

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002766.D
 Acq On : 21 Jun 2018 02:58
 Operator : JC/MD
 Sample : PB110408ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#05

Quant Time: Jun 21 07:06:03 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	232534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177756	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	160519	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	5.51	113	128192	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	8.72	98	473858	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	168602	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	

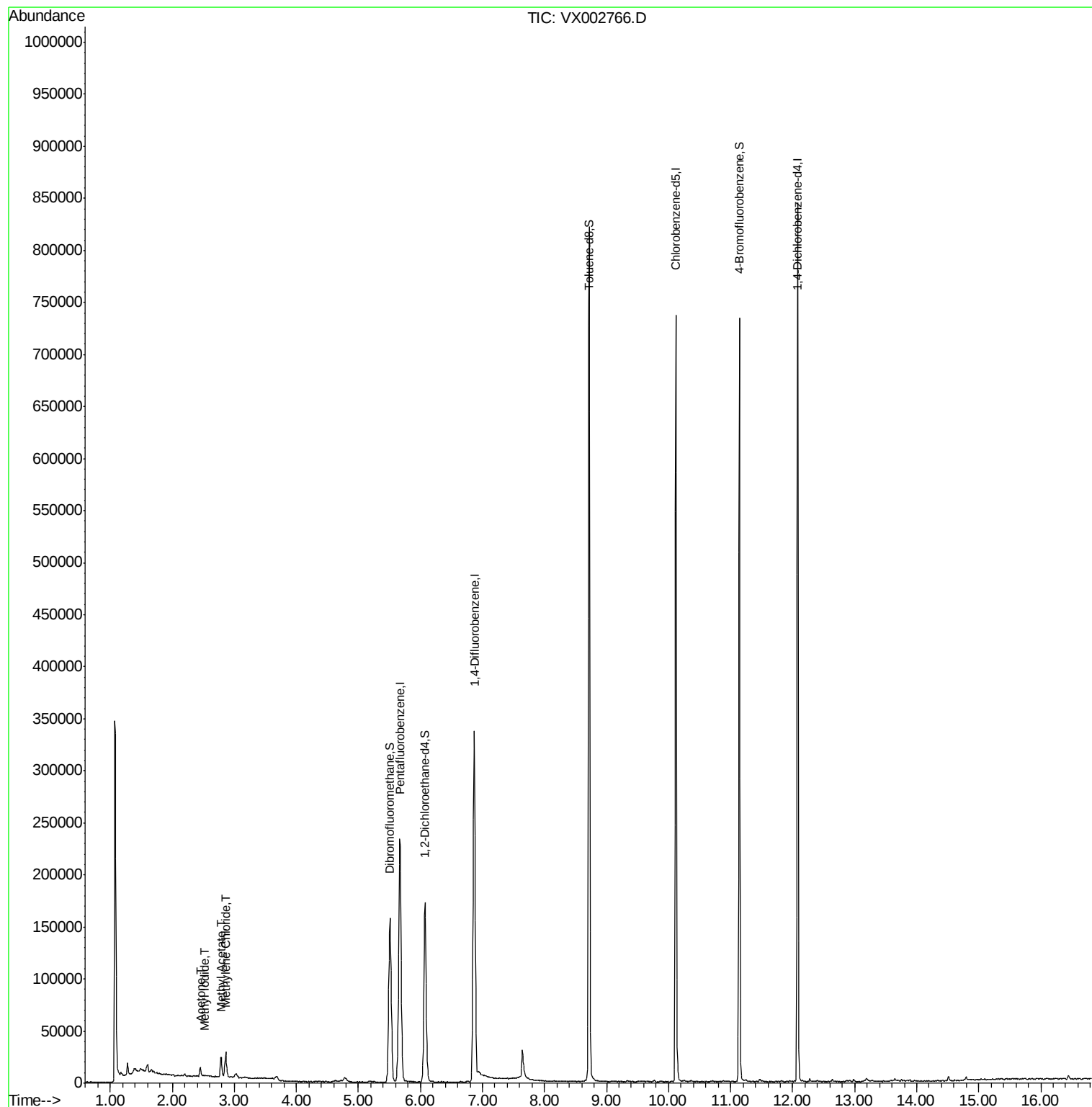
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1625	5.57	ug/l	# 97
16) Acetone	2.45	43	10358	6.64	ug/l	94
18) Methyl Acetate	2.78	43	23366	5.63	ug/l	97
20) Methylene Chloride	2.86	84	10912	3.41	ug/l	97

