

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007633.D
 Acq On : 21 Feb 2019 16:16
 Operator : JC/SP
 Sample : PB117250ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#07

Quant Time: Feb 22 05:59:13 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	440218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	710087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	698447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	322608	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	249833	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
35) Dibromofluoromethane	5.50	113	231819	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	8.71	98	871716	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	305488	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	

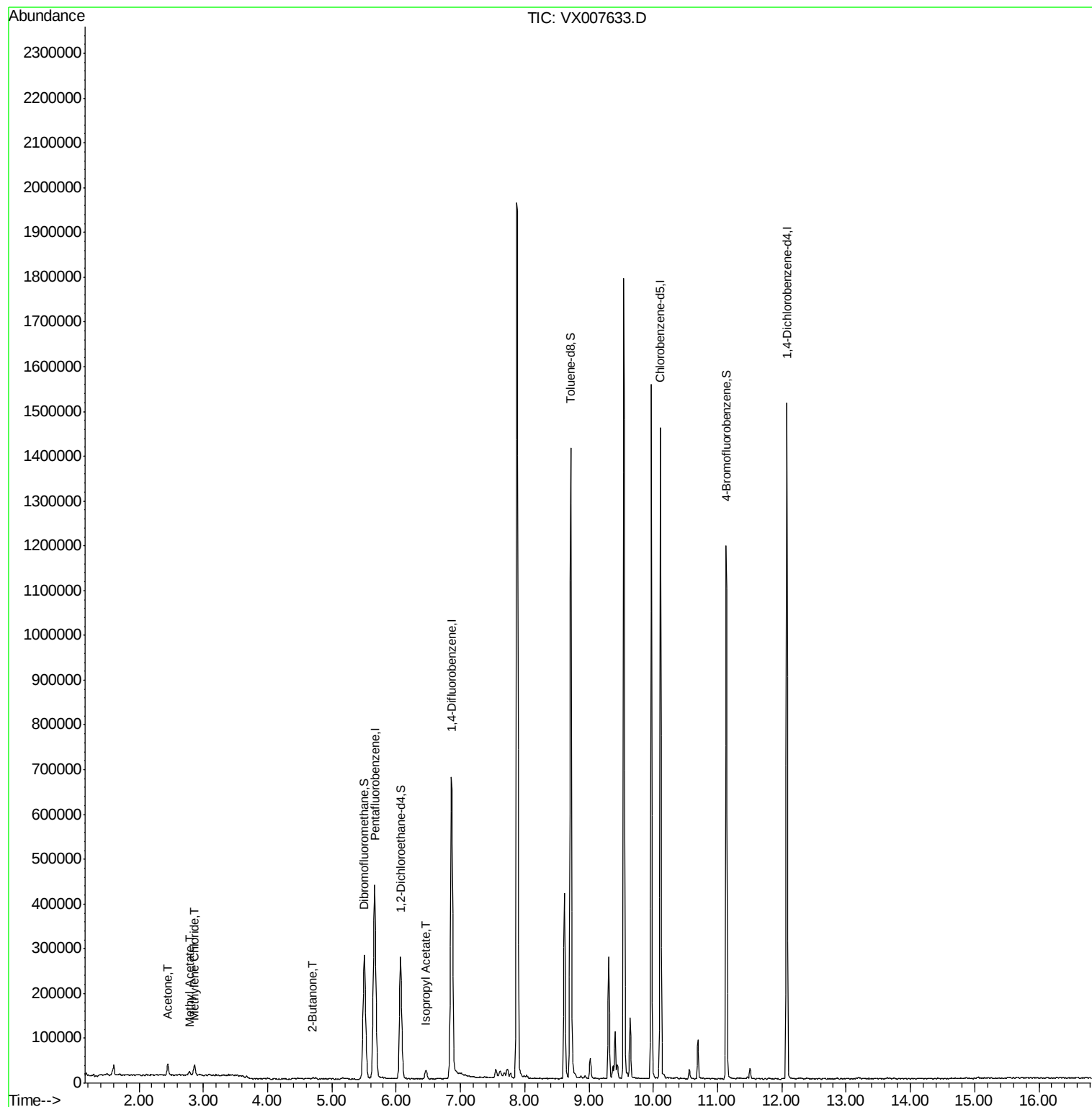
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	28833	13.471	ug/l	100
18) Methyl Acetate	2.78	43	11740	2.673	ug/l #	82
20) Methylene Chloride	2.86	84	12028	2.377	ug/l	96
25) 2-Butanone	4.71	43	5854	1.922	ug/l #	82
43) Isopropyl Acetate	6.46	43	25646	2.580	ug/l	95

