

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002775.D
 Acq On : 21 Jun 2018 06:57
 Operator : JC/MD
 Sample : PB110408ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#14

Quant Time: Jun 21 07:56:28 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	233428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184748	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	160600	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
35) Dibromofluoromethane	5.51	113	127365	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.72	98	477203	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.14	95	171715	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	

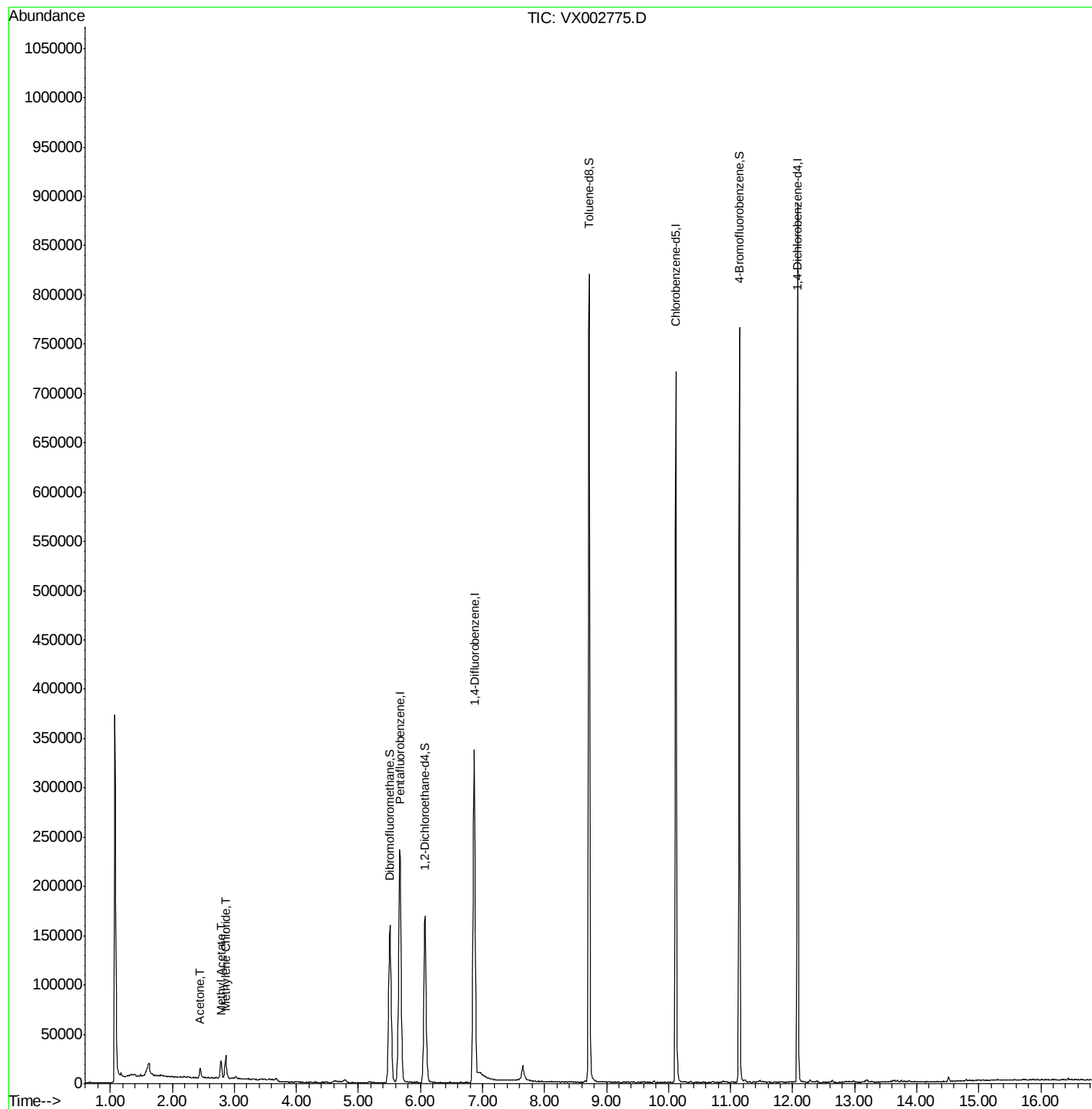
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	10782	6.89	ug/l	96
18) Methyl Acetate	2.78	43	24156	5.79	ug/l	99
20) Methylene Chloride	2.86	84	10666	3.32	ug/l	96

