

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003294.D
 Acq On : 10 Jul 2018 19:42
 Operator : JC/MD
 Sample : PB110944ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#08

Quant Time: Jul 11 01:19:58 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

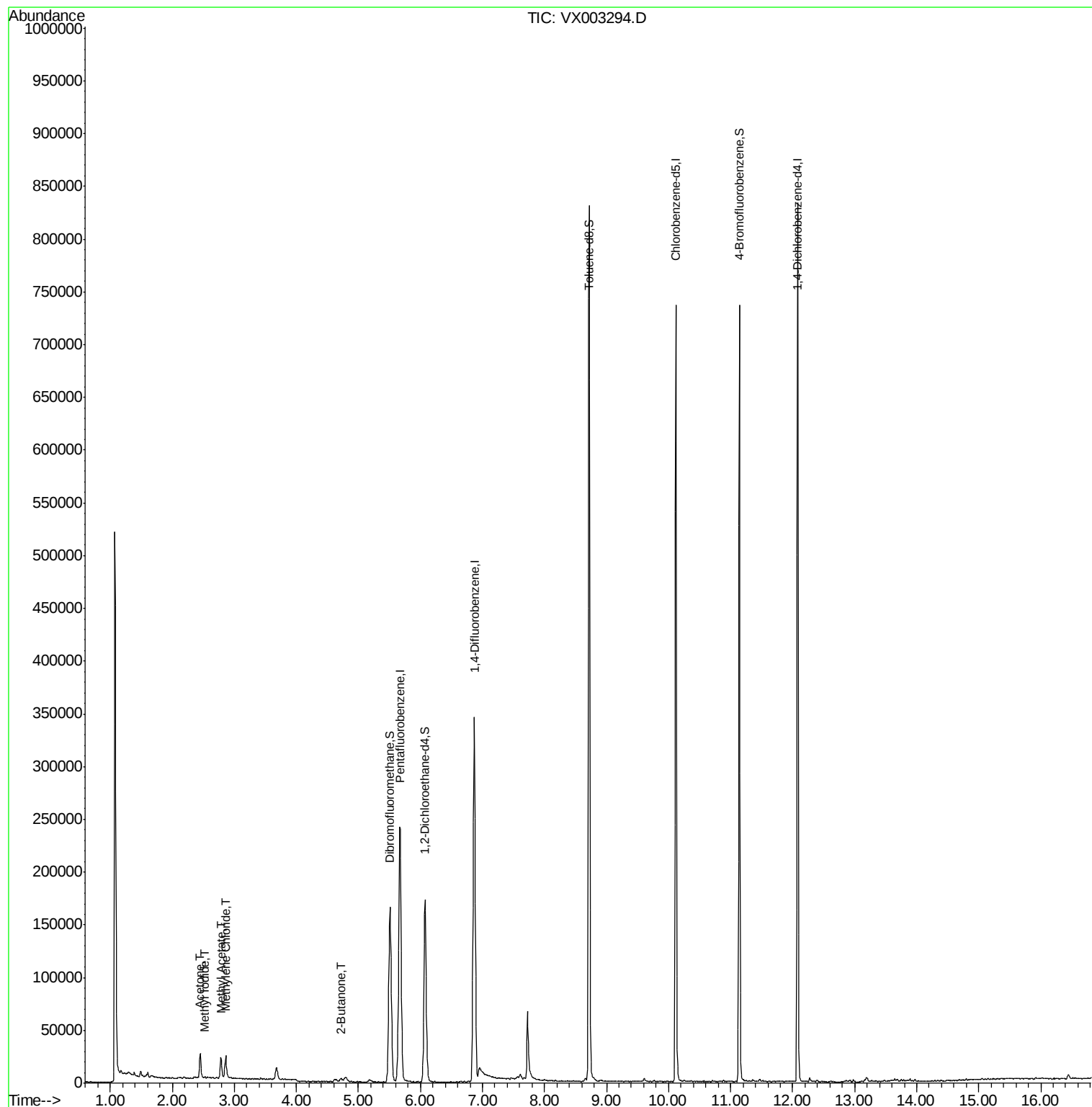
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161184	40.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.48%	
35) Dibromofluoromethane	5.51	113	137798	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.76%	
50) Toluene-d8	8.72	98	502692	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
62) 4-Bromofluorobenzene	11.14	95	176338	35.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.90%	
Target Compounds						
10) Methyl Iodide	2.51	142	1310	5.99	ug/l	91
16) Acetone	2.45	43	27255	19.40	ug/l	96
18) Methyl Acetate	2.78	43	23827	6.01	ug/l	92
20) Methylene Chloride	2.86	84	10111	2.85	ug/l	92
25) 2-Butanone	4.71	43	5214	2.10	ug/l	92

