

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007356.D
 Acq On : 04 Feb 2019 13:50
 Operator : JC/SP
 Sample : PB116780ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116780ZHE#01

Quant Time: Feb 05 00:23:34 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

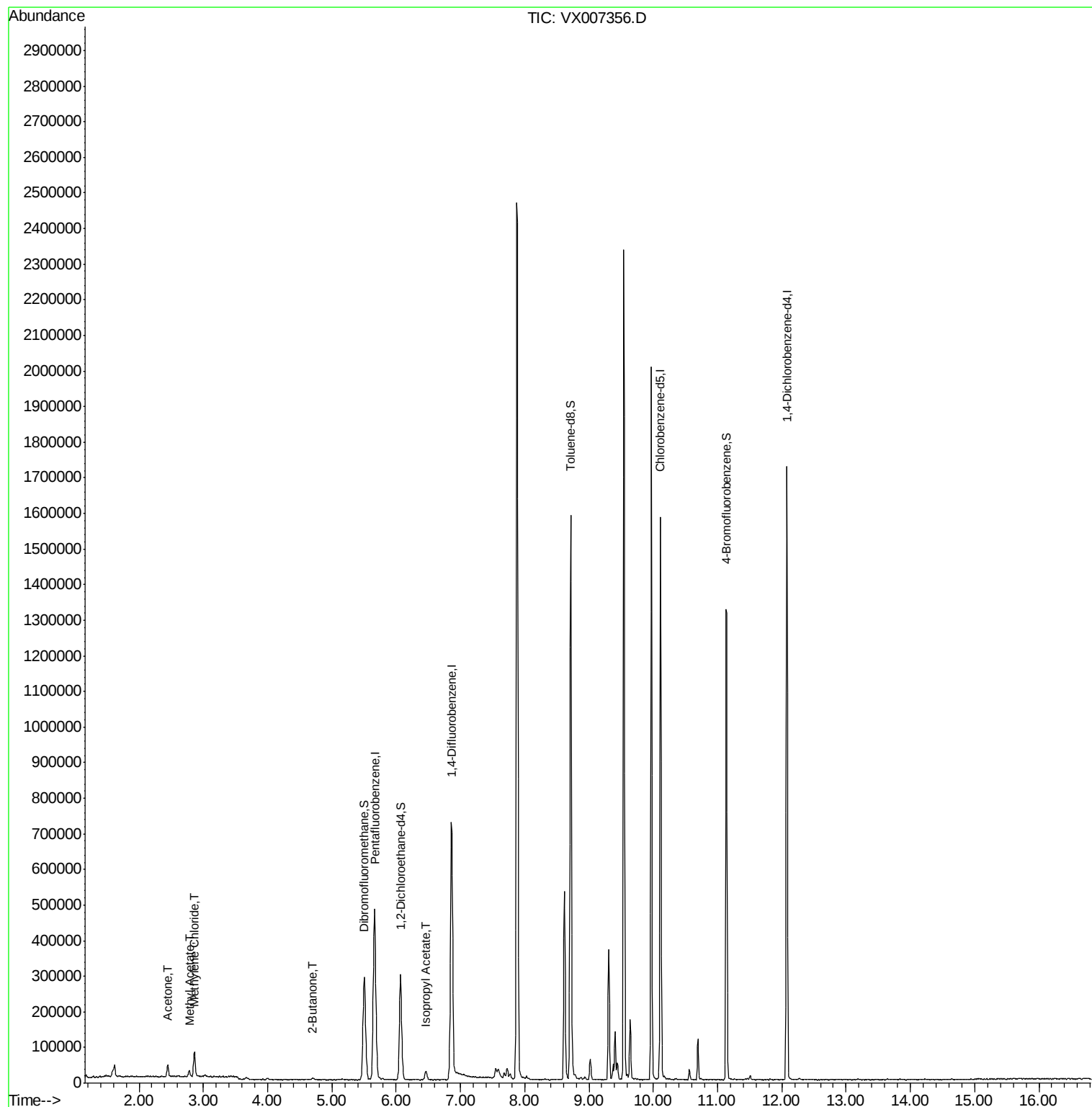
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	495802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	761579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	267094	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
35) Dibromofluoromethane	5.50	113	244212	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	962095	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.13	95	346241	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
16) Acetone	2.45	43	35632	14.781	ug/l	94
18) Methyl Acetate	2.78	43	20824	3.869	ug/l	99
20) Methylene Chloride	2.86	84	32486	6.254	ug/l	99
25) 2-Butanone	4.70	43	9119	2.658	ug/l #	89
43) Isopropyl Acetate	6.46	43	34126	3.177	ug/l	100