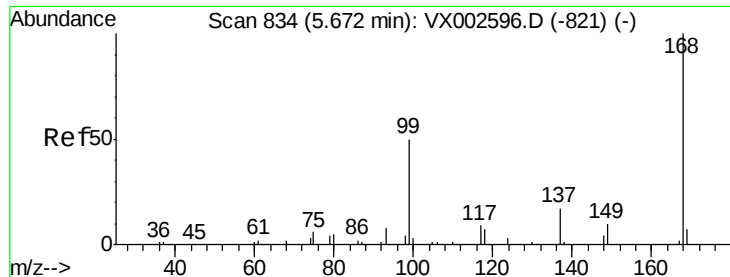
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002775.D

Acq: 21 Jun 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

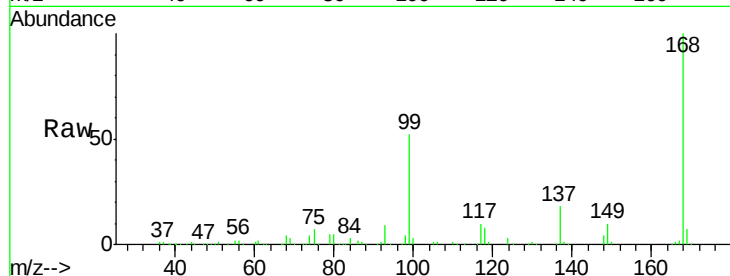
PB110408ZHE#14

Tot Ion:168 Resp: 233428

Ion Ratio Lower Upper

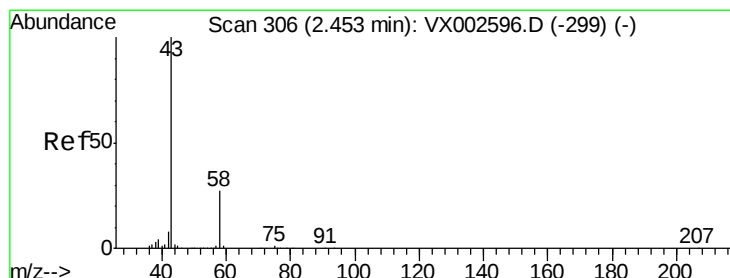
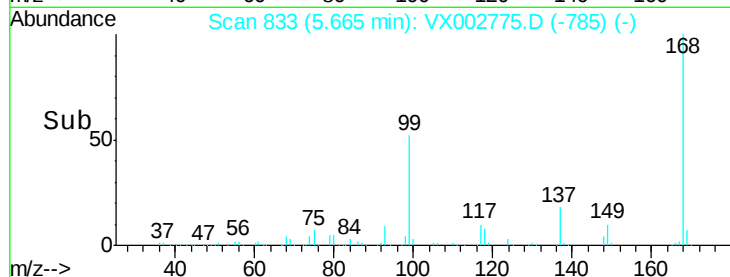
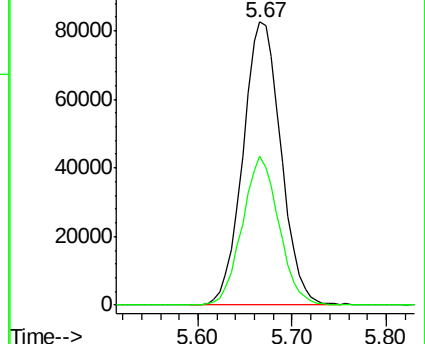
168 100

99 52.5 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: 6.89 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002775.D