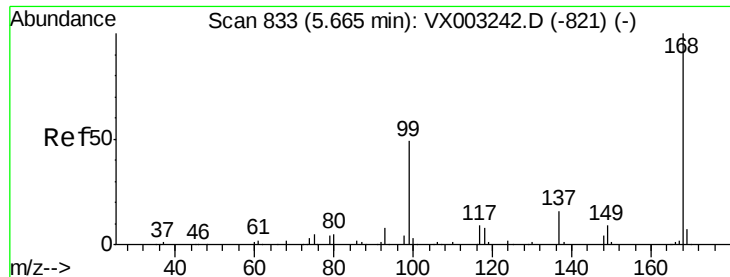
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003294.D

Acq: 10 Jul 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

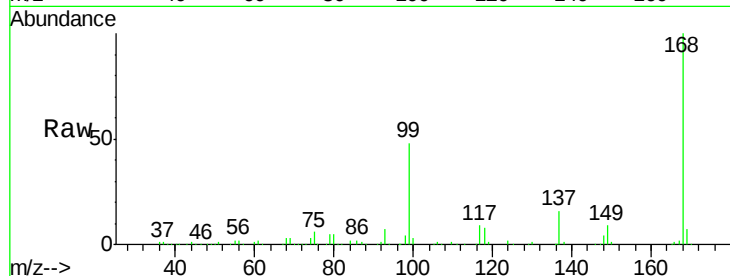
PB110944ZHE#08

Tot Ion:168 Resp: 251395

Ion Ratio Lower Upper

168 100

99 47.9 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

80000

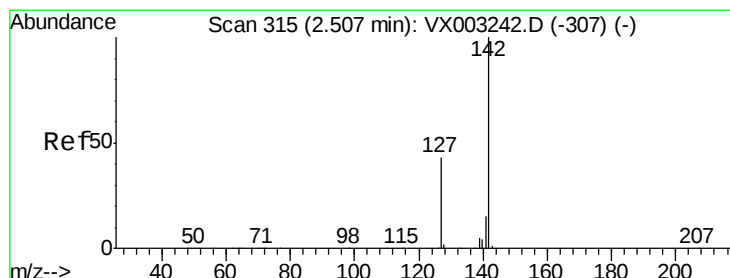
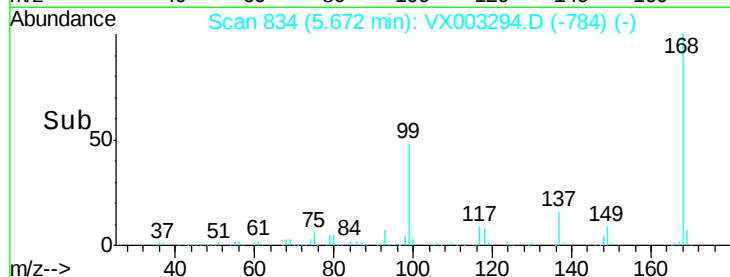
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.99 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003294.D

