

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003264.D
 Acq On : 10 Jul 2018 00:30
 Operator : JC/MD
 Sample : PB110911ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#10

Quant Time: Jul 10 01:28:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194060	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	169280	40.23	ug/l	0.00
Spiked Amount			Recovery	=	80.46%	
35) Dibromofluoromethane	5.51	113	144762	36.54	ug/l	0.00
Spiked Amount			Recovery	=	73.08%	
50) Toluene-d8	8.72	98	513225	36.47	ug/l	0.00
Spiked Amount			Recovery	=	72.94%	
62) 4-Bromofluorobenzene	11.14	95	179066	34.44	ug/l	0.00
Spiked Amount			Recovery	=	68.88%	

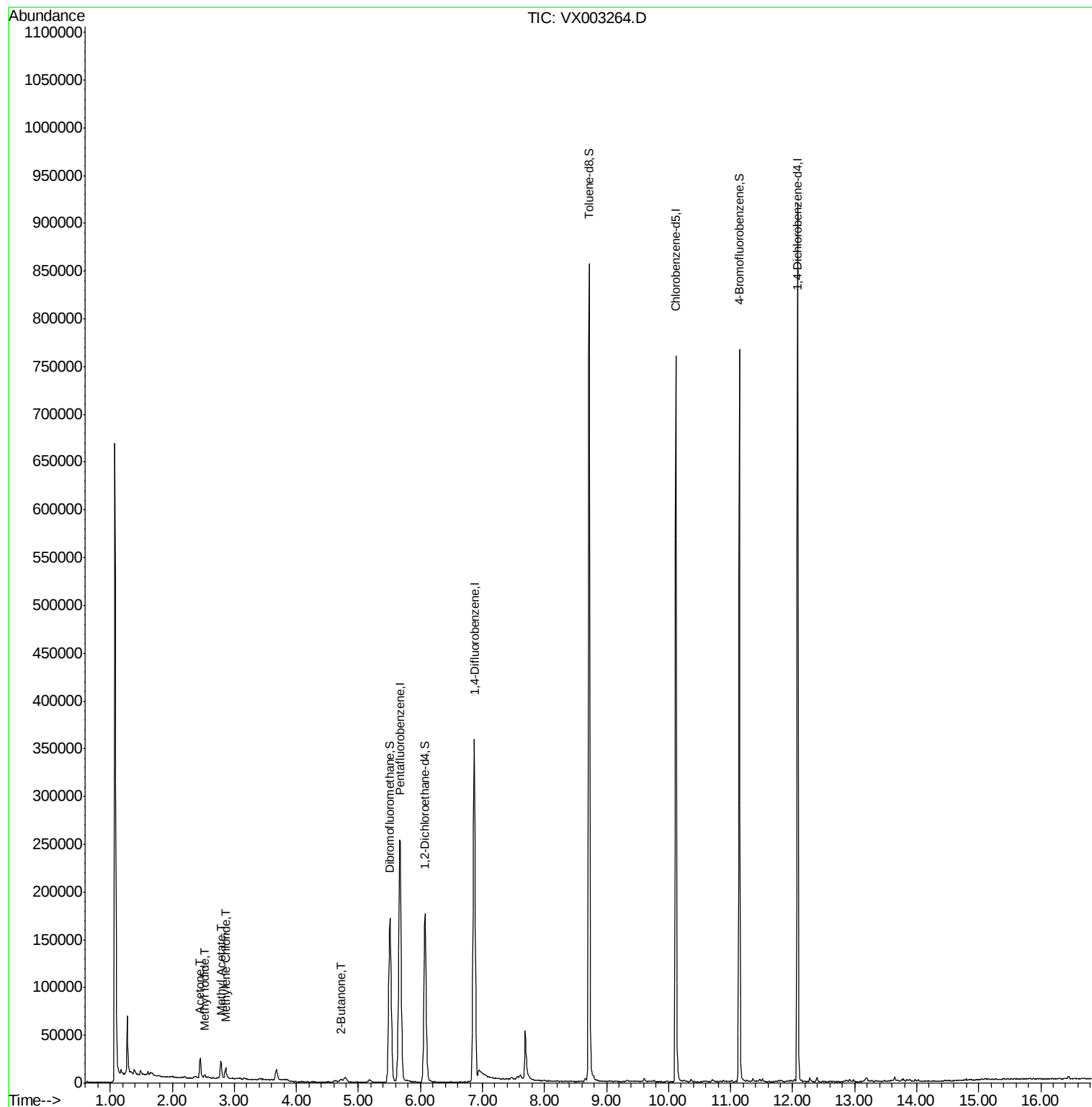
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	3731	6.56	ug/l	95
16) Acetone	2.45	43	23179	15.51	ug/l	99
18) Methyl Acetate	2.78	43	22099	5.24	ug/l	94
20) Methylene Chloride	2.86	84	5185	1.00	ug/l #	82
25) 2-Butanone	4.72	43	5348	2.02	ug/l #	87

