

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002815.D
 Acq On : 22 Jun 2018 04:00
 Operator : JC/MD
 Sample : PB110441ZHE#18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#18

Quant Time: Jun 22 05:53:50 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	232566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175705	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	163711	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	5.51	113	128169	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.72	98	474690	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.14	95	164487	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	

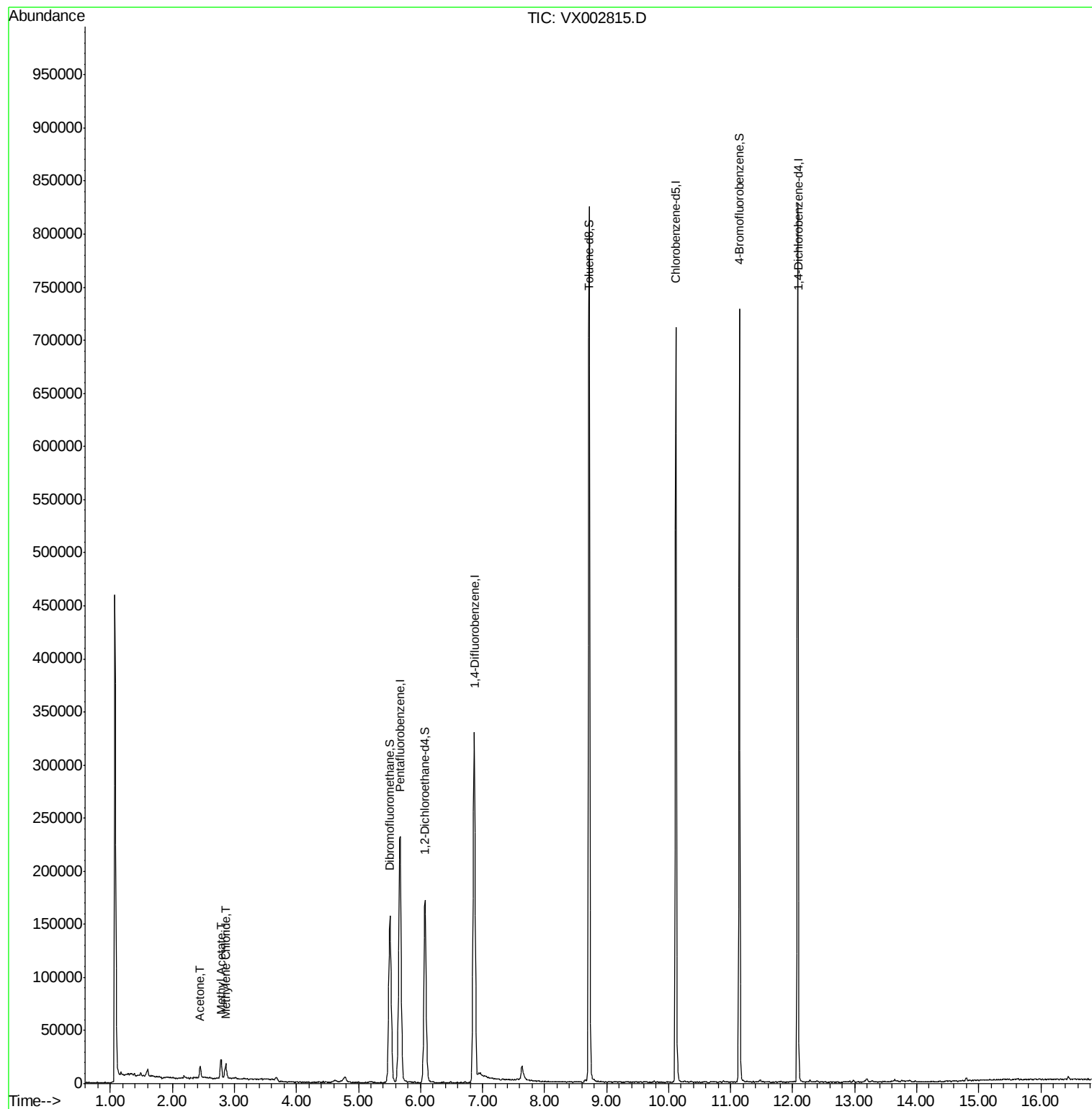
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13404	8.60	ug/l	93
18) Methyl Acetate	2.78	43	22775	5.48	ug/l	97
20) Methylene Chloride	2.85	84	6442	2.02	ug/l	89