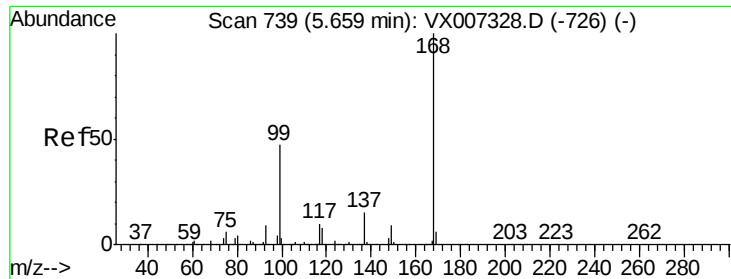
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
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: VX007356.D

Acq: 04 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

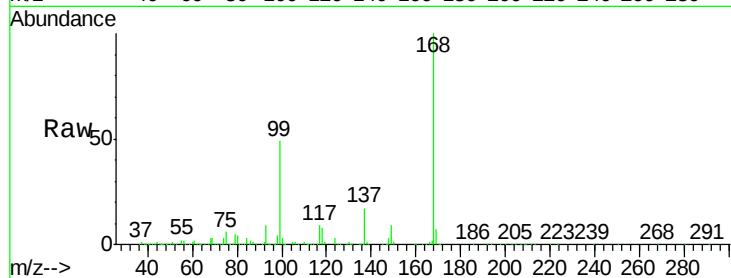
PB116780ZHE#01

Tot Ion:168 Resp: 495802

Ion Ratio Lower Upper

168 100

99 49.1 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

200000

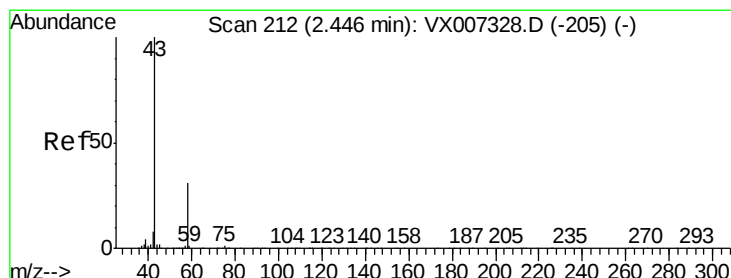
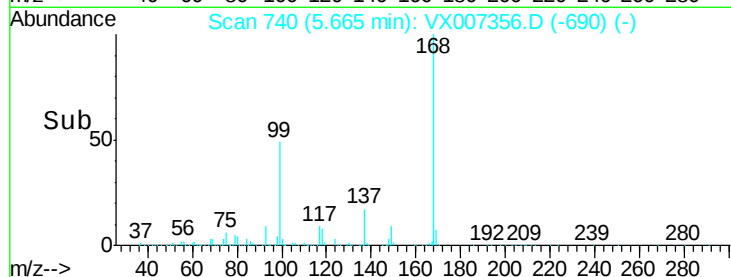
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.781 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007356.D

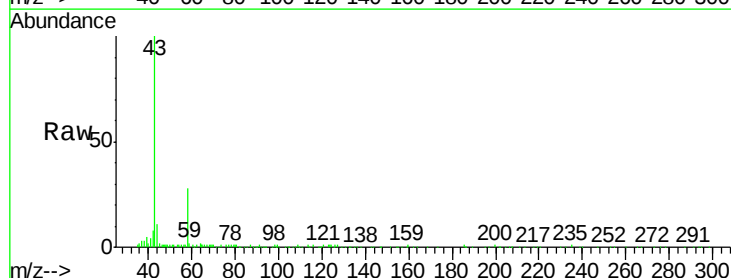
Acq: 04 Feb 2019 13:50

Tgt Ion: 43 Resp: 35632

Ion Ratio Lower Upper

43 100

58 27.6 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

25000

20000

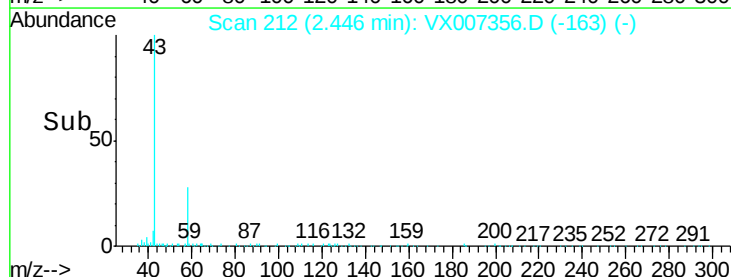
15000

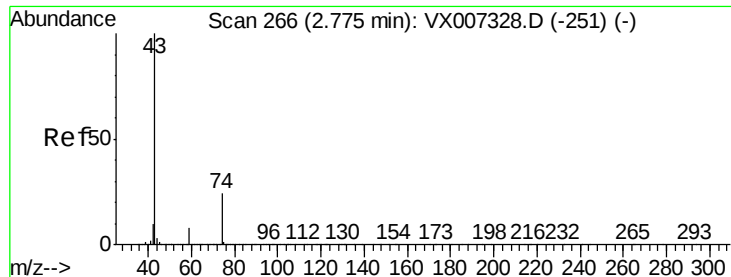
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 3.869 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

