

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007376.D
 Acq On : 05 Feb 2019 14:58
 Operator : JC/SP
 Sample : PB116824ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#02

Quant Time: Feb 06 01:07:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

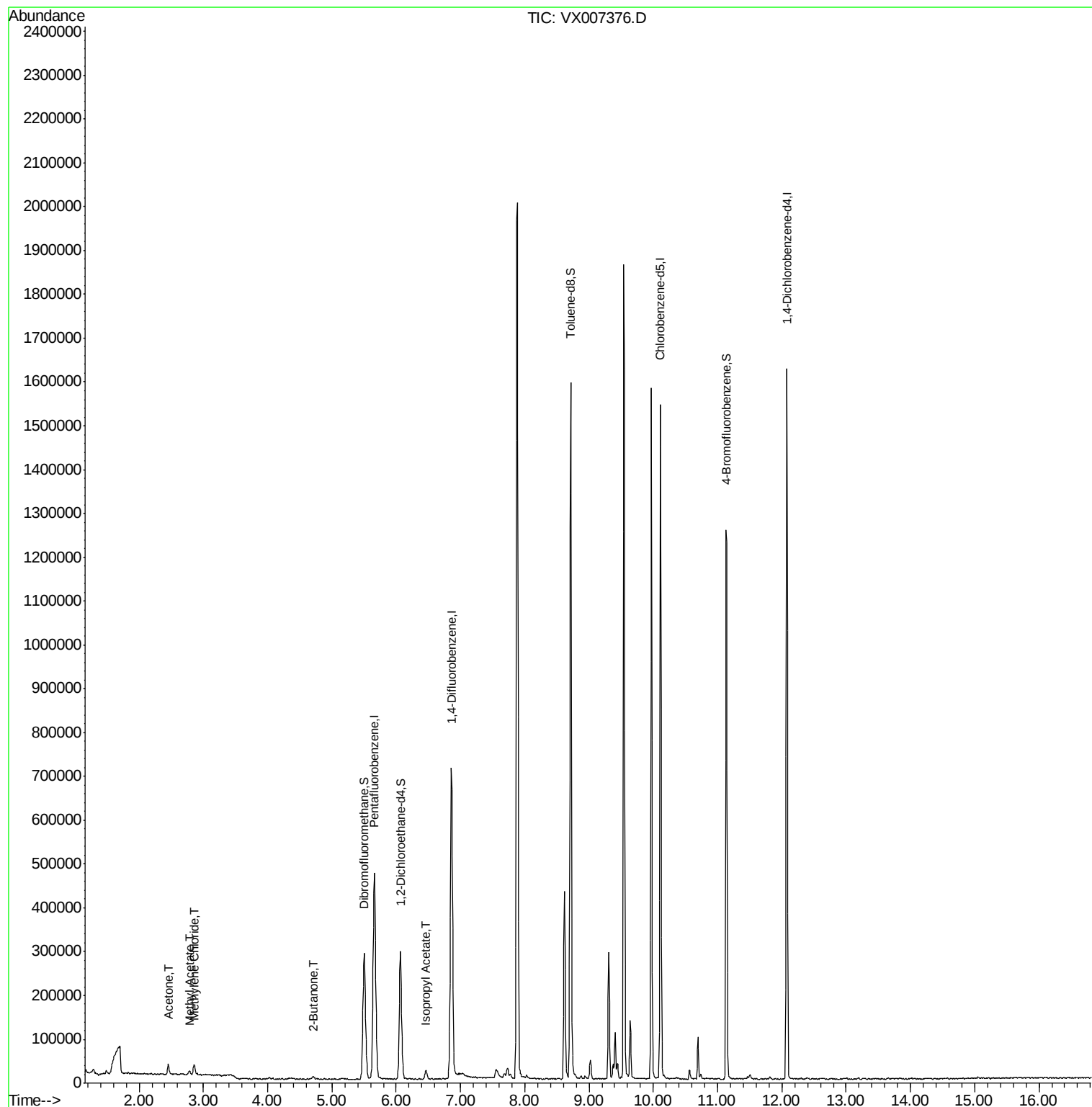
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	481917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	765616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	355658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	267992	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	241163	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	942190	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	327415	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
Target Compounds						
16) Acetone	2.45	43	26853	11.460	ug/l	91
18) Methyl Acetate	2.78	43	10782	2.338	ug/l #	78
20) Methylene Chloride	2.85	84	10597	1.835	ug/l #	85
25) 2-Butanone	4.71	43	11201	3.359	ug/l #	85
43) Isopropyl Acetate	6.46	43	26143	2.439	ug/l	96