(#) = 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# 834

Delta R.T. -0.00 min

Lab File: VX002815.D

Acq: 22 Jun 2018 04:00

Instrument :

MSVOA_X

ClientSampleId :

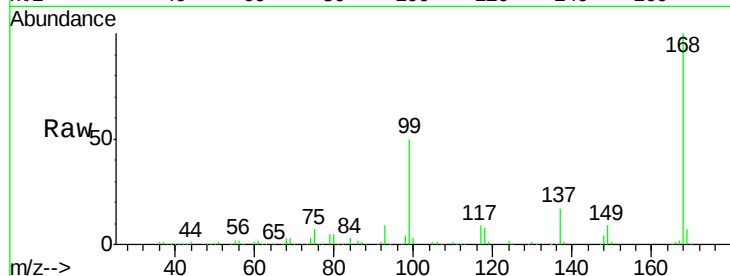
PB110441ZHE#18

Tot Ion:168 Resp: 232566

Ion Ratio Lower Upper

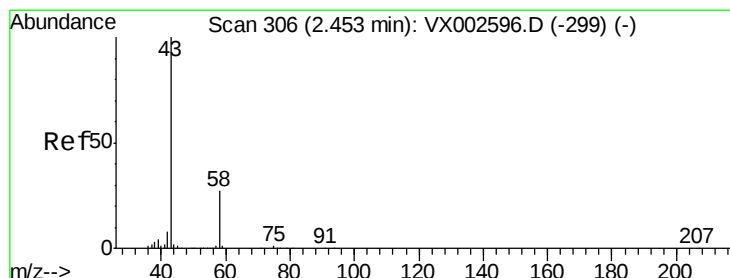
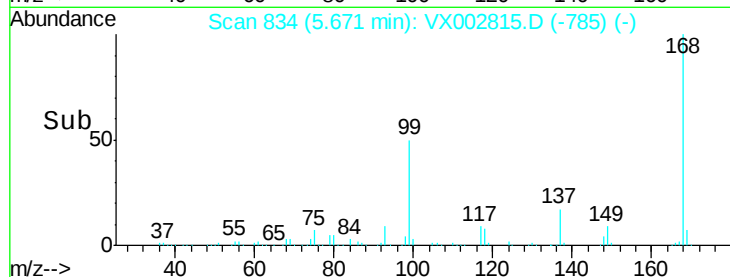
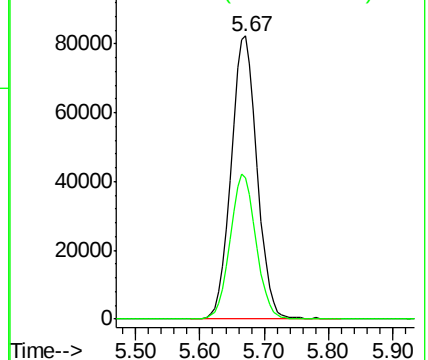
168 100

99 49.8 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: 8.60 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002815.D