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

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Quant Title : SW846 8260
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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: VX002766.D

Acq: 21 Jun 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

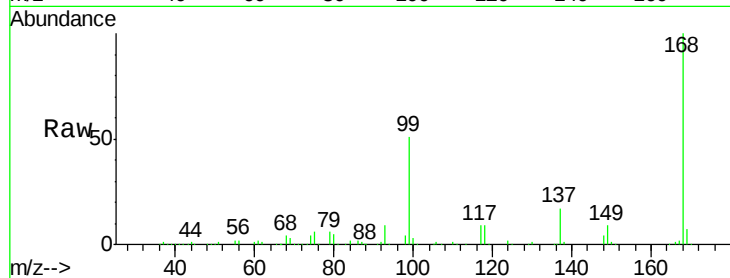
PB110408ZHE#05

Tot Ion:168 Resp: 232534

Ion Ratio Lower Upper

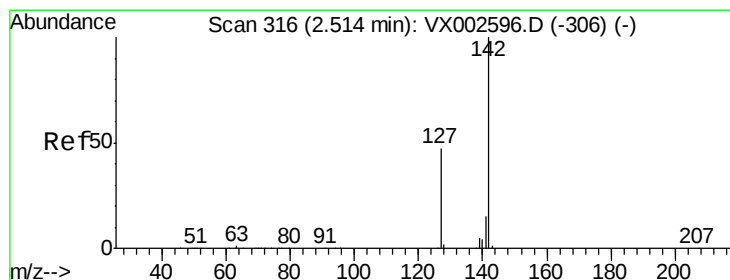
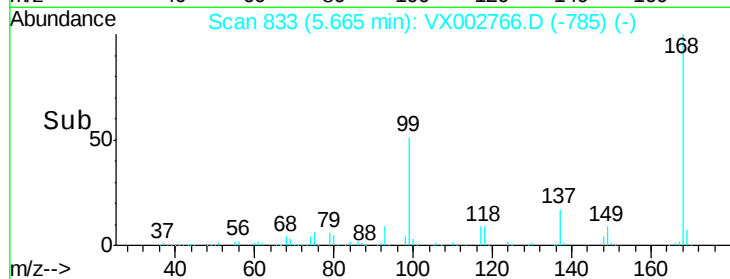
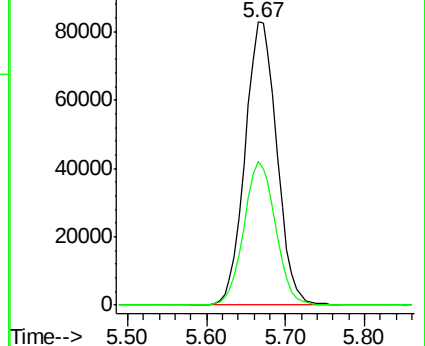
168 100

99 51.0 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: 5.57 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002766.D

Acq: 21 Jun 2018 02:58

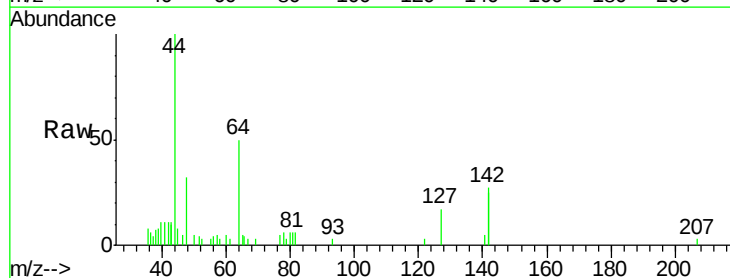
Tgt Ion:142 Resp: 1625

Ion Ratio Lower Upper

142 100

127 44.6 36.6 55.0

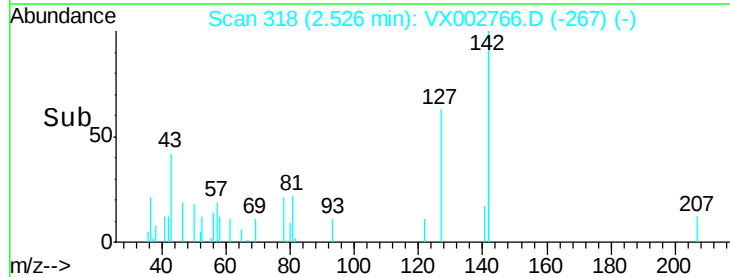
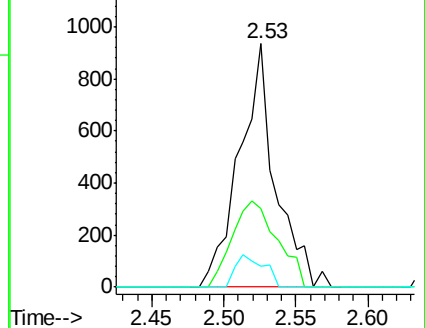
141 10.6 11.3 16.9#

