

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007641.D
 Acq On : 21 Feb 2019 19:49
 Operator : JC/SP
 Sample : PB117250ZHE#15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#15

Quant Time: Feb 22 06:22:53 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	426441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	703684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	698027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	325157	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	251605	55.59	ug/l	0.00
Spiked Amount			Recovery	=	111.18%	
35) Dibromofluoromethane	5.51	113	232997	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
50) Toluene-d8	8.71	98	875098	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.13	95	310877	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	

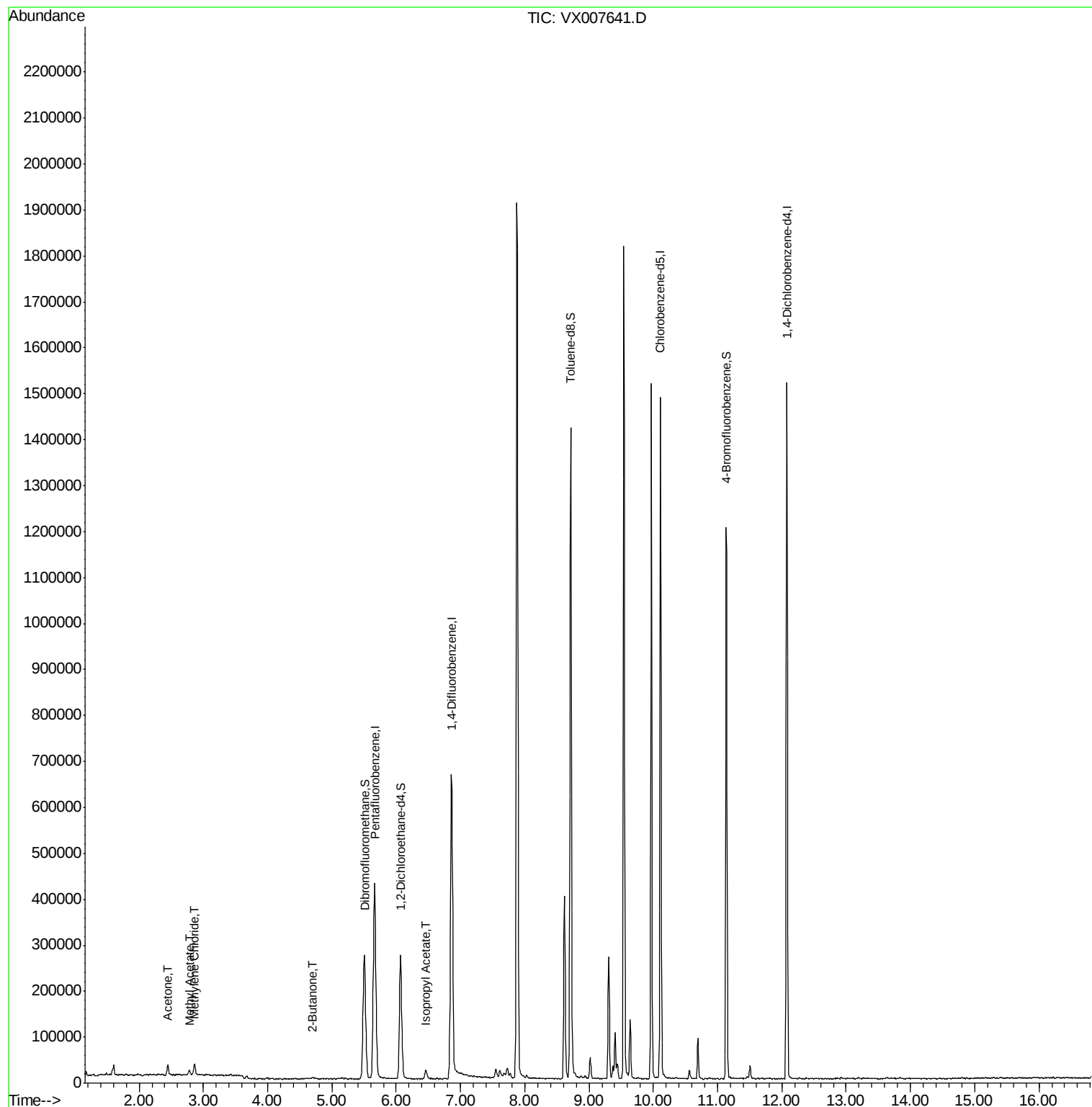
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	26258	12.664	ug/l	98
18) Methyl Acetate	2.78	43	15381	3.407	ug/l	97
20) Methylene Chloride	2.86	84	12176	2.501	ug/l #	94
25) 2-Butanone	4.70	43	5249	1.779	ug/l	91
43) Isopropyl Acetate	6.46	43	26304	2.670	ug/l	98