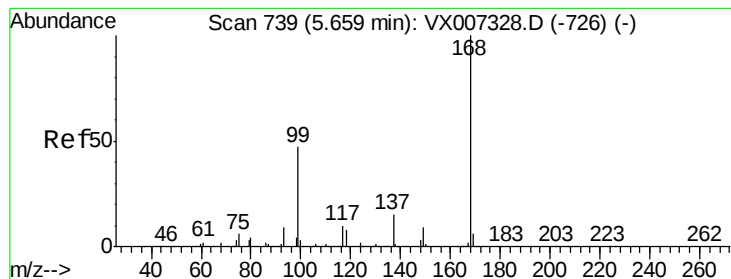
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

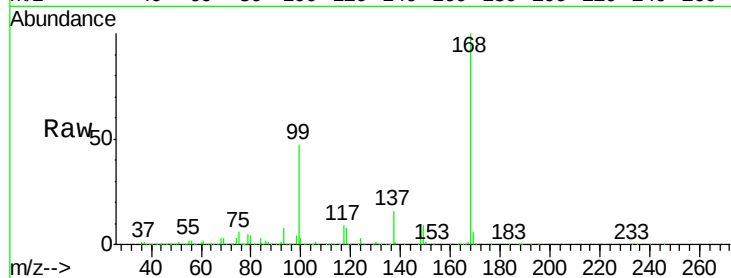
PB116824ZHE#02

Tot Ion:168 Resp: 481917

Ion Ratio Lower Upper

168 100

99 47.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

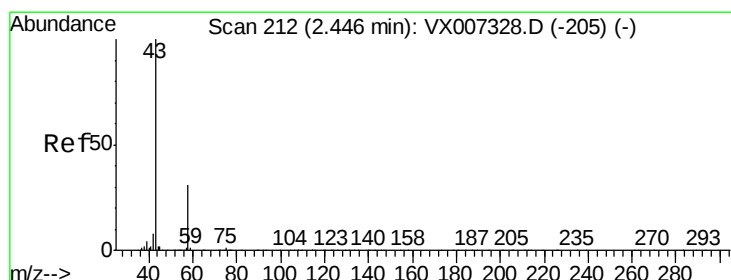
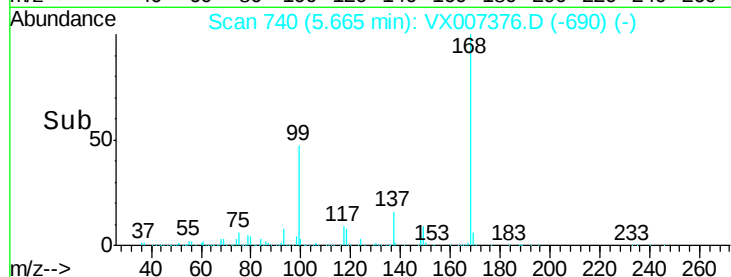
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.460 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007376.D