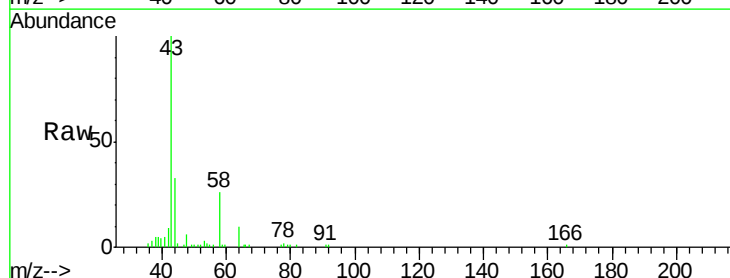
Acq: 21 Jun 2018 06:57

Tgt Ion: 43 Resp: 10782

Ion Ratio Lower Upper

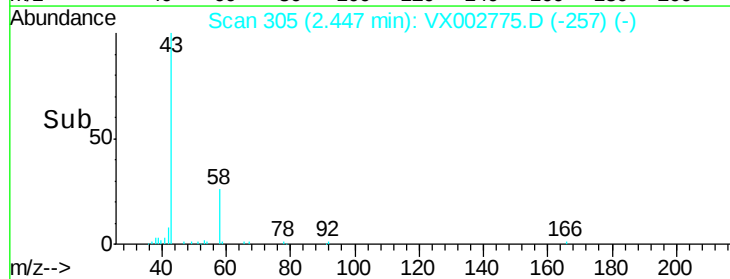
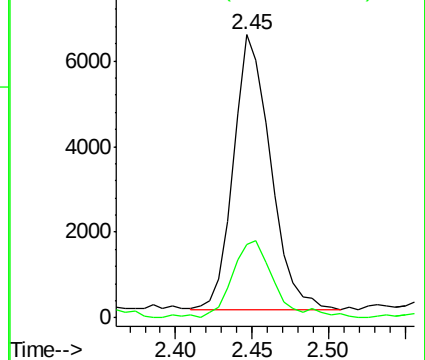
43 100

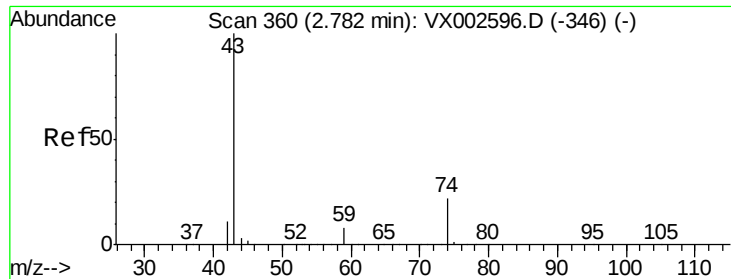
58 25.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

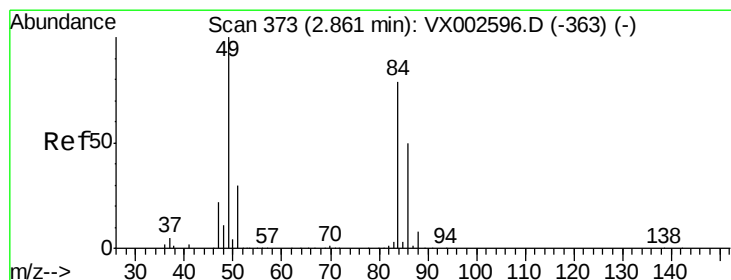
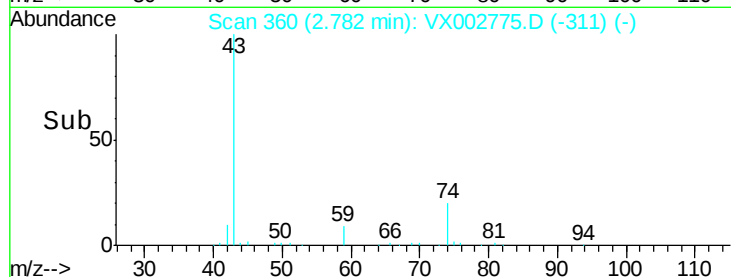
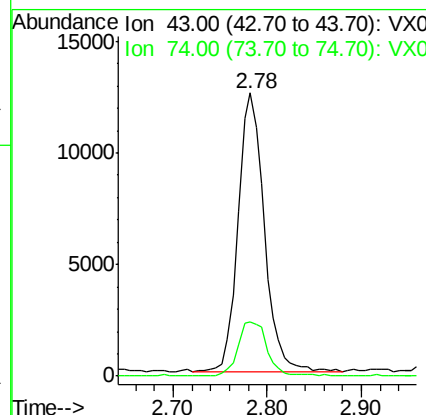
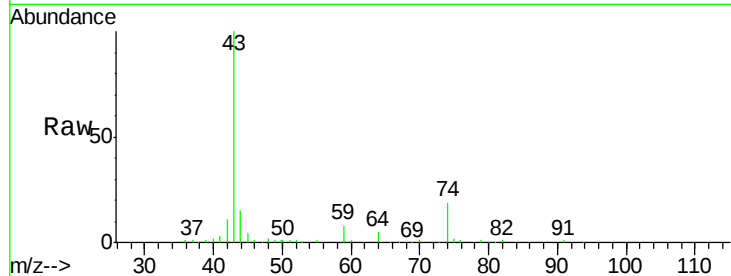




