

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007380.D
 Acq On : 05 Feb 2019 16:45
 Operator : JC/SP
 Sample : PB116824ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#06

Quant Time: Feb 06 01:18:41 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	5.66	168	466937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	721644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334196	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	257500	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	5.50	113	228715	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	879830	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	296012	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	

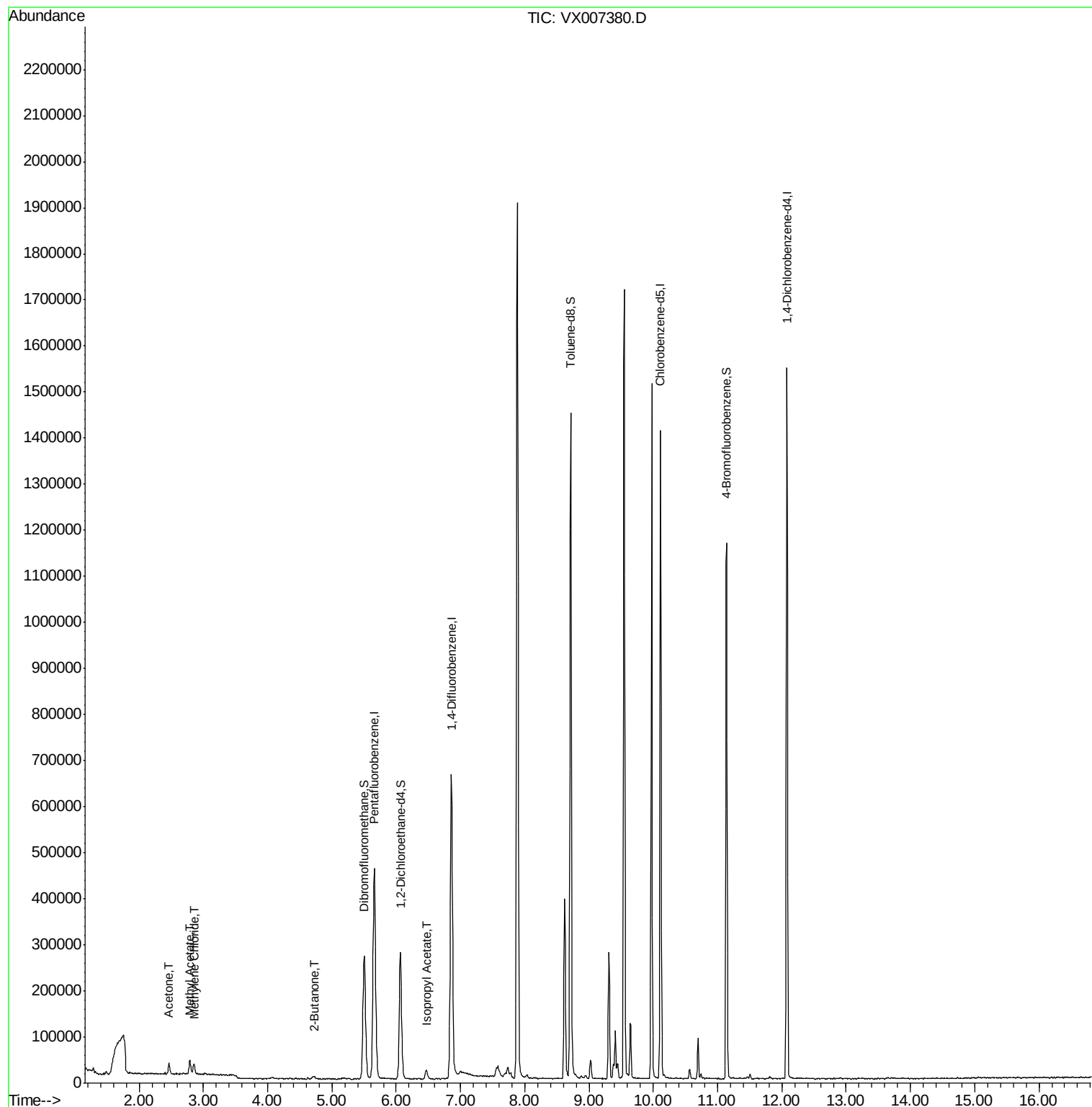
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.46	43	27492	12.109	ug/l	94
18) Methyl Acetate	2.79	43	43974	7.939	ug/l	98
20) Methylene Chloride	2.85	84	10663	1.921	ug/l	94
25) 2-Butanone	4.72	43	10892	3.371	ug/l	90
43) Isopropyl Acetate	6.47	43	25737	2.548	ug/l	94

