

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002773.D
 Acq On : 21 Jun 2018 06:04
 Operator : JC/MD
 Sample : PB110408ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#12

Quant Time: Jun 21 07:47:33 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	223098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167982	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	155002	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
35) Dibromofluoromethane	5.51	113	123597	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.72	98	453686	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
62) 4-Bromofluorobenzene	11.14	95	158311	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	

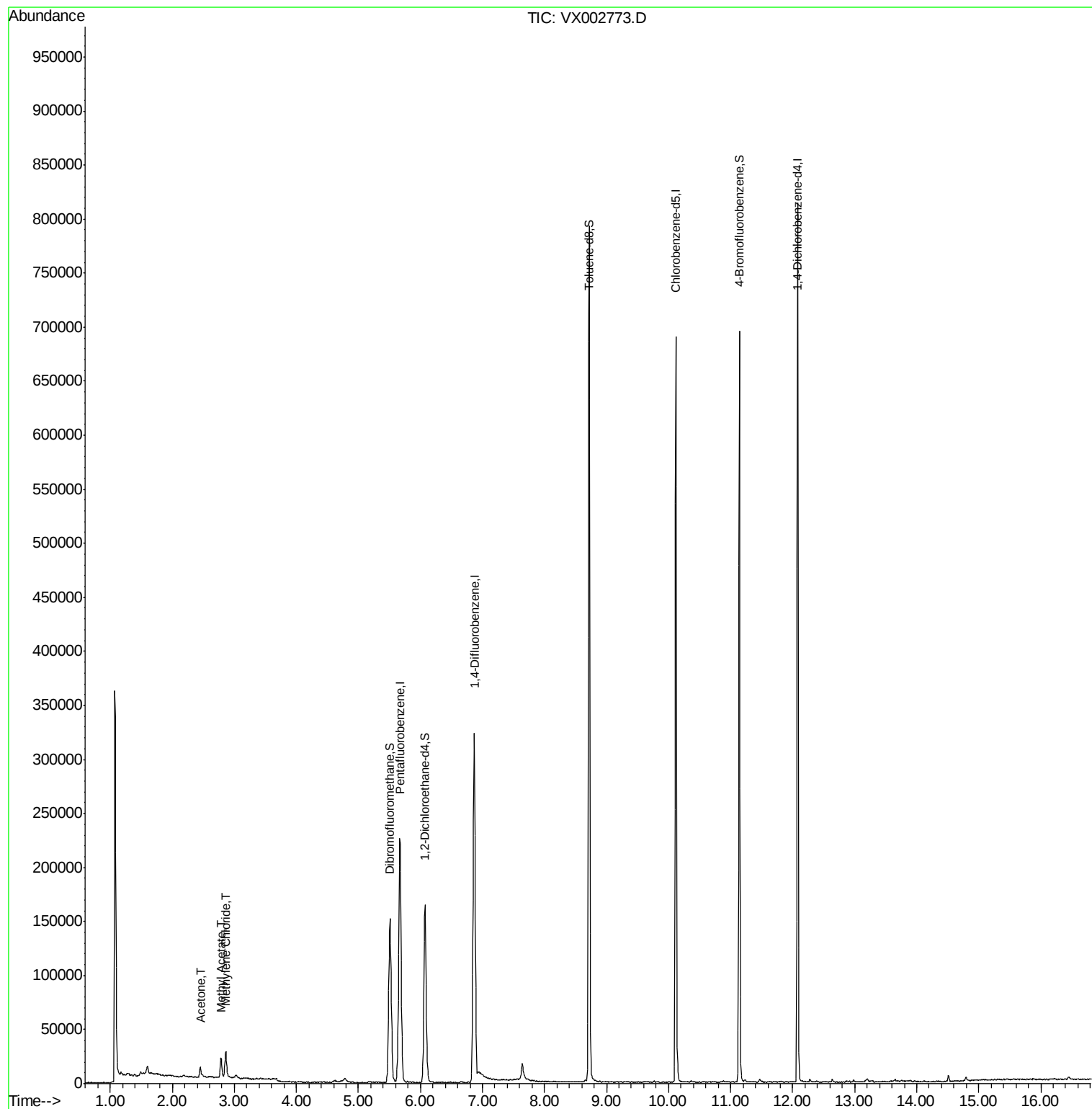
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11053	7.39	ug/l	100
18) Methyl Acetate	2.78	43	24023	6.03	ug/l	100
20) Methylene Chloride	2.86	84	11649	3.80	ug/l	98