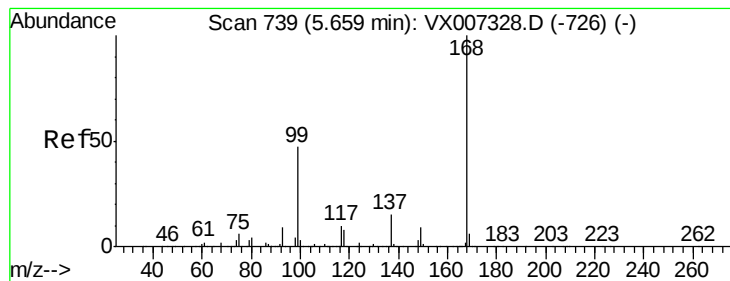
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007641.D

Acq: 21 Feb 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

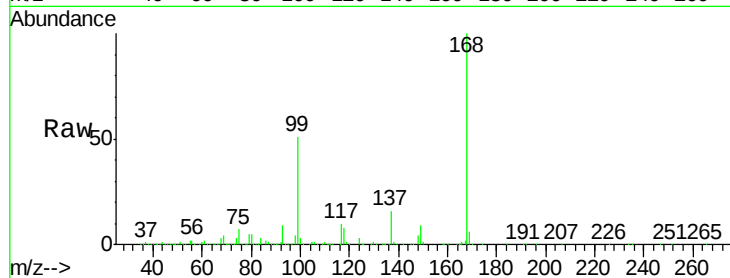
PB117250ZHE#15

Tot Ion:168 Resp: 426441

Ion Ratio Lower Upper

168 100

99 51.3 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

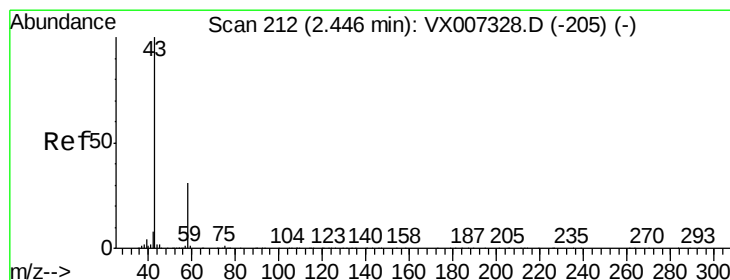
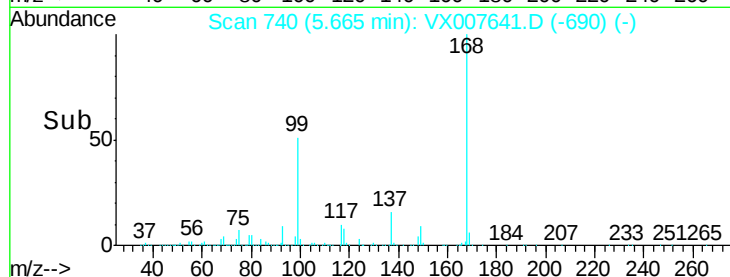
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.664 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007641.D

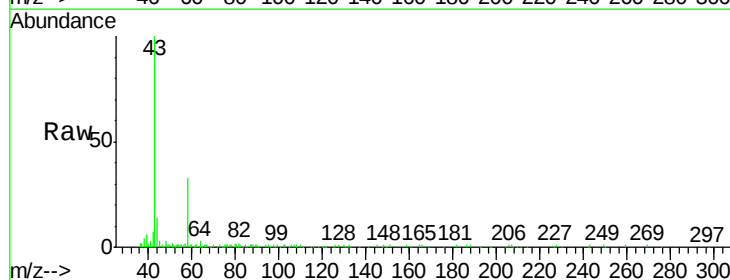
Acq: 21 Feb 2019 19:49

Tgt Ion: 43 Resp: 26258

Ion Ratio Lower Upper

43 100

58 32.2 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

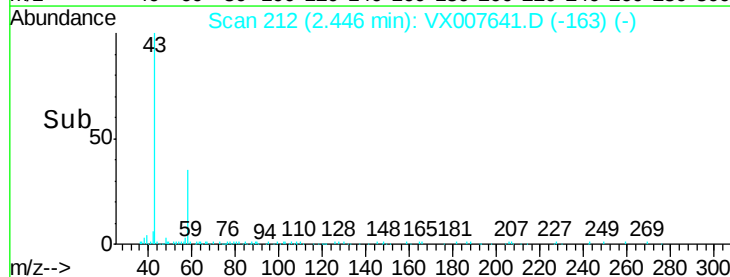
15000

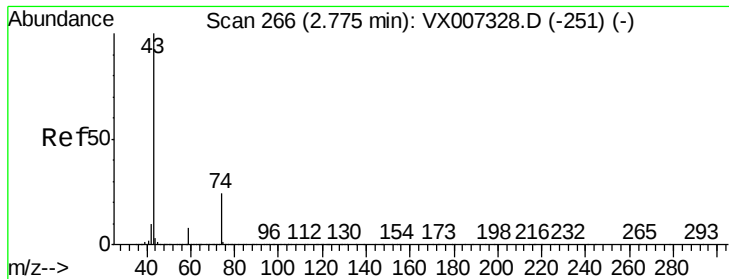
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 3.407 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007641.D