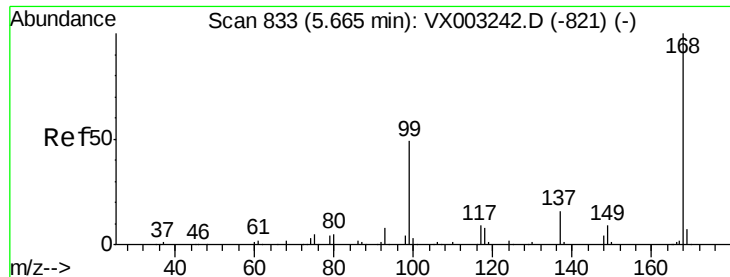
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003264.D

Acq: 10 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

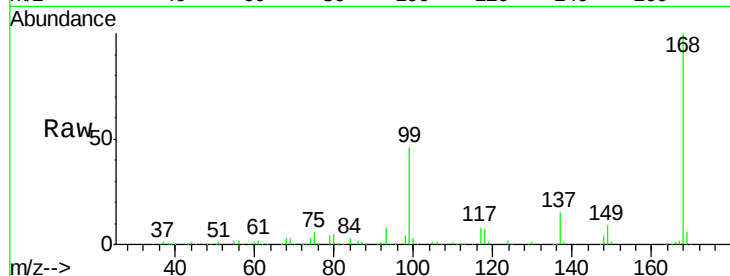
PB110911ZHE#10

Tot Ion:168 Resp: 267399

Ion Ratio Lower Upper

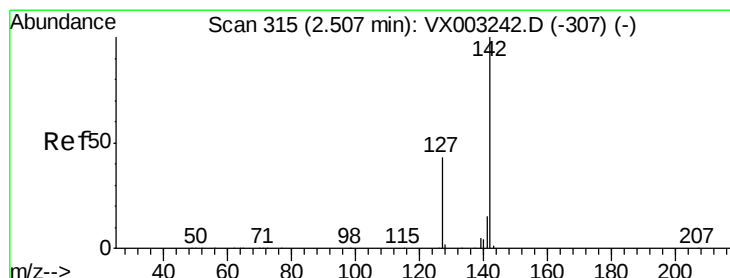
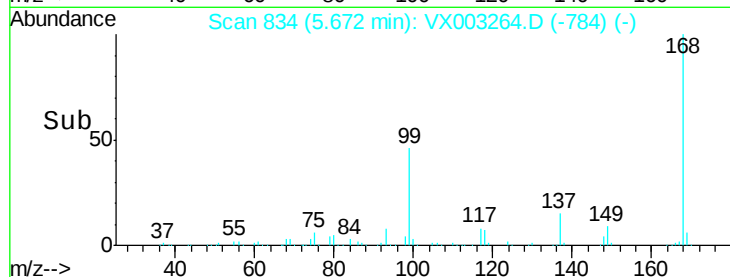
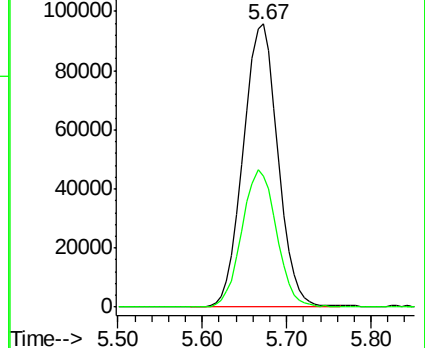
168 100

99 46.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.56 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003264.D

Acq: 10 Jul 2018 00:30

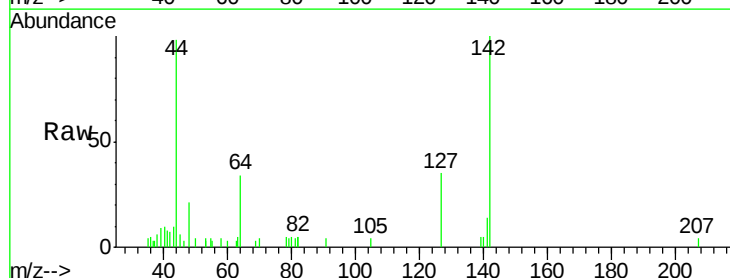
Tgt Ion:142 Resp: 3731

Ion Ratio Lower Upper

142 100

127 41.8 36.6 55.0

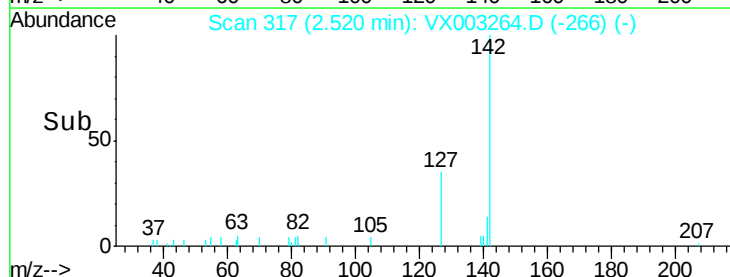
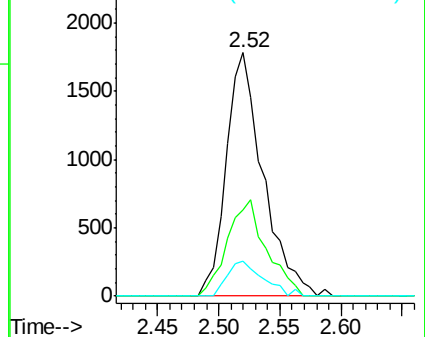
141 14.0 11.3 16.9