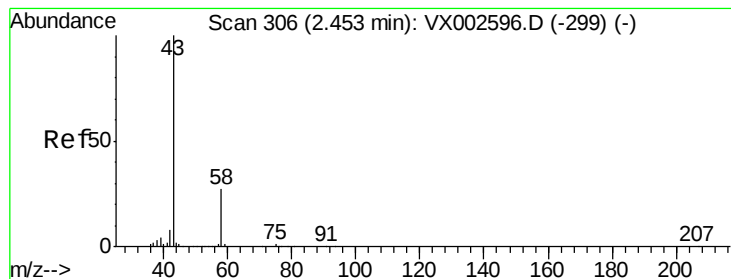


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002766.D

Acq: 21 Jun 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

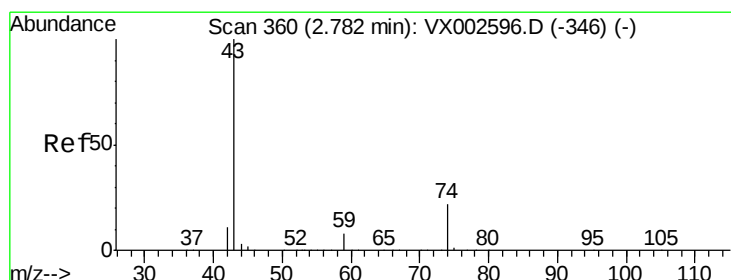
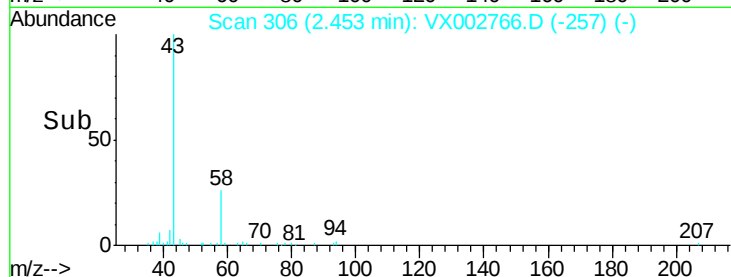
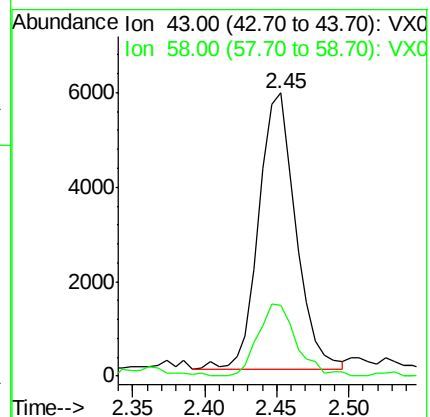
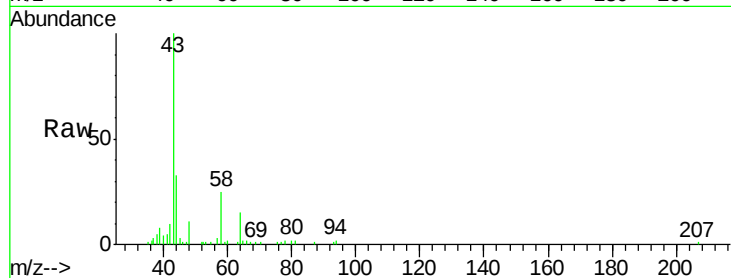
PB110408ZHE#05