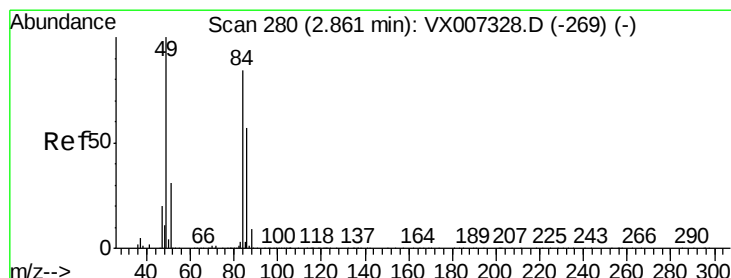
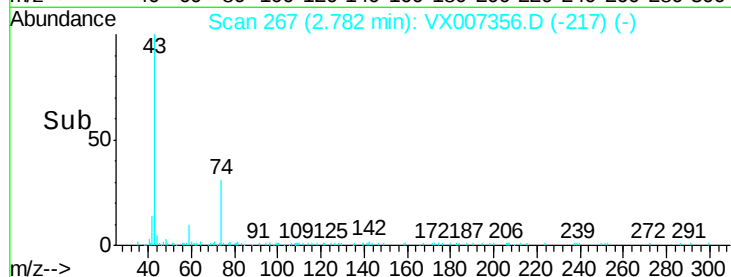
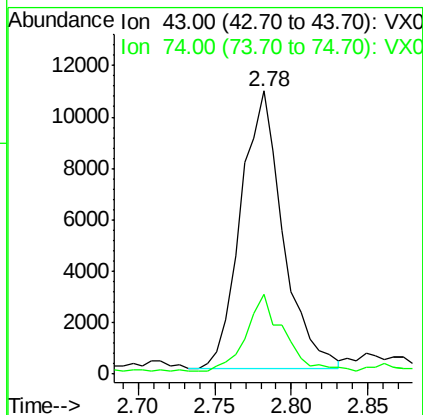
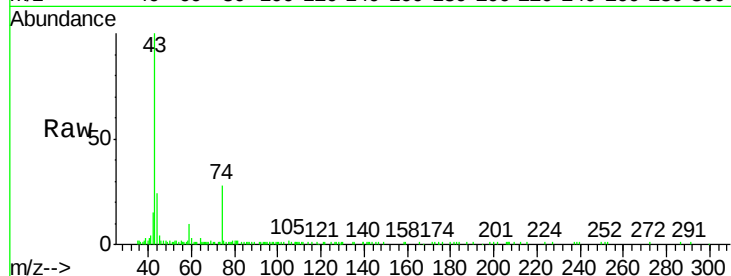
PB116780ZHE#01

Tot Ion: 43 Resp: 20824

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.2



#20

Methylene Chloride

Concen: 6.254 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

Tgt Ion: 84 Resp: 32486

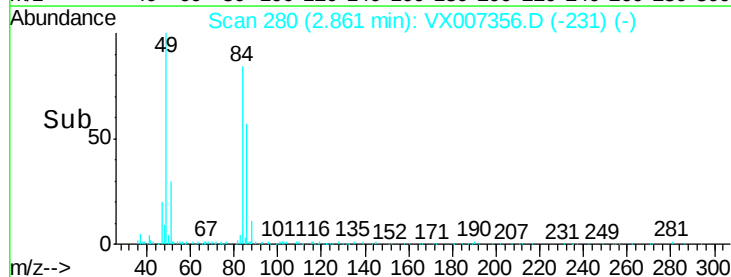
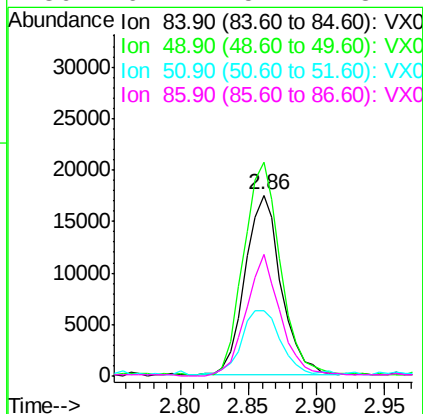
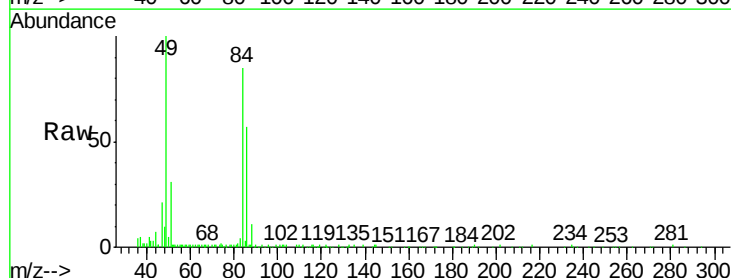
Ion Ratio Lower Upper