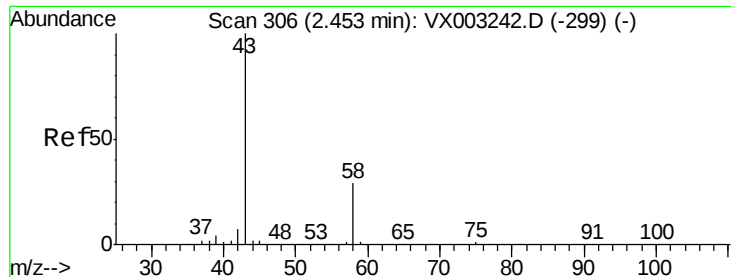


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 15.51 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003264.D

Acq: 10 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

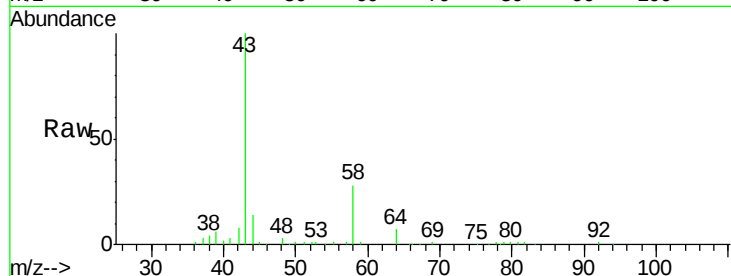
PB110911ZHE#10

Tot Ion: 43 Resp: 23179

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

15000

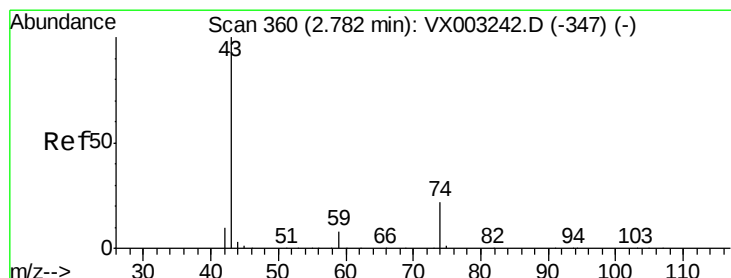
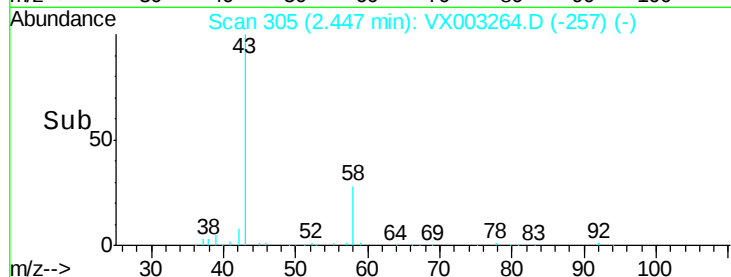
10000