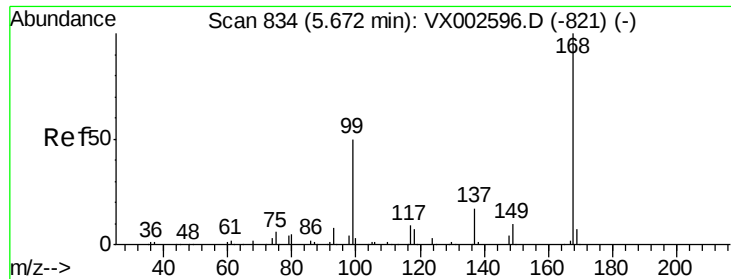
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002773.D

Acq: 21 Jun 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

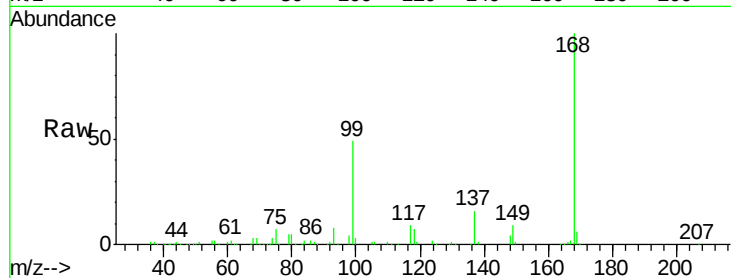
PB110408ZHE#12

Tot Ion:168 Resp: 223098

Ion Ratio Lower Upper

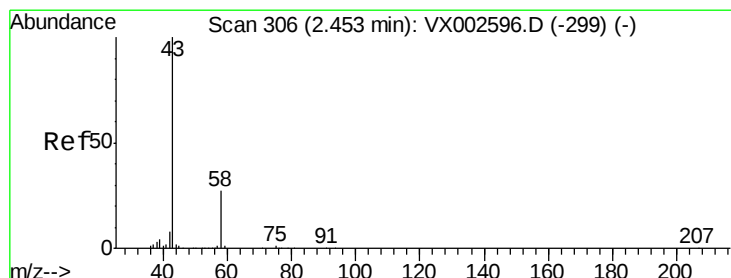
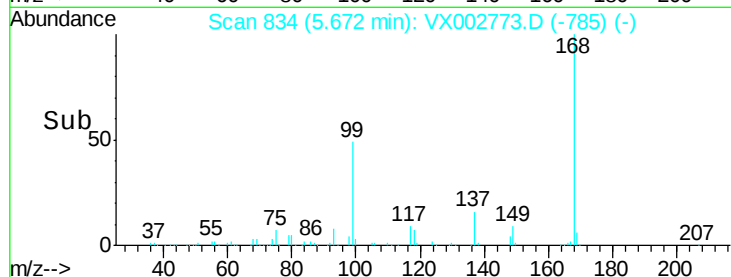
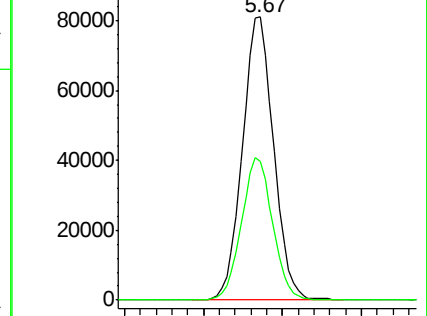
168 100

99 48.9 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: 7.39 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002773.D