Acq: 10 Jul 2018 19:42

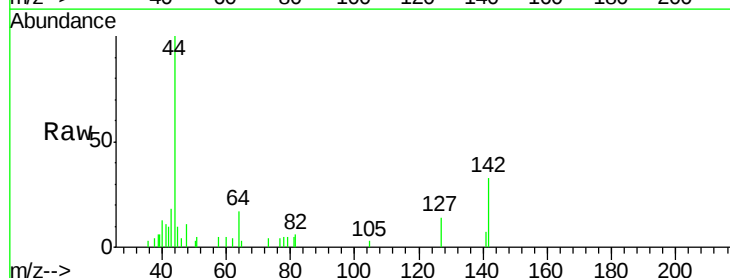
Tgt Ion:142 Resp: 1310

Ion Ratio Lower Upper

142 100

127 52.6 36.6 55.0

141 11.5 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

2.51

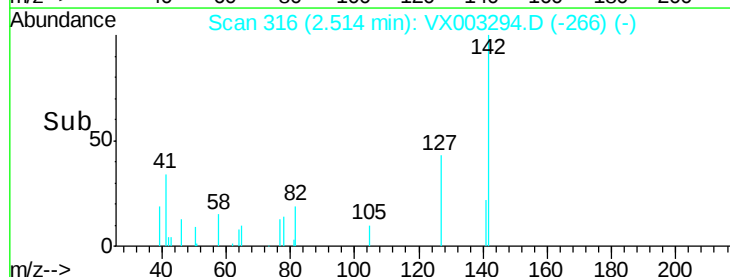
600

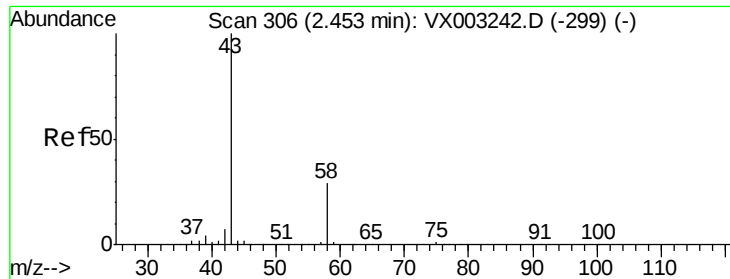
400

200

0

Time--> 2.45 2.50 2.55





#16

Acetone

Concen: 19.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003294.D

Acq: 10 Jul 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

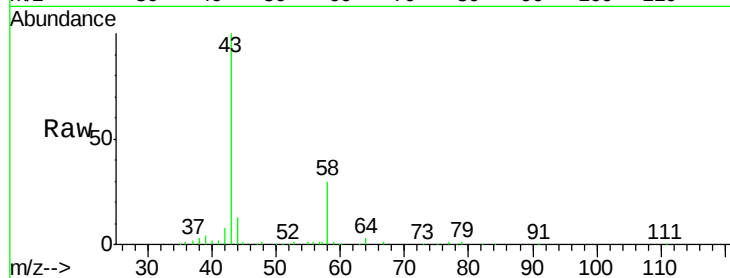
PB110944ZHE#08

Tot Ion: 43 Resp: 27255

Ion Ratio Lower Upper

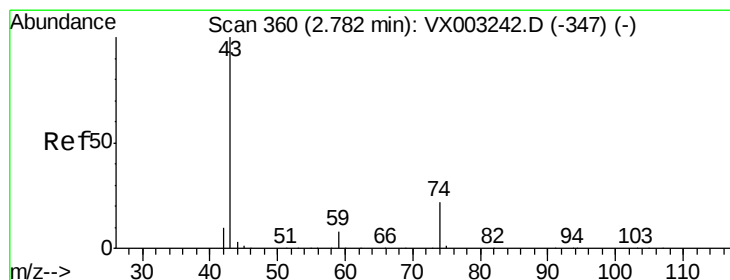
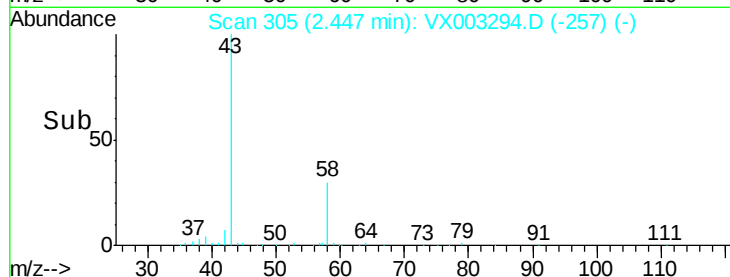
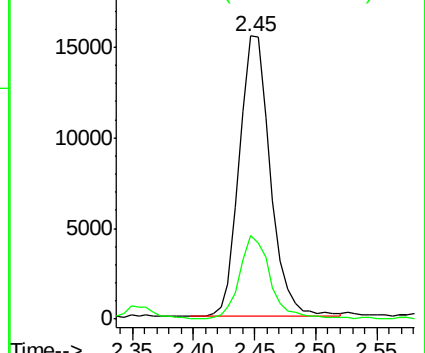
43 100

58 29.9 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: 6.01 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003294.D

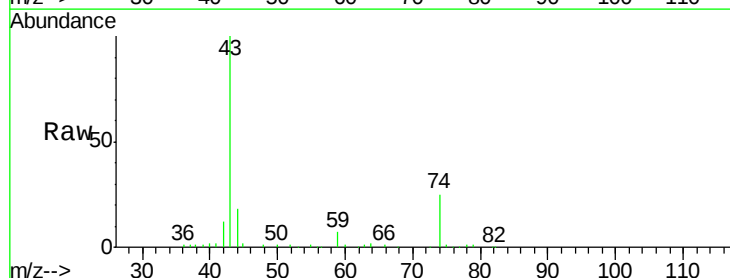
Acq: 10 Jul 2018 19:42

Tgt Ion: 43 Resp: 23827

Ion Ratio Lower Upper

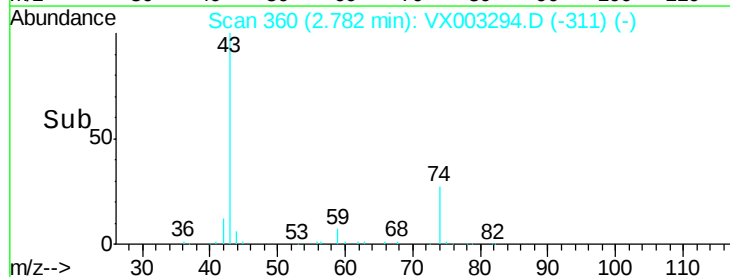
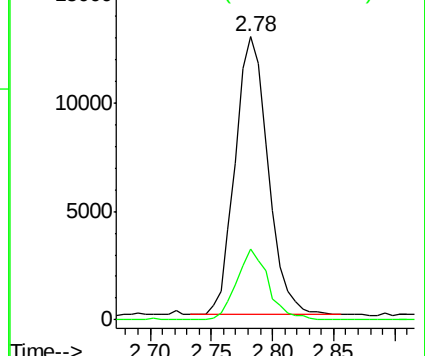
43 100