5000

0

2.40 2.50

Time-->



#18

Methyl Acetate

Concen: 5.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003264.D

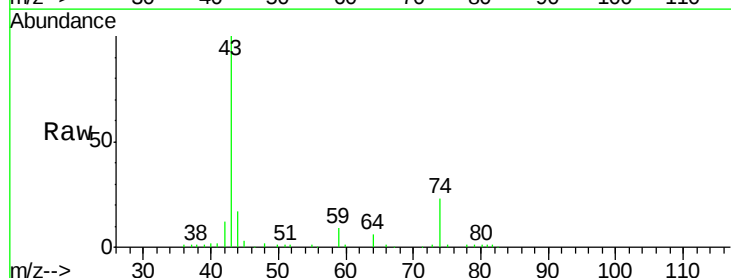
Acq: 10 Jul 2018 00:30

Tgt Ion: 43 Resp: 22099

Ion Ratio Lower Upper

43 100

74 23.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

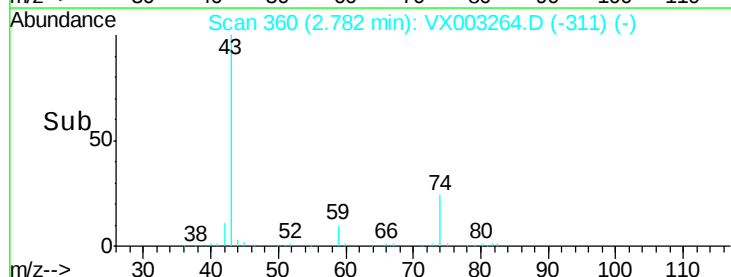
10000

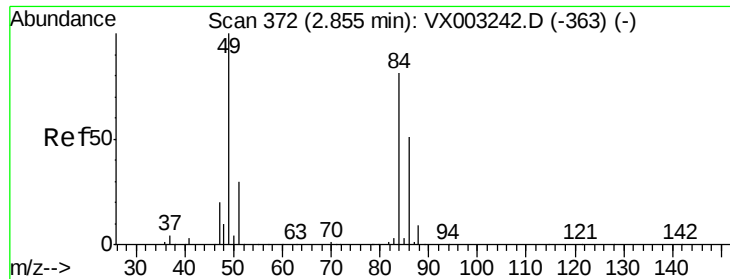
5000

0

2.70 2.75 2.80 2.85

Time-->

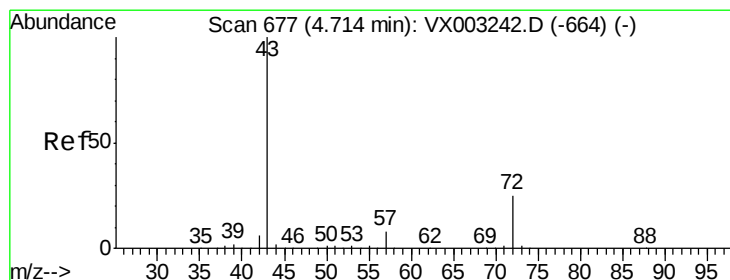
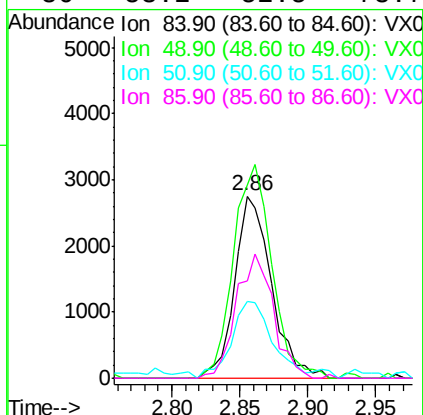
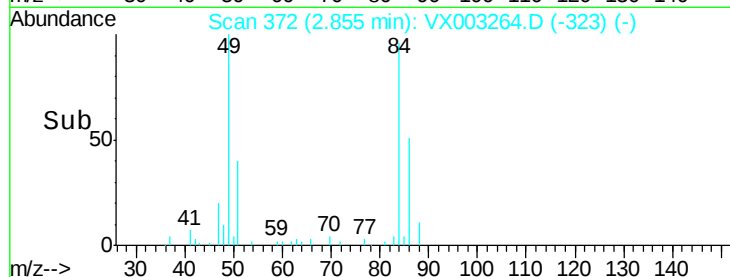
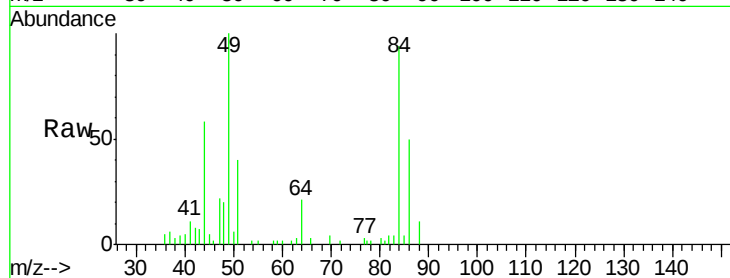




#20
Methvlene Chloride
Concen: 1.00 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003264.D
Acq: 10 Jul 2018 00:30

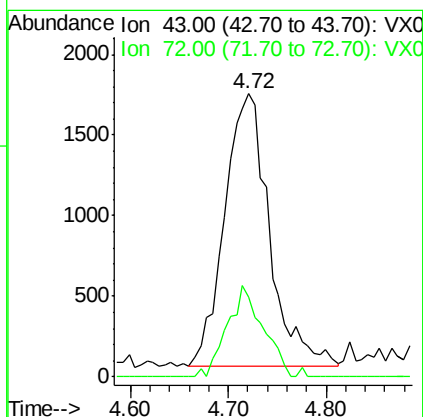
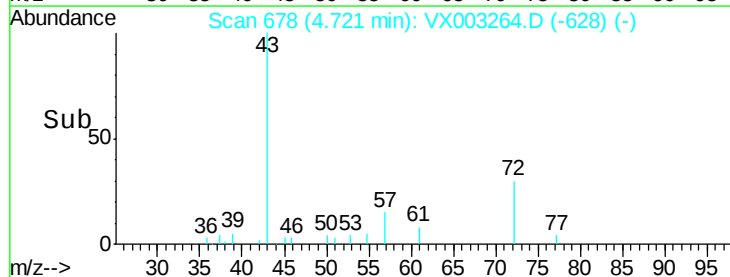
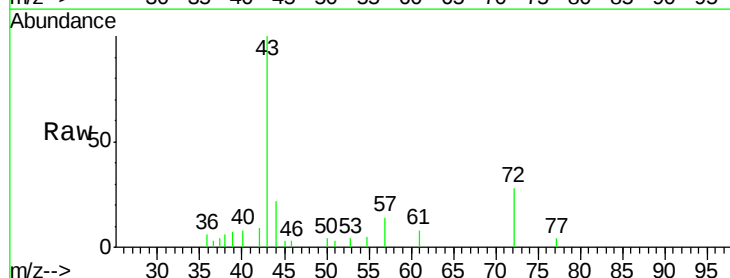
Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#10