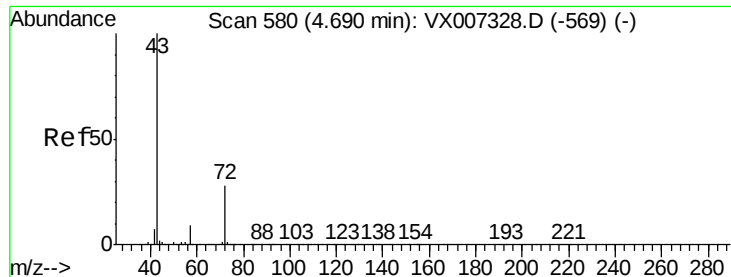
84 100

49 117.4 94.8 142.2

51 35.9 29.8 44.8

86 67.7 54.1 81.1





#25

2-Butanone

Concen: 2.658 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

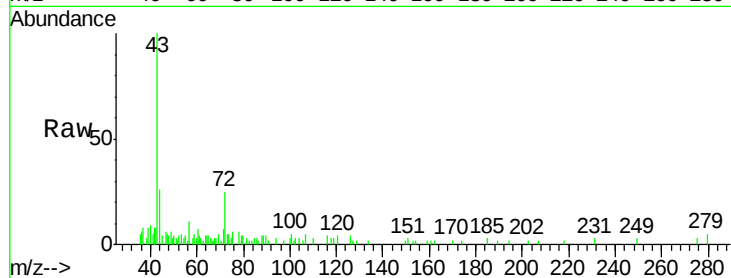
PB116780ZHE#01

Tot Ion: 43 Resp: 9119

Ion Ratio Lower Upper

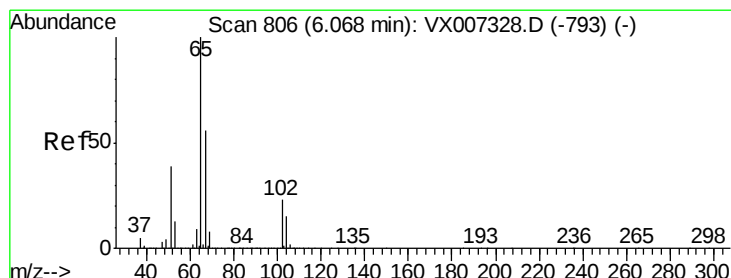
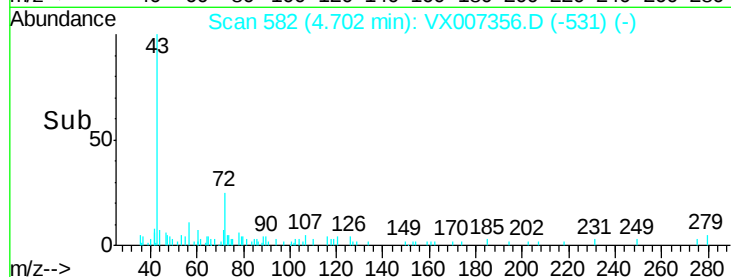
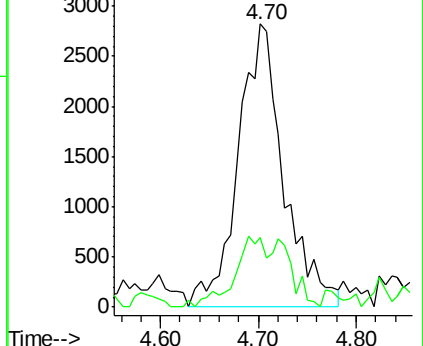
43 100

72 22.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.754 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007356.D