#18
Methvl Acetate
Concen: 5.79 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

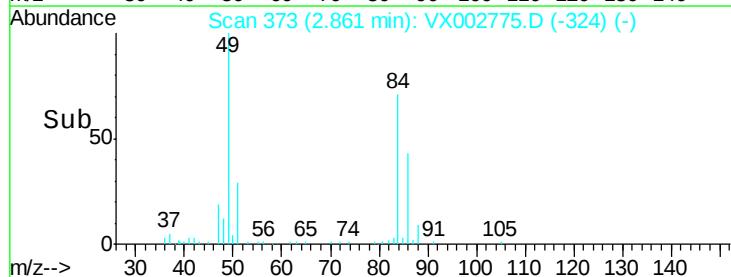
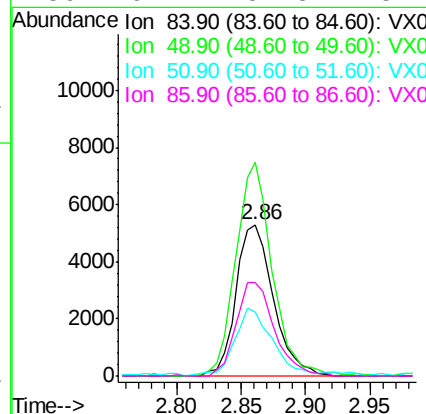
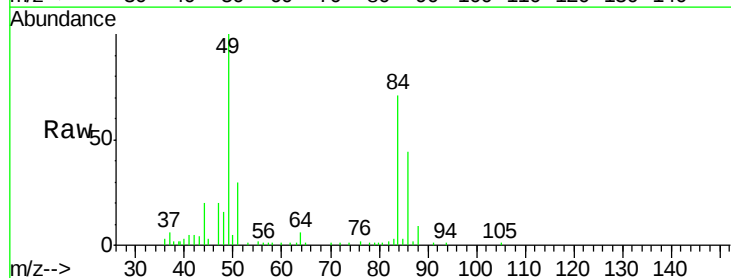
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#14

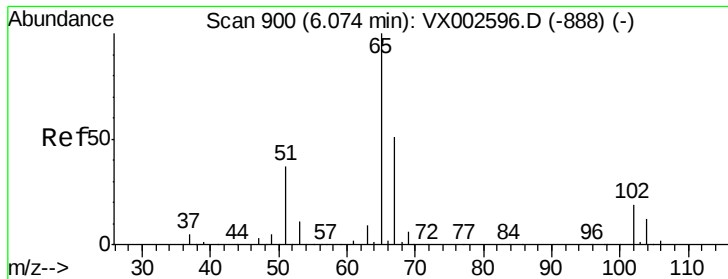
Tot Ion: 43 Resp: 24156
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#20
Methylene Chloride
Concen: 3.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 84 Resp: 10666
Ion Ratio Lower Upper
84 100
49 141.1 107.8 161.6
51 41.3 32.8 49.2
86 61.7 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.27 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002775.D