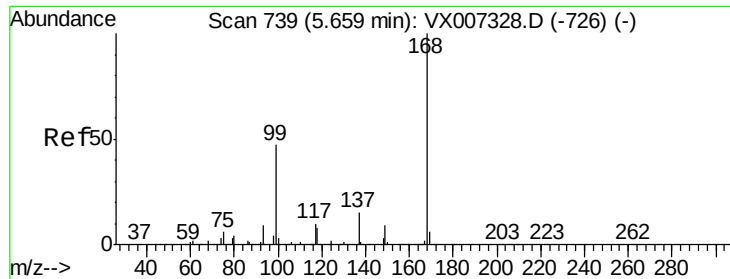
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

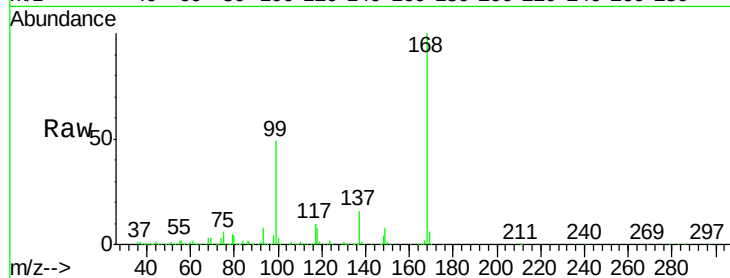
PB116824ZHE#06

Tot Ion:168 Resp: 466937

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

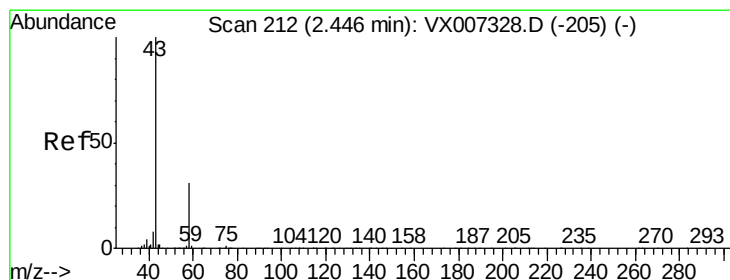
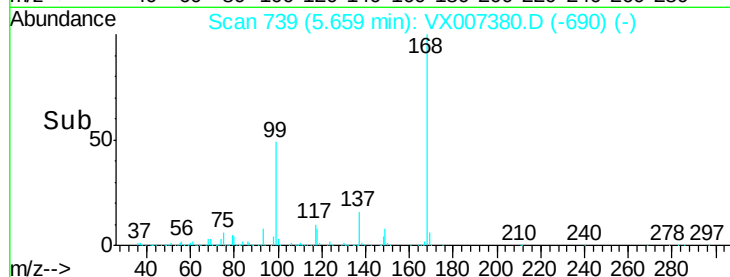
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.109 ug/l

RT: 2.46 min Scan# 215

Delta R.T. 0.02 min

Lab File: VX007380.D

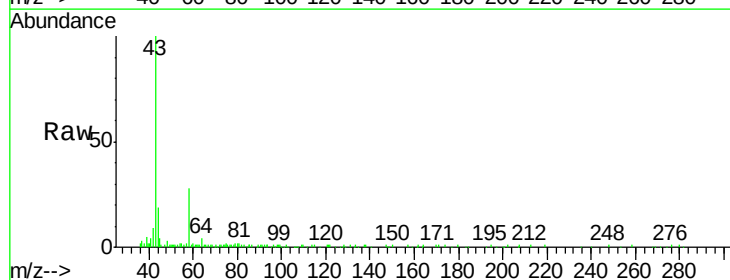
Acq: 05 Feb 2019 16:45

Tgt Ion: 43 Resp: 27492

Ion Ratio Lower Upper

43 100

58 27.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.46

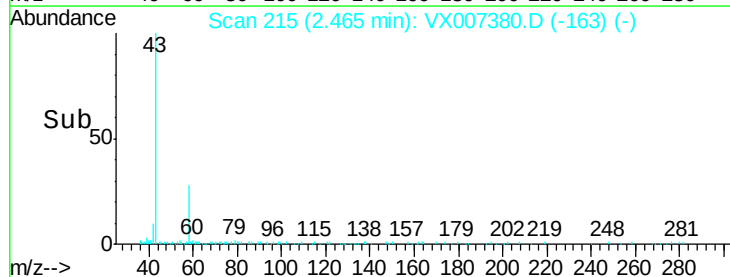
15000

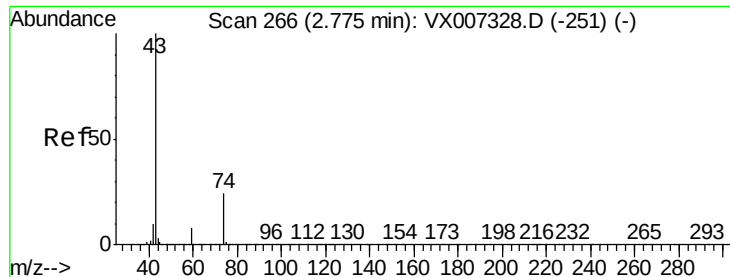
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 7.939 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