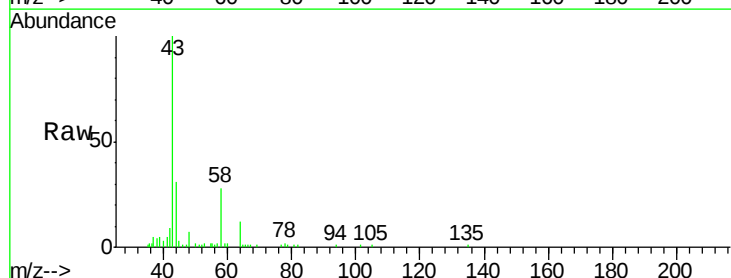
Acq: 21 Jun 2018 06:04

Tgt Ion: 43 Resp: 11053

Ion Ratio Lower Upper

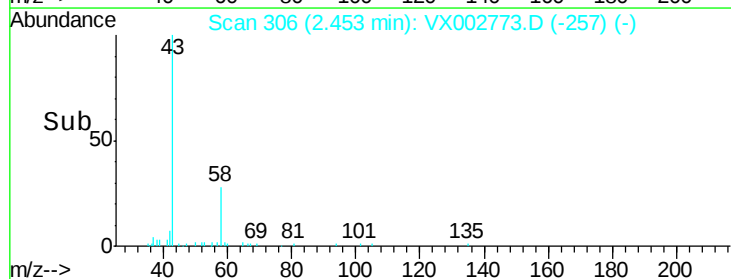
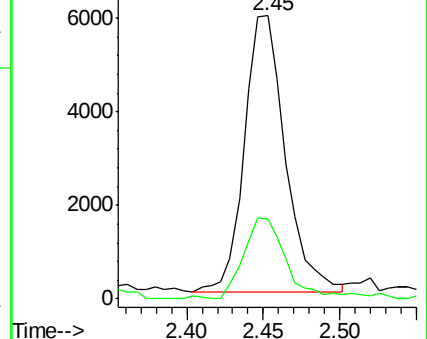
43 100

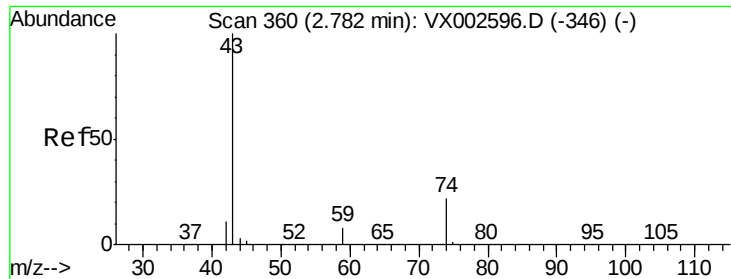
58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

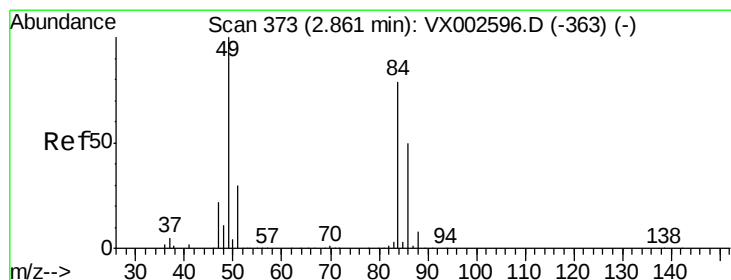
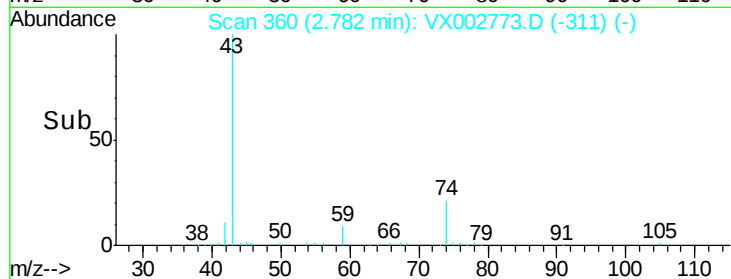
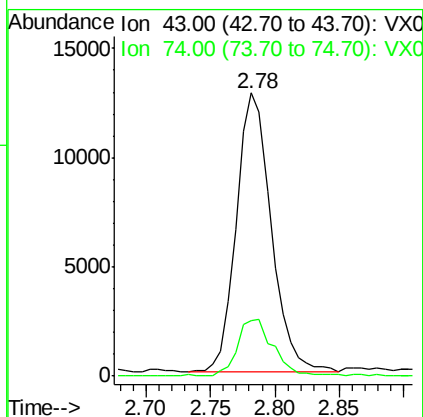
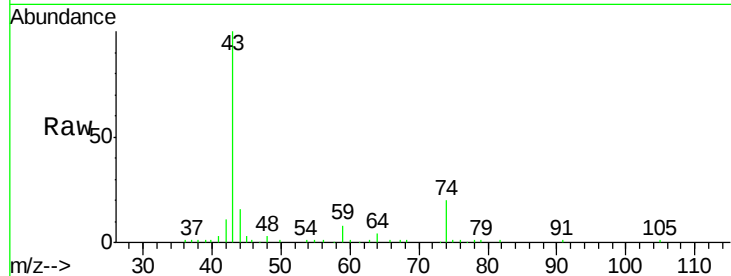