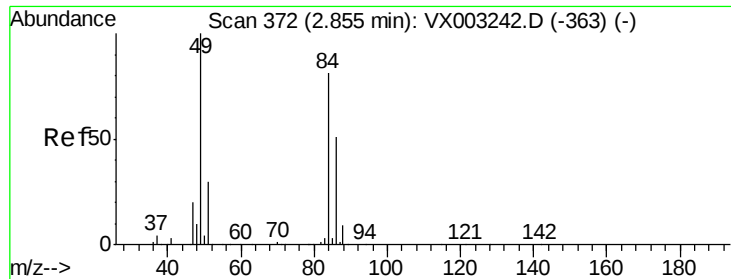
74 24.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

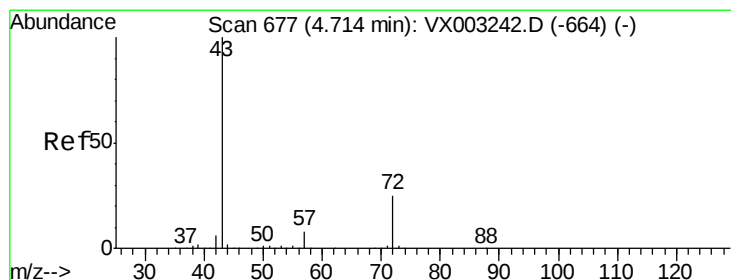
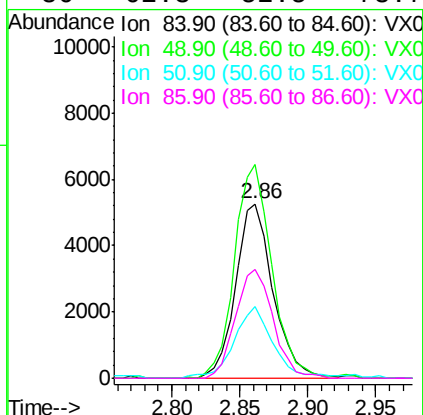
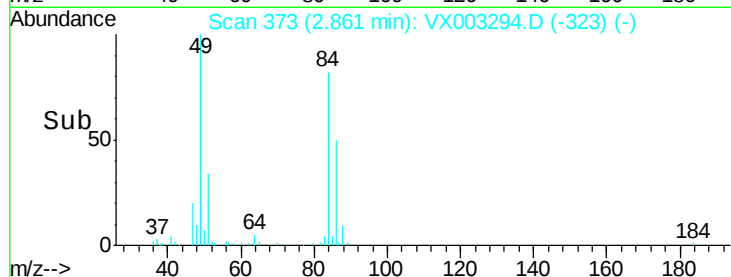
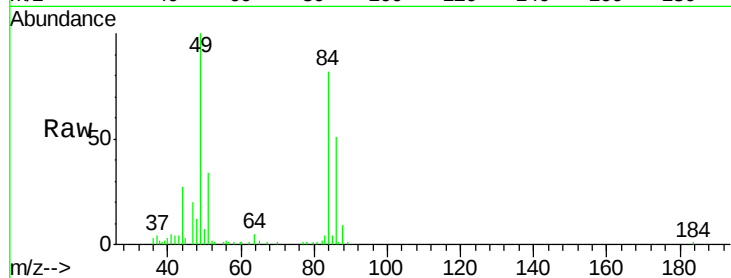




#20
Methylene Chloride
Concen: 2.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003294.D
Acq: 10 Jul 2018 19:42

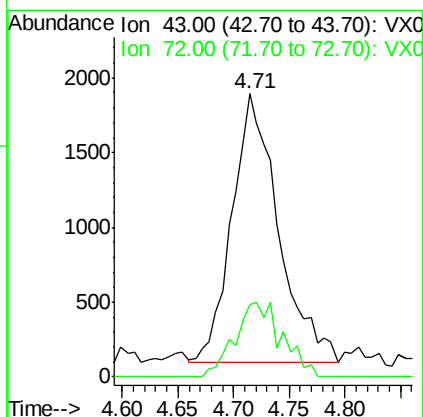
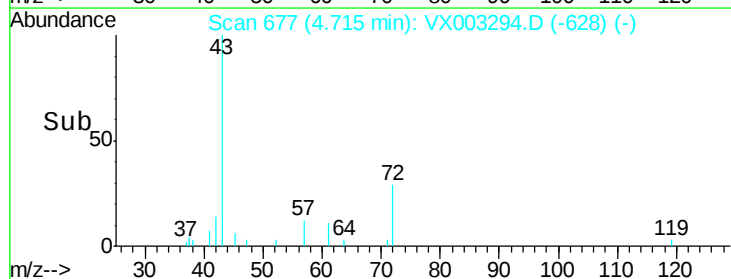
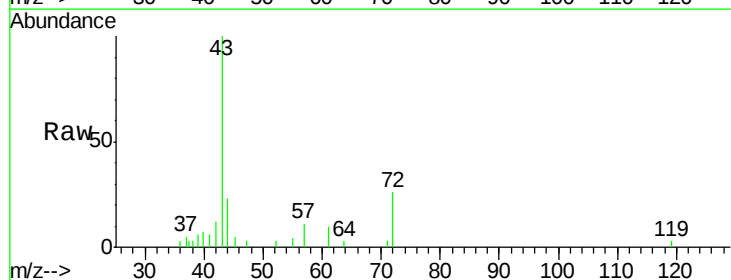
Instrument :
MSVOA_X
ClientSampleId :
PB110944ZHE#08