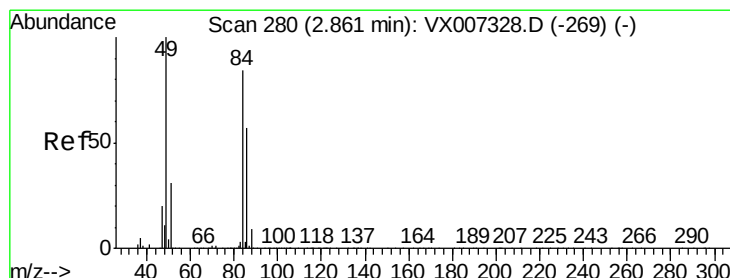
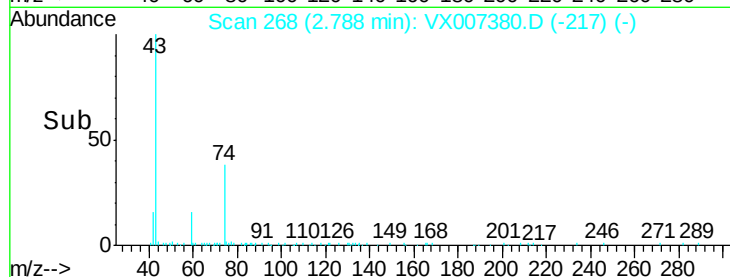
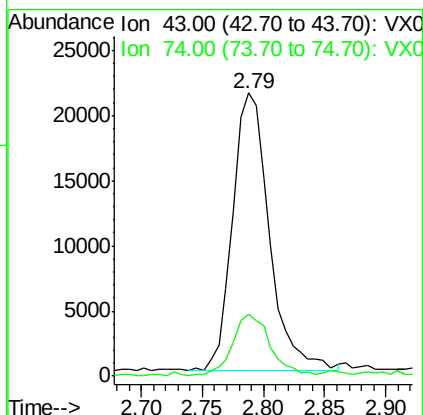
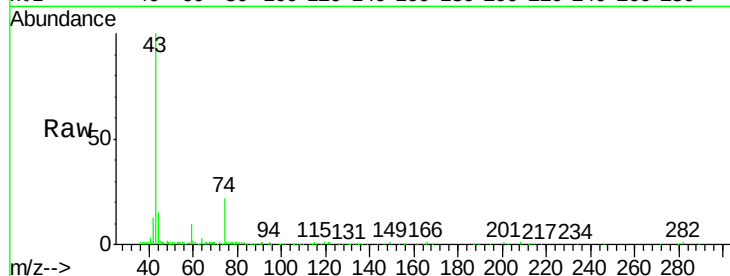
PB116824ZHE#06

Tot Ion: 43 Resp: 43974

Ion Ratio Lower Upper

43 100

74 23.3 19.4 29.2



#20

Methylene Chloride

Concen: 1.921 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

Tgt Ion: 84 Resp: 10663

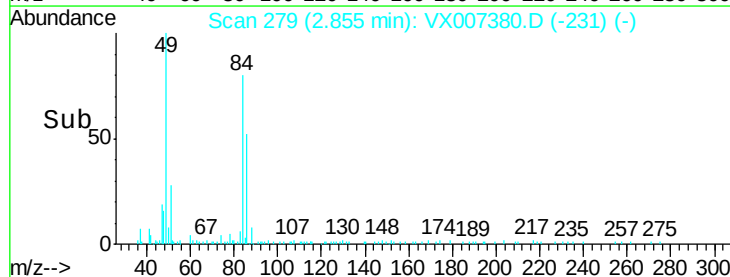
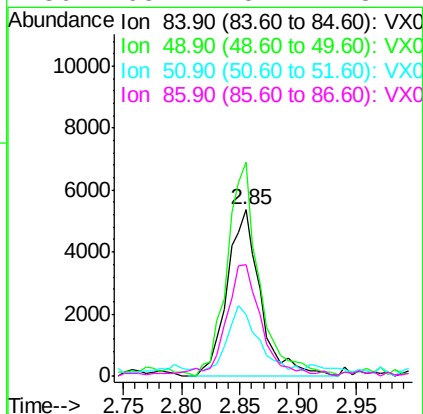
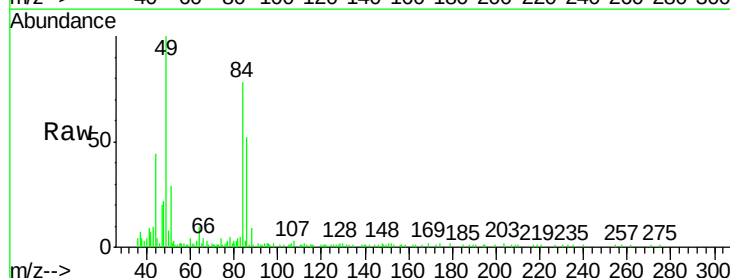
Ion Ratio Lower Upper