#18
Methvl Acetate
Concen: 6.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002773.D
Acq: 21 Jun 2018 06:04

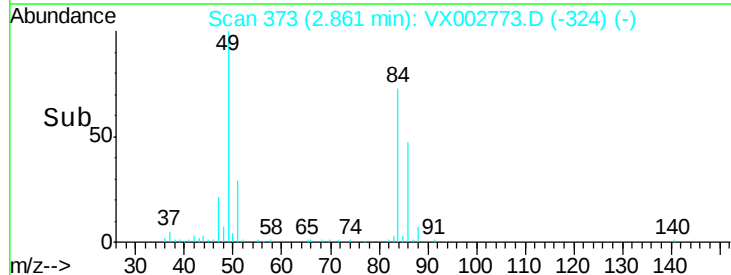
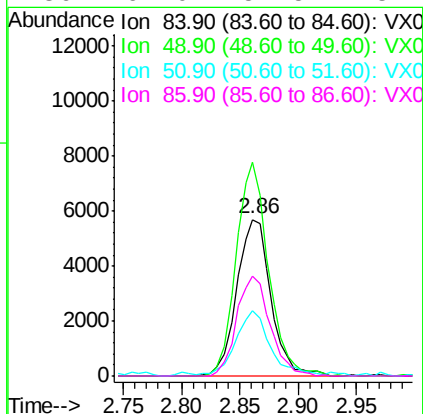
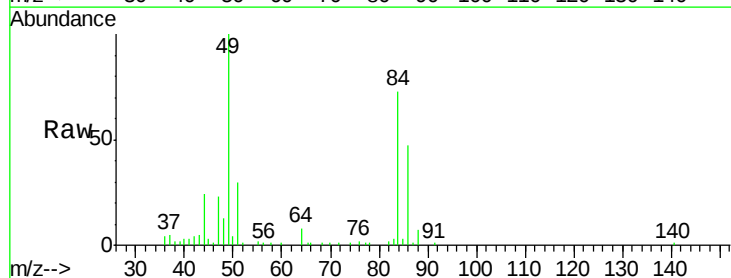
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#12

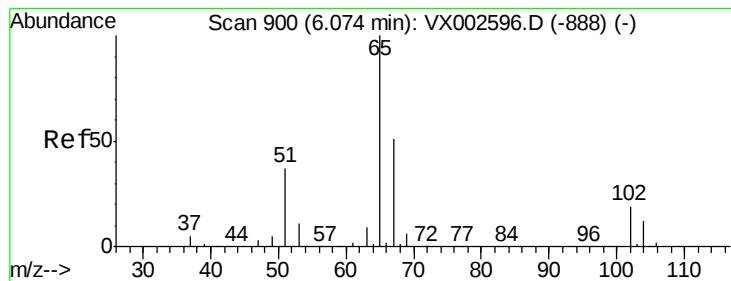
Tot Ion: 43 Resp: 24023
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1



#20
Methylene Chloride
Concen: 3.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002773.D
Acq: 21 Jun 2018 06:04

Tgt Ion: 84 Resp: 11649
Ion Ratio Lower Upper
84 100
49 136.6 107.8 161.6
51 40.1 32.8 49.2
86 64.0 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002773.D