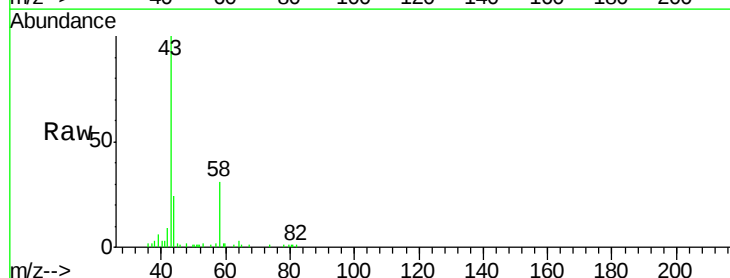
Acq: 22 Jun 2018 04:00

Tgt Ion: 43 Resp: 13404

Ion Ratio Lower Upper

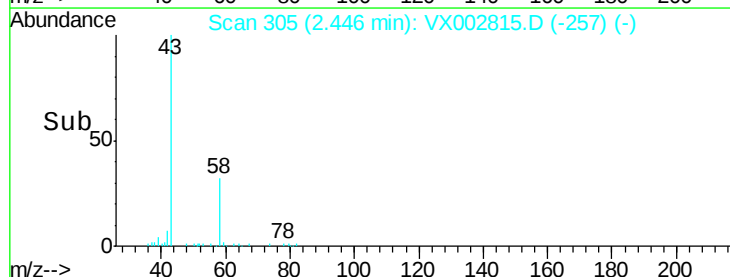
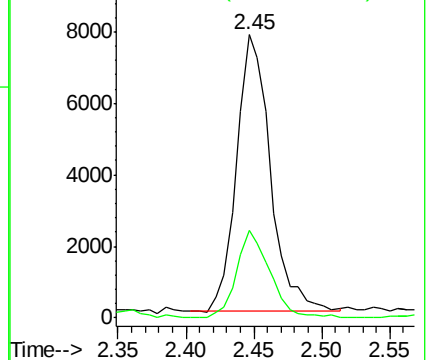
43 100

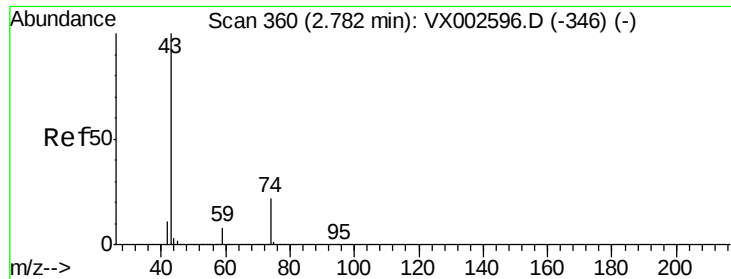
58 31.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

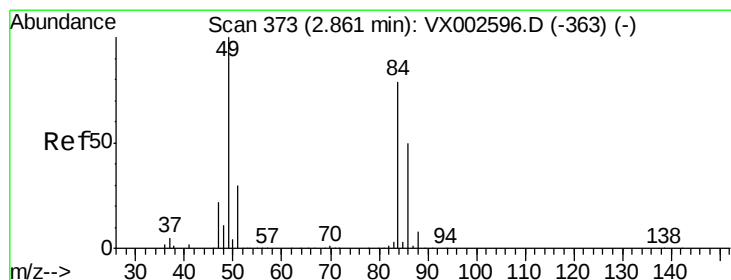
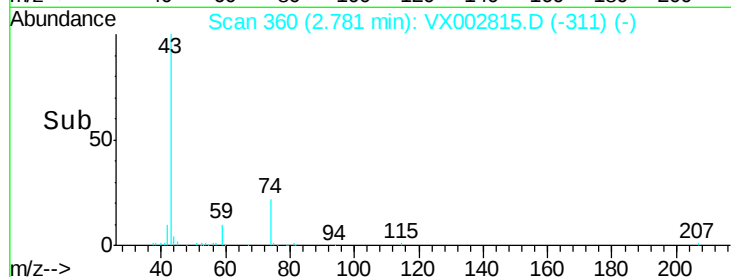
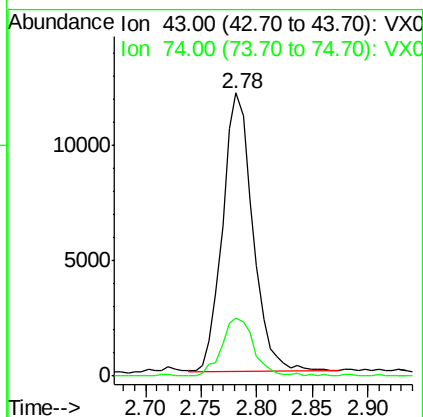
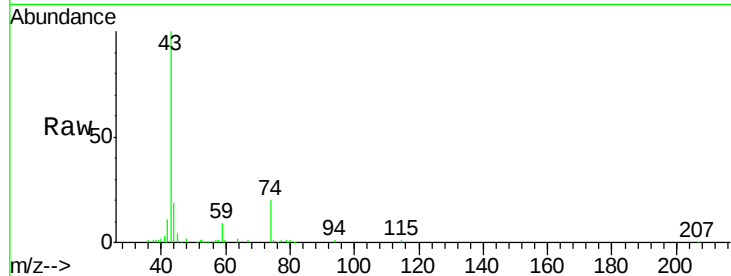