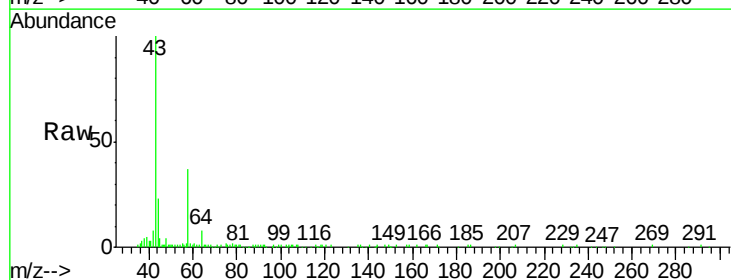
Acq: 05 Feb 2019 14:58

Tgt Ion: 43 Resp: 26853

Ion Ratio Lower Upper

43 100

58 36.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

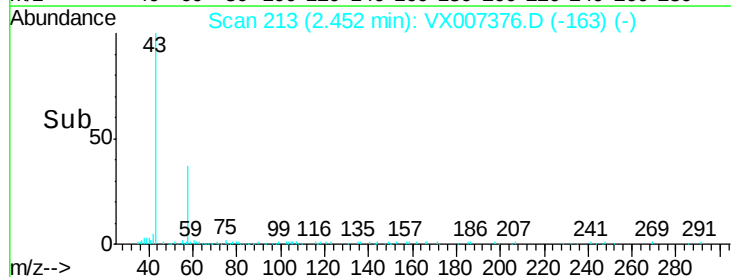
15000

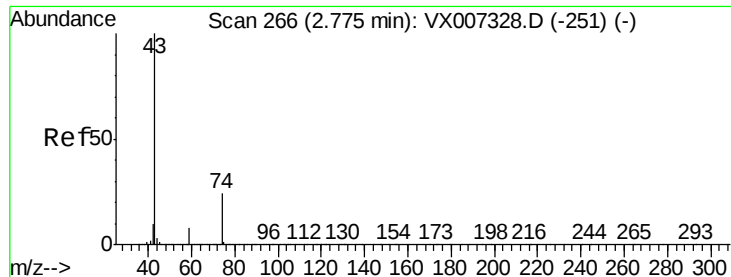
10000

5000

0

Time--> 2.35 2.40 2.45 2.50





#18

Methyl Acetate

Concen: 2.338 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

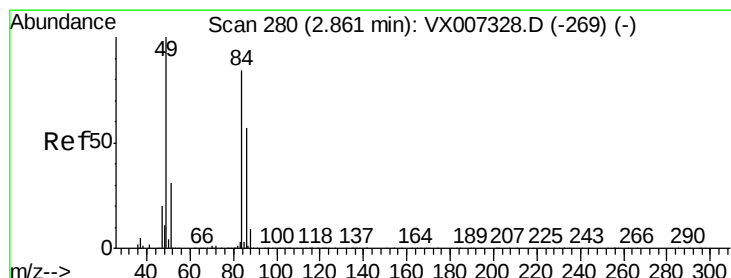
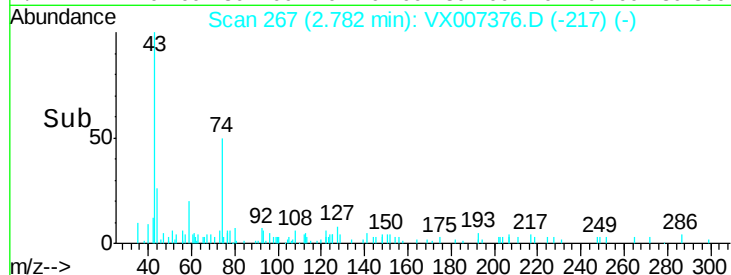
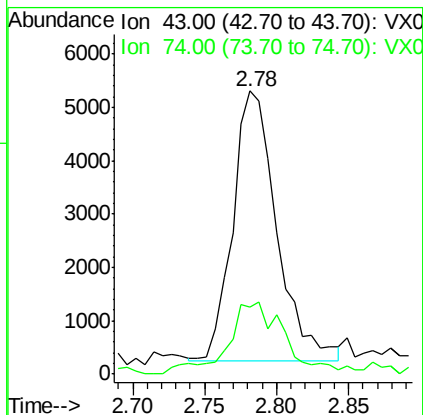
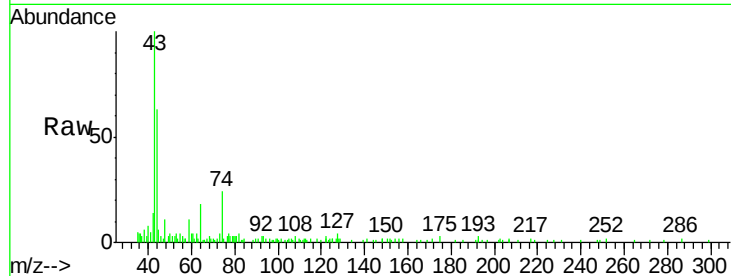
PB116824ZHE#02

Tot Ion: 43 Resp: 10782

Ion Ratio Lower Upper

43 100

74 35.2 19.4 29.2#



#20

Methylene Chloride

Concen: 1.835 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Tgt Ion: 84 Resp: 10597

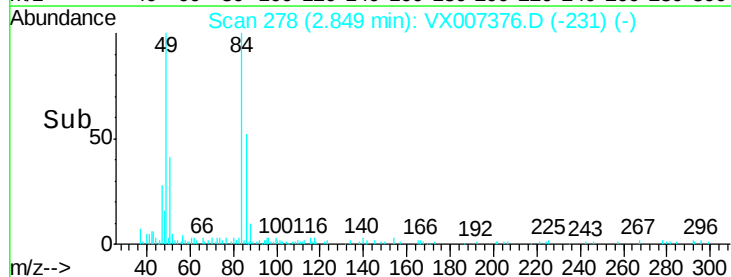
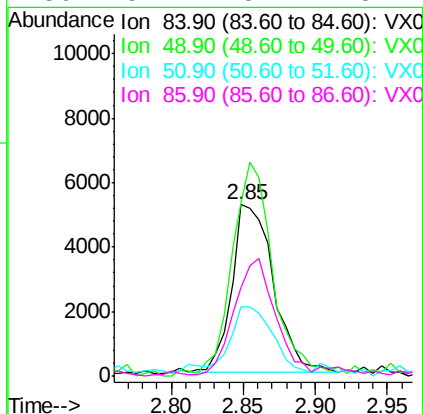
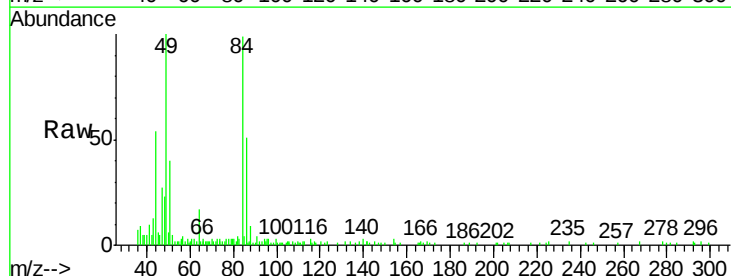
Ion Ratio Lower Upper