Acq: 21 Jun 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

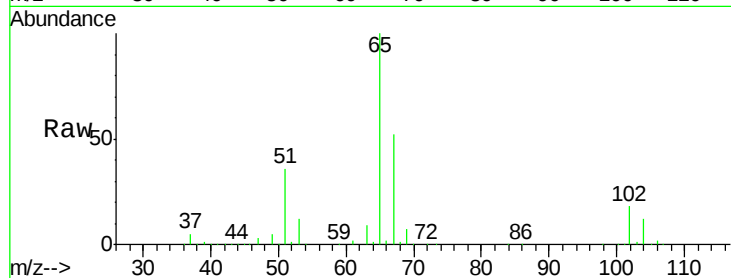
PB110408ZHE#12

Tot Ion: 65 Resp: 155002

Ion Ratio Lower Upper

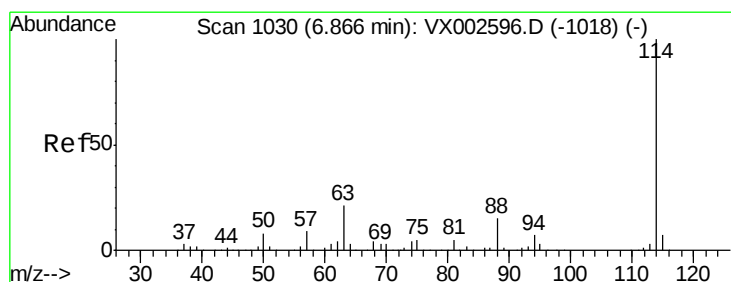
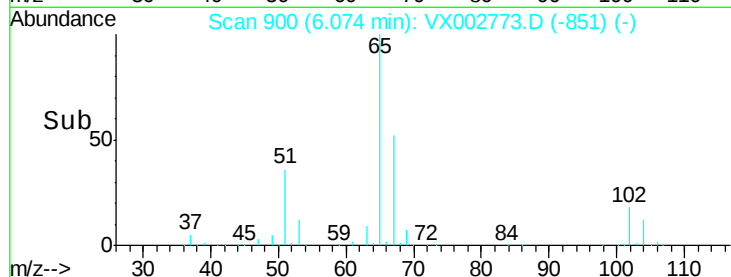
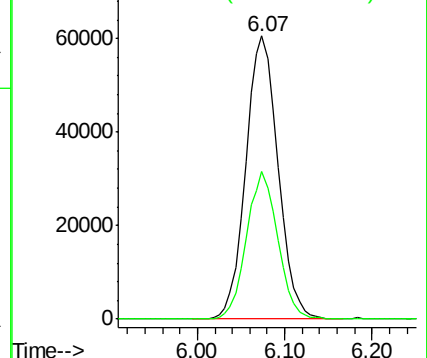
65 100

67 50.7 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: VX002773.D

Acq: 21 Jun 2018 06:04

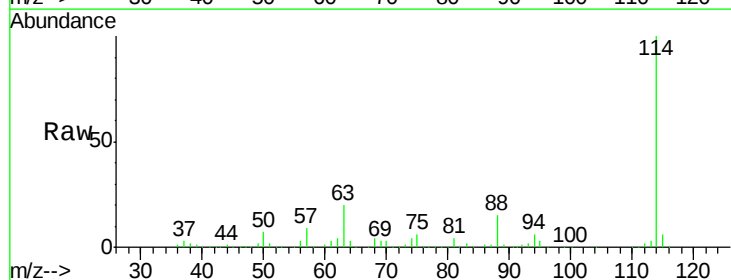
Tgt Ion: 114 Resp: 321370

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

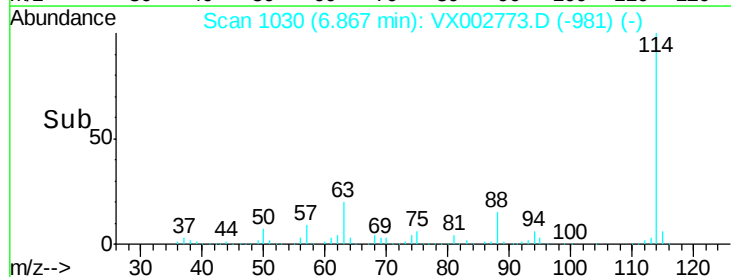
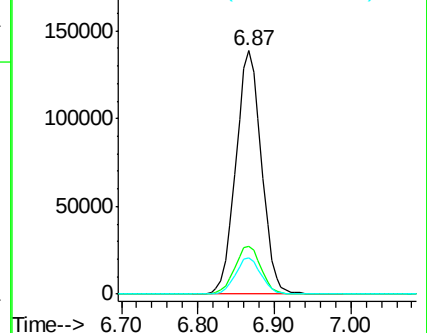
88 14.7 0.0 30.0