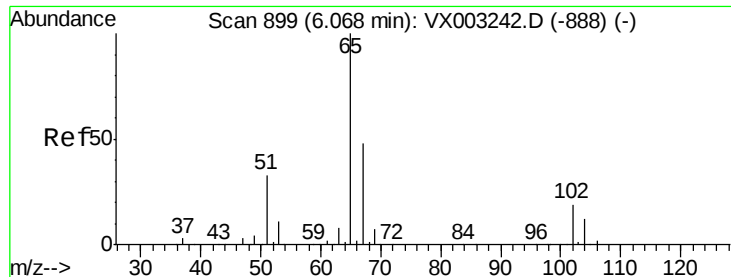
Tot Ion: 84 Resp: 5185
Ion Ratio Lower Upper
84 100
49 106.2 107.8 161.6#
51 42.1 32.8 49.2
86 53.2 52.5 78.7



#25
2-Butanone
Concen: 2.02 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003264.D
Acq: 10 Jul 2018 00:30

Tgt Ion: 43 Resp: 5348
Ion Ratio Lower Upper
43 100
72 29.6 18.5 27.7#





#33

1,2-Dichloroethane-d4

Concen: 40.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003264.D

Acq: 10 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

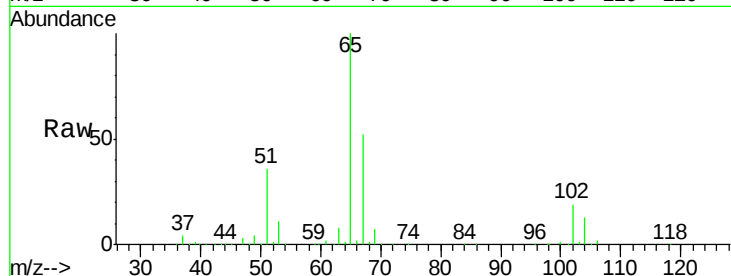
PB110911ZHE#10

Tot Ion: 65 Resp: 169280

Ion Ratio Lower Upper

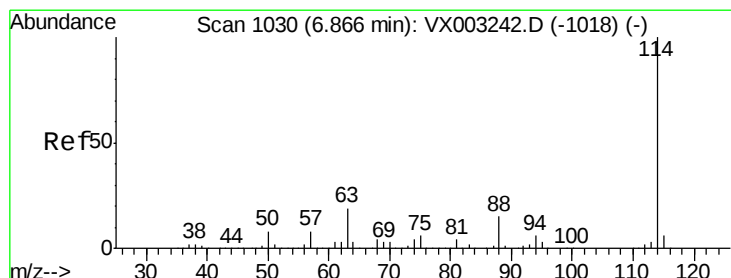
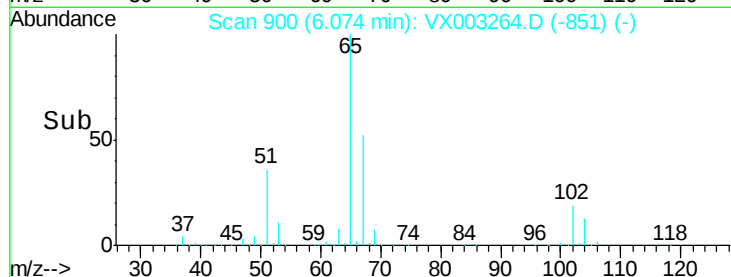
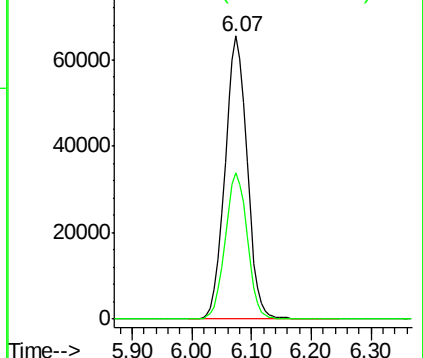
65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003264.D