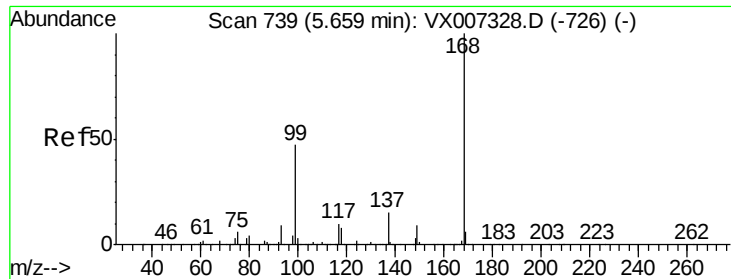
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

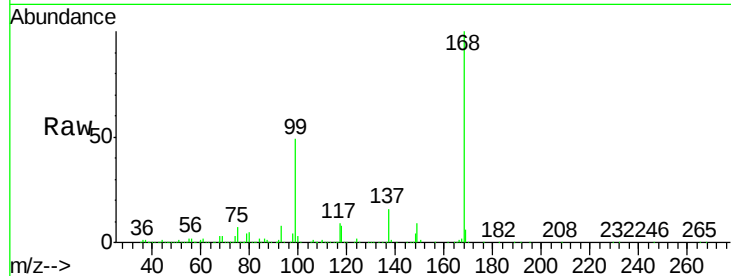
PB117250ZHE#07

Tot Ion:168 Resp: 440218

Ion Ratio Lower Upper

168 100

99 48.7 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

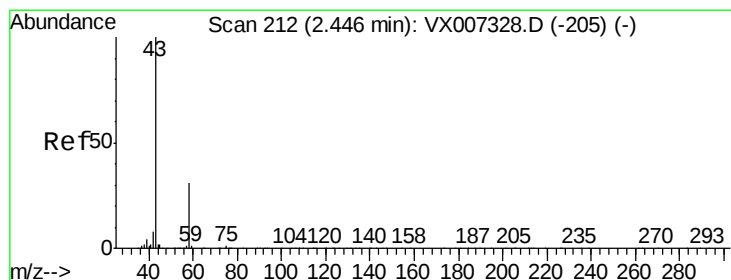
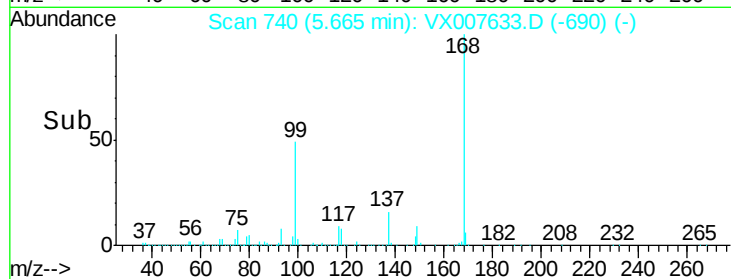
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.471 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007633.D