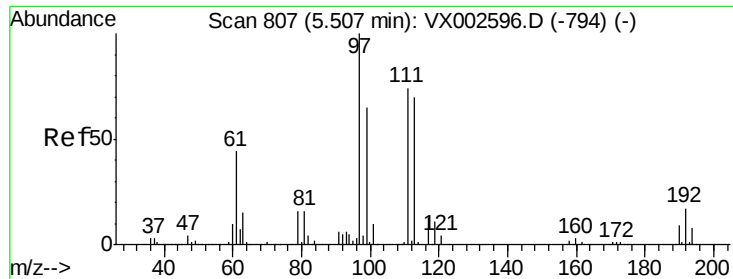


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

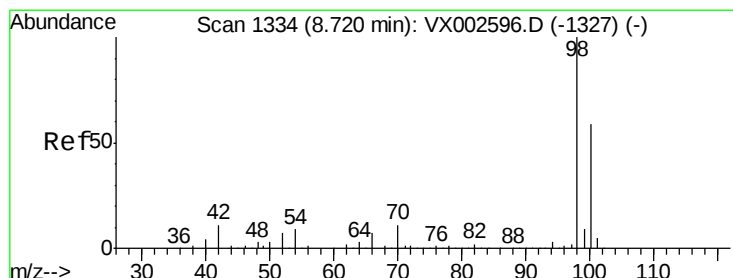
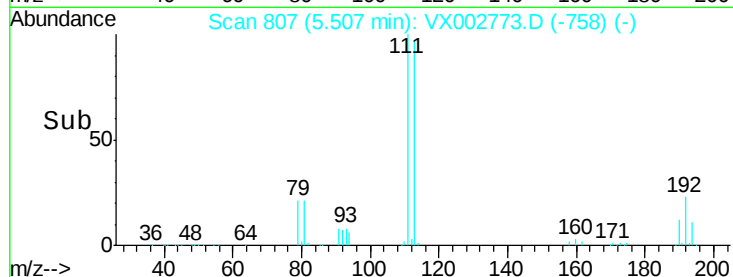
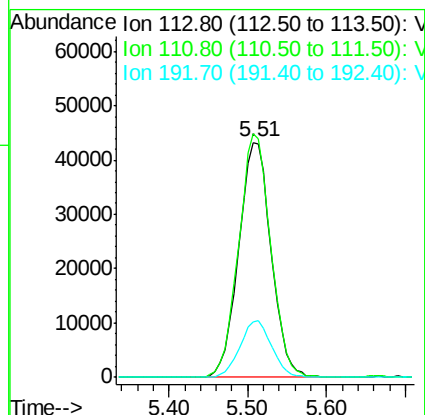
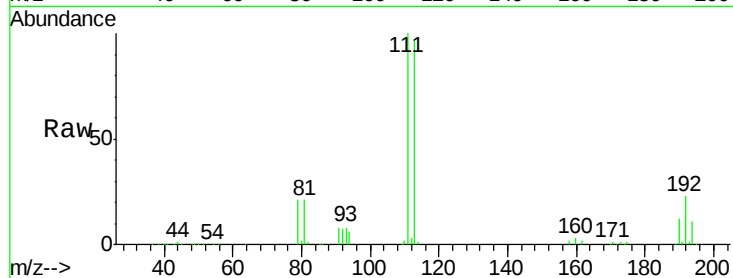




#35
 Dibromofluoromethane
 Concen: 48.19 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002773.D
 Acq: 21 Jun 2018 06:04