Acq: 21 Feb 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

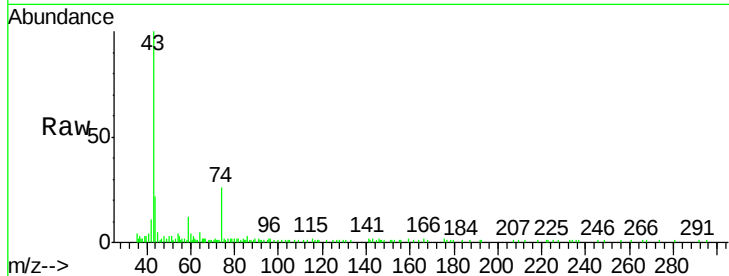
PB117250ZHE#15

Tot Ion: 43 Resp: 15381

Ion Ratio Lower Upper

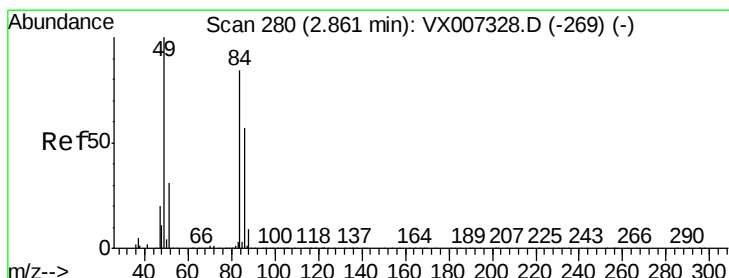
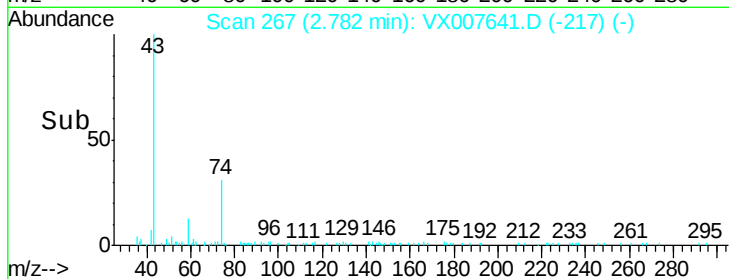
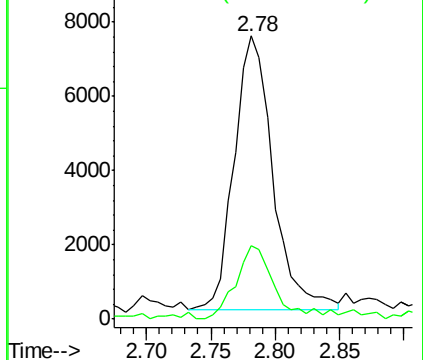
43 100

74 25.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 2.501 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007641.D

Acq: 21 Feb 2019 19:49

Tgt Ion: 84 Resp: 12176

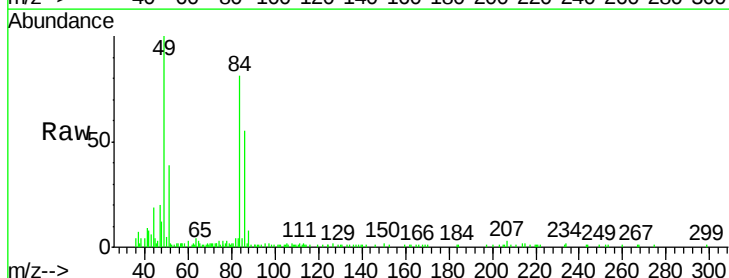
Ion Ratio Lower Upper

84 100

49 123.2 94.8 142.2

51 47.1 29.8 44.8#

86 65.8 54.1 81.1

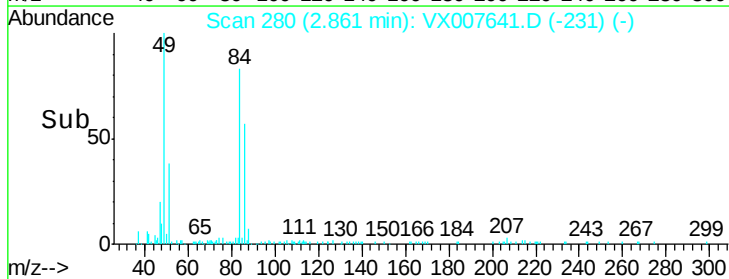
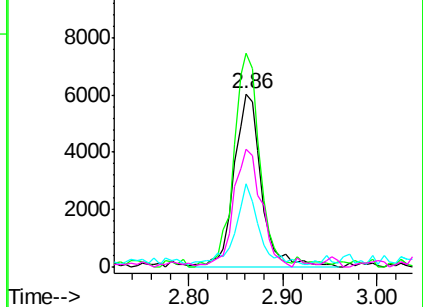