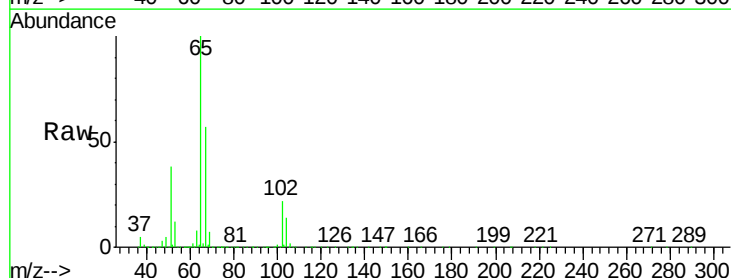
Acq: 04 Feb 2019 13:50

Tgt Ion: 65 Resp: 267094

Ion Ratio Lower Upper

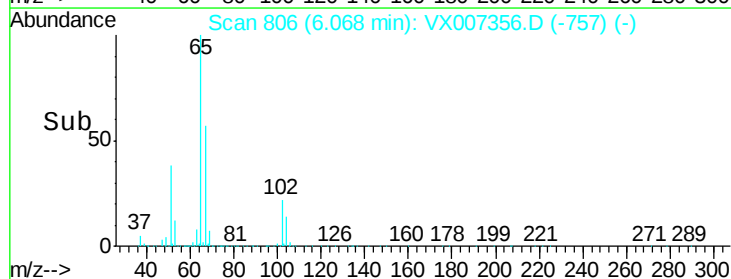
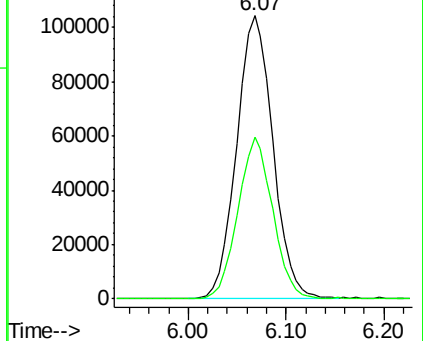
65 100

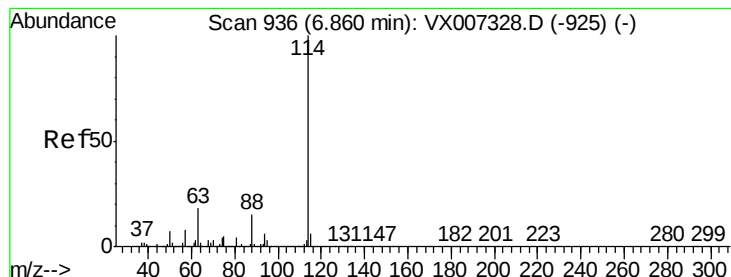
67 55.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#01

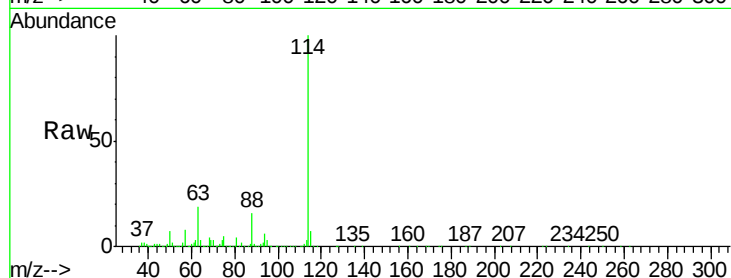
Tot Ion:114 Resp: 767333

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

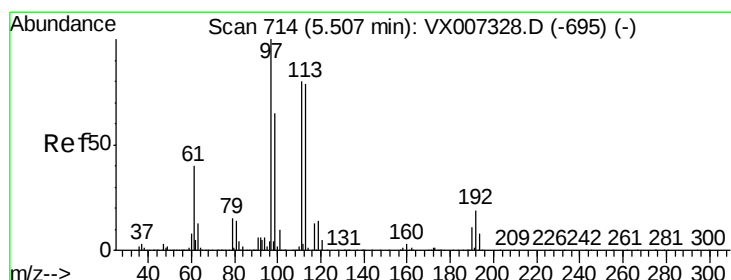
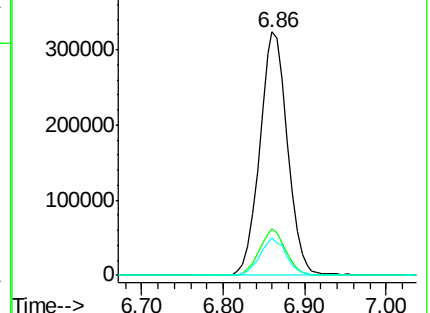
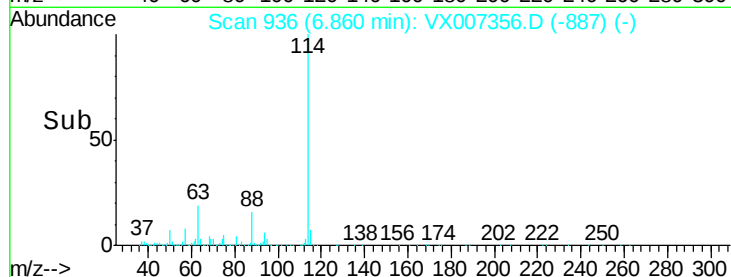
88 15.6 0.0 29.6



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: 48.913 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

