

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003287.D
 Acq On : 10 Jul 2018 16:35
 Operator : JC/MD
 Sample : PB110944ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#01

Quant Time: Jul 10 18:10:39 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

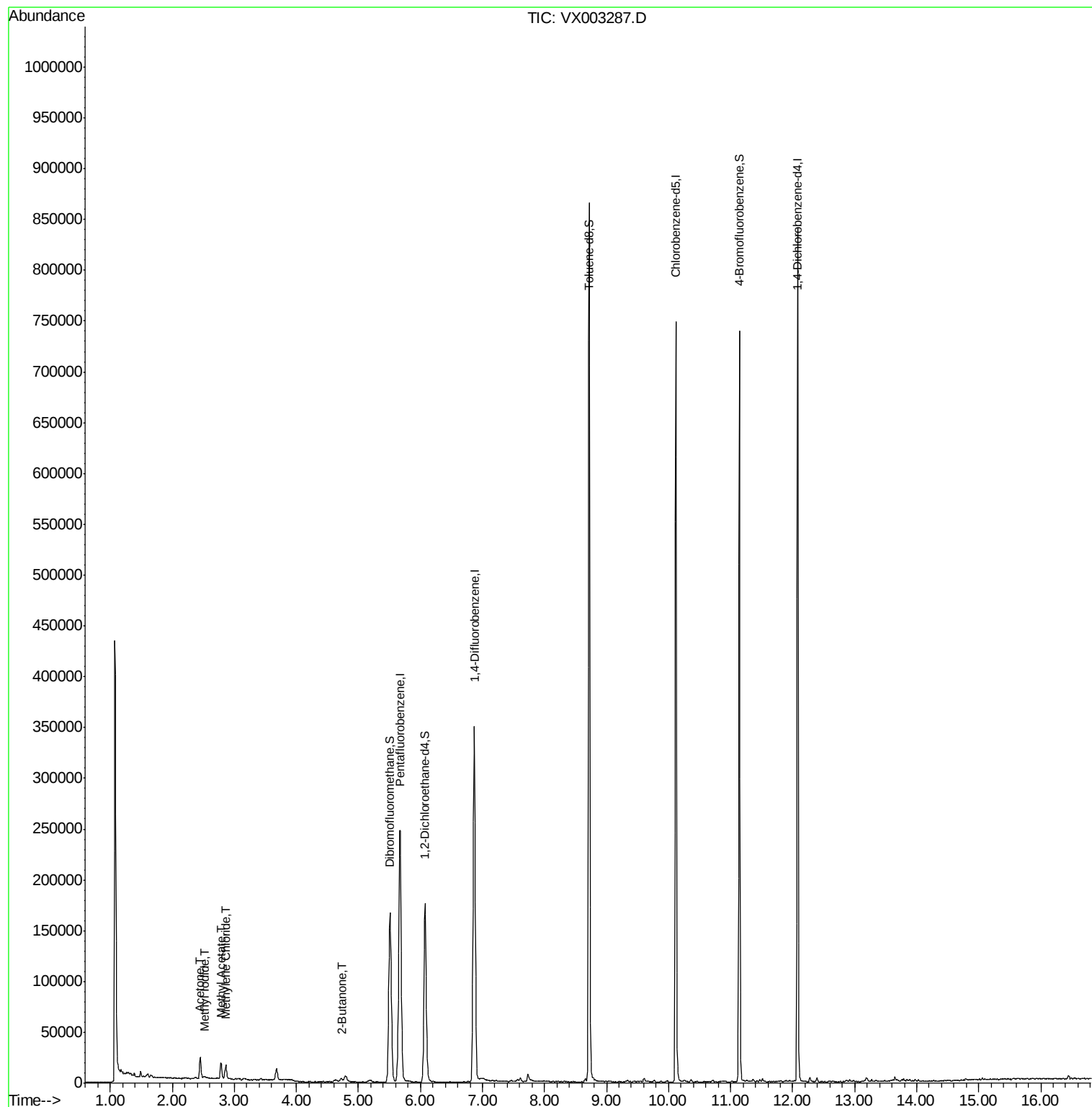
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167042	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
35) Dibromofluoromethane	5.51	113	138750	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	
50) Toluene-d8	8.72	98	505099	36.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.38%	
62) 4-Bromofluorobenzene	11.14	95	176004	34.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.20%	
Target Compounds						
10) Methyl Iodide	2.52	142	2763	6.35	ug/l	98
16) Acetone	2.45	43	24403	16.96	ug/l	99
18) Methyl Acetate	2.78	43	20275	5.00	ug/l	96
20) Methylene Chloride	2.86	84	6929	1.67	ug/l	87
25) 2-Butanone	4.72	43	5911	2.32	ug/l	95