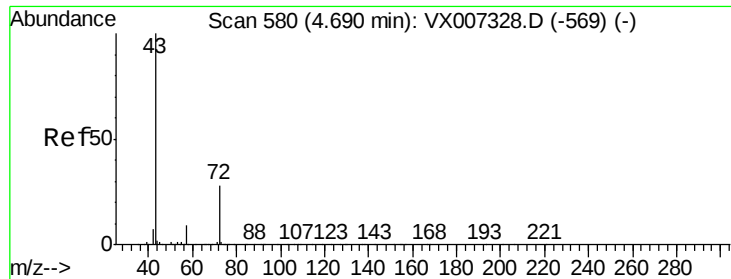
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 1.779 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007641.D

Acq: 21 Feb 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

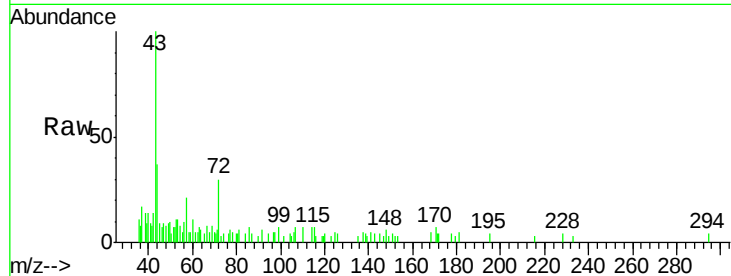
PB117250ZHE#15

Tot Ion: 43 Resp: 5249

Ion Ratio Lower Upper

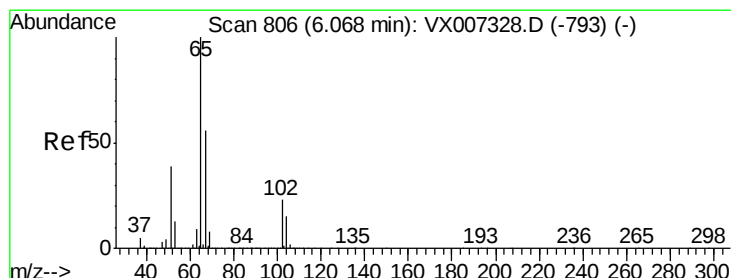
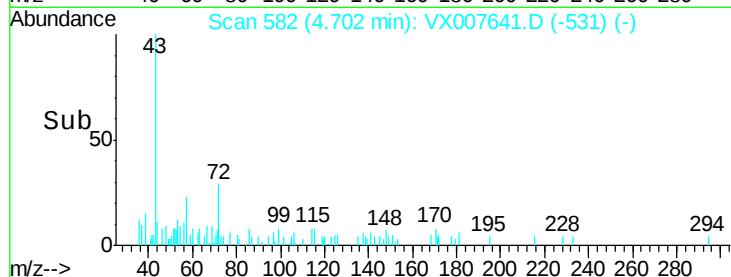
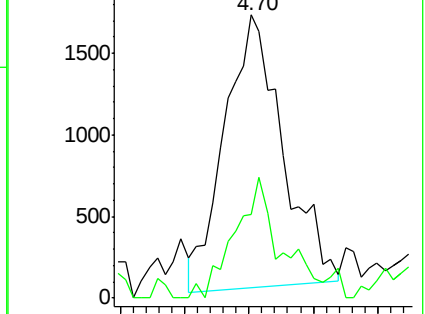
43 100

72 32.3 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: 55.587 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007641.D