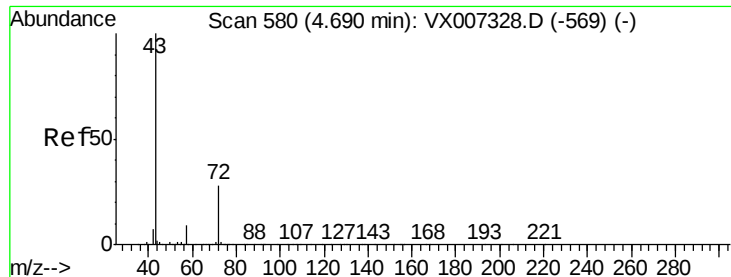
84 100

49 100.1 94.8 142.2

51 35.3 29.8 44.8

86 51.4 54.1 81.1#





#25

2-Butanone

Concen: 3.359 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

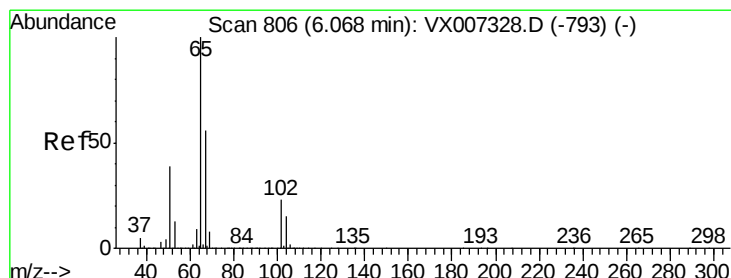
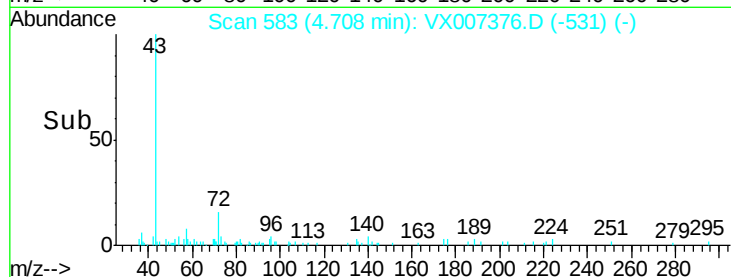
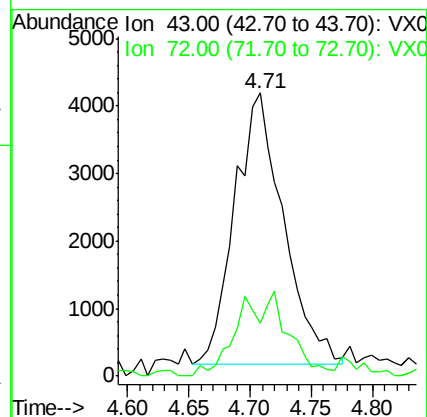
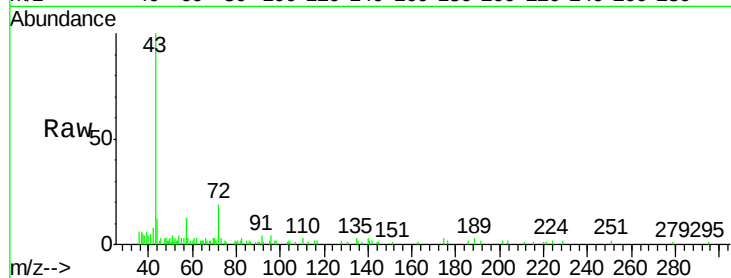
PB116824ZHE#02

Tot Ion: 43 Resp: 11201

Ion Ratio Lower Upper

43 100

72 19.7 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 52.392 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007376.D

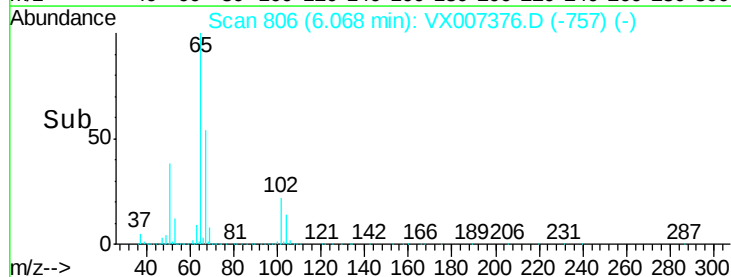
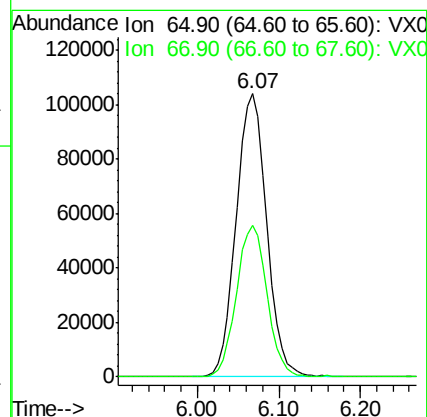
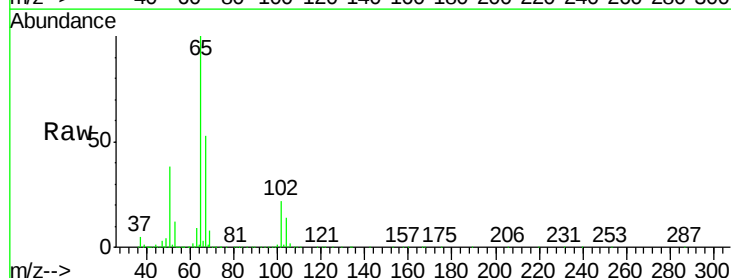
Acq: 05 Feb 2019 14:58