Tot Ion: 43 Resp: 10358

Ion Ratio Lower Upper

43 100

58 24.6 22.1 33.1



#18

Methyl Acetate

Concen: 5.63 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002766.D

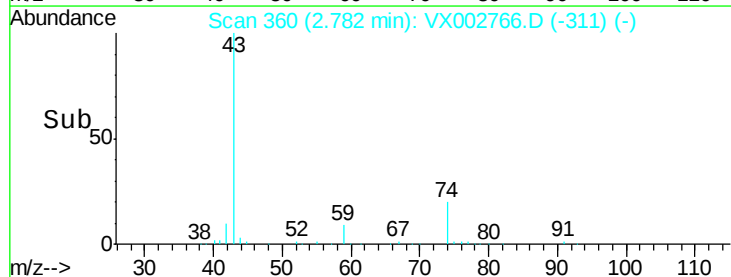
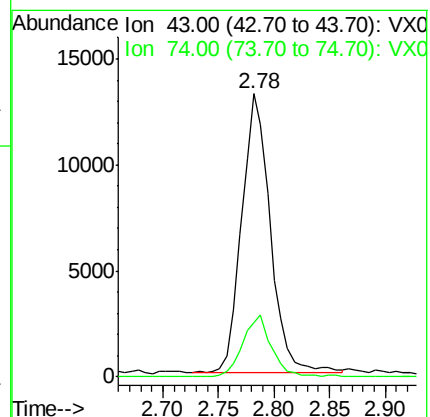
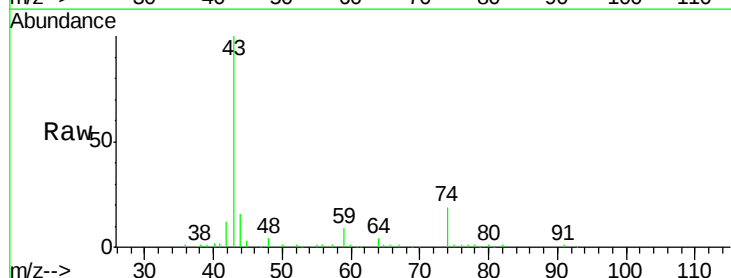
Acq: 21 Jun 2018 02:58

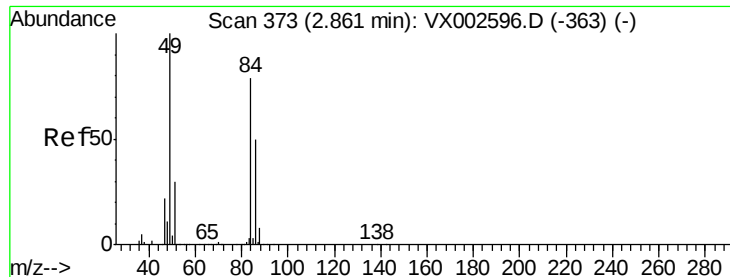
Tgt Ion: 43 Resp: 23366

Ion Ratio Lower Upper

43 100

74 22.5 16.7 25.1





#20

Methylene Chloride

Concen: 3.41 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002766.D

Acq: 21 Jun 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#05

Tot Ion: 84 Resp: 10912

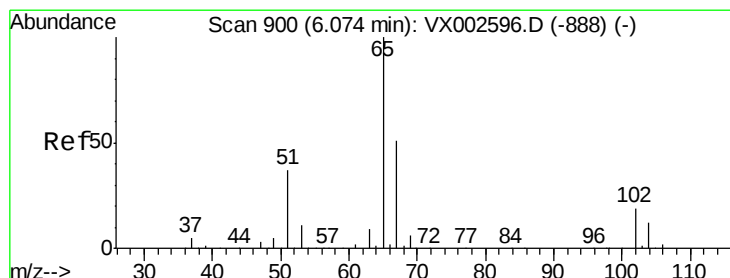
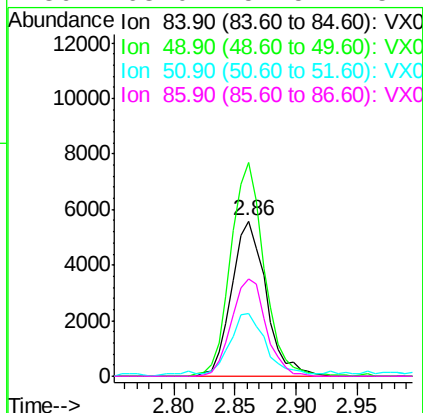
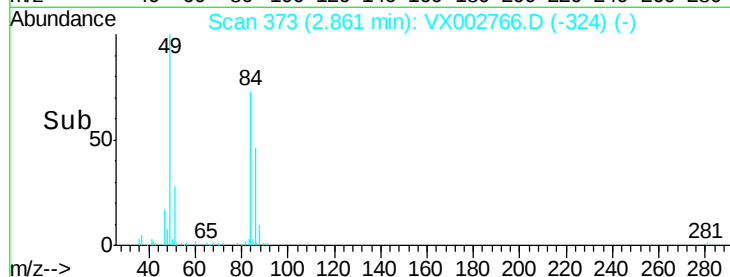
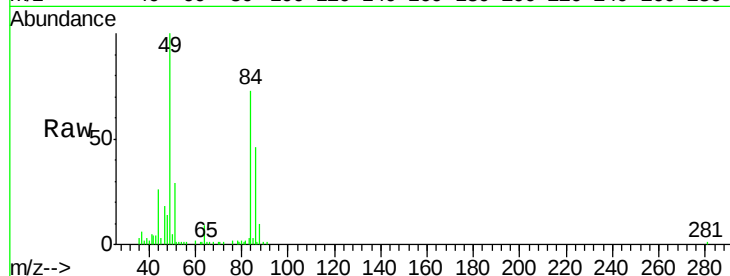
Ion Ratio Lower Upper