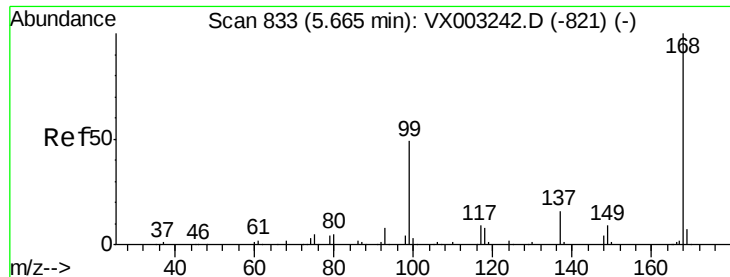
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 10 18:10:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
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: VX003287.D

Acq: 10 Jul 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

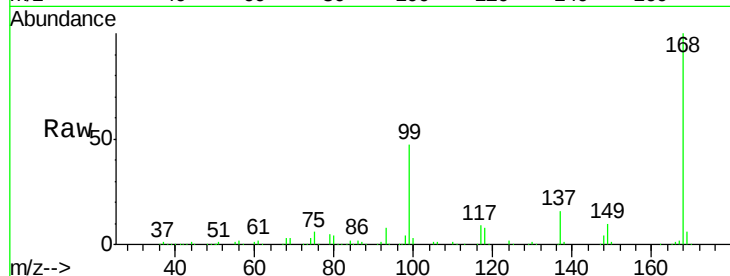
PB110944ZHE#01

Tot Ion:168 Resp: 257485

Ion Ratio Lower Upper

168 100

99 47.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

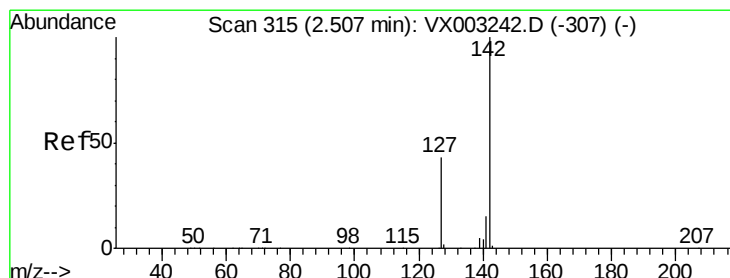
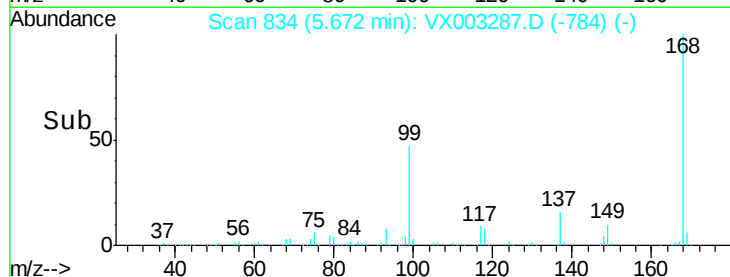
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.35 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003287.D

Acq: 10 Jul 2018 16:35

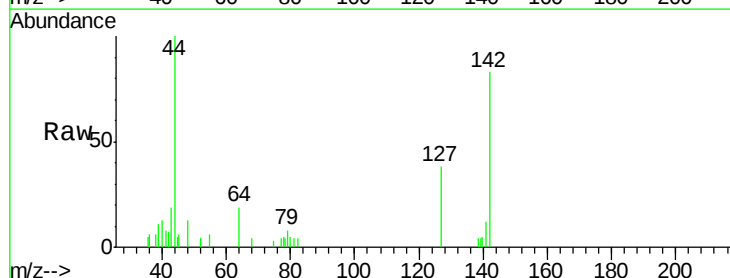
Tgt Ion:142 Resp: 2763

Ion Ratio Lower Upper

142 100

127 47.2 36.6 55.0

141 15.3 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

2.52

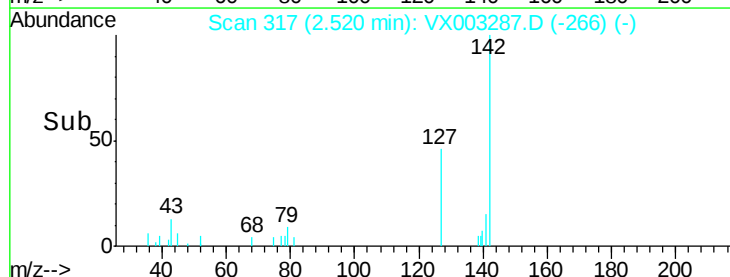
1500

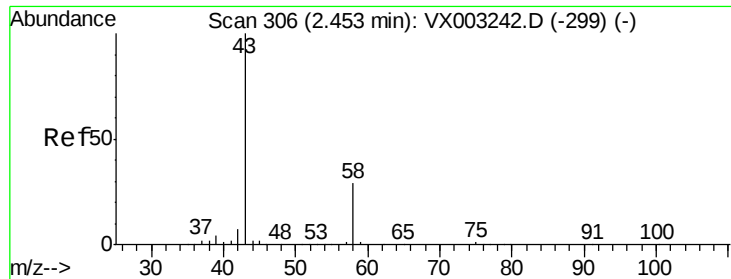
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 16.96 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003287.D