Acq: 10 Jul 2018 00:30

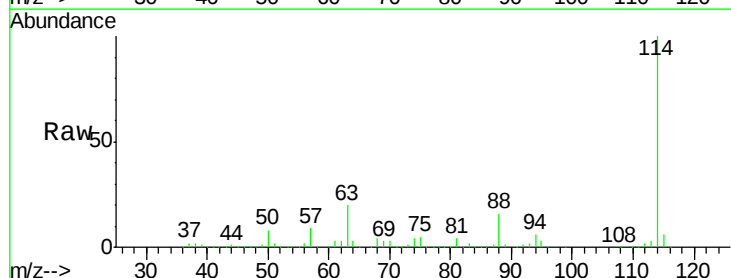
Tgt Ion: 114 Resp: 368785

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

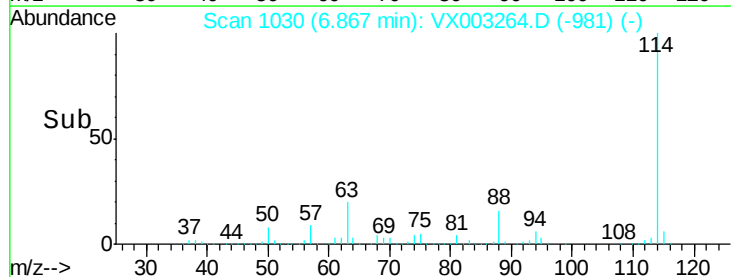
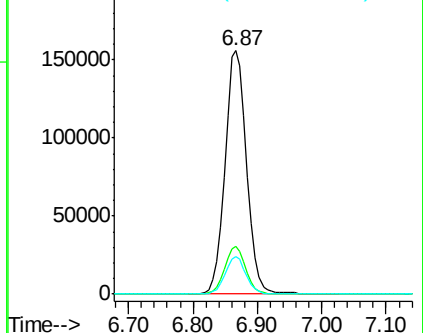
88 15.7 0.0 30.0

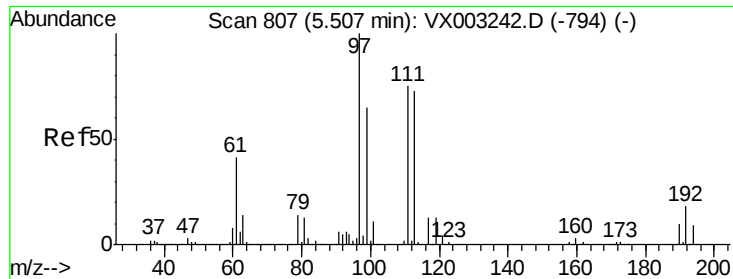


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

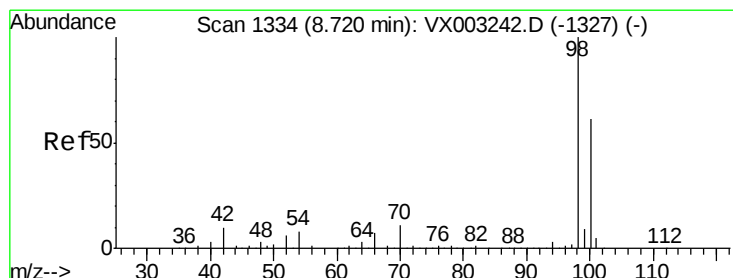
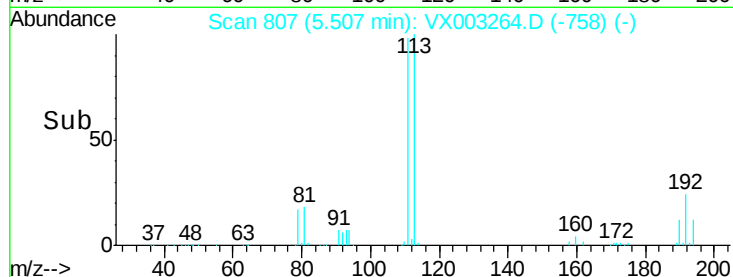
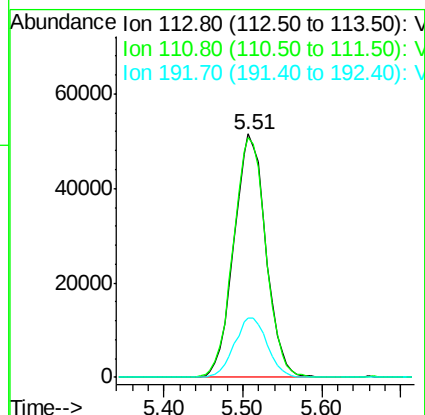
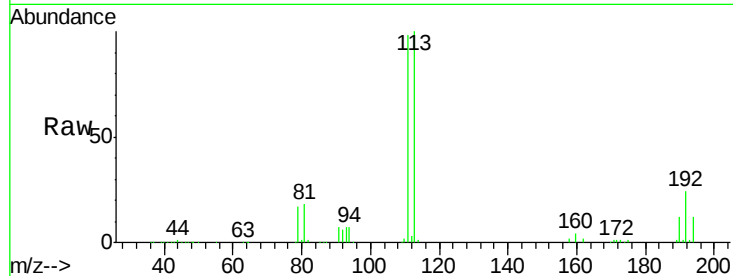