Acq: 21 Jun 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

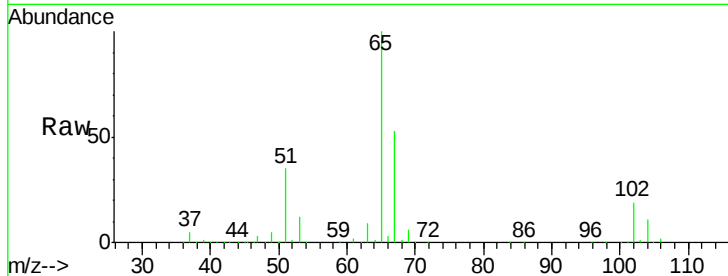
PB110408ZHE#14

Tot Ion: 65 Resp: 160600

Ion Ratio Lower Upper

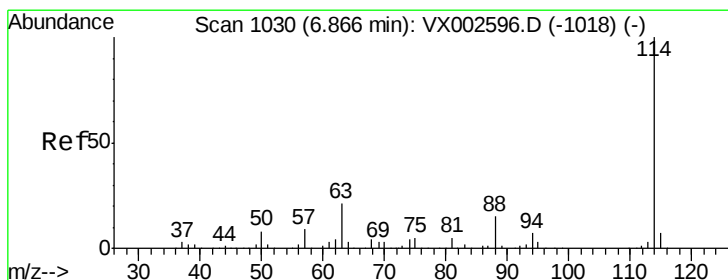
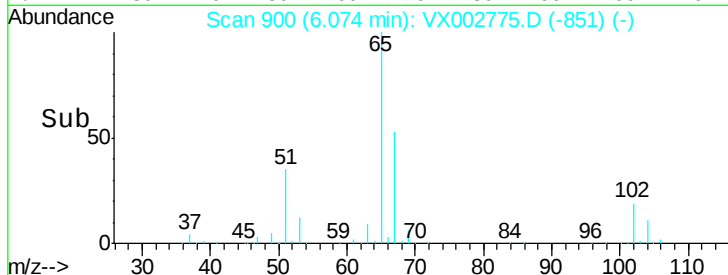
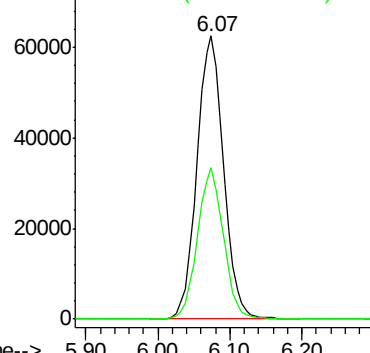
65 100

67 52.0 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: VX002775.D

Acq: 21 Jun 2018 06:57

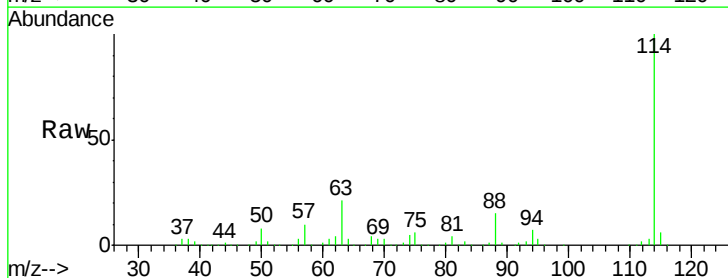
Tgt Ion: 114 Resp: 332619

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

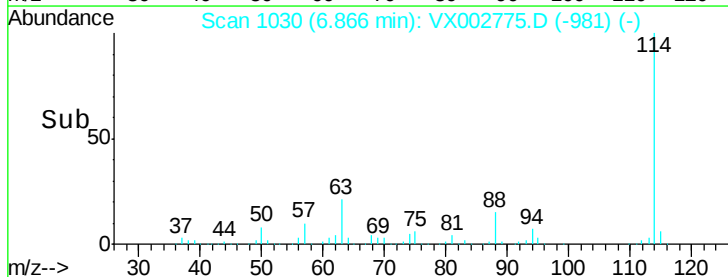
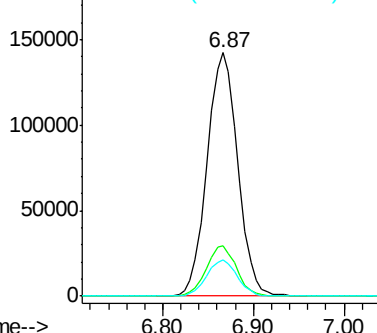
88 14.9 0.0 30.0