Acq: 10 Jul 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

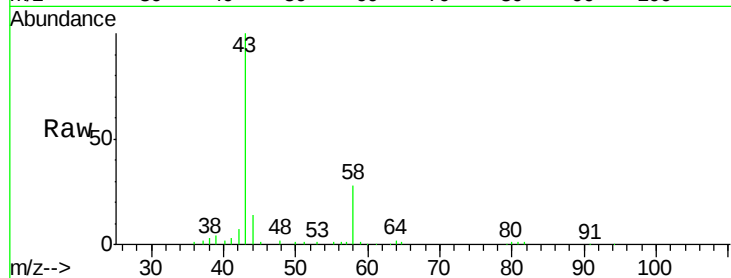
PB110944ZHE#01

Tot Ion: 43 Resp: 24403

Ion Ratio Lower Upper

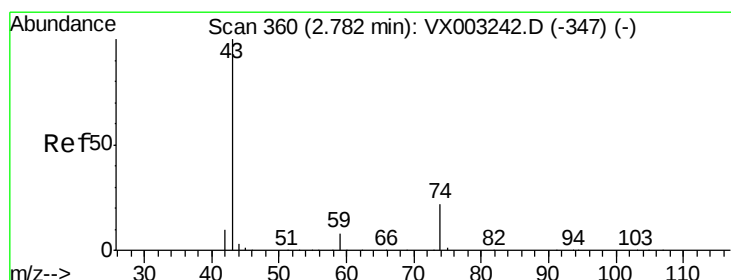
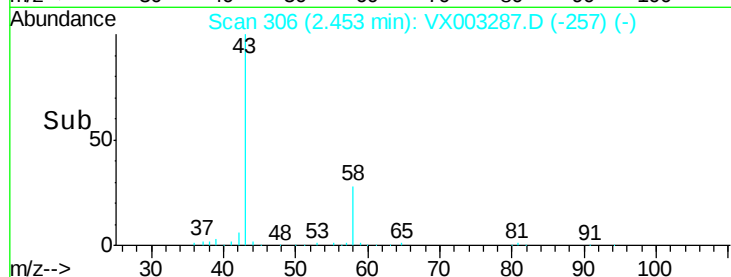
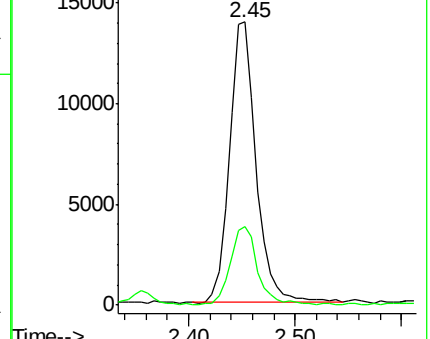
43 100

58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 5.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003287.D

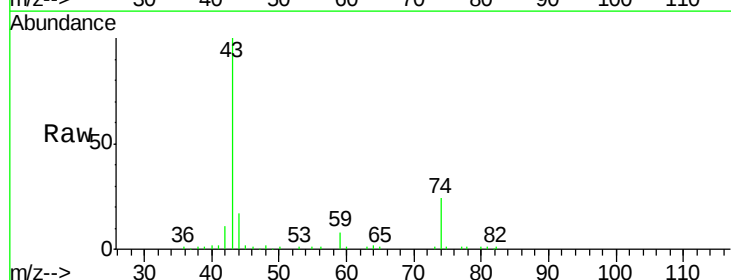
Acq: 10 Jul 2018 16:35

Tgt Ion: 43 Resp: 20275

Ion Ratio Lower Upper

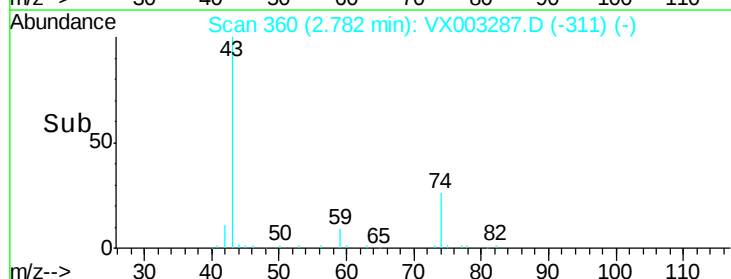
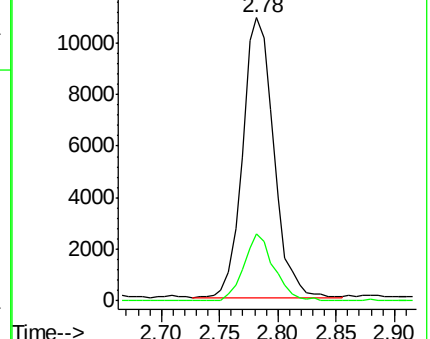
43 100