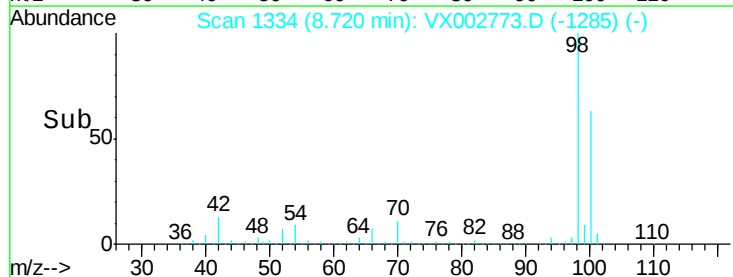
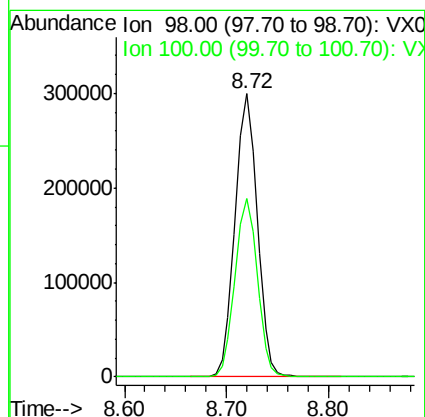
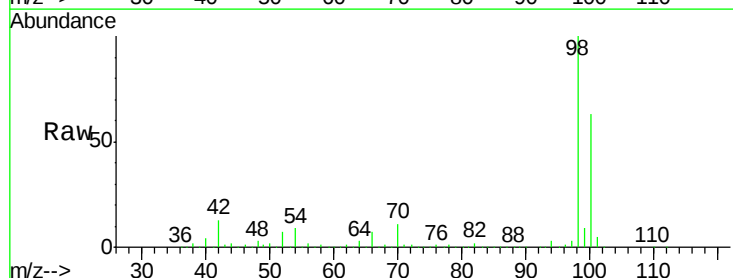
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 MSVOA_X
 ClientSampleId :
 PB110408ZHE#12

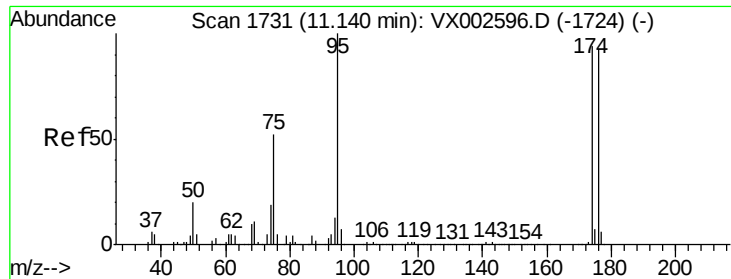
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.7	19.1	28.7



#50
 Toluene-d8
 Concen: 46.59 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002773.D
 Acq: 21 Jun 2018 06:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 42.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002773.D

Acq: 21 Jun 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#12

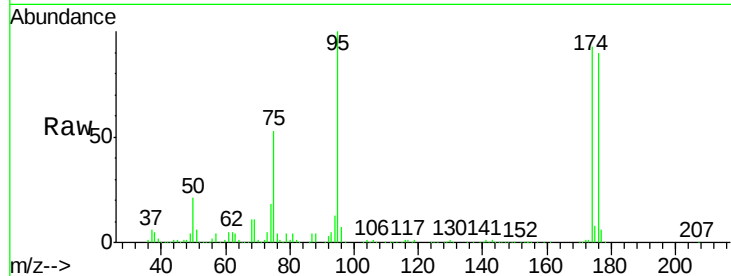
Tot Ion: 95 Resp: 158311

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

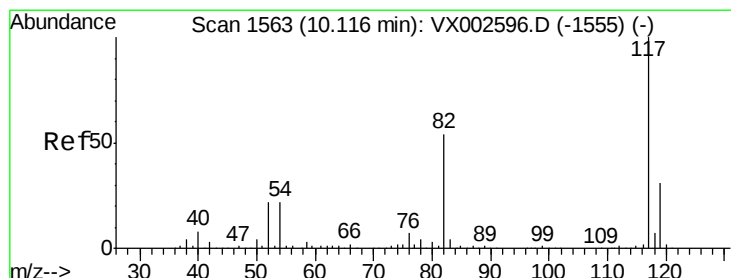
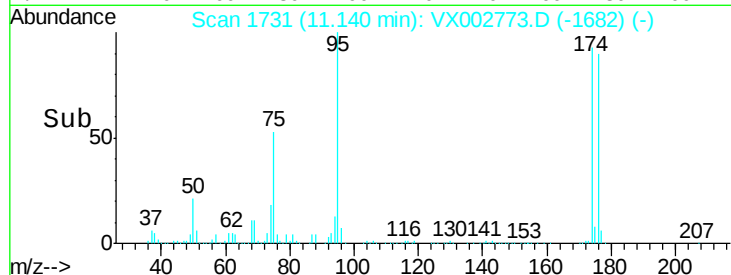
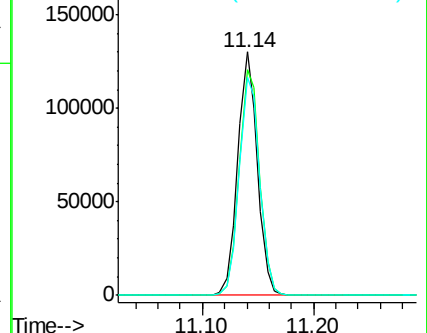
176 94.1 0.0 181.0