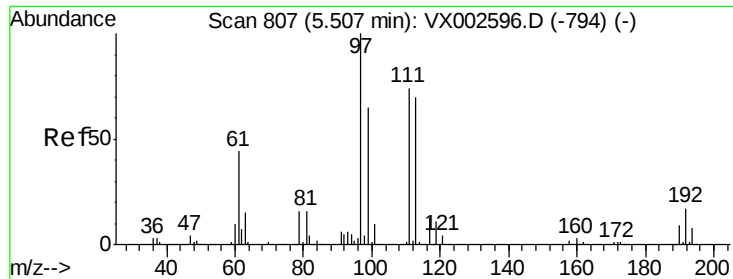


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

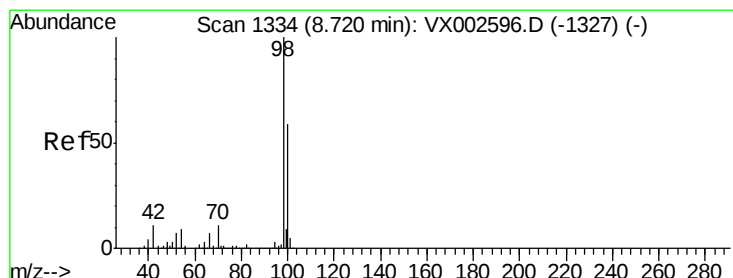
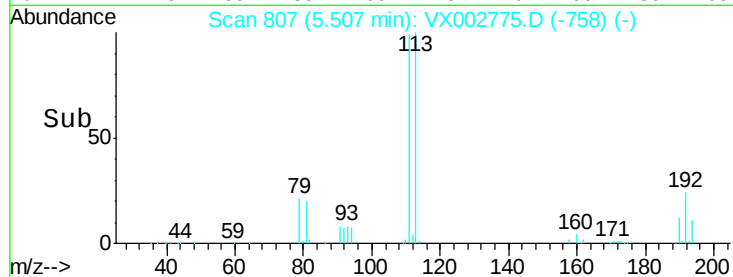
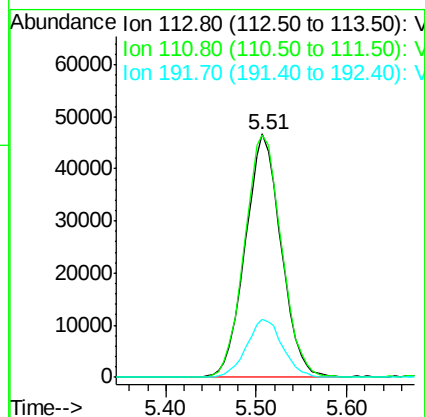
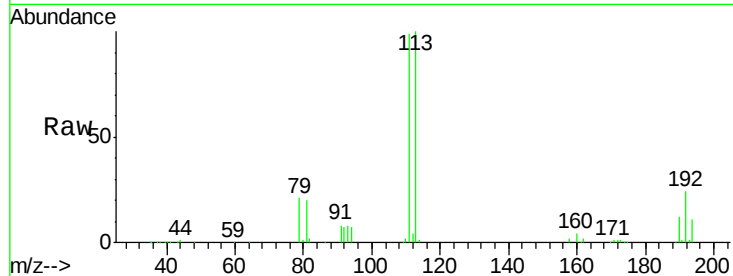




#35
 Dibromofluoromethane
 Concen: 47.98 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002775.D
 Acq: 21 Jun 2018 06:57