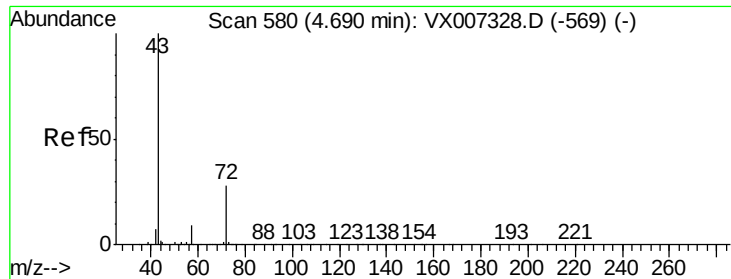
84 100

49 127.4 94.8 142.2

51 33.7 29.8 44.8

86 65.7 54.1 81.1





#25

2-Butanone

Concen: 3.371 ug/l

RT: 4.72 min Scan# 585

Delta R.T. 0.03 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

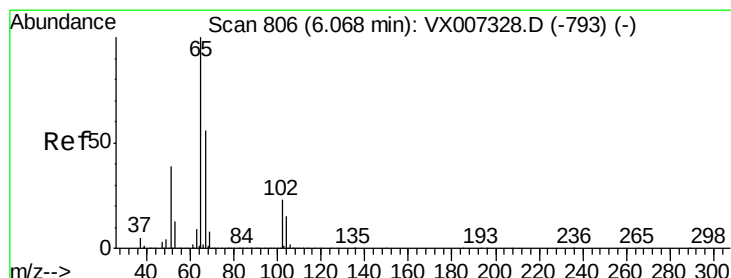
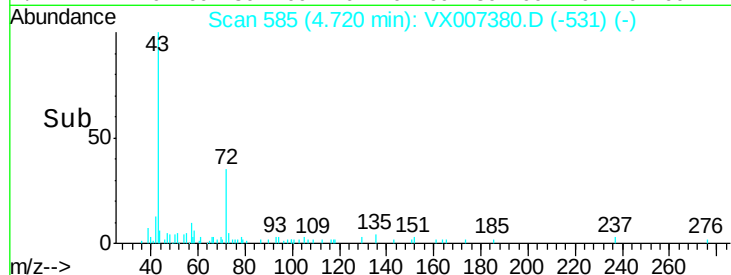
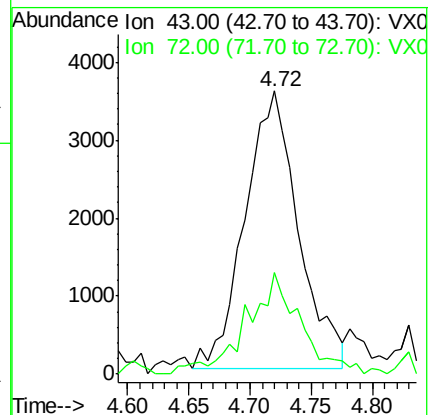
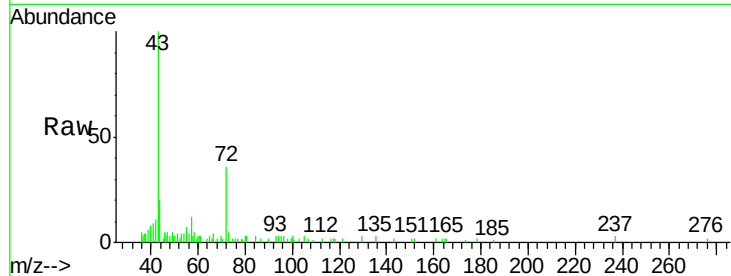
PB116824ZHE#06