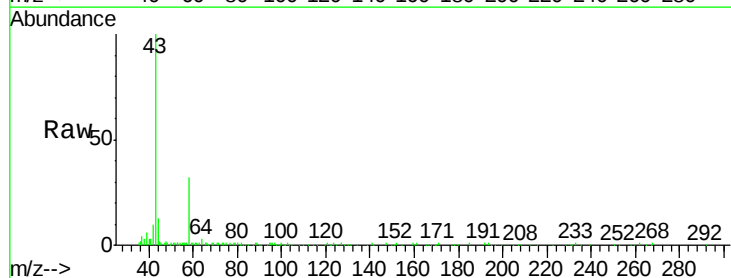
Acq: 21 Feb 2019 16:16

Tgt Ion: 43 Resp: 28833

Ion Ratio Lower Upper

43 100

58 31.3 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

20000

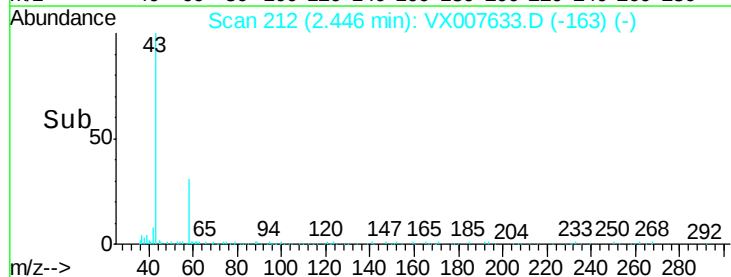
15000

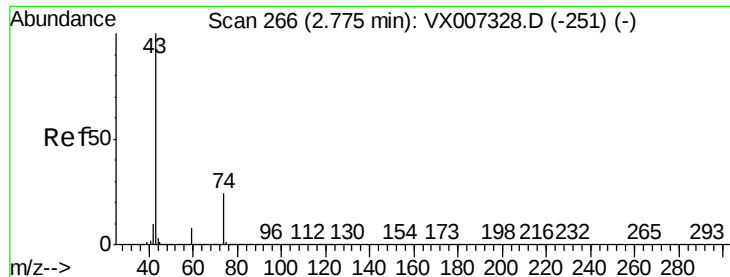
10000

5000

0

Time--> 2.40 2.45 2.50

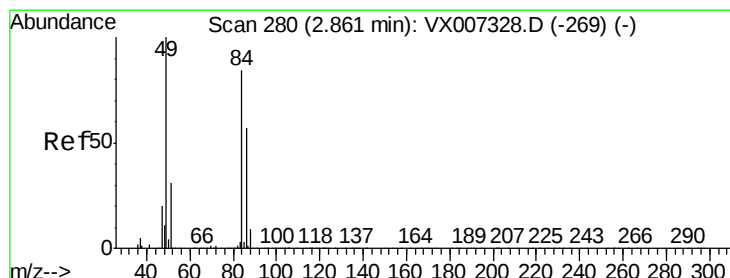
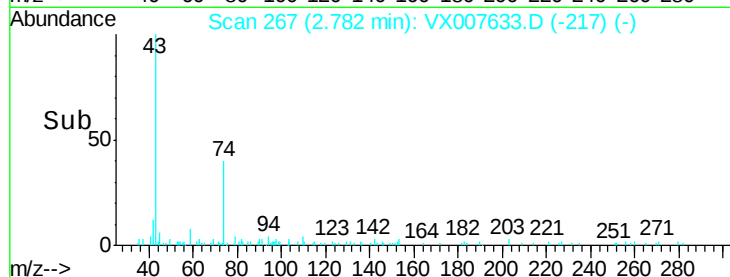
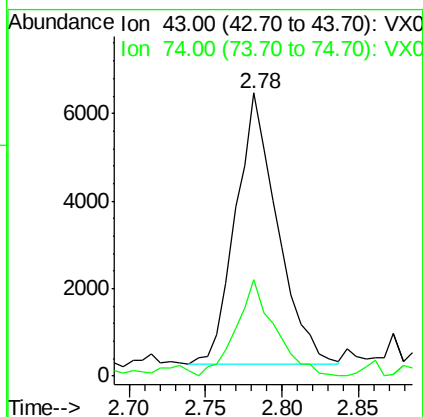
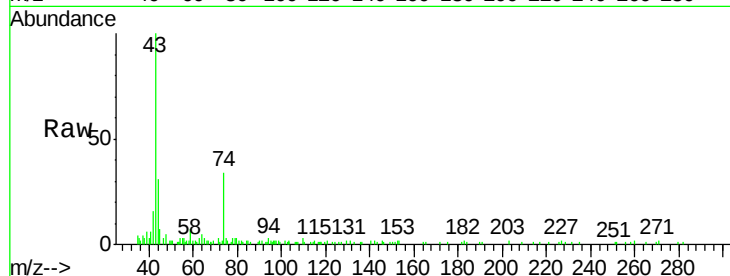




#18
Methyl Acetate
Concen: 2.673 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007633.D
Acq: 21 Feb 2019 16:16