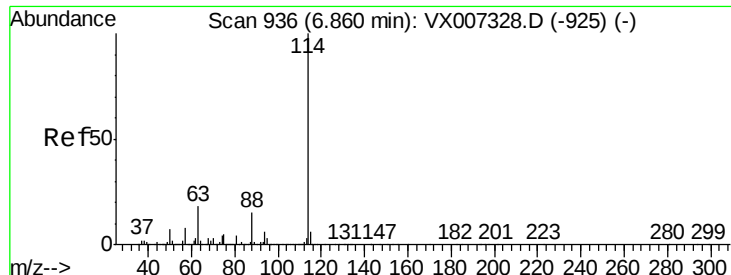
Tgt Ion: 65 Resp: 267992

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#02

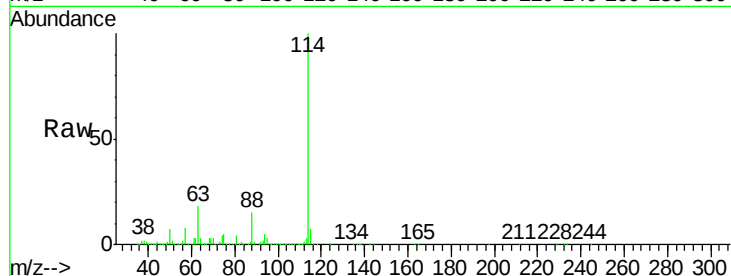
Tot Ion:114 Resp: 765616

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

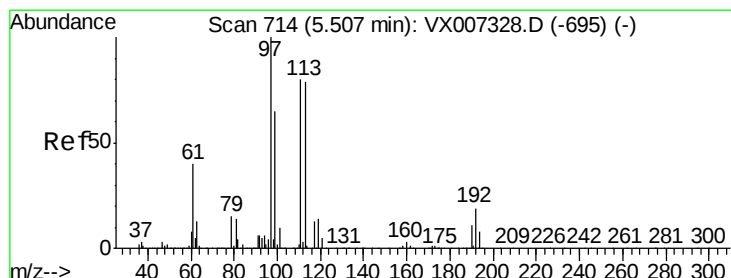
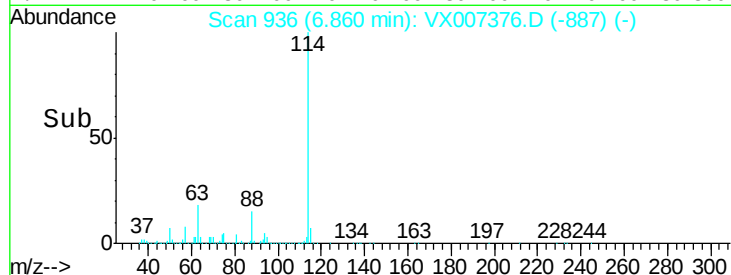
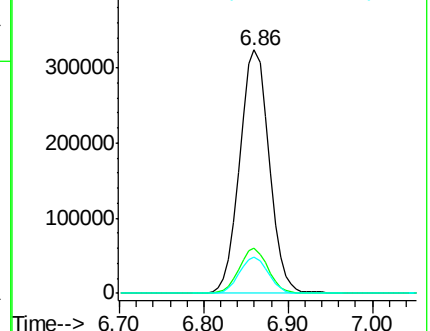
88 14.8 0.0 29.6



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: 48.411 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