#18
Methvl Acetate
Concen: 5.48 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002815.D
Acq: 22 Jun 2018 04:00

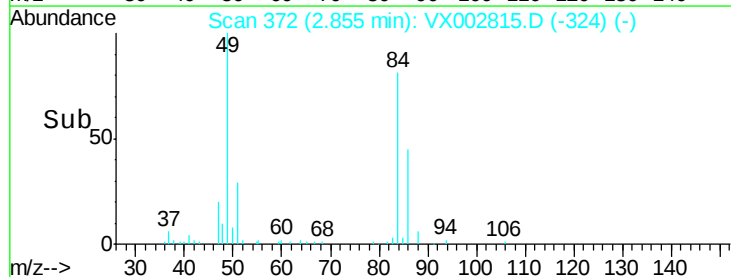
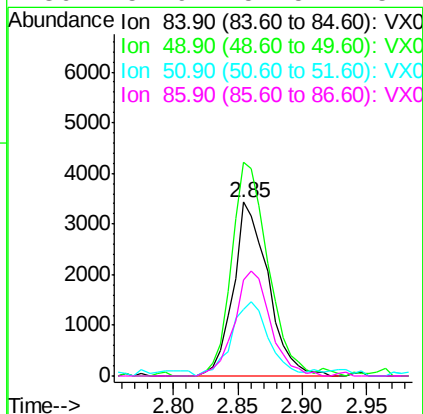
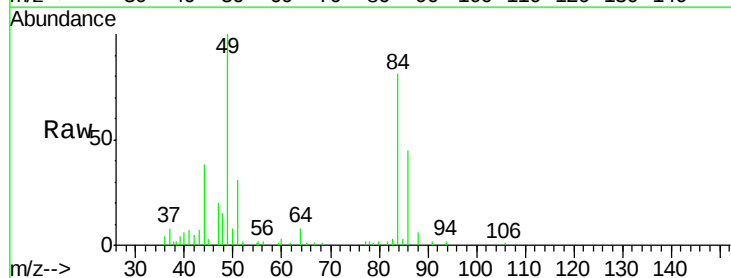
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#18

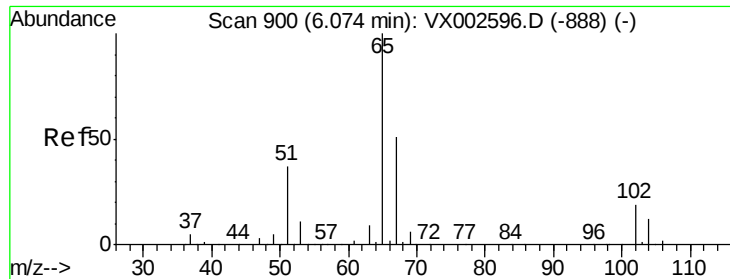
Tot Ion: 43 Resp: 22775
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



#20
Methylene Chloride
Concen: 2.02 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002815.D
Acq: 22 Jun 2018 04:00

Tgt Ion: 84 Resp: 6442
Ion Ratio Lower Upper
84 100
49 122.7 107.8 161.6
51 35.3 32.8 49.2
86 54.9 52.5 78.7