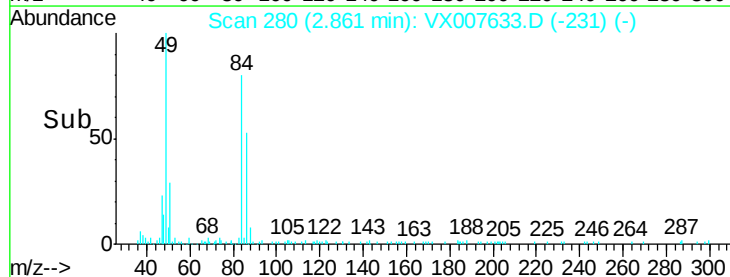
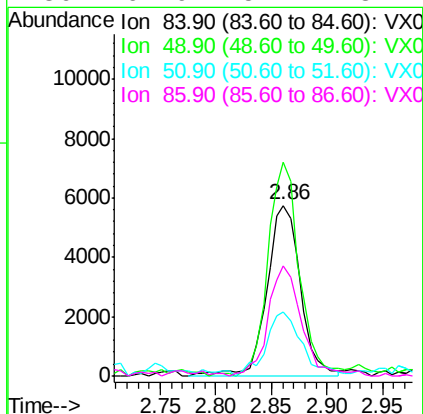
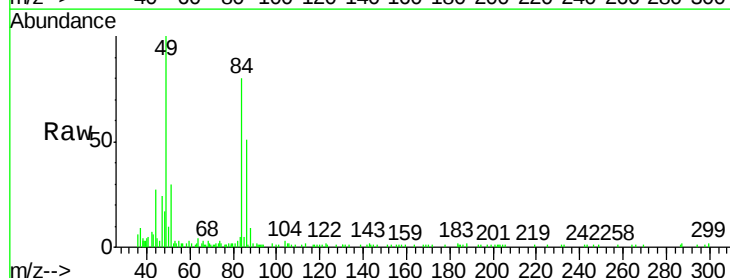
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#07

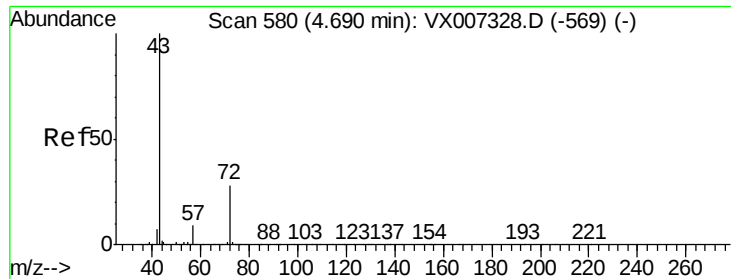
Tot Ion: 43 Resp: 11740
Ion Ratio Lower Upper
43 100
74 33.1 19.4 29.2#



#20
Methylene Chloride
Concen: 2.377 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007633.D
Acq: 21 Feb 2019 16:16

Tgt Ion: 84 Resp: 12028
Ion Ratio Lower Upper
84 100
49 123.0 94.8 142.2
51 35.8 29.8 44.8
86 62.9 54.1 81.1