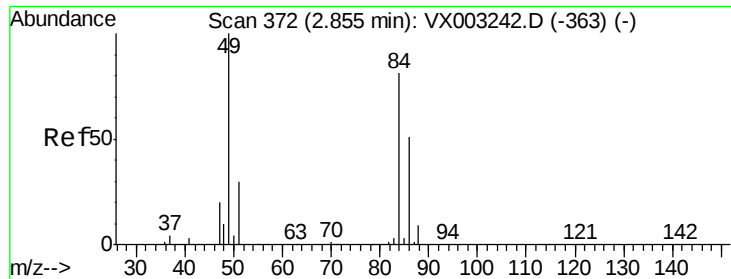
74 23.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

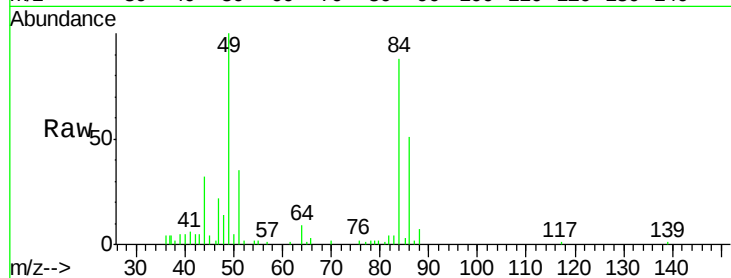




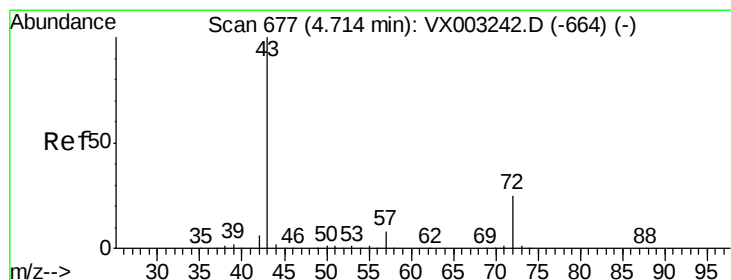
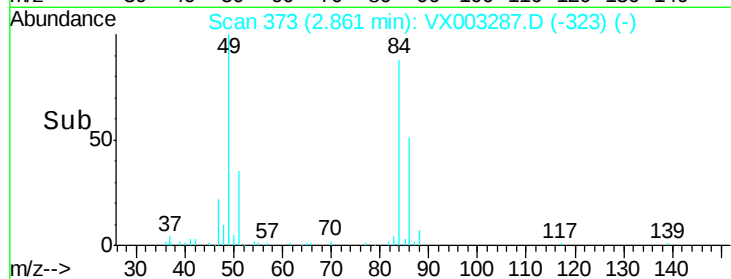
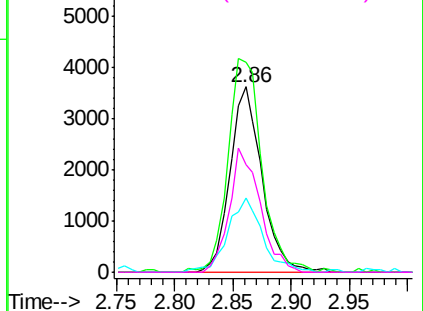
#20
Methylene Chloride
Concen: 1.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003287.D
Acq: 10 Jul 2018 16:35

Instrument :
MSVOA_X
ClientSampleId :
PB110944ZHE#01

Tot Ion: 84 Resp: 6929
Ion Ratio Lower Upper
84 100
49 113.6 107.8 161.6
51 38.6 32.8 49.2
86 58.5 52.5 78.7