Tot Ion: 43 Resp: 10892

Ion Ratio Lower Upper

43 100

72 33.0 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007380.D

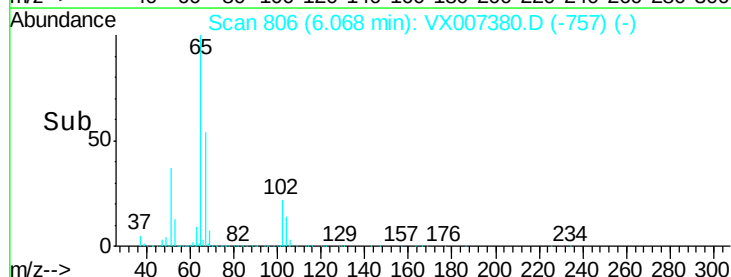
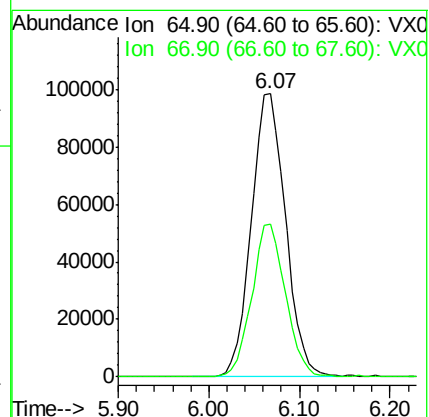
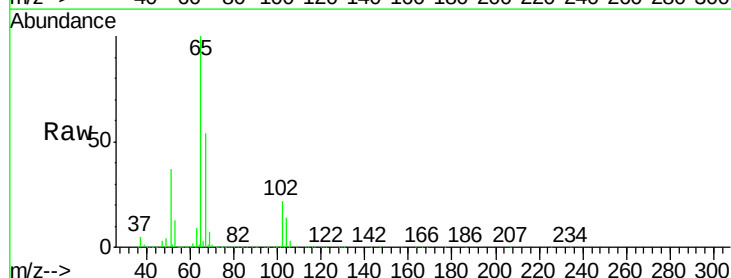
Acq: 05 Feb 2019 16:45

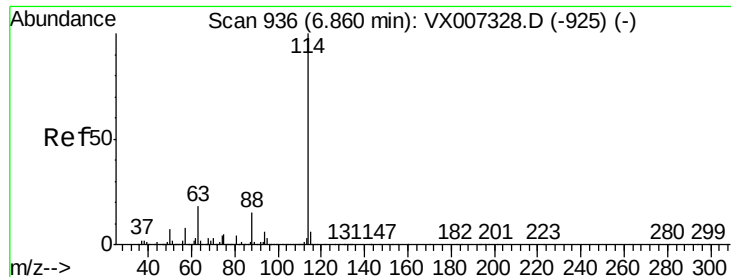
Tgt Ion: 65 Resp: 257500

Ion Ratio Lower Upper

65 100

67 53.3 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: VX007380.D

Acq: 05 Feb 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#06

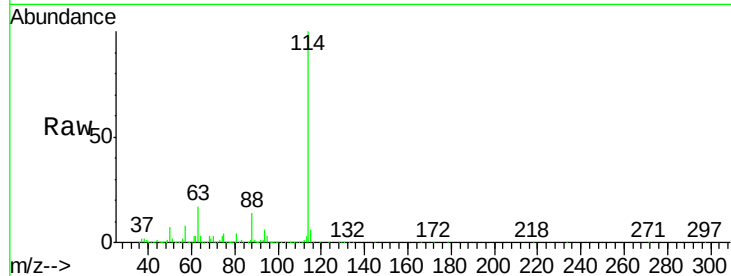
Tot Ion:114 Resp: 721644

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

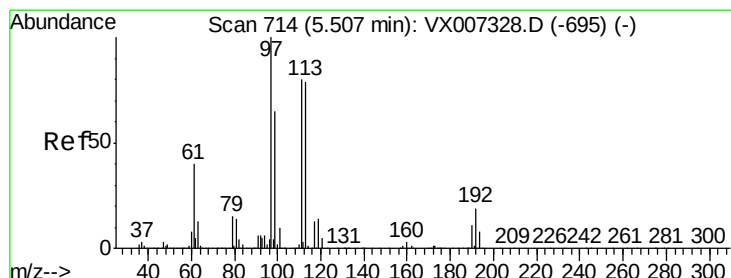
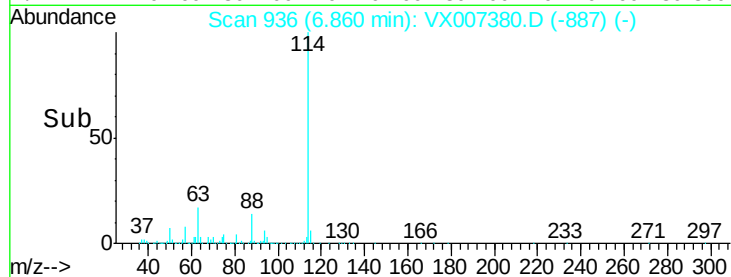
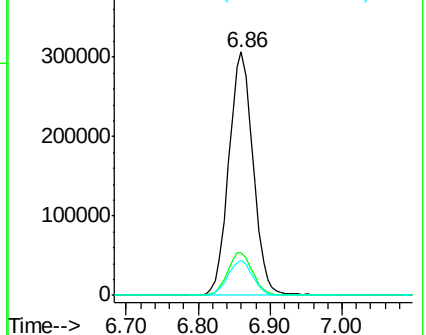
88 14.2 0.0 29.6



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: 48.710 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