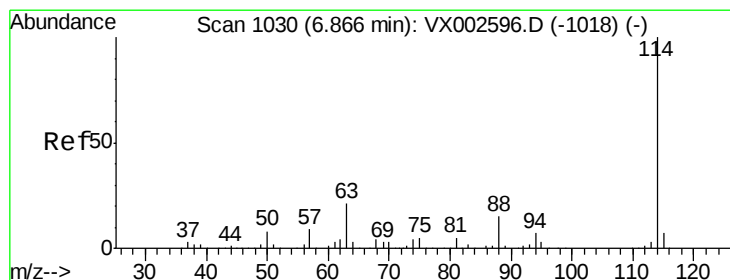
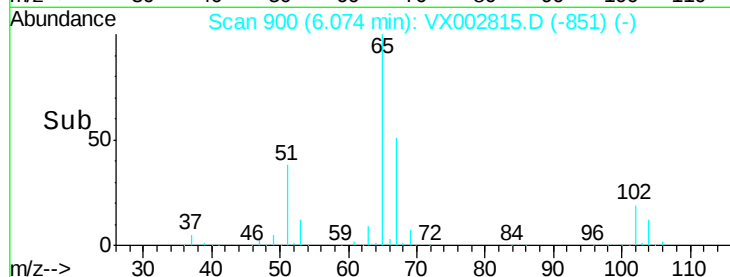
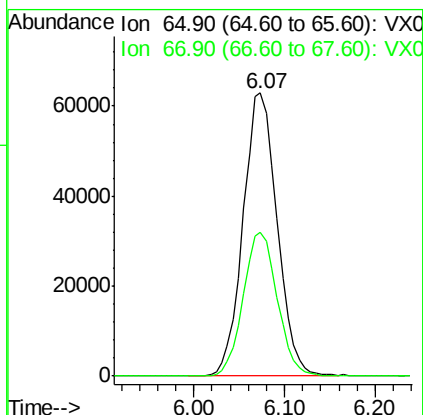
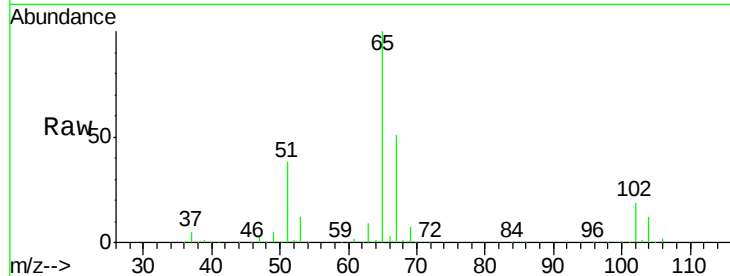




#33
 1,2-Dichloroethane-d4
 Concen: 46.32 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002815.D
 Acq: 22 Jun 2018 04:00

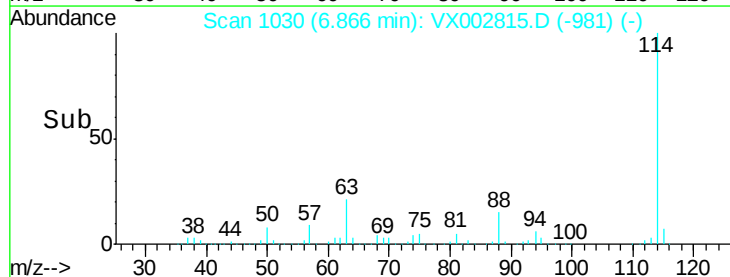
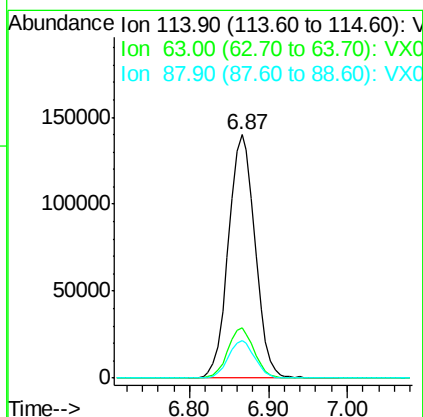
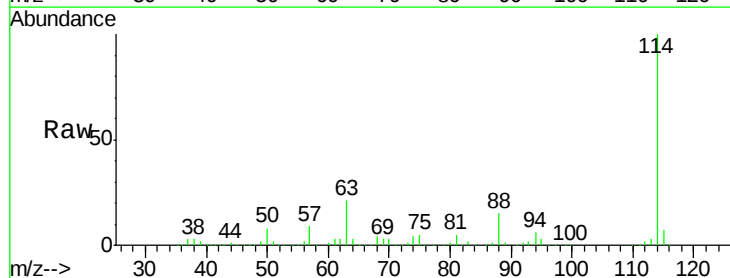
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#18

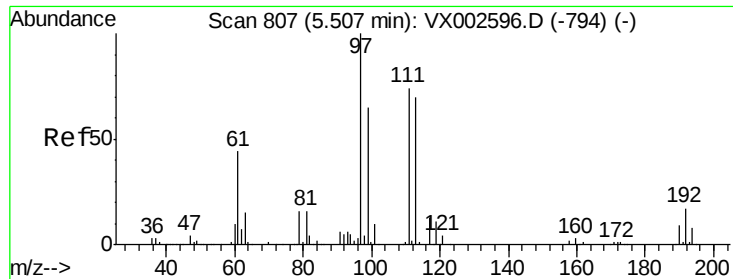
Tot Ion: 65 Resp: 163711
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002815.D
 Acq: 22 Jun 2018 04:00