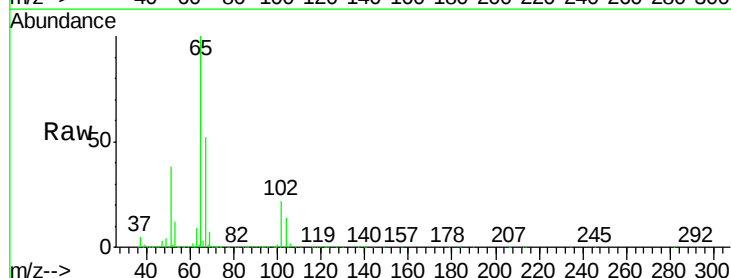
Acq: 21 Feb 2019 19:49

Tgt Ion: 65 Resp: 251605

Ion Ratio Lower Upper

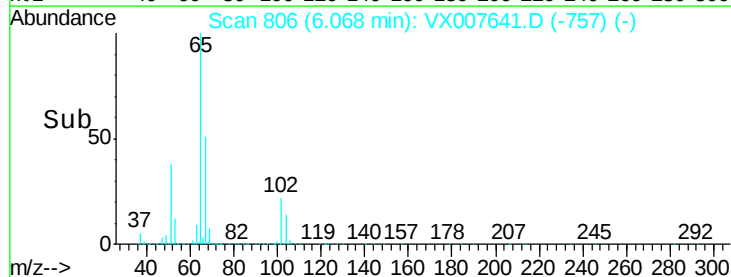
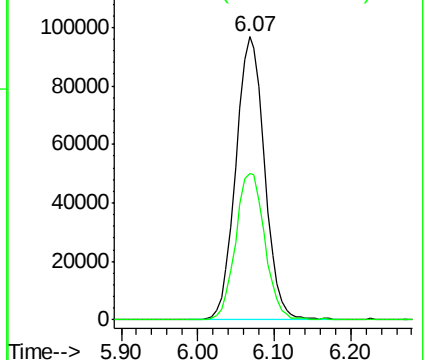
65 100

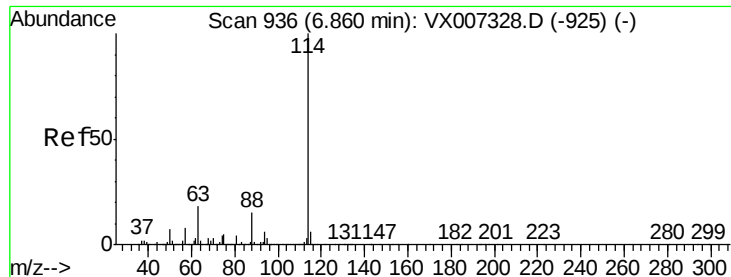
67 52.7 0.0 108.8



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: VX007641.D

Acq: 21 Feb 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#15

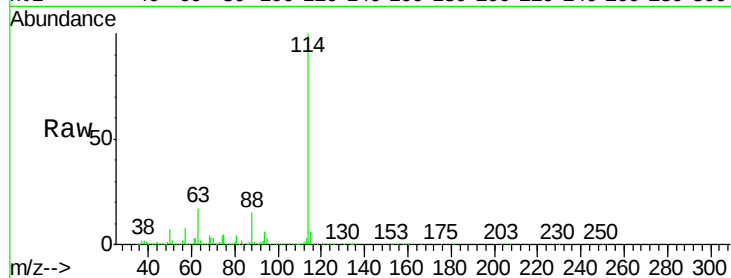
Tot Ion:114 Resp: 703684

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

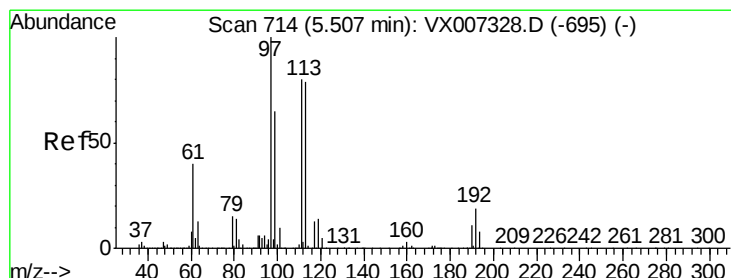
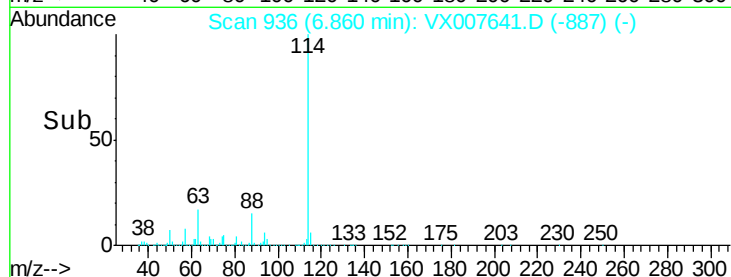
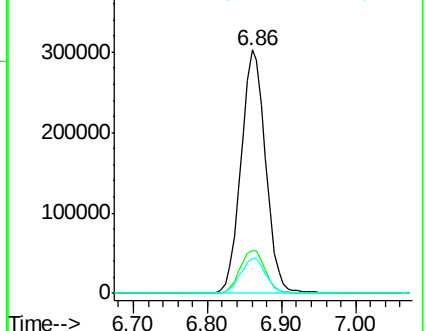
88 14.5 0.0 29.6



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: 50.888 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007641.D