#35
 Dibromofluoromethane
 Concen: 36.54 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003264.D
 Acq: 10 Jul 2018 00:30

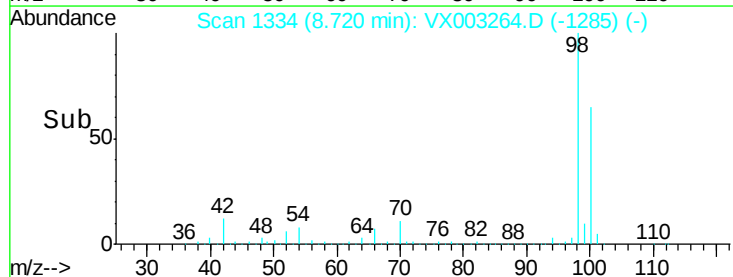
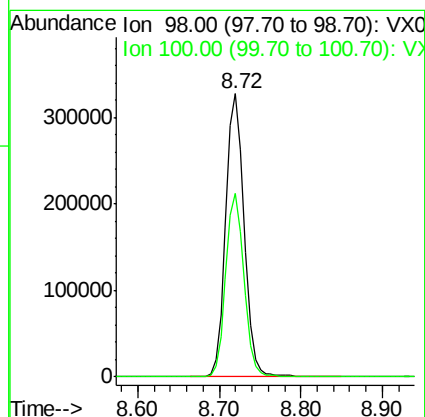
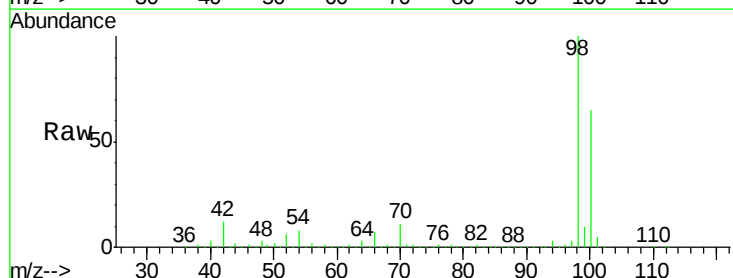
Instrument :
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 PB110911ZHE#10

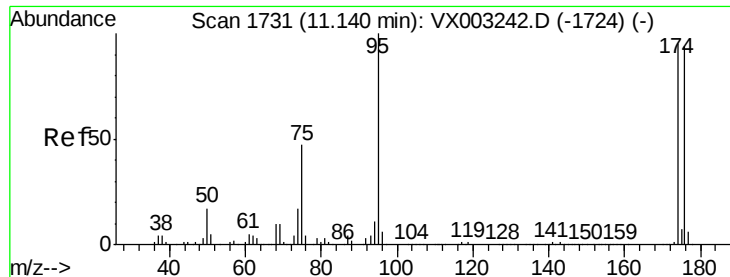
Tot Ion:113 Resp: 144762
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.4 122.0
 192 25.2 19.1 28.7



#50
 Toluene-d8
 Concen: 36.47 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003264.D
 Acq: 10 Jul 2018 00:30

Tgt Ion: 98 Resp: 513225
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3

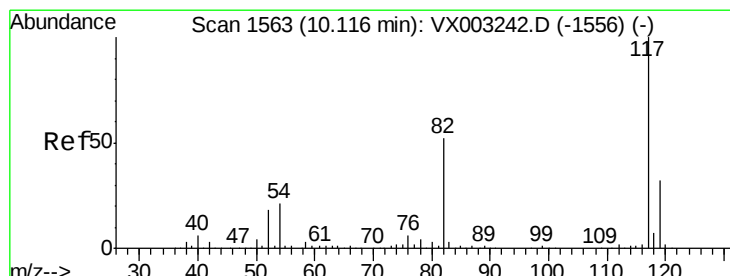
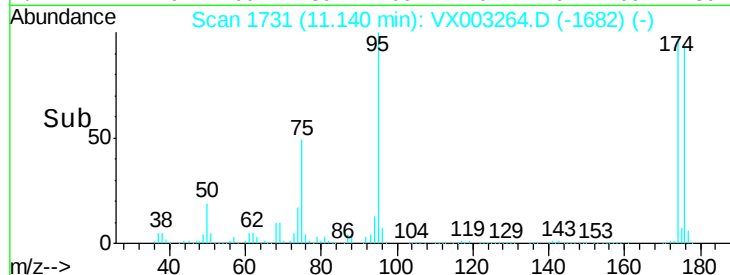
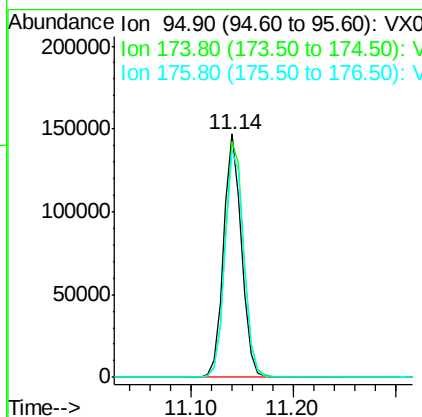
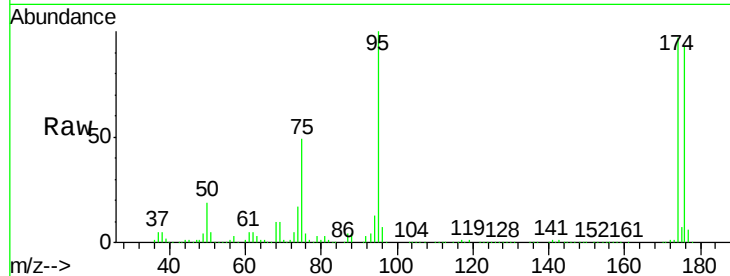