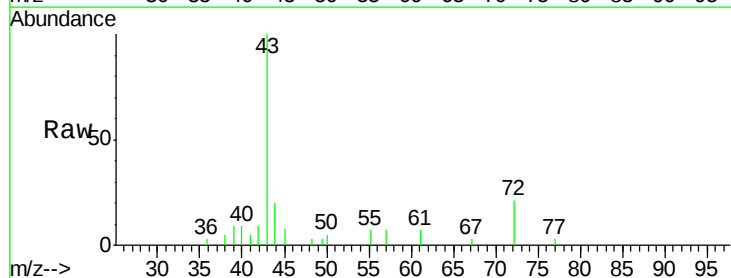


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

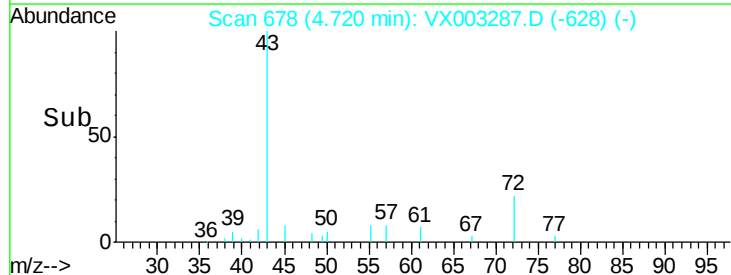
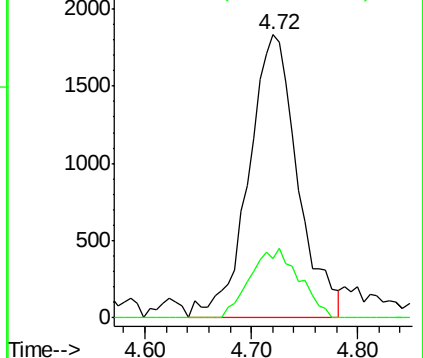


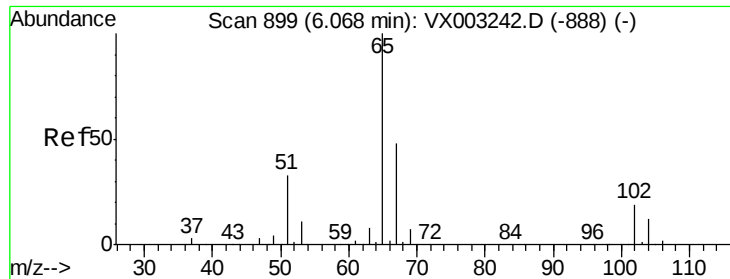
#25
2-Butanone
Concen: 2.32 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003287.D
Acq: 10 Jul 2018 16:35

Tgt Ion: 43 Resp: 5911
Ion Ratio Lower Upper
43 100
72 20.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003287.D

Acq: 10 Jul 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

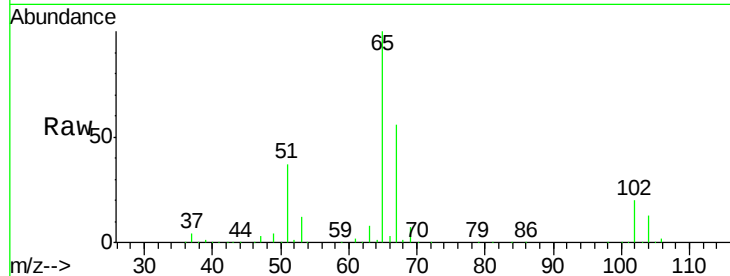
PB110944ZHE#01

Tot Ion: 65 Resp: 167042

Ion Ratio Lower Upper

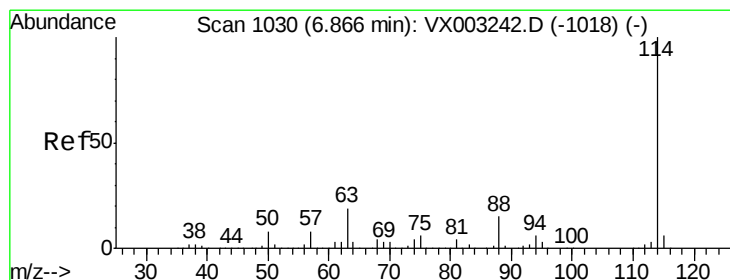
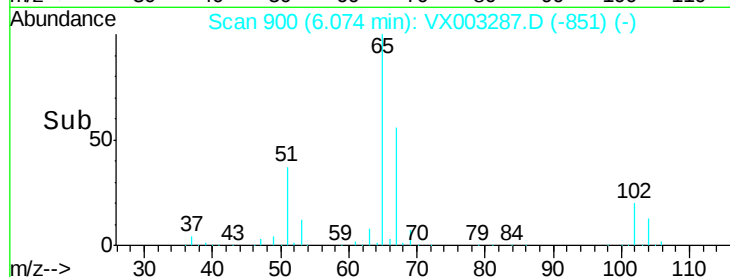
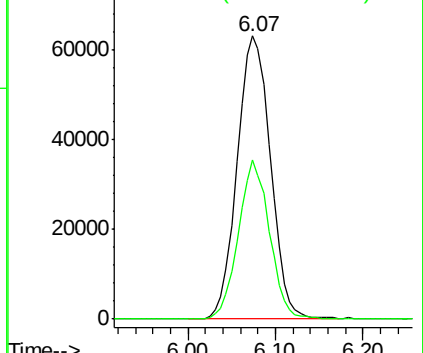
65 100