84 100

49 137.7 107.8 161.6

51 39.2 32.8 49.2

86 63.0 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 45.43 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002766.D

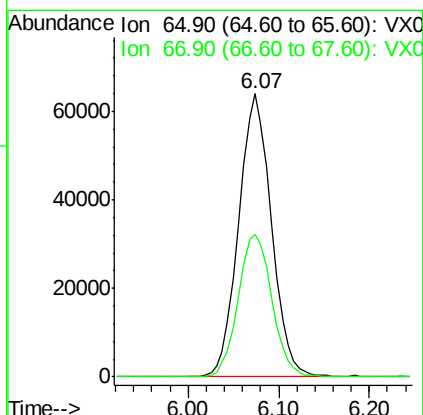
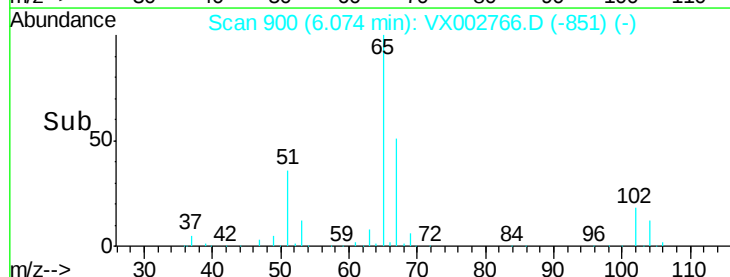
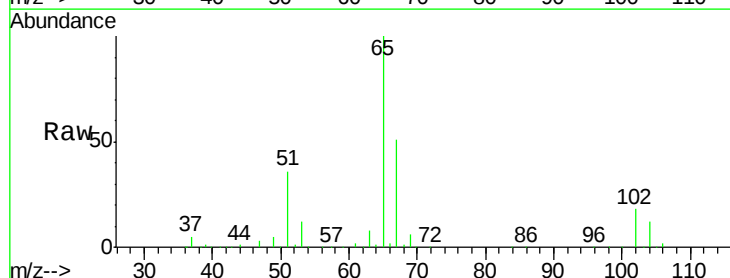
Acq: 21 Jun 2018 02:58