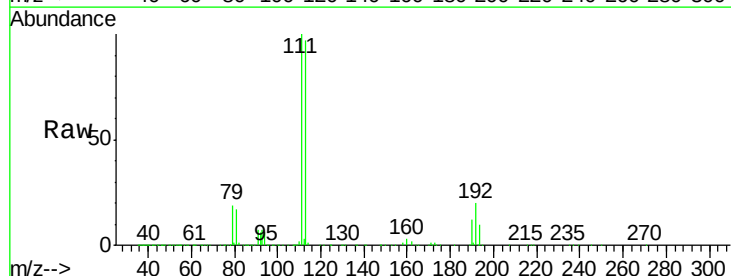
Tgt Ion:113 Resp: 228715

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

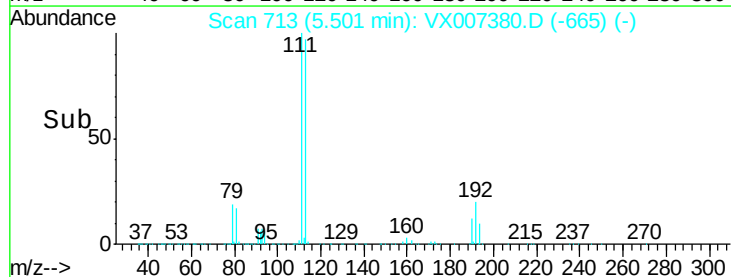
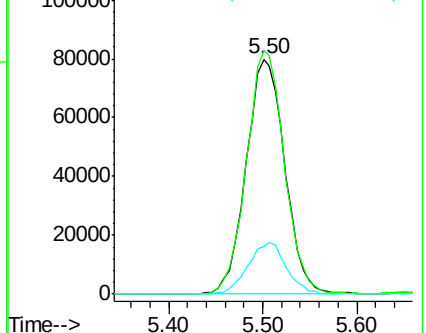
192 21.9 18.5 27.7

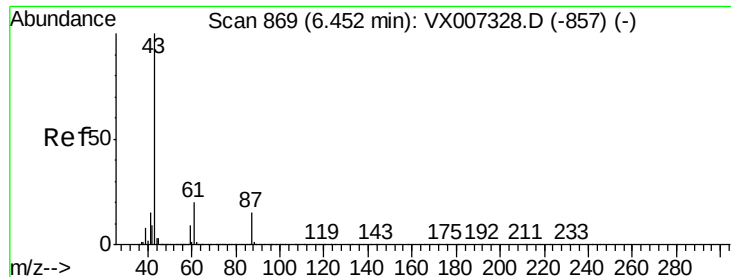


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.548 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#06

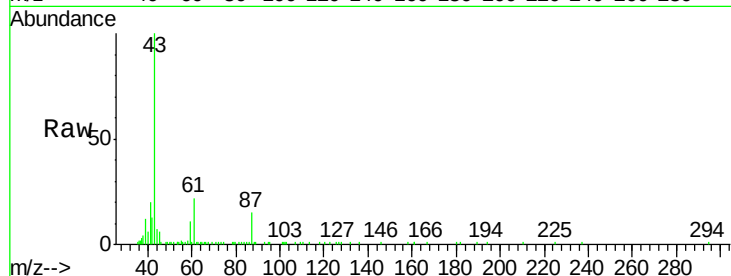
Tot Ion: 43 Resp: 25737

Ion Ratio Lower Upper

43 100

61 22.8 16.1 24.1

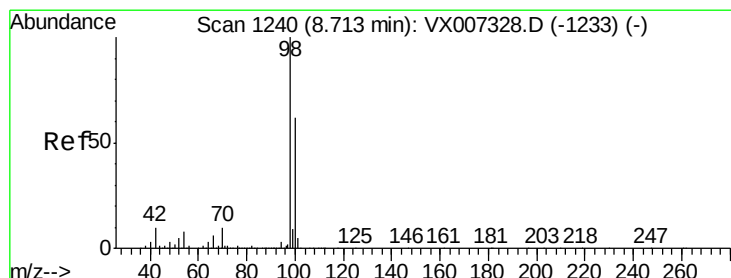
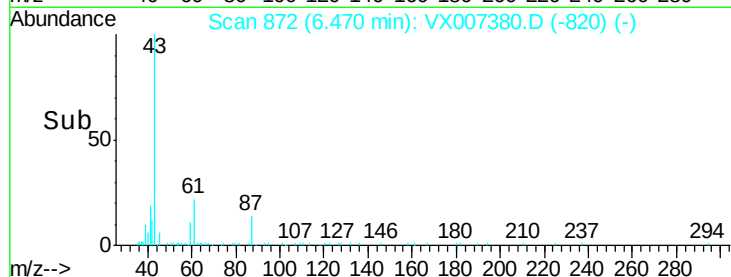
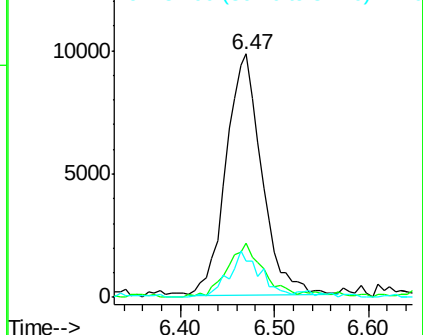
87 17.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.504 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007380.D