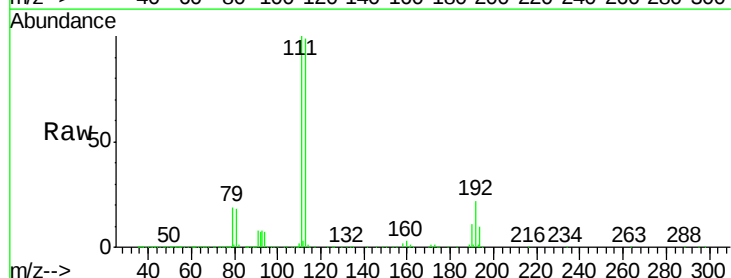
Tgt Ion:113 Resp: 244212

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

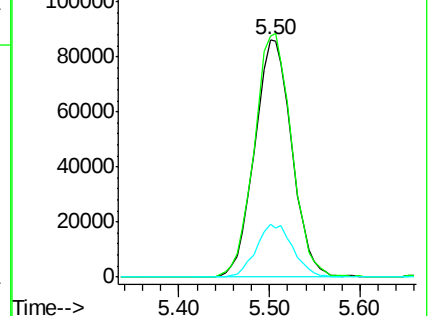
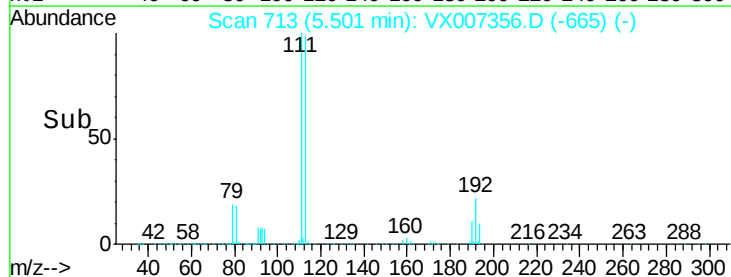
192 22.2 18.5 27.7

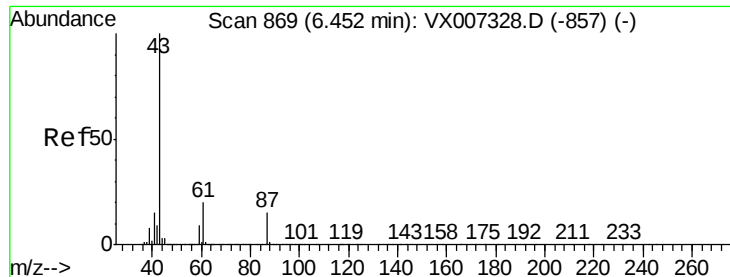


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



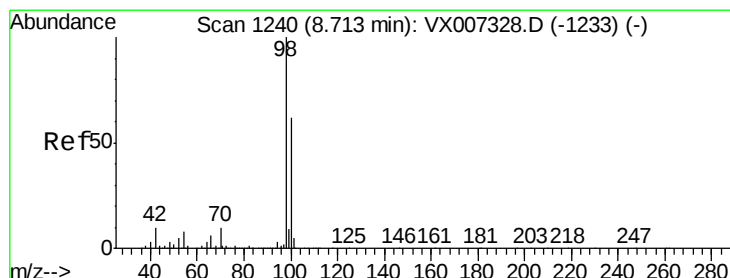
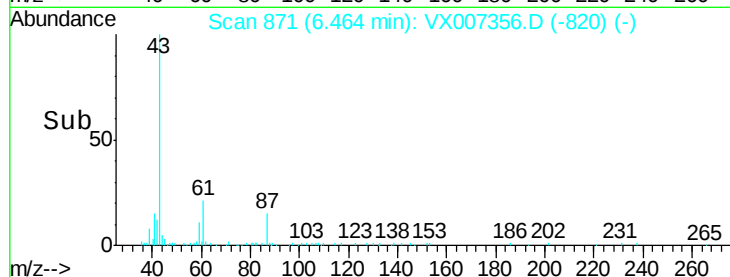
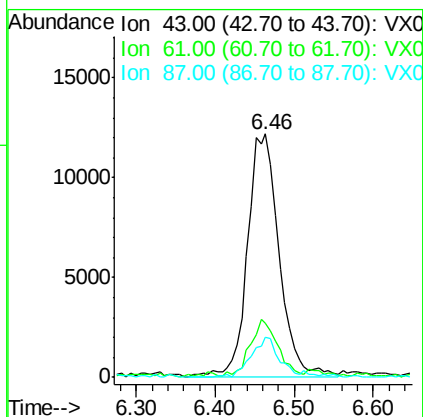
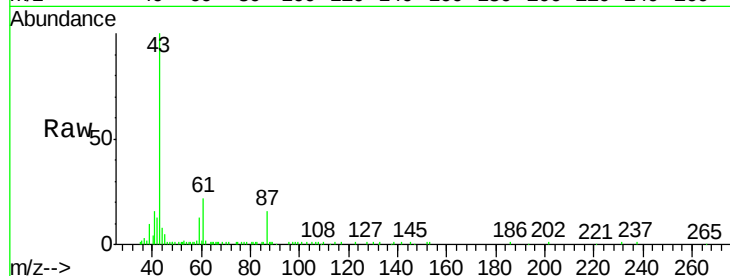