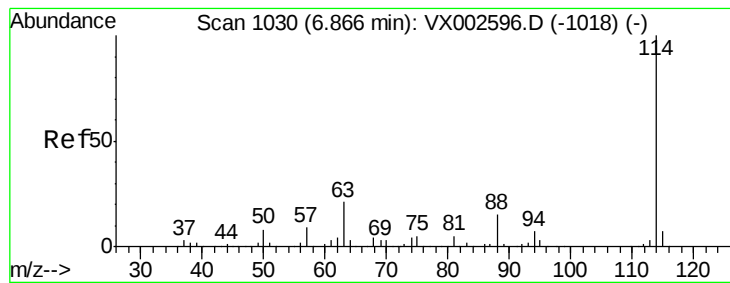
Tgt Ion: 65 Resp: 160519

Ion Ratio Lower Upper

65 100

67 51.8 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: VX002766.D

Acq: 21 Jun 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#05

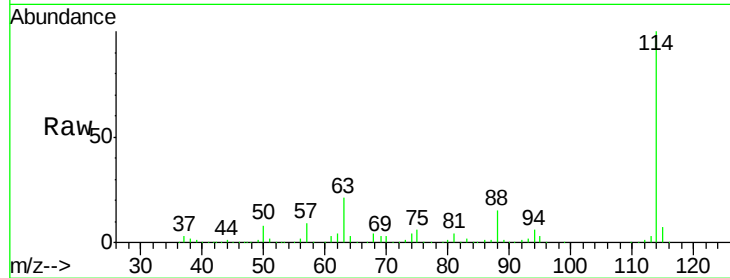
Tot Ion:114 Resp: 329447

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

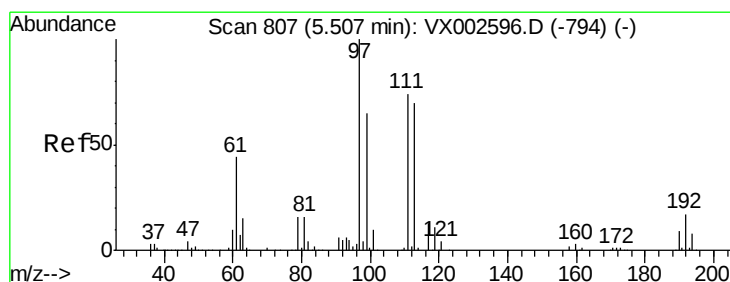
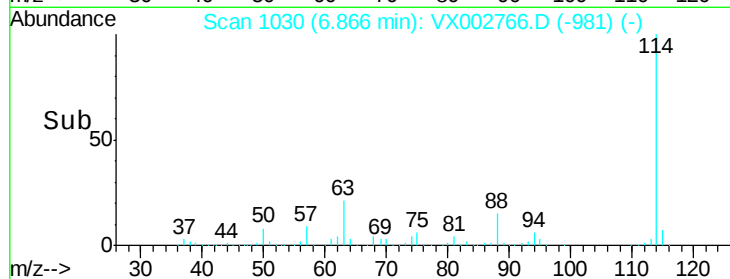
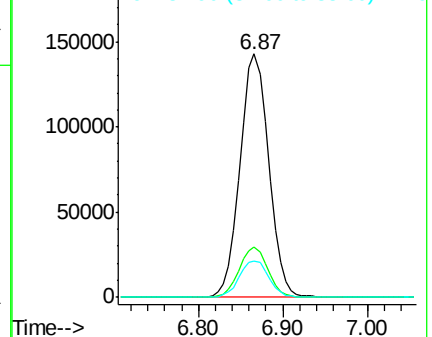
88 15.1 0.0 30.0



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: 48.76 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002766.D

Acq: 21 Jun 2018 02:58

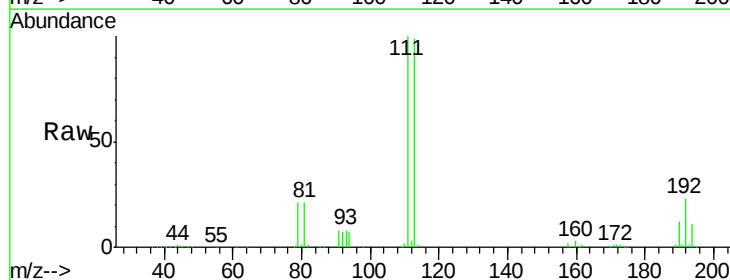
Tgt Ion:113 Resp: 128192

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

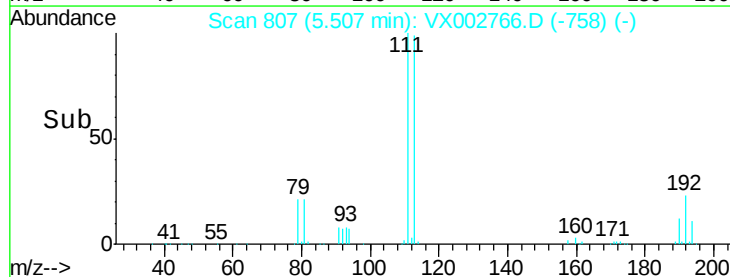
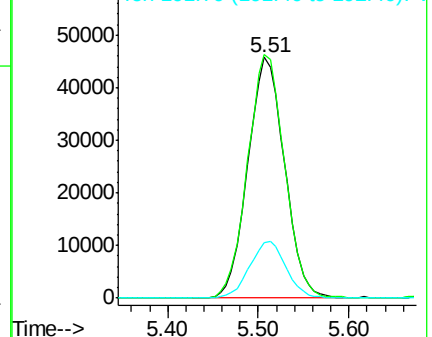
192 23.4 19.1 28.7