Acq: 21 Feb 2019 19:49

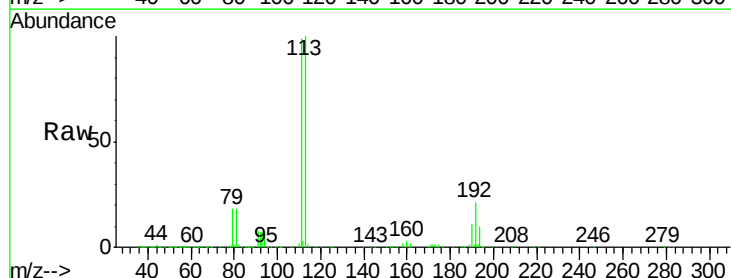
Tgt Ion:113 Resp: 232997

Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.8

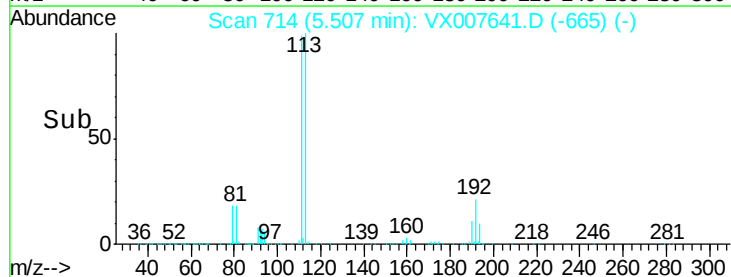
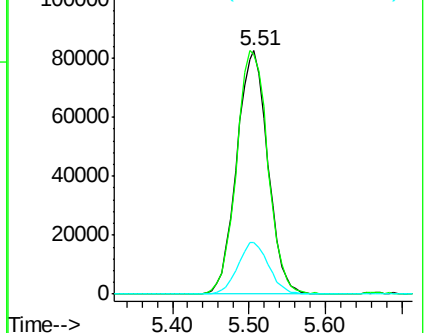
192 21.2 18.5 27.7

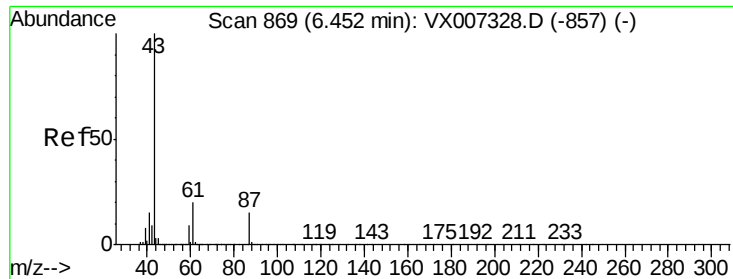


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



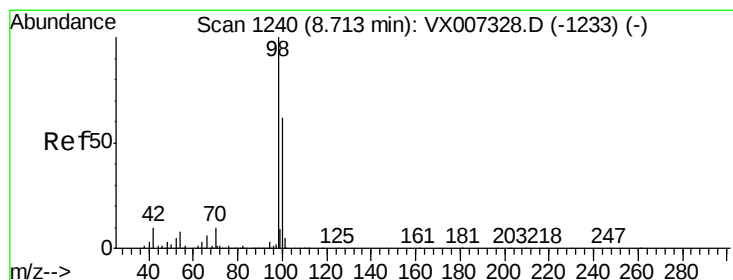
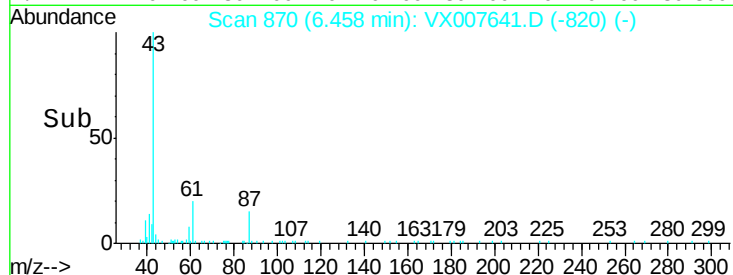
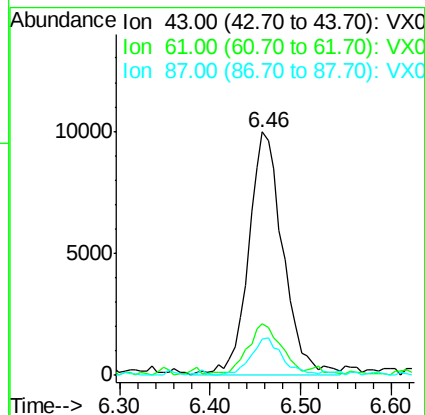
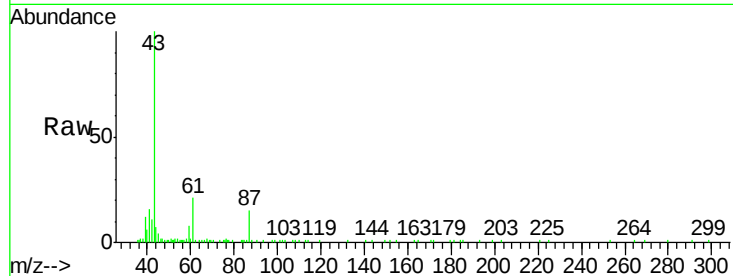