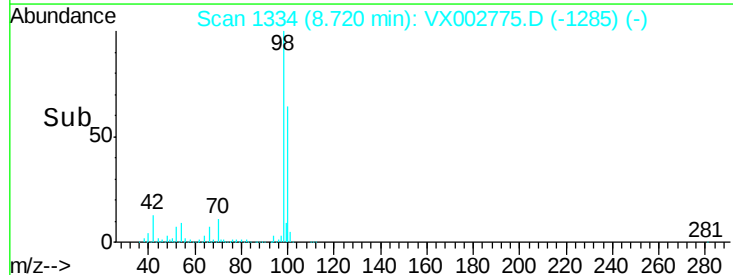
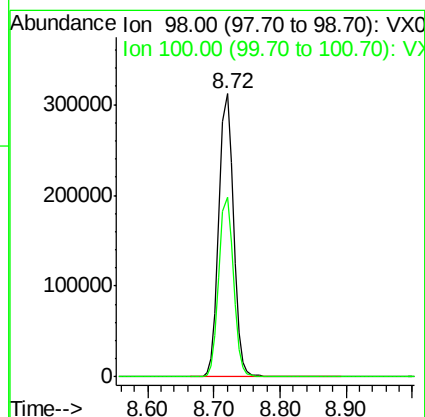
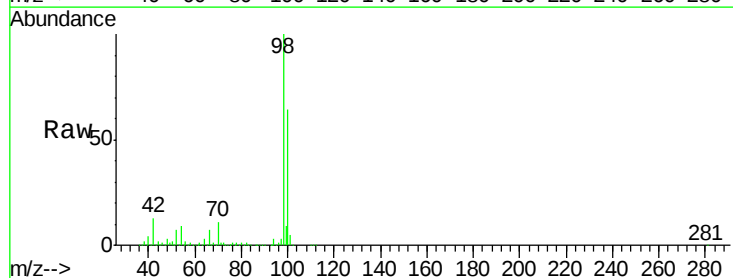
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 PB110408ZHE#14

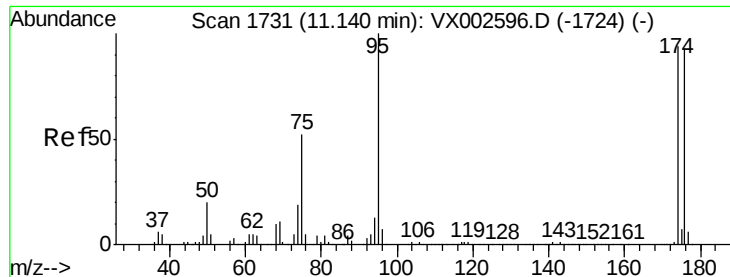
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.1	19.1	28.7



#50
 Toluene-d8
 Concen: 47.34 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002775.D
 Acq: 21 Jun 2018 06:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

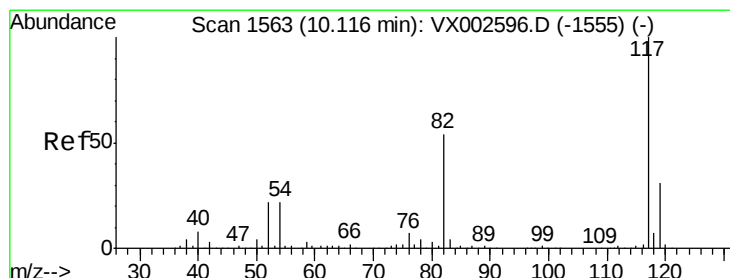
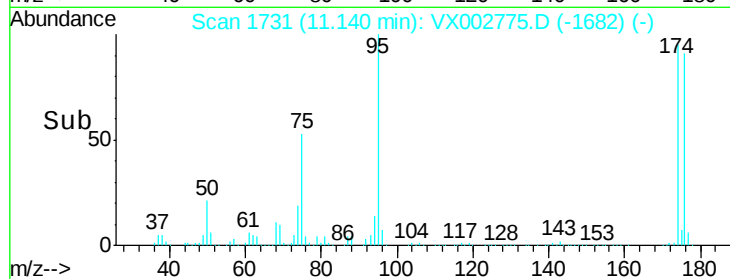
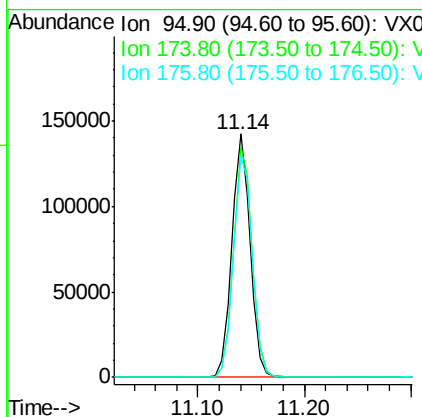
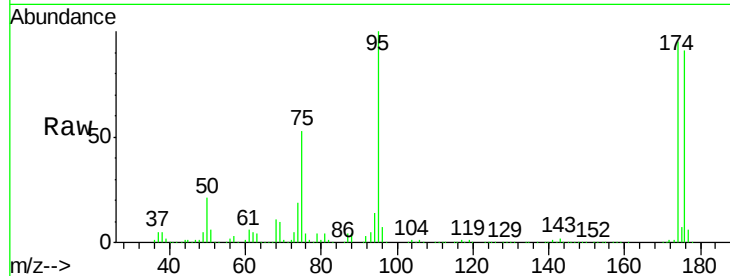