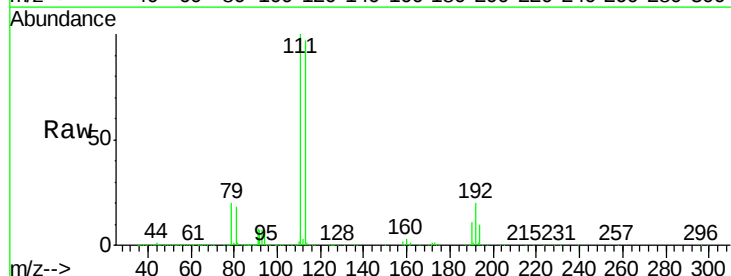
Tgt Ion:113 Resp: 241163

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

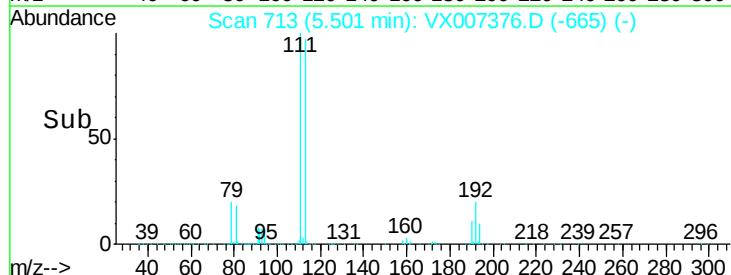
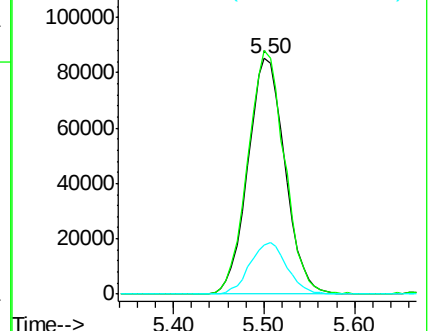
192 22.0 18.5 27.7

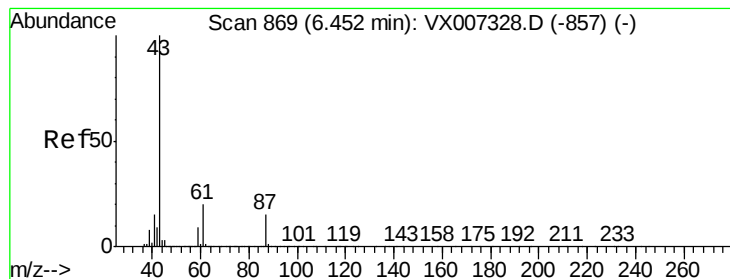


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.439 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#02

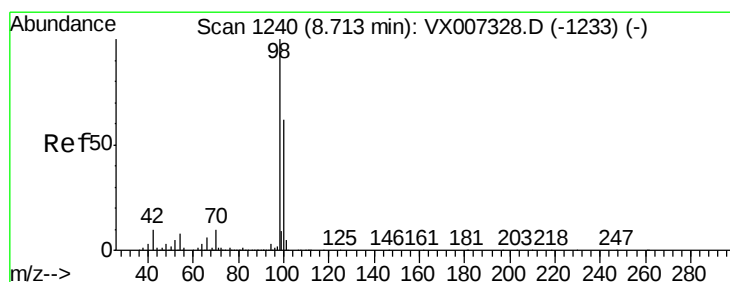
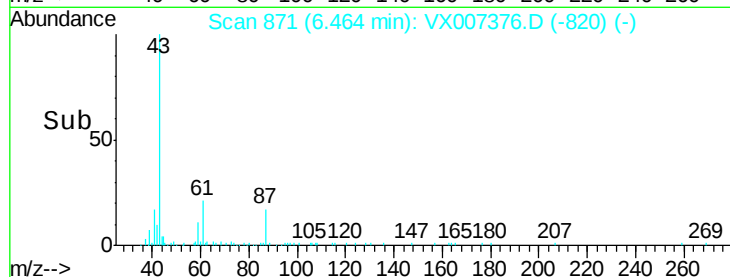
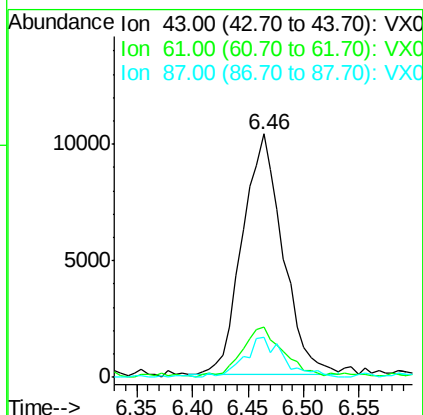
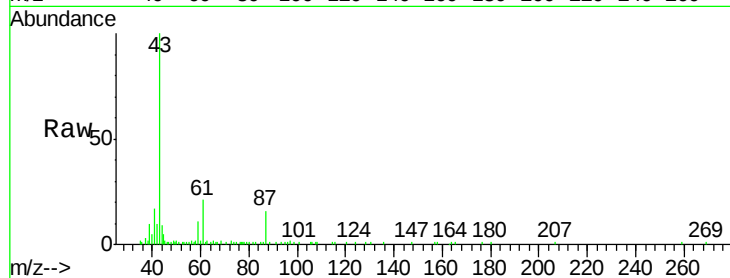
Tot Ion: 43 Resp: 26143