#62
4-Bromofluorobenzene
Concen: 34.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003264.D
Acq: 10 Jul 2018 00:30

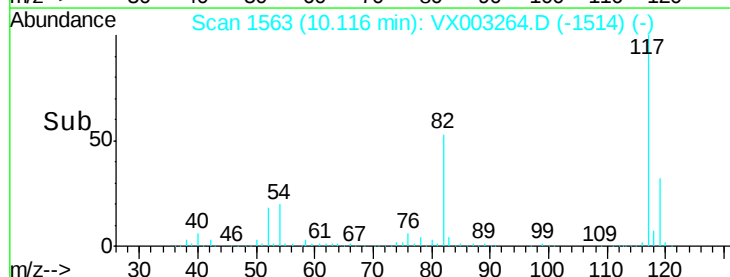
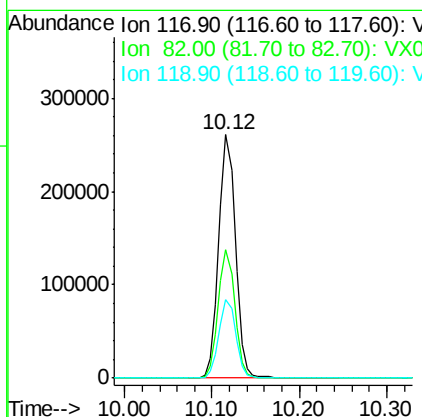
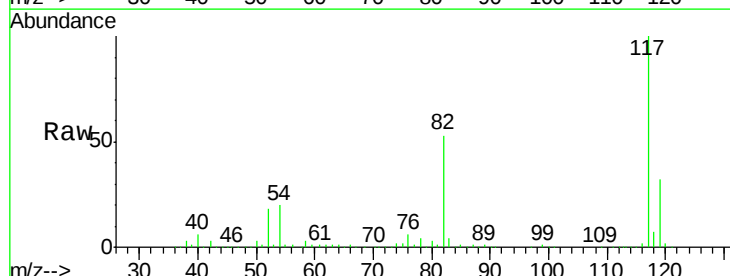
Instrument :
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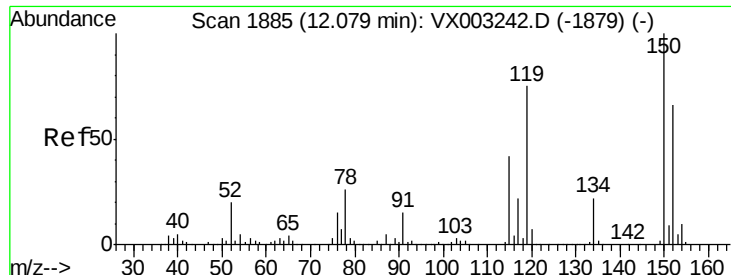
Tot Ion: 95 Resp: 179066
Ion Ratio Lower Upper
95 100
174 100.9 0.0 187.4
176 96.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003264.D
Acq: 10 Jul 2018 00:30

Tgt Ion: 117 Resp: 345749
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003264.D

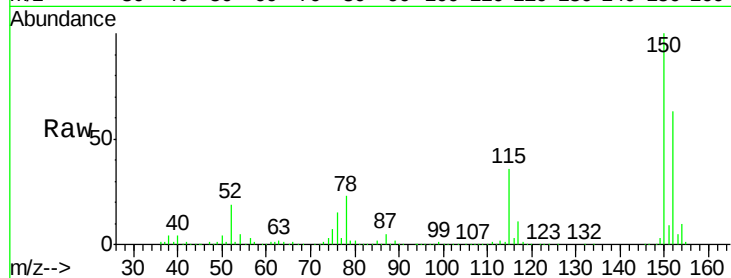
Acq: 10 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#10



Tot Ion:152 Resp: 194060

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

150 156.5 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