#43

Isopropyl Acetate
 Concen: 3.177 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007356.D
 Acq: 04 Feb 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116780ZHE#01

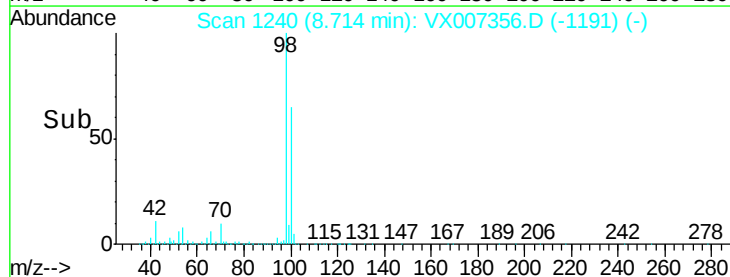
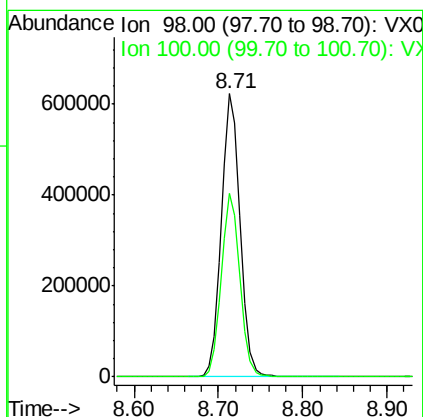
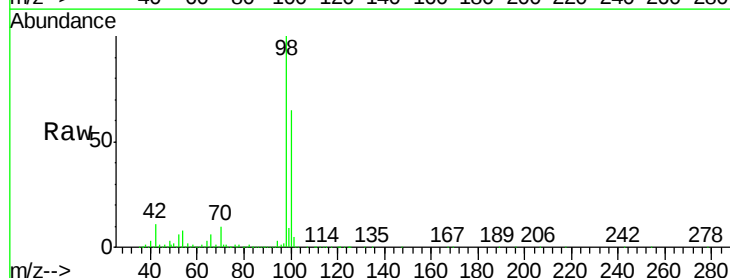
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	14.5	11.5	17.3

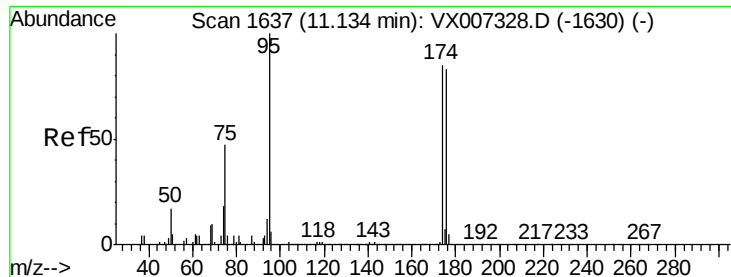


#50

Toluene-d8
 Concen: 51.938 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007356.D
 Acq: 04 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 51.195 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#01