Ion Ratio Lower Upper

43 100

61 21.7 16.1 24.1

87 16.3 11.5 17.3



#50

Toluene-d8

Concen: 50.977 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007376.D

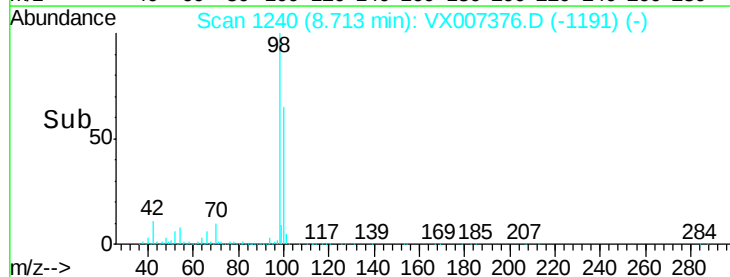
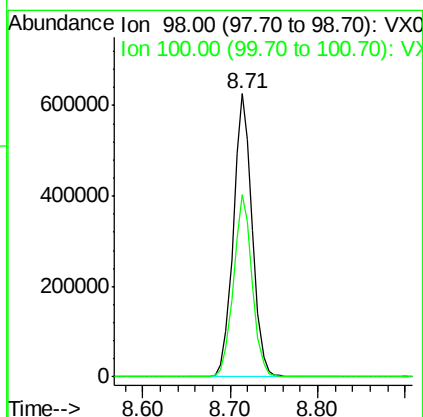
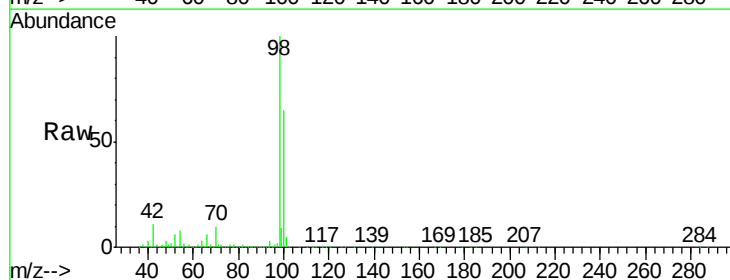
Acq: 05 Feb 2019 14:58

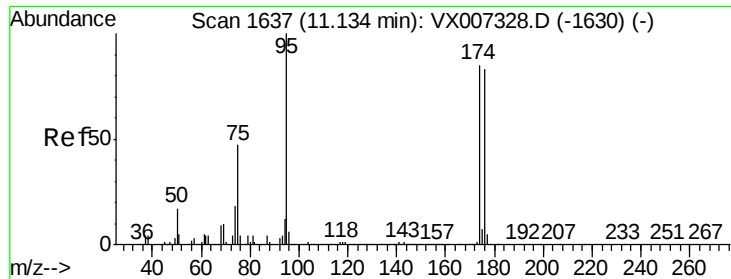
Tgt Ion: 98 Resp: 942190

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 48.520 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#02

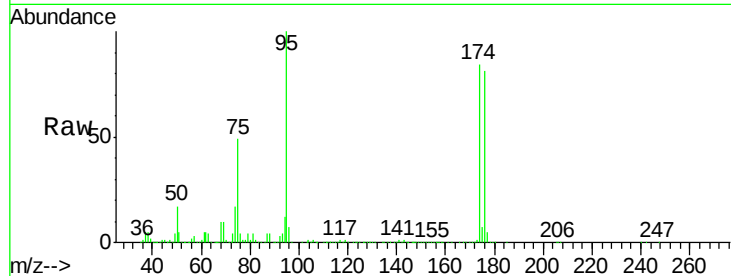
Tot Ion: 95 Resp: 327415

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

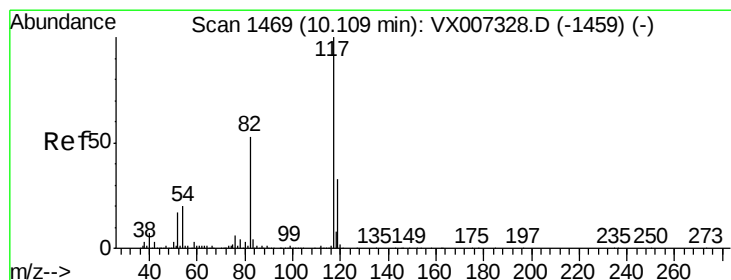
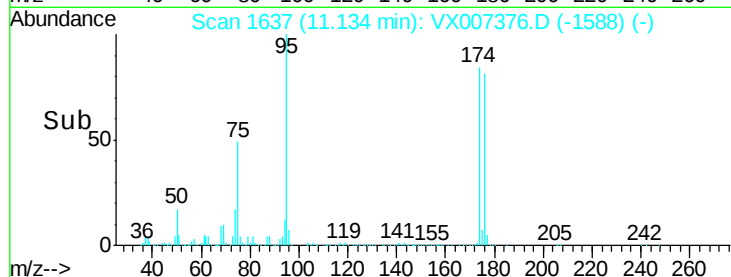
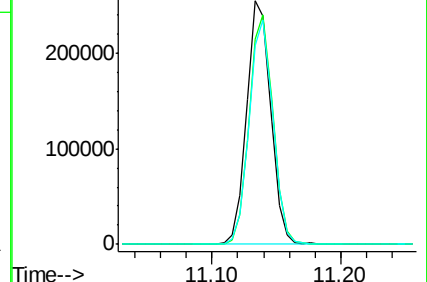
176 90.6 0.0 186.2