#25

2-Butanone

Concen: 1.922 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

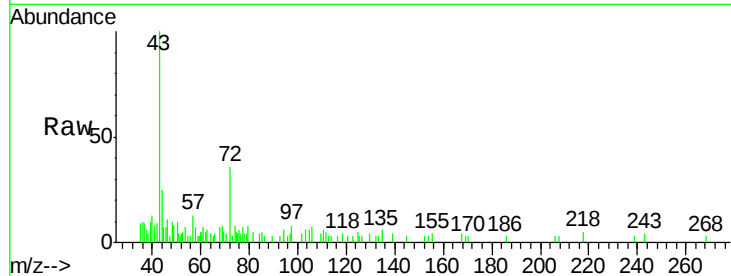
PB117250ZHE#07

Tot Ion: 43 Resp: 5854

Ion Ratio Lower Upper

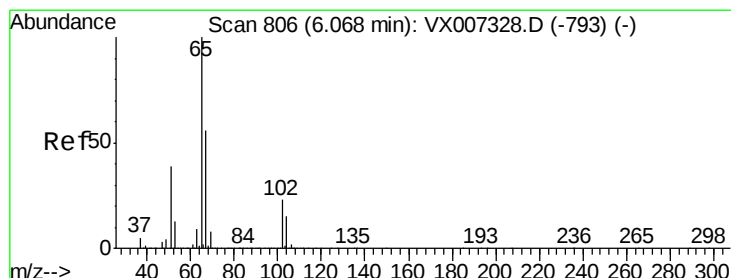
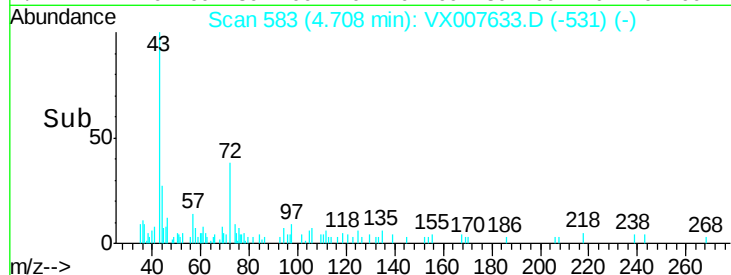
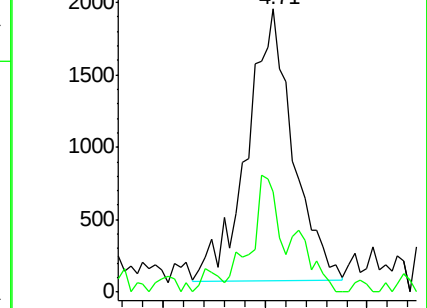
43 100

72 37.1 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: 53.468 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007633.D

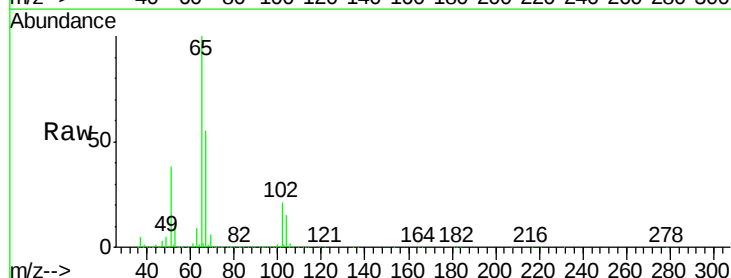
Acq: 21 Feb 2019 16:16

Tgt Ion: 65 Resp: 249833

Ion Ratio Lower Upper

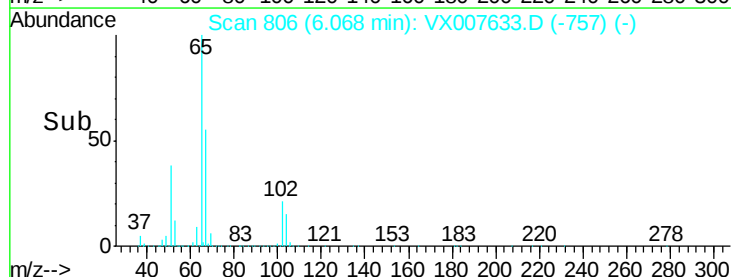
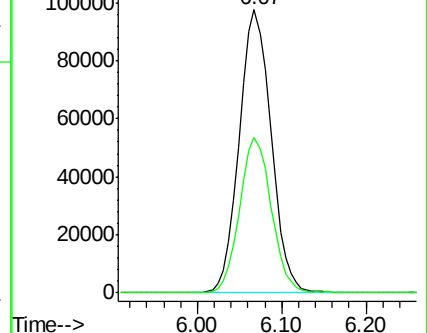
65 100