#62
4-Bromofluorobenzene
Concen: 44.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

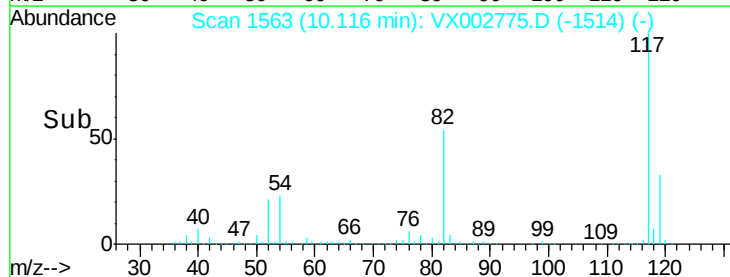
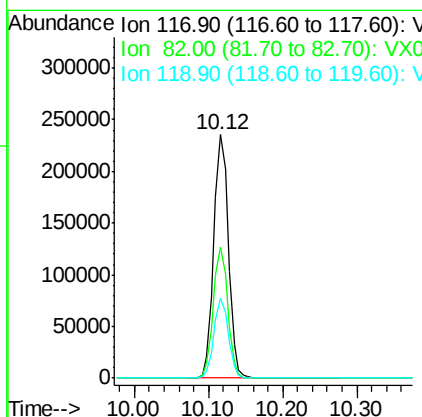
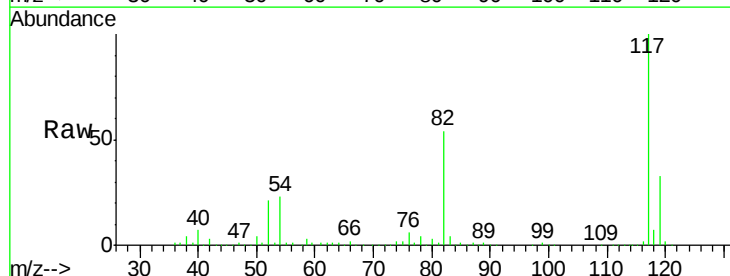
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#14

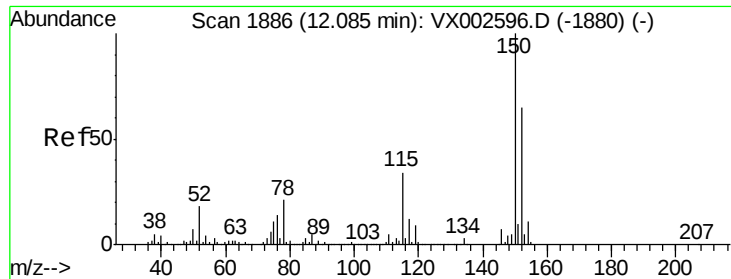
Tot Ion: 95 Resp: 171715
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 94.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 117 Resp: 317510
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002775.D

Acq: 21 Jun 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#14

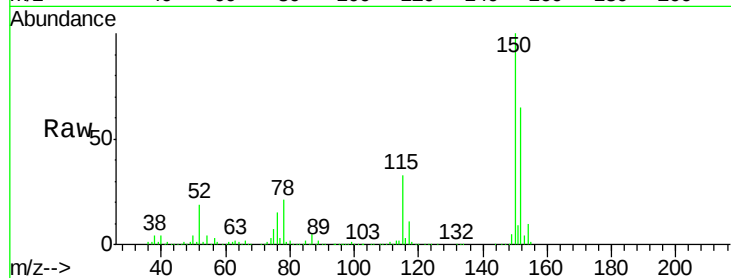
Tot Ion:152 Resp: 184748

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

150 157.0 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