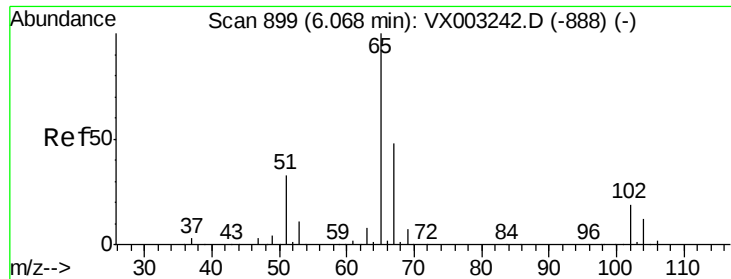
Tot Ion:	84	Resp:	10111
Ion	Ratio	Lower	Upper
84	100		
49	121.5	107.8	161.6
51	39.9	32.8	49.2
86	62.3	52.5	78.7



#25
2-Butanone
Concen: 2.10 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX003294.D
Acq: 10 Jul 2018 19:42

Tgt Ion:	43	Resp:	5214
Ion	Ratio	Lower	Upper
43	100		
72	26.9	18.5	27.7

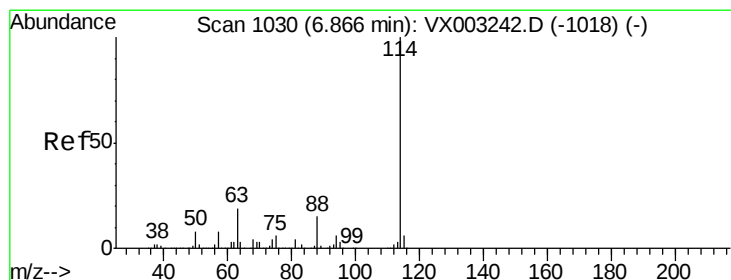
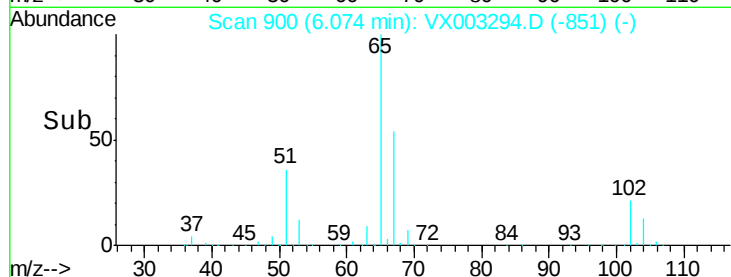
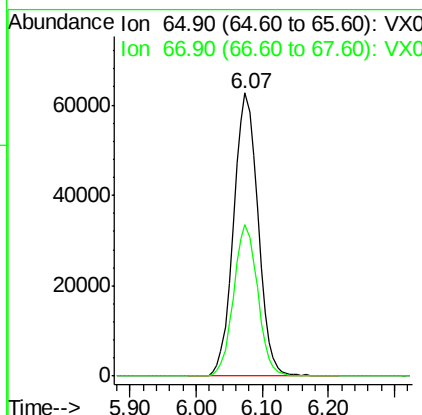
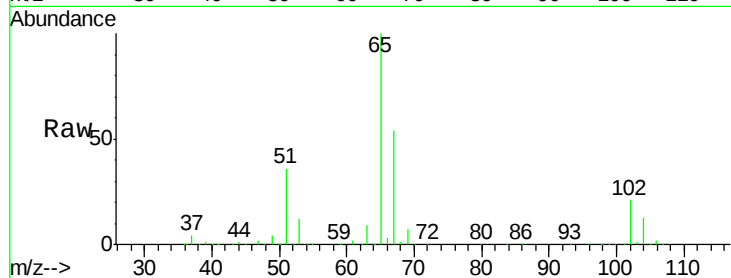




#33
 1,2-Dichloroethane-d4
 Concen: 40.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003294.D
 Acq: 10 Jul 2018 19:42