#43

Isopropyl Acetate
 Concen: 2.670 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007641.D
 Acq: 21 Feb 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#15

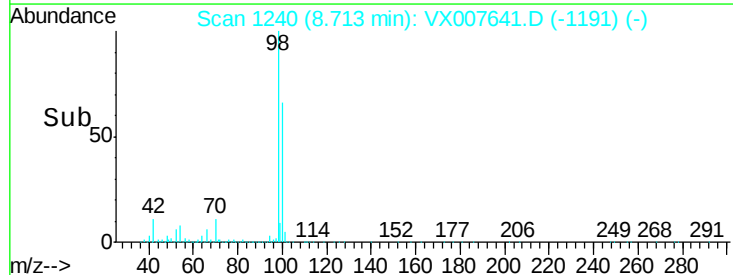
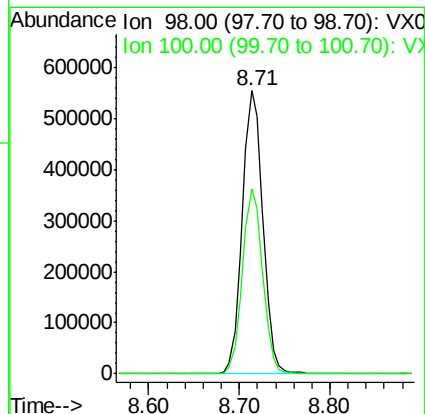
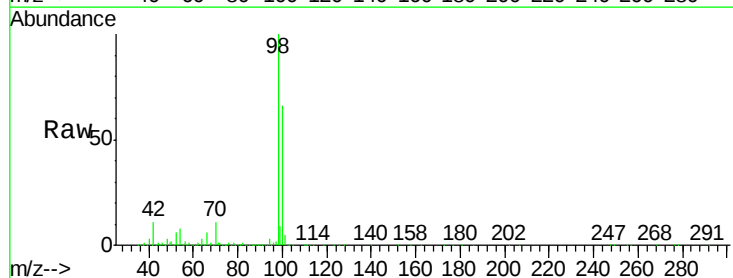
Tot Ion: 43 Resp: 26304
 Ion Ratio Lower Upper
 43 100
 61 21.2 16.1 24.1
 87 14.1 11.5 17.3

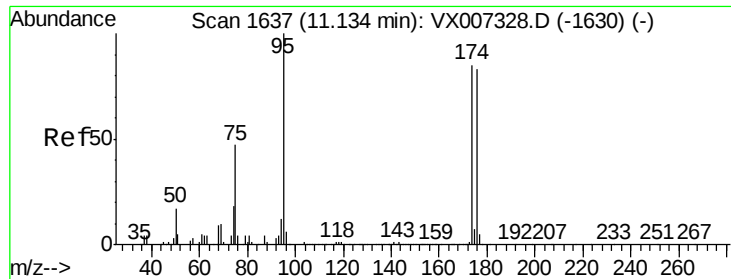


#50

Toluene-d8
 Concen: 51.514 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007641.D
 Acq: 21 Feb 2019 19:49

Tgt Ion: 98 Resp: 875098
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 50.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007641.D