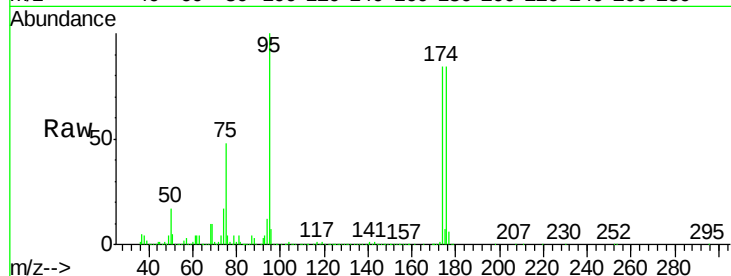
Tot Ion: 95 Resp: 346241

Ion Ratio Lower Upper

95 100

174 92.8 0.0 189.2

176 89.3 0.0 186.2

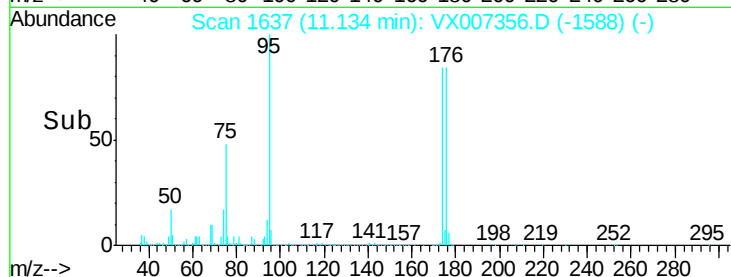


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->

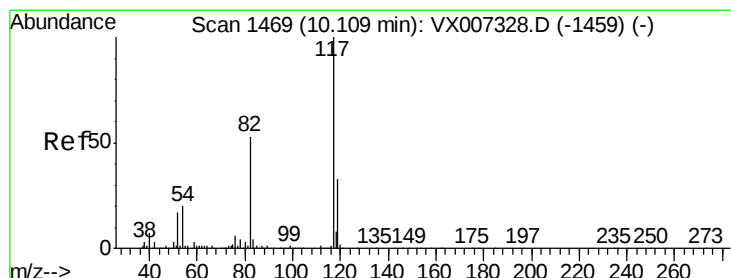


Abundance Ion 94.90 (94.60 to 95.60): VX007356.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007356.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007356.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007356.D

Acq: 04 Feb 2019 13:50

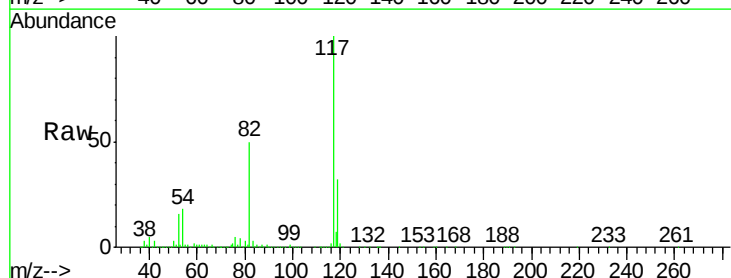
Tgt Ion: 117 Resp: 761579

Ion Ratio Lower Upper

117 100

82 50.0 42.1 63.1

119 32.0 26.5 39.7

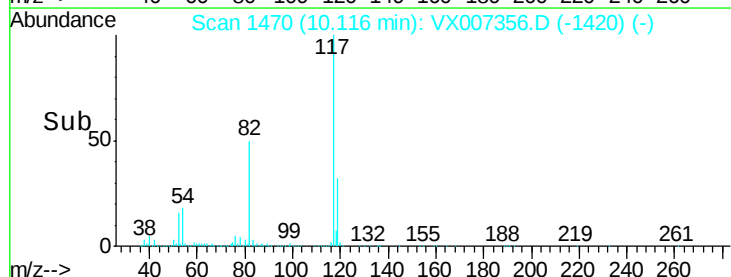


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->

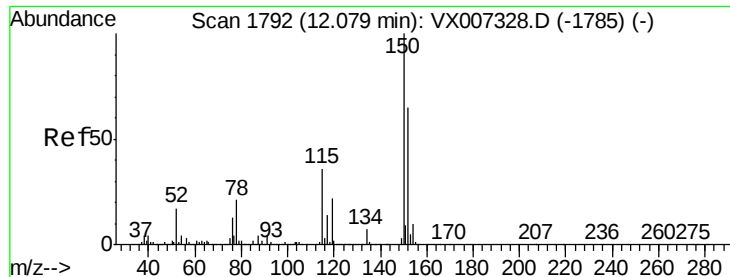


Abundance Ion 116.90 (116.60 to 117.60): VX007356.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007356.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007356.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007356.D

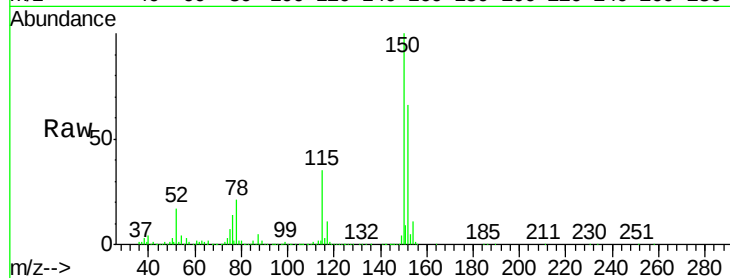
Acq: 04 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#01



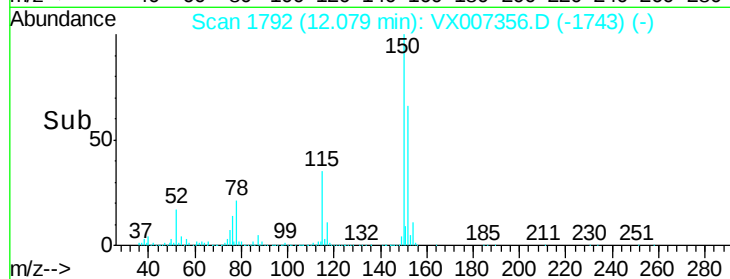
Tot Ion:152 Resp: 369998

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 156.9 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

600000

500000

400000

300000

200000

100000

0

12.00 12.10 12.20

Time-->