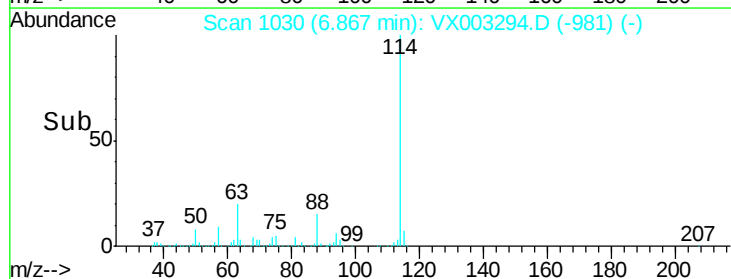
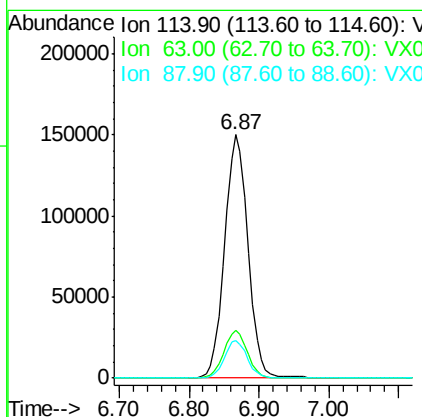
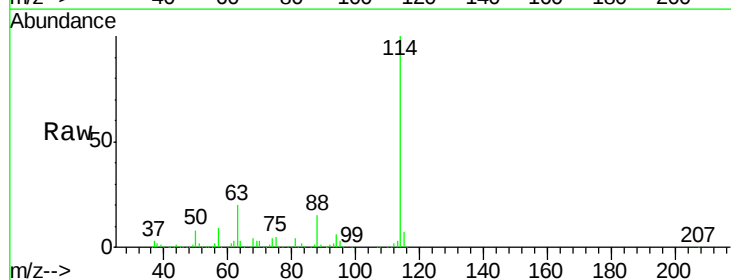
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#08

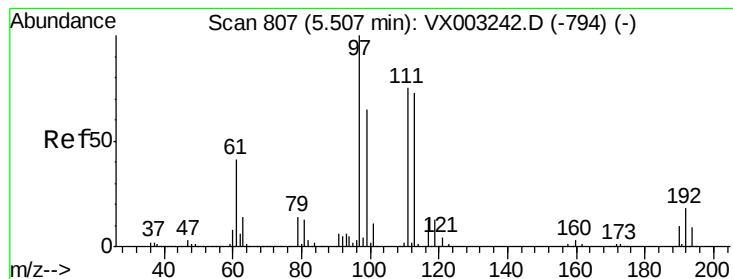
Tot Ion: 65 Resp: 161184
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003294.D
 Acq: 10 Jul 2018 19:42

Tgt Ion: 114 Resp: 347830
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.88 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003294.D

Acq: 10 Jul 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

PB110944ZHE#08

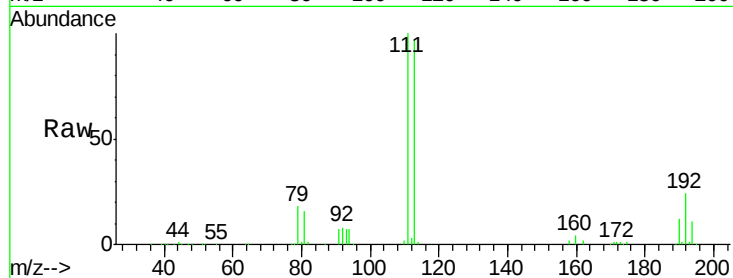
Tot Ion:113 Resp: 137798

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

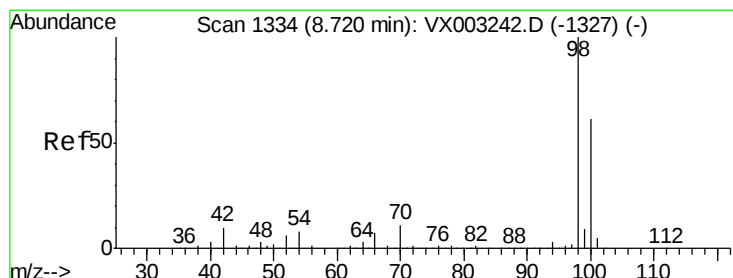
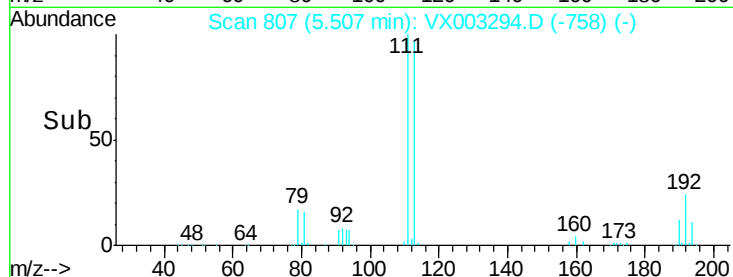
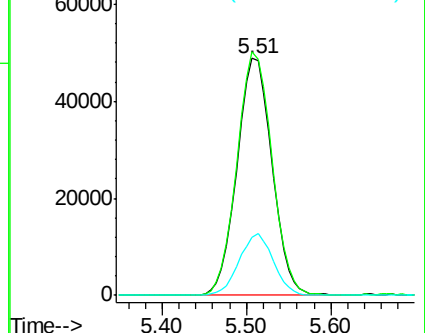
192 25.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 37.87 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003294.D