67 52.7 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: VX003287.D

Acq: 10 Jul 2018 16:35

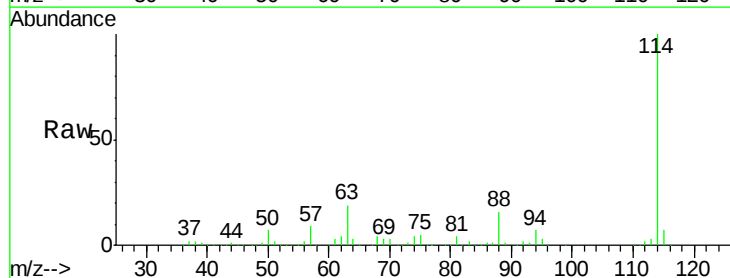
Tgt Ion: 114 Resp: 360781

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

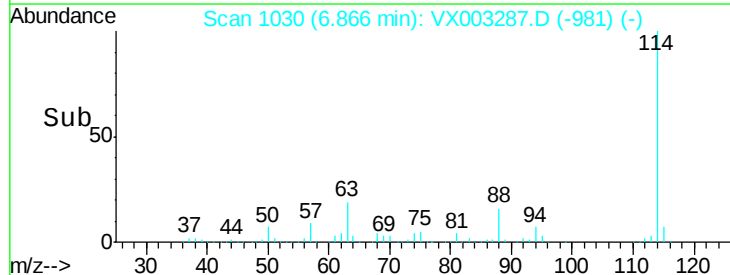
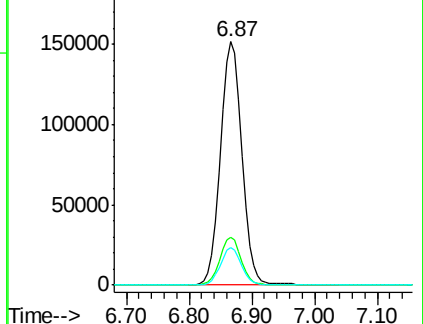
88 15.5 0.0 30.0

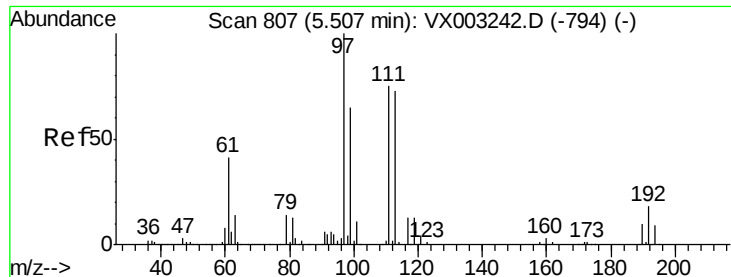


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

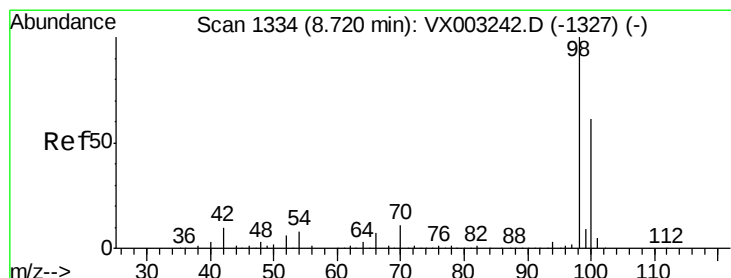
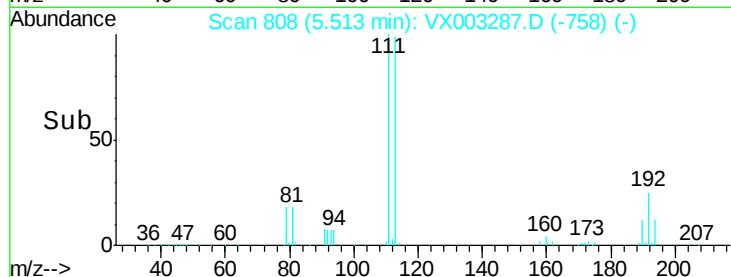
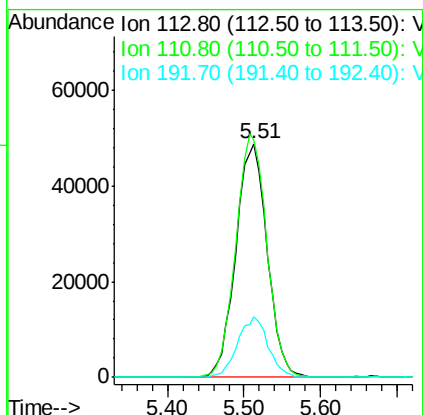
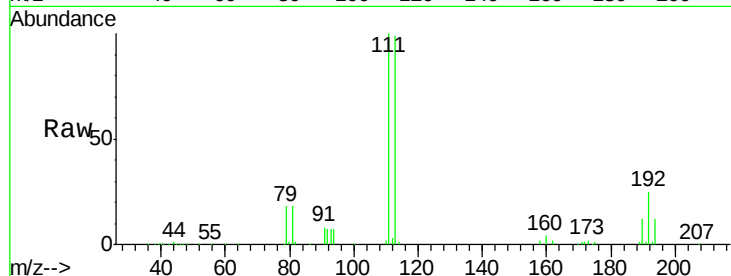




