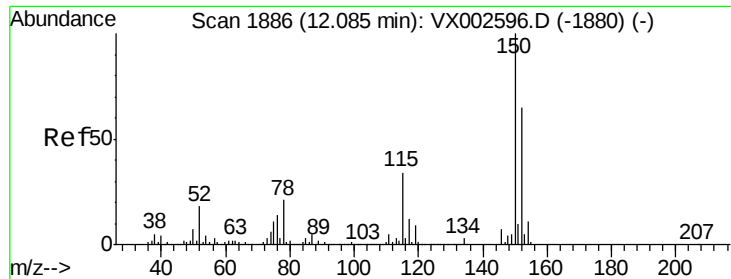
Tot Ion: 95 Resp: 162775
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 95.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002810.D
Acq: 22 Jun 2018 01:47

Tgt Ion: 117 Resp: 310606
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002810.D

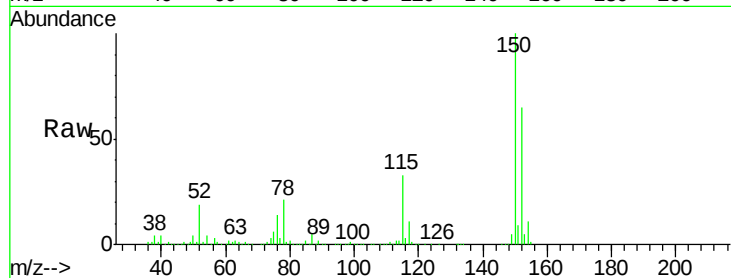
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Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#13



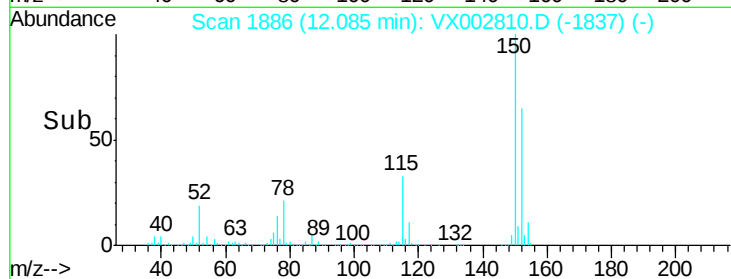
Tot Ion:152 Resp: 173964

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 155.8 0.0 347.2



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