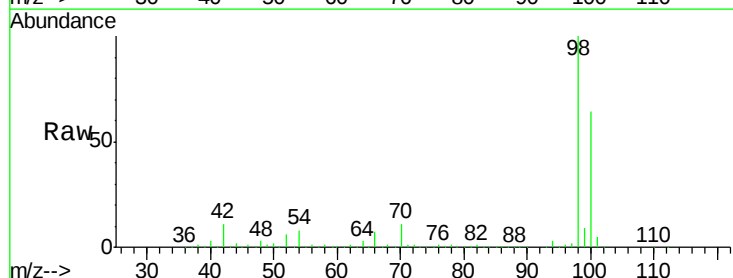
Acq: 10 Jul 2018 19:42

Tgt Ion: 98 Resp: 502692

Ion Ratio Lower Upper

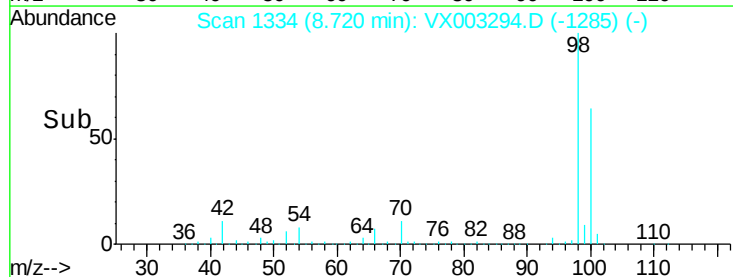
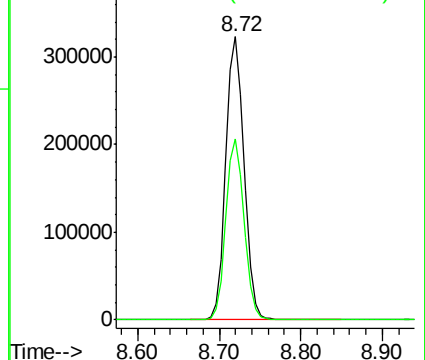
98 100

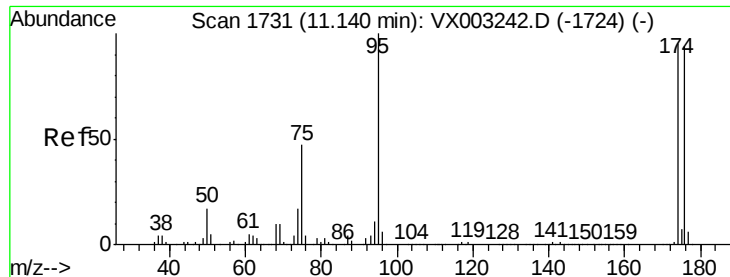
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003294.D