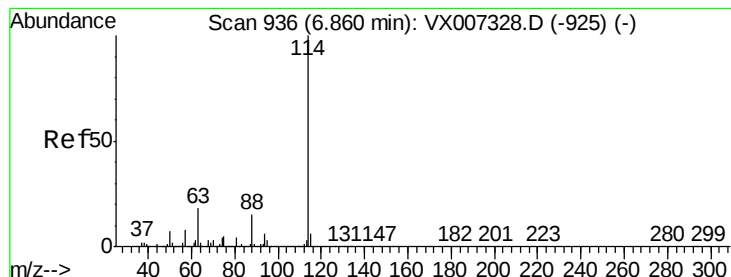
67 54.1 0.0 108.8



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: VX007633.D

Acq: 21 Feb 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#07

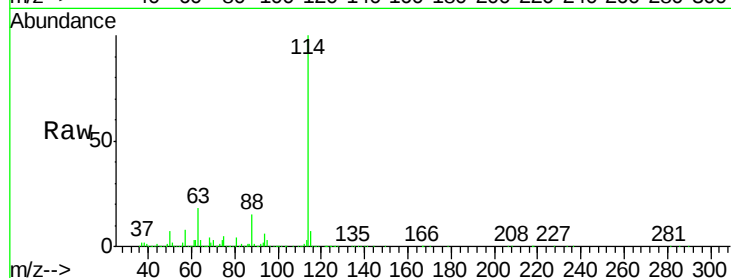
Tot Ion:114 Resp: 710087

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

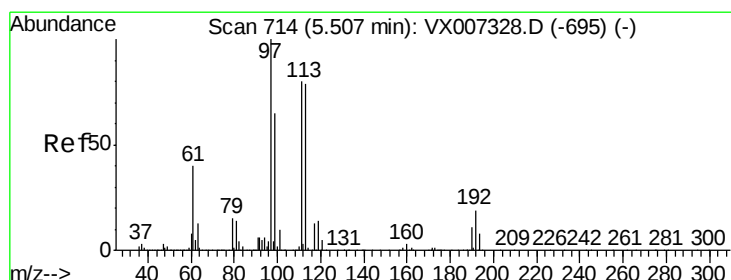
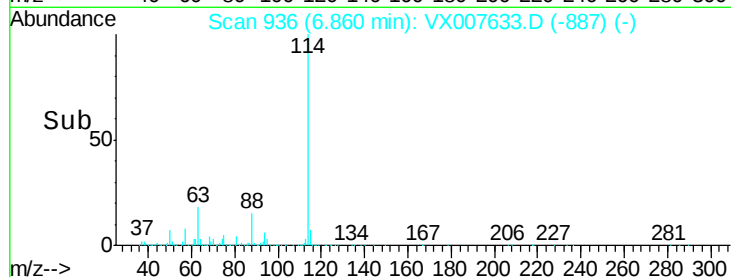
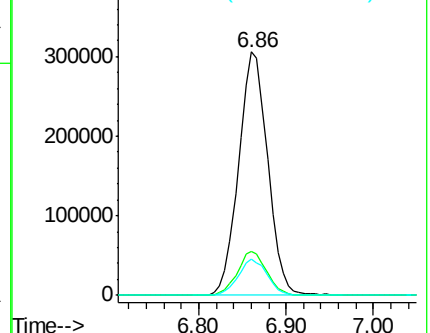
88 14.7 0.0 29.6



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: 50.174 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

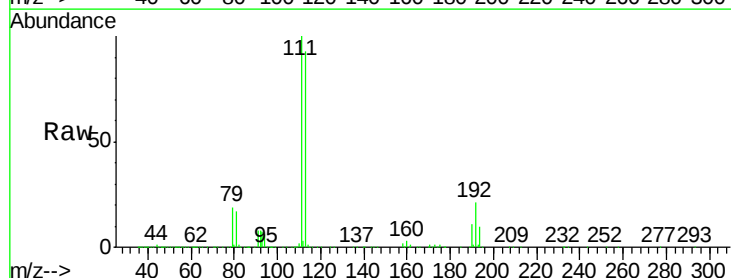
Tgt Ion:113 Resp: 231819

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

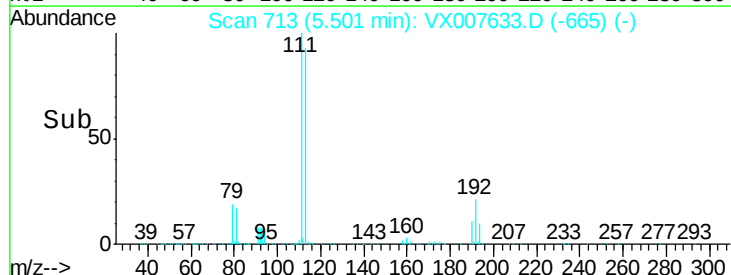
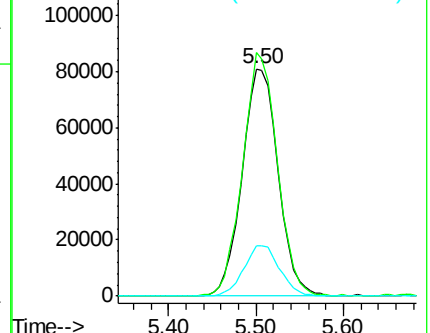
192 22.2 18.5 27.7