#35
 Dibromofluoromethane
 Concen: 35.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003287.D
 Acq: 10 Jul 2018 16:35

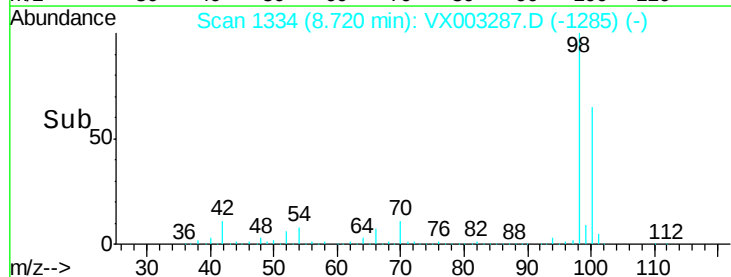
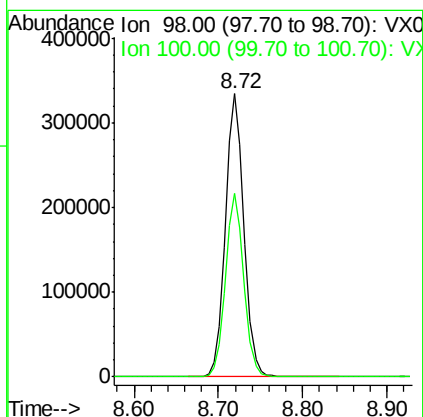
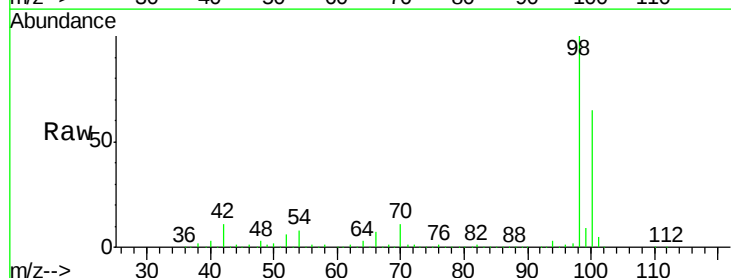
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#01

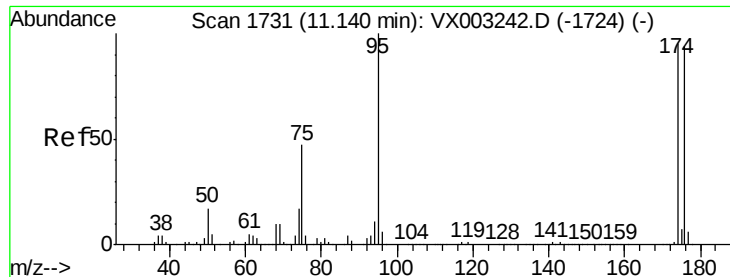
Tot Ion:113 Resp: 138750
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 25.1 19.1 28.7



#50
 Toluene-d8
 Concen: 36.69 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003287.D
 Acq: 10 Jul 2018 16:35