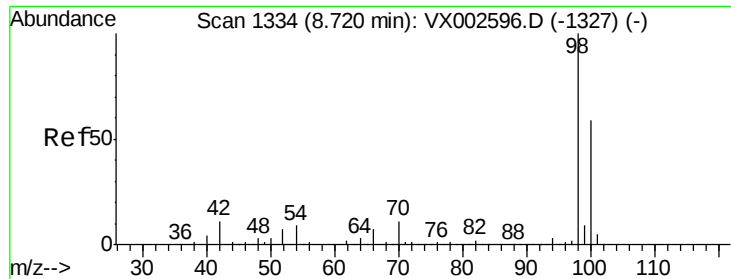


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002766.D

Acq: 21 Jun 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

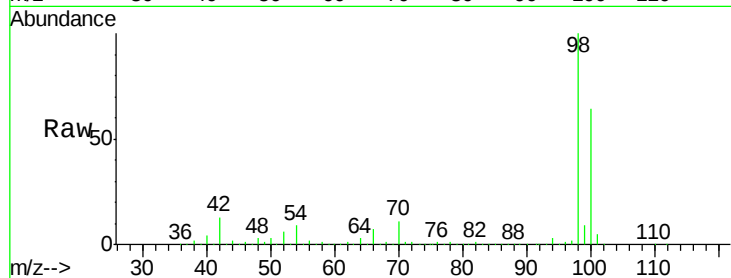
PB110408ZHE#05

Tot Ion: 98 Resp: 473858

Ion Ratio Lower Upper

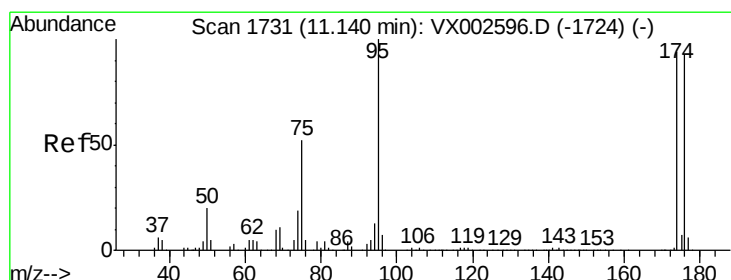
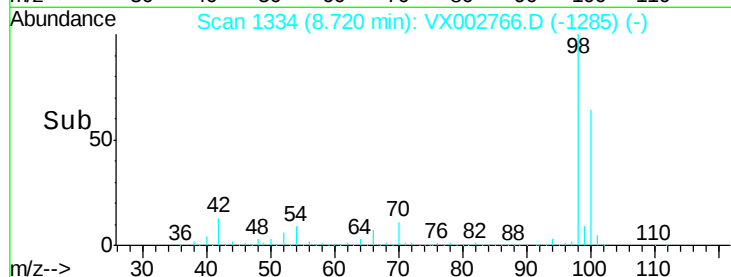
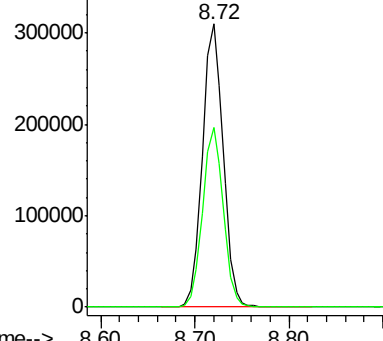
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002766.D