Tgt Ion: 114 Resp: 329528
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.2 0.0 30.0

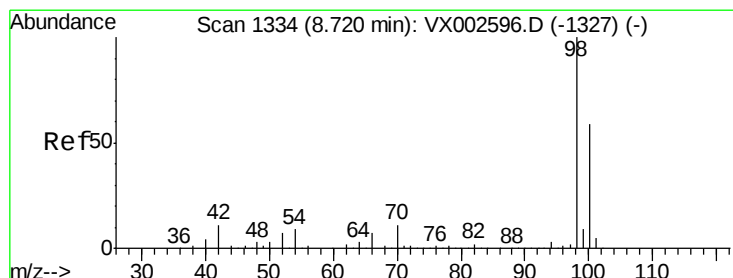
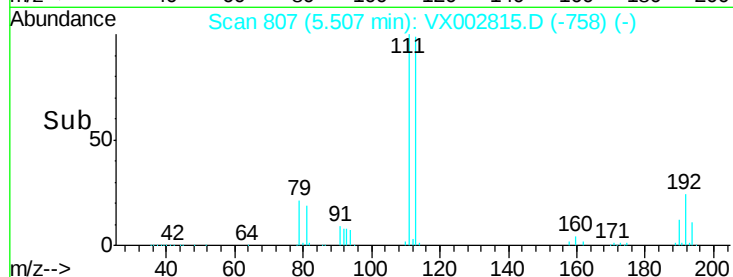
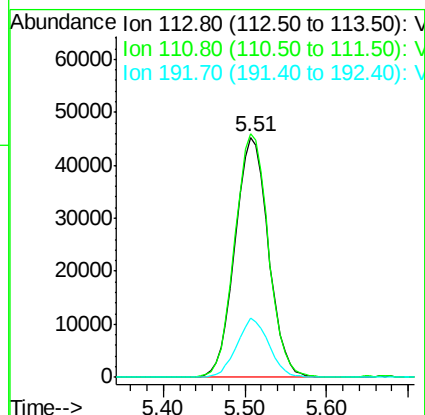
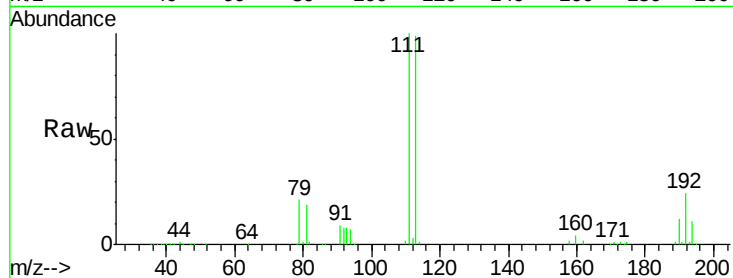




#35
 Dibromofluoromethane
 Concen: 48.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002815.D
 Acq: 22 Jun 2018 04:00