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: VX002773.D

Acq: 21 Jun 2018 06:04

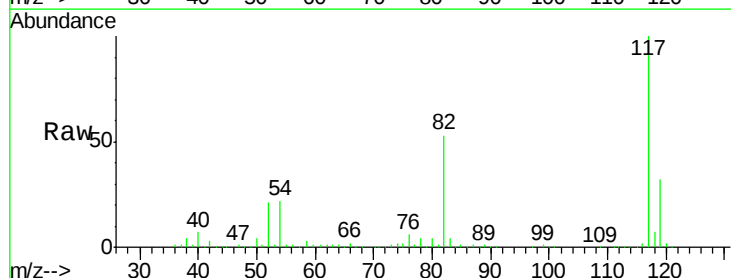
Tgt Ion: 117 Resp: 298611

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

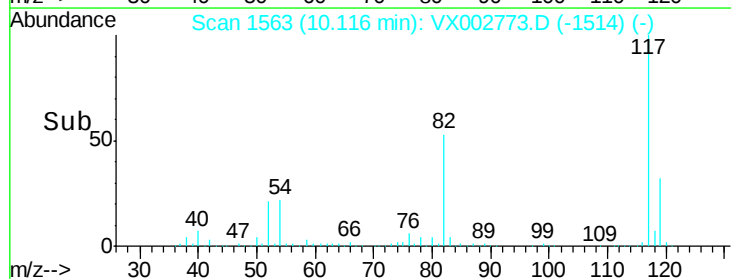
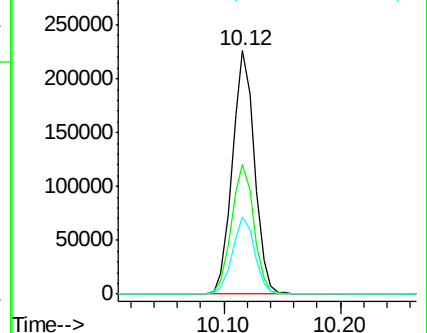
119 31.7 25.8 38.6

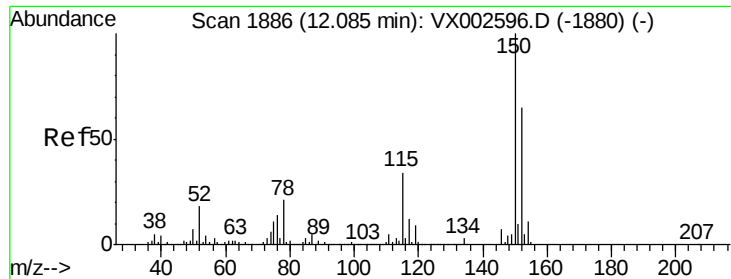


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002773.D

Acq: 21 Jun 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#12

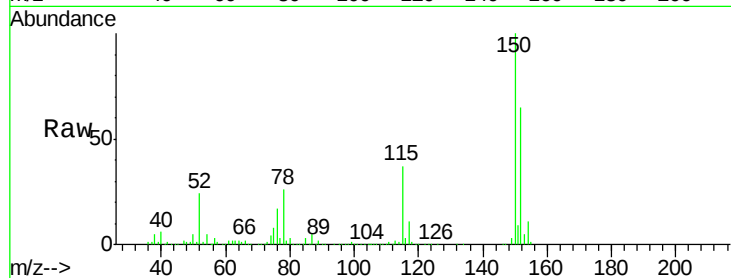
Tot Ion:152 Resp: 167982

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

150 154.7 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