Acq: 10 Jul 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

PB110944ZHE#08

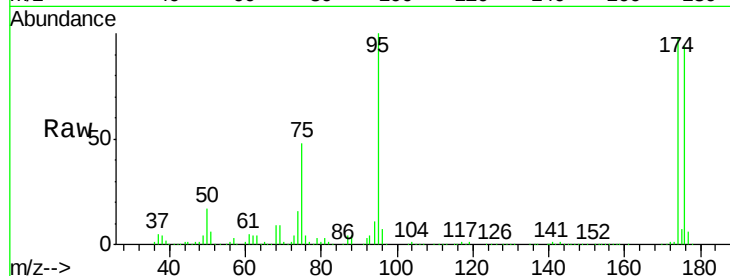
Tot Ion: 95 Resp: 176338

Ion Ratio Lower Upper

95 100

174 101.2 0.0 187.4

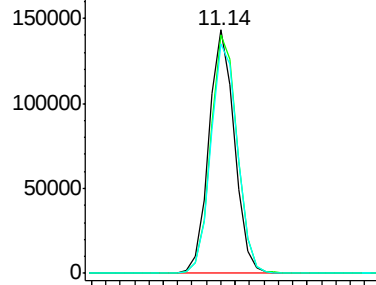
176 98.3 0.0 181.0



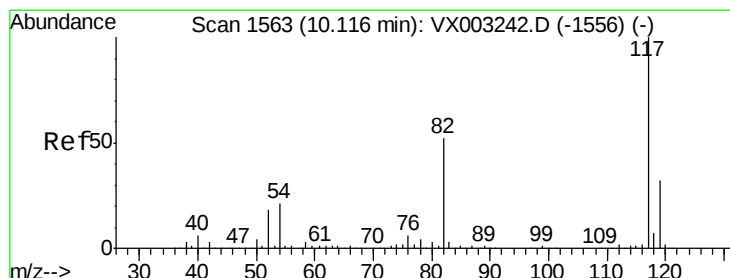
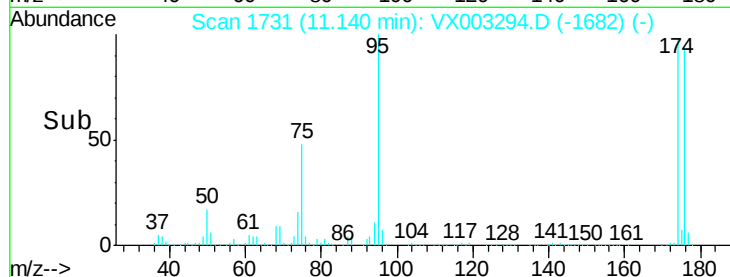
Abundance Ion 94.90 (94.60 to 95.60): VX003294.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003294.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003294.D (-1682) (-)



Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003294.D

Acq: 10 Jul 2018 19:42

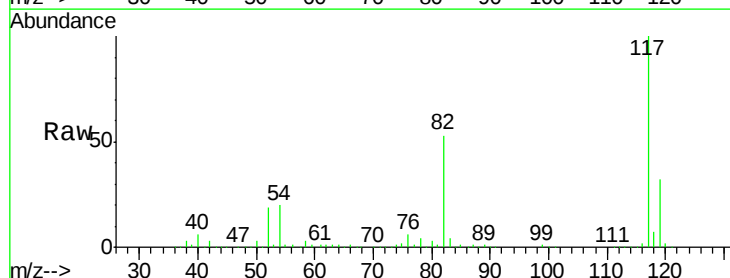
Tgt Ion: 117 Resp: 330086

Ion Ratio Lower Upper

117 100

82 52.5 45.0 67.4

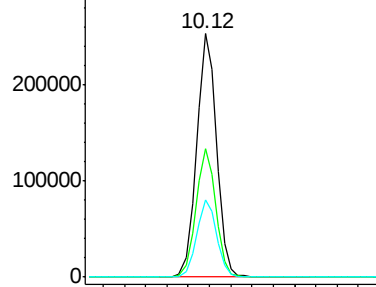
119 31.6 25.8 38.6



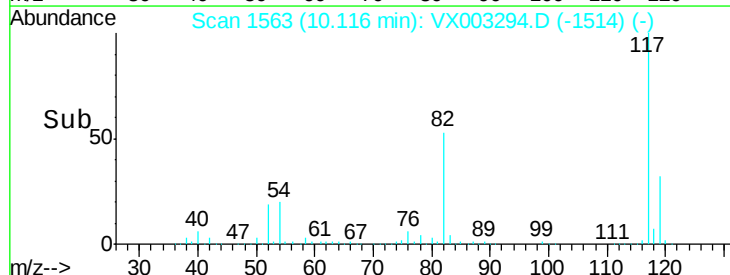
Abundance Ion 116.90 (116.60 to 117.60): VX003294.D (-1514) (-)

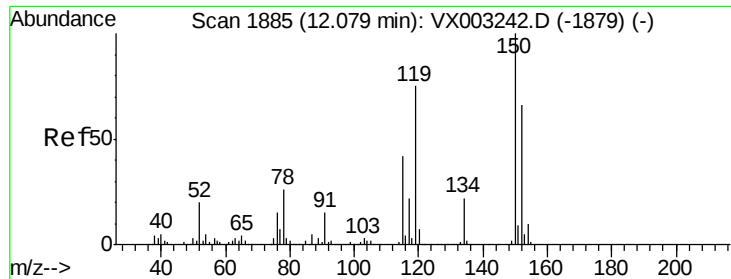
Ion 82.00 (81.70 to 82.70): VX003294.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003294.D (-1514) (-)



Time--> 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003294.D

Acq: 10 Jul 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

PB110944ZHE#08

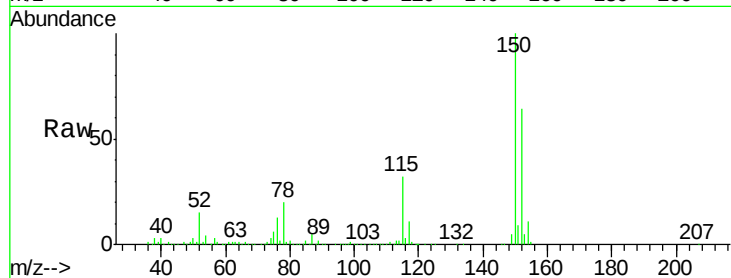
Tot Ion:152 Resp: 190324

Ion Ratio Lower Upper

152 100

115 53.2 40.1 120.2

150 155.1 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