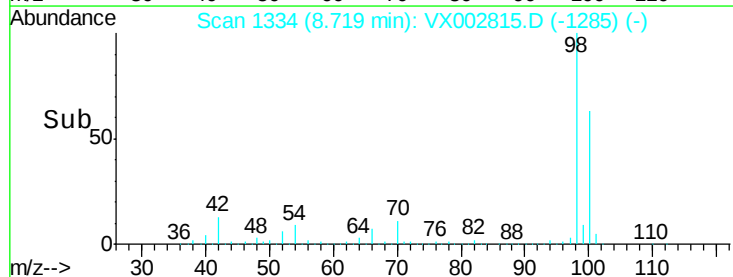
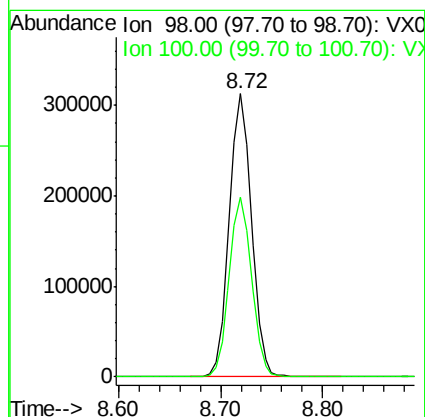
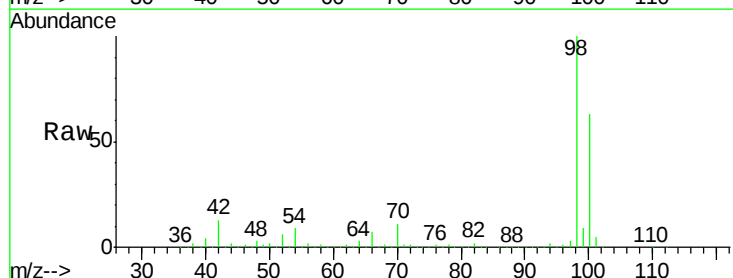
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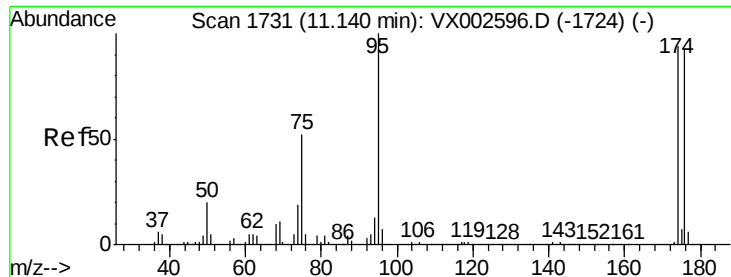
Tot Ion:113 Resp: 128169
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.8 19.1 28.7



#50
 Toluene-d8
 Concen: 47.54 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002815.D
 Acq: 22 Jun 2018 04:00

Tgt Ion: 98 Resp: 474690
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3

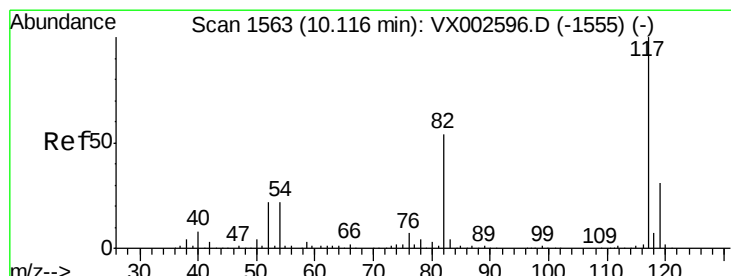
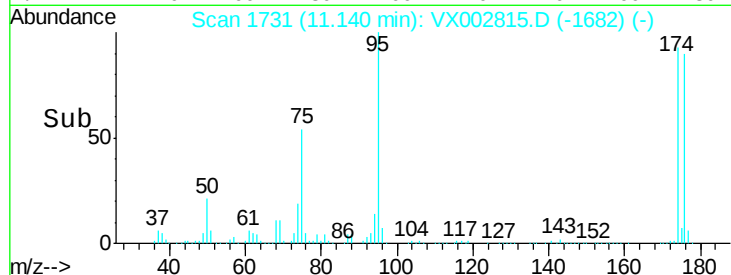
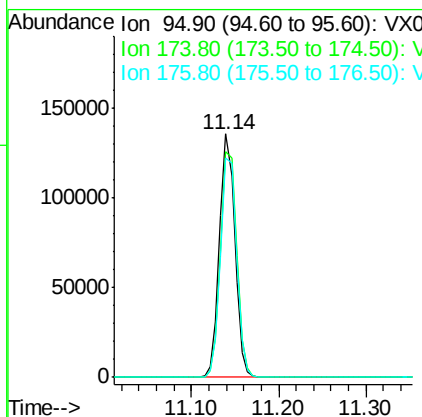
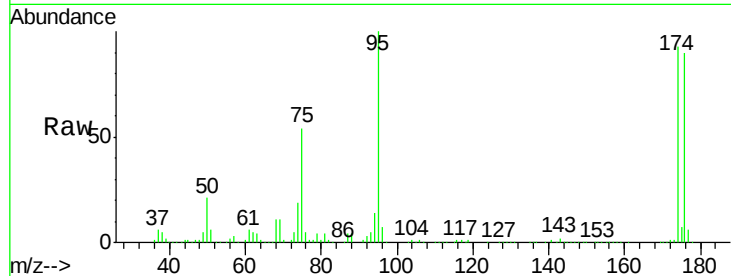