Acq: 21 Jun 2018 02:58

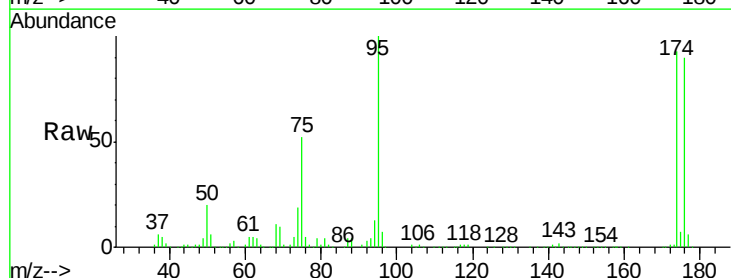
Tgt Ion: 95 Resp: 168602

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

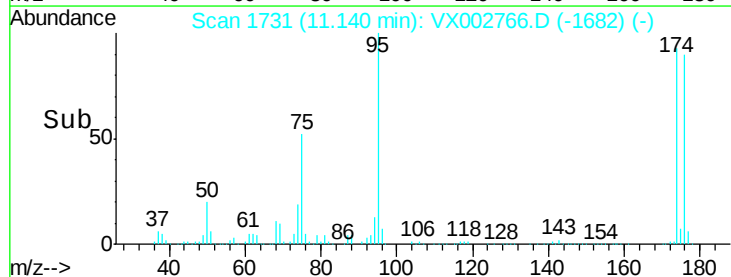
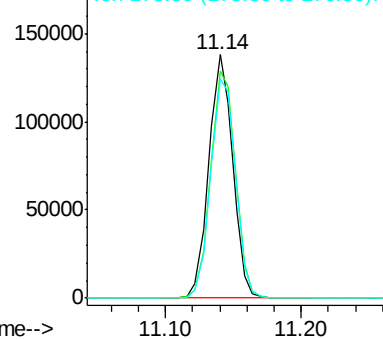
176 93.9 0.0 181.0

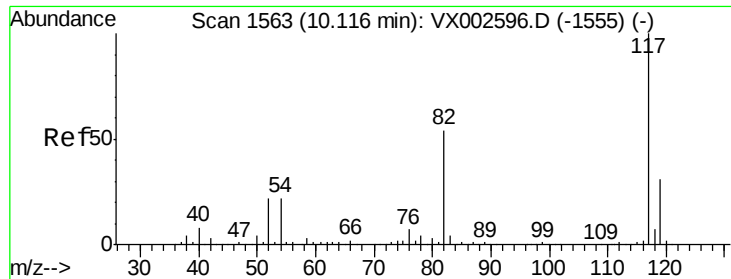


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

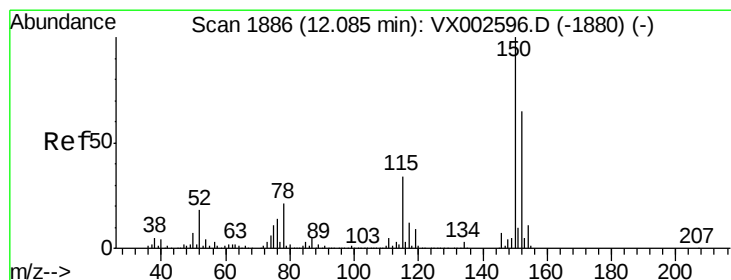
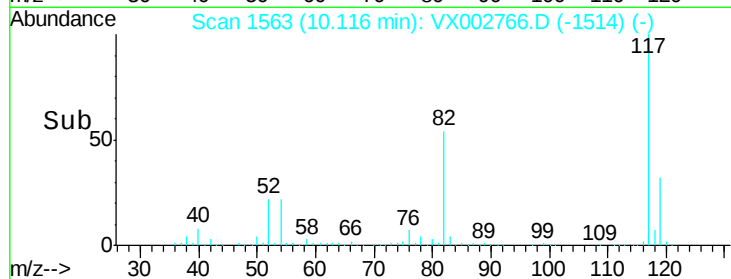
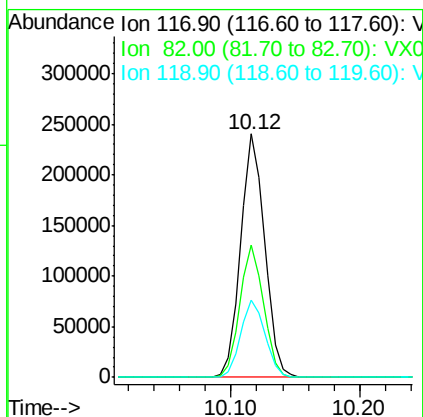
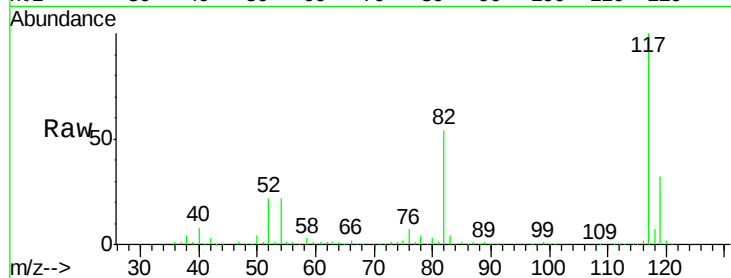




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002766.D
Acq: 21 Jun 2018 02:58

Instrument :
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PB110408ZHE#05

Tot Ion:117 Resp: 310910
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.7 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: VX002766.D
Acq: 21 Jun 2018 02:58

Tgt Ion:152 Resp: 177756
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 156.0 0.0 347.2