Tgt Ion: 98 Resp: 505099
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3

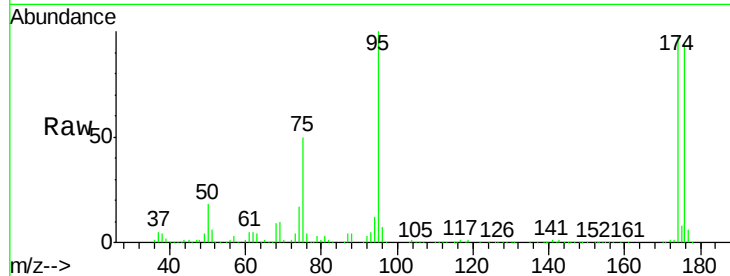




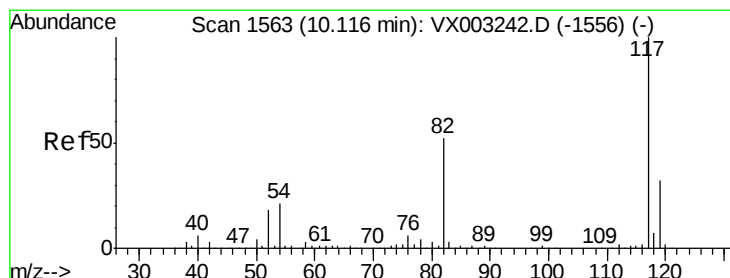
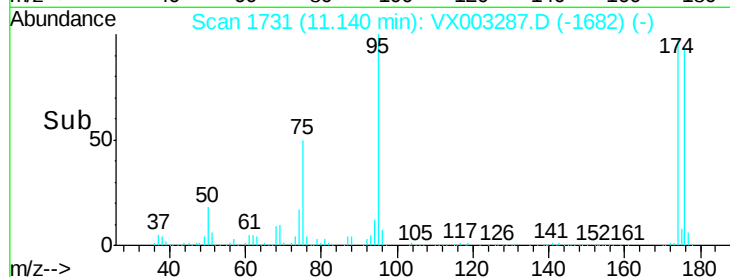
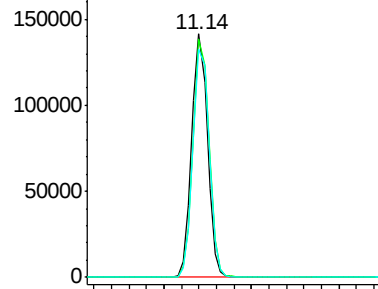
#62
4-Bromofluorobenzene
Concen: 34.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003287.D
Acq: 10 Jul 2018 16:35

Instrument :
MSVOA_X
ClientSampleId :
PB110944ZHE#01

Tot Ion: 95 Resp: 176004
Ion Ratio Lower Upper
95 100
174 99.3 0.0 187.4
176 96.9 0.0 181.0

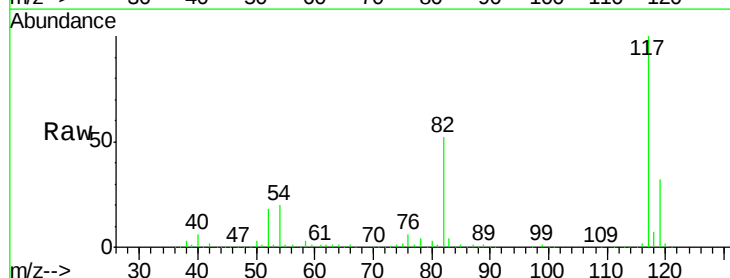


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

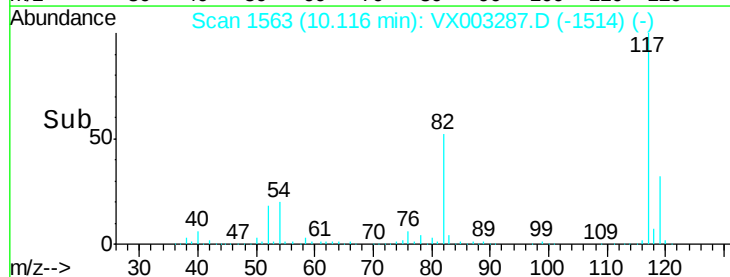
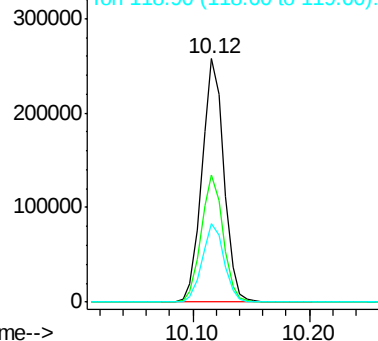


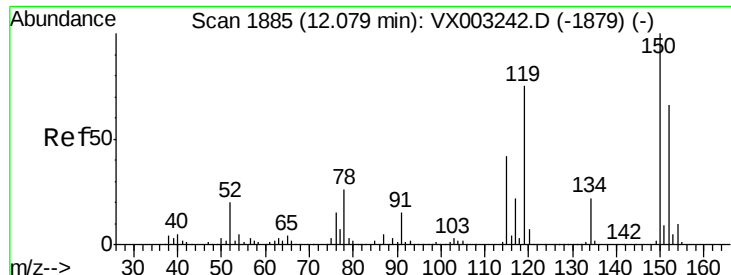
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003287.D
Acq: 10 Jul 2018 16:35

Tgt Ion: 117 Resp: 337835
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 32.1 25.8 38.6



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

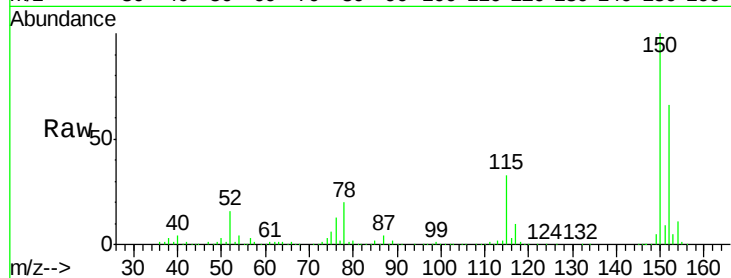




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VX003287.D
 Acq: 10 Jul 2018 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#01

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	40.1	120.2
150	156.1	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