#62
4-Bromofluorobenzene
Concen: 43.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002815.D
Acq: 22 Jun 2018 04:00

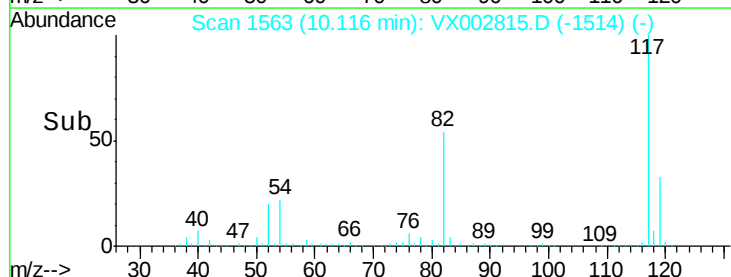
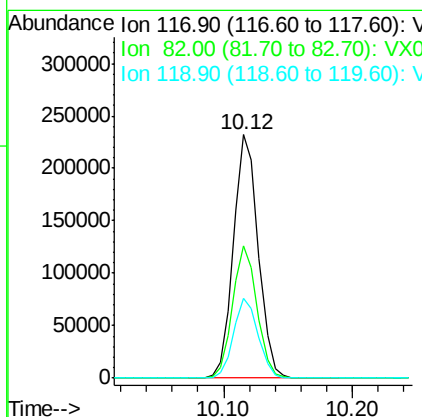
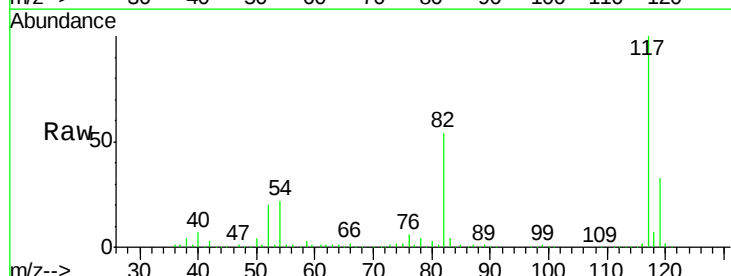
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#18

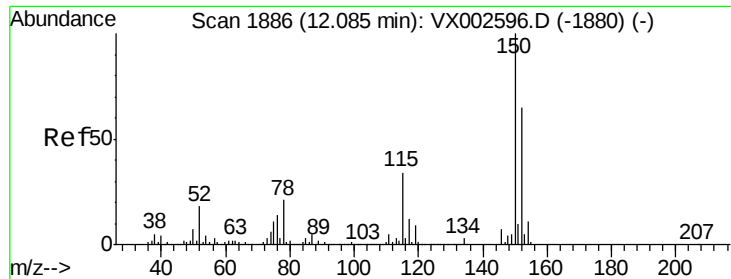
Tot Ion: 95 Resp: 164487
Ion Ratio Lower Upper
95 100
174 98.2 0.0 187.4
176 94.5 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002815.D
Acq: 22 Jun 2018 04:00

Tgt Ion: 117 Resp: 311864
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002815.D

Acq: 22 Jun 2018 04:00

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#18

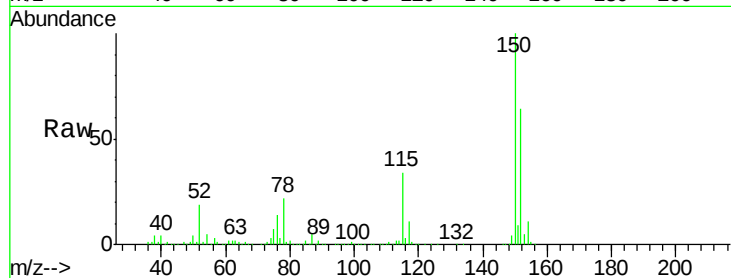
Tot Ion:152 Resp: 175705

Ion Ratio Lower Upper

152 100

115 54.4 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