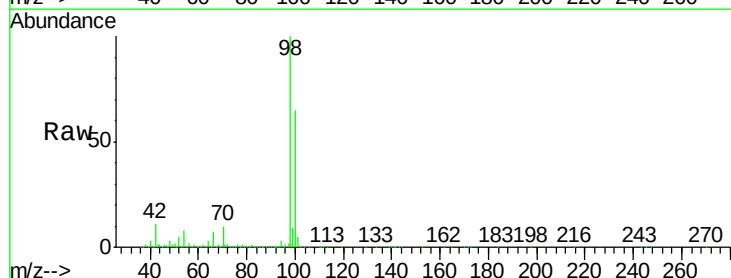
Acq: 05 Feb 2019 16:45

Tgt Ion: 98 Resp: 879830

Ion Ratio Lower Upper

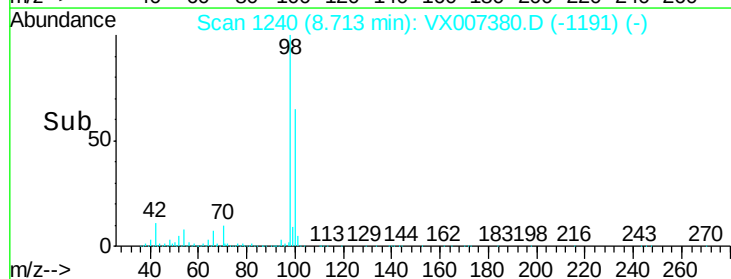
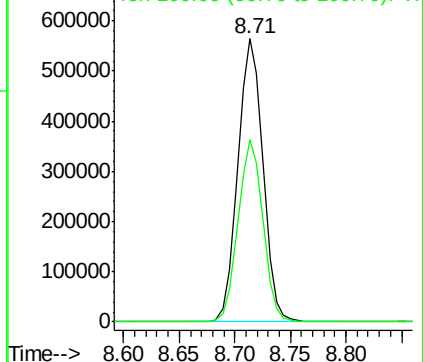
98 100

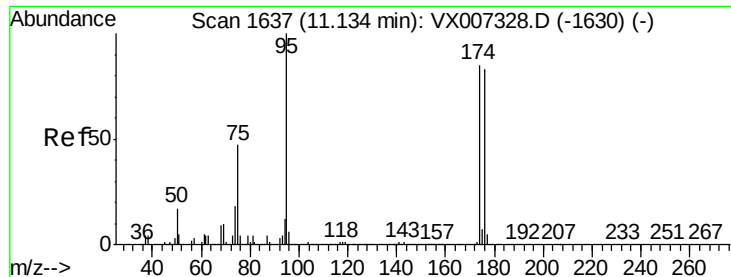
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.540 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007380.D

Acq: 05 Feb 2019 16:45

Instrument :