Acq: 21 Feb 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#15

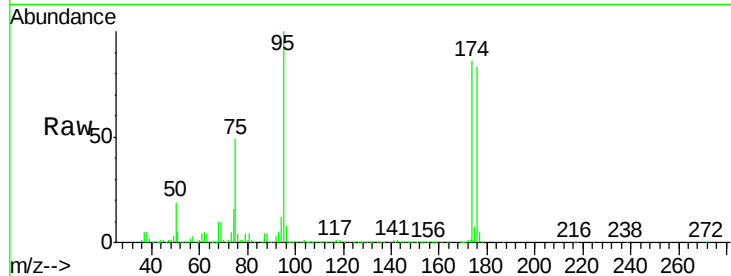
Tot Ion: 95 Resp: 310877

Ion Ratio Lower Upper

95 100

174 91.8 0.0 189.2

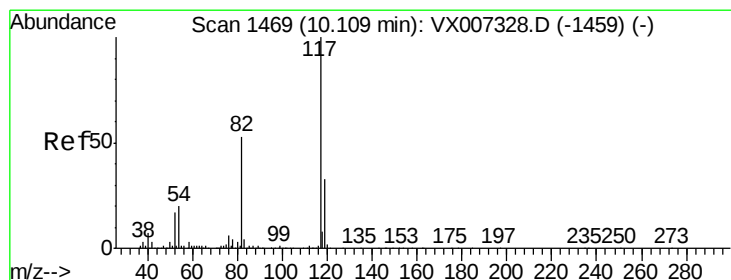
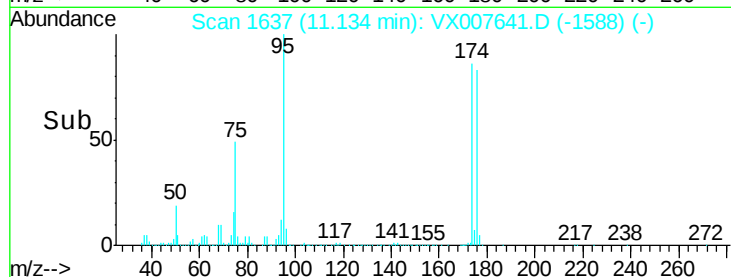
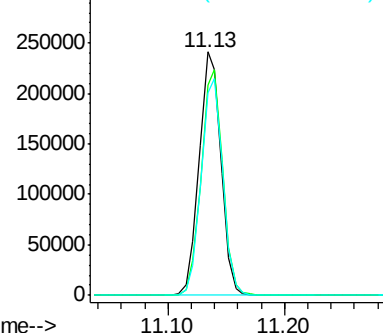
176 88.5 0.0 186.2



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: VX007641.D

Acq: 21 Feb 2019 19:49

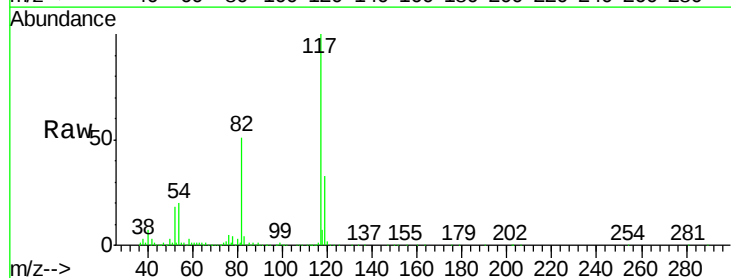
Tgt Ion: 117 Resp: 698027

Ion Ratio Lower Upper

117 100

82 51.4 42.1 63.1

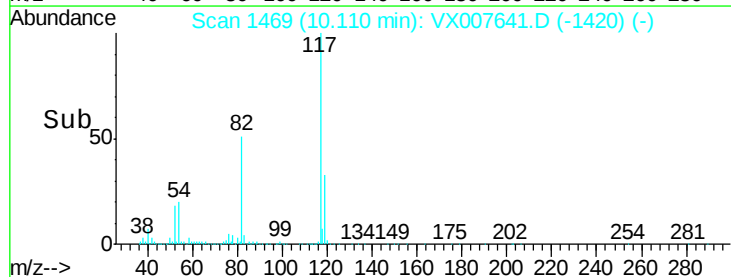
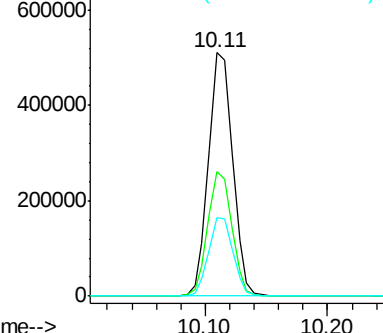
119 32.5 26.5 39.7

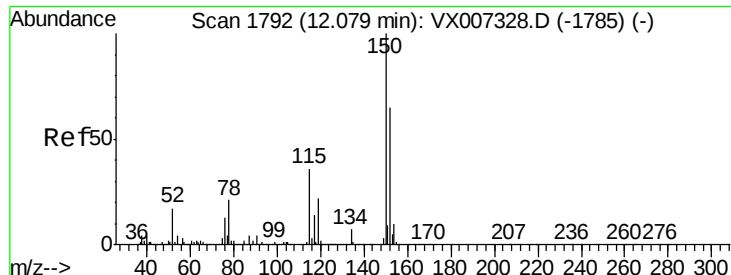


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007641.D

Acq: 21 Feb 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#15

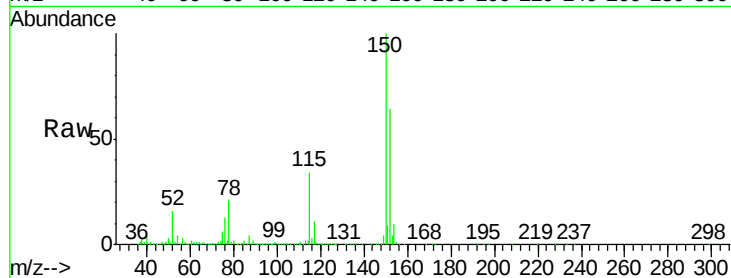
Tot Ion:152 Resp: 325157

Ion Ratio Lower Upper

152 100

115 55.3 38.0 114.0

150 159.1 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