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007376.D

Acq: 05 Feb 2019 14:58

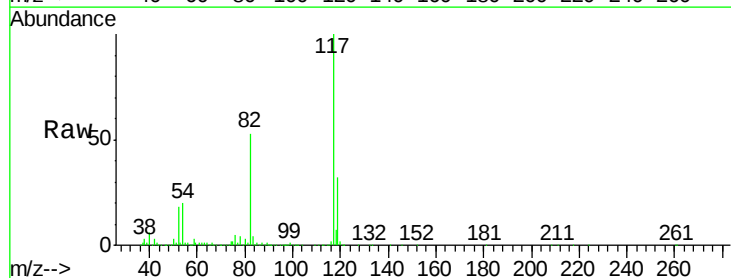
Tgt Ion: 117 Resp: 732630

Ion Ratio Lower Upper

117 100

82 53.3 42.1 63.1

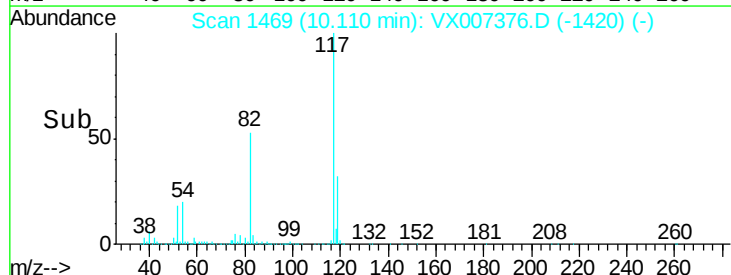
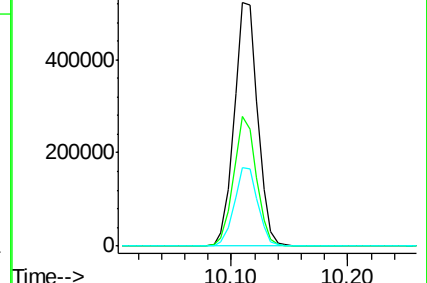
119 32.2 26.5 39.7

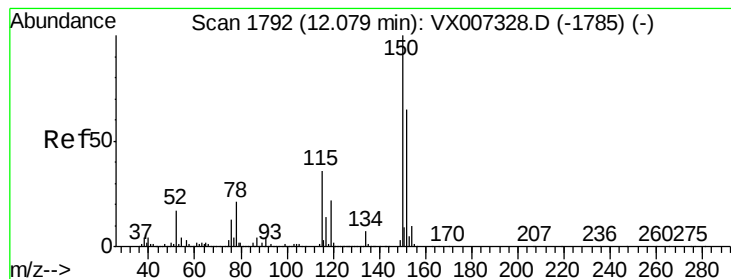


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007376.D

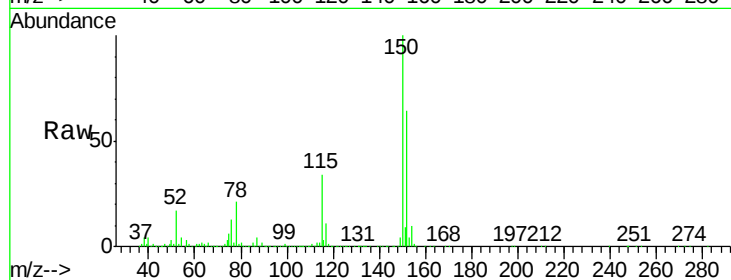
Acq: 05 Feb 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#02



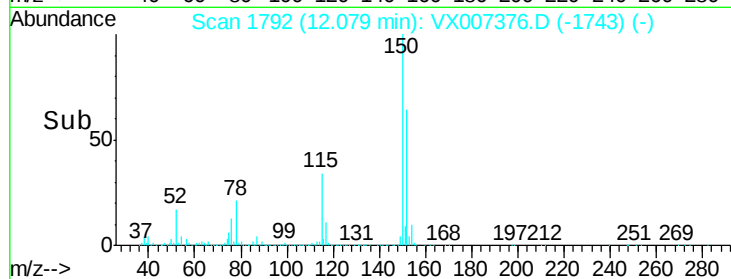
Tot Ion:152 Resp: 355658

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

150 155.1 0.0 346.4



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