MSVOA_X

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PB116824ZHE#06

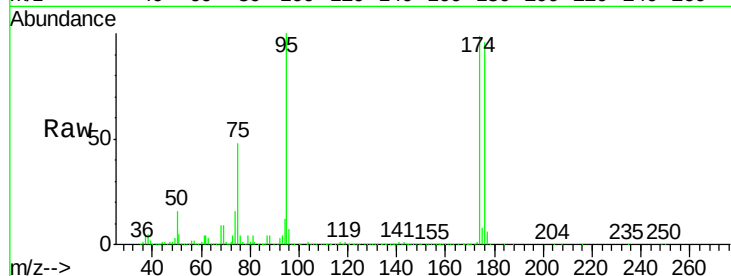
Tot Ion: 95 Resp: 296012

Ion Ratio Lower Upper

95 100

174 95.6 0.0 189.2

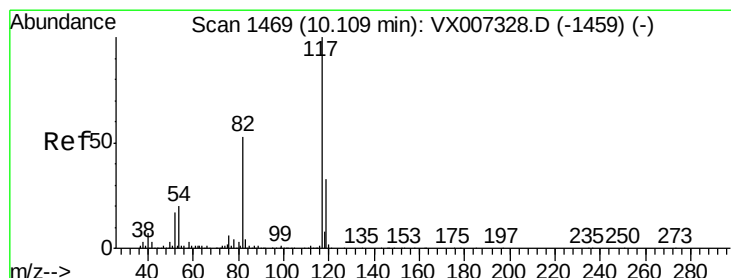
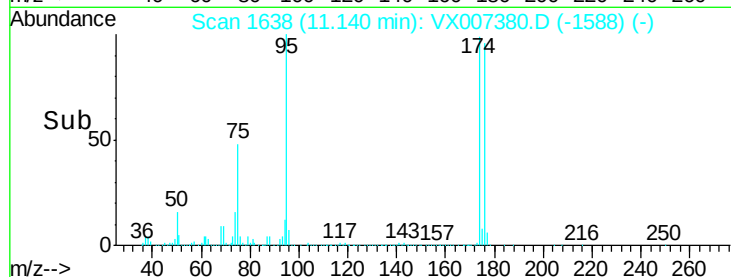
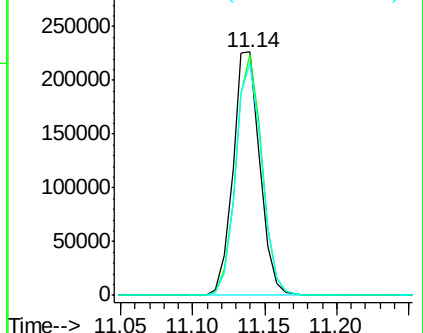
176 93.0 0.0 186.2



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: VX007380.D

Acq: 05 Feb 2019 16:45

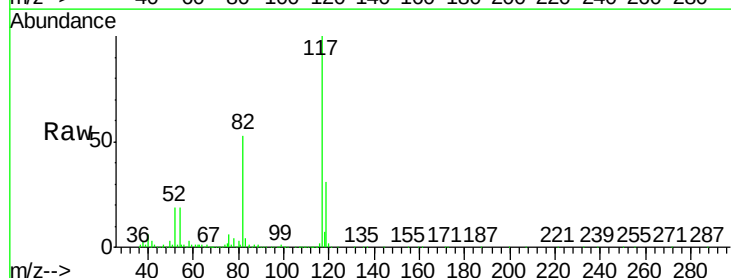
Tgt Ion: 117 Resp: 665750

Ion Ratio Lower Upper

117 100

82 52.9 42.1 63.1

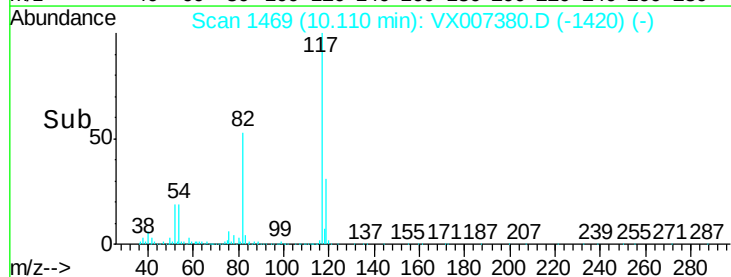
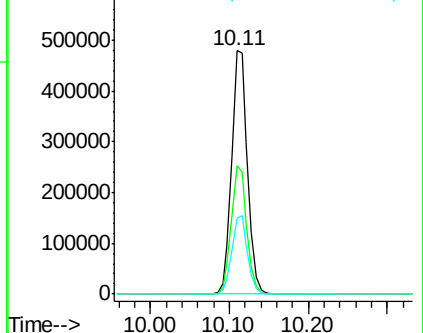
119 31.1 26.5 39.7

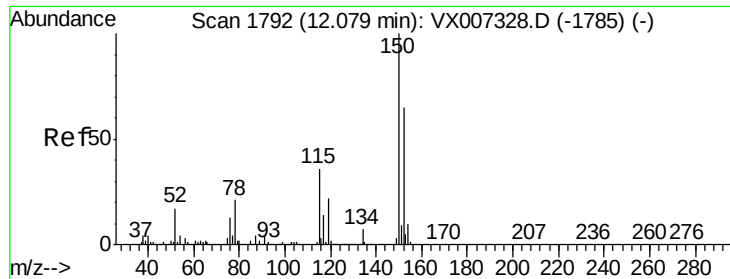


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007380.D

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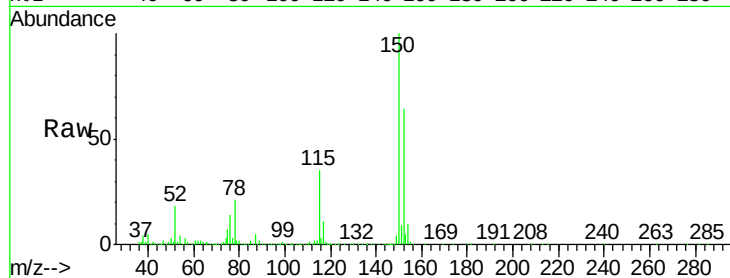
Tot Ion:152 Resp: 334196

Ion Ratio Lower Upper

152 100

115 55.1 38.0 114.0

150 155.6 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