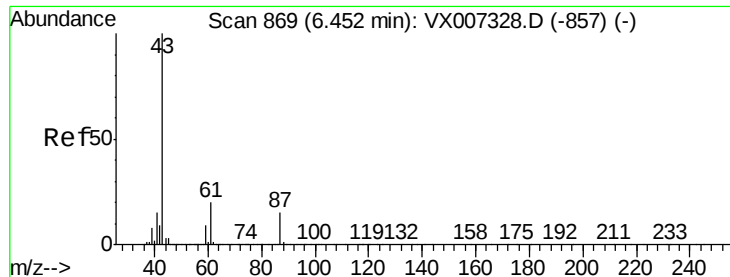


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.580 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#07

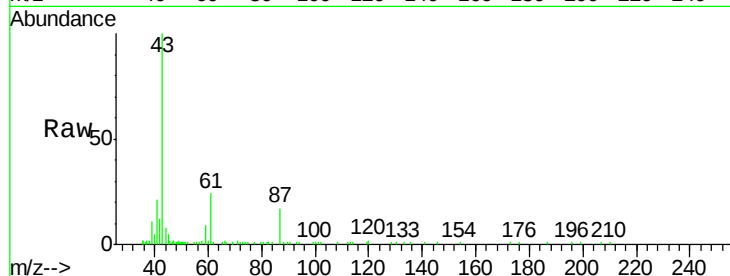
Tot Ion: 43 Resp: 25646

Ion Ratio Lower Upper

43 100

61 22.7 16.1 24.1

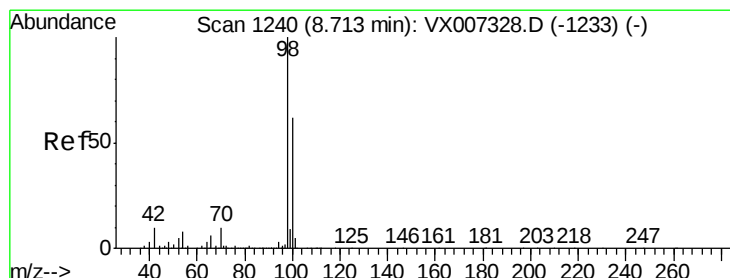
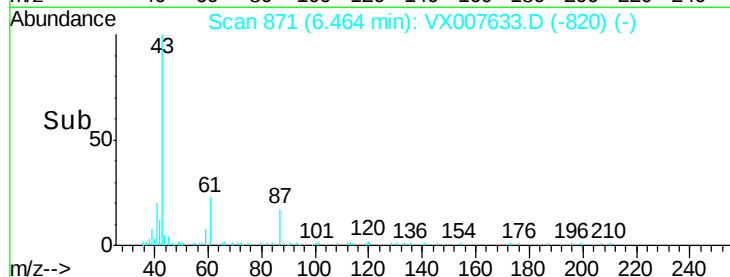
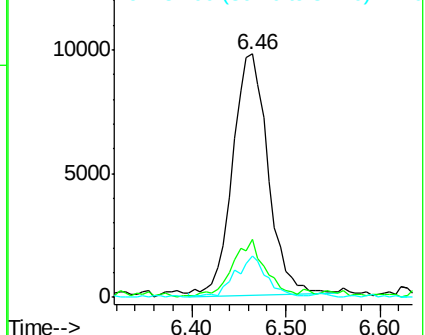
87 15.7 11.5 17.3



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: 50.853 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007633.D

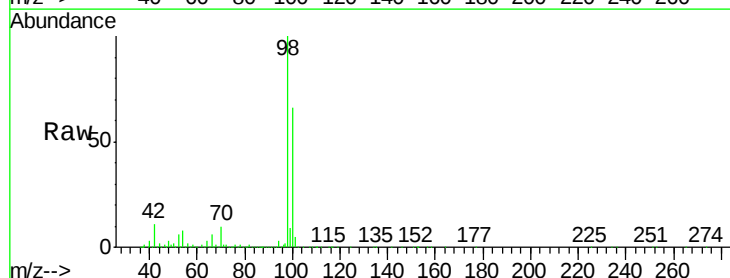
Acq: 21 Feb 2019 16:16

Tgt Ion: 98 Resp: 871716

Ion Ratio Lower Upper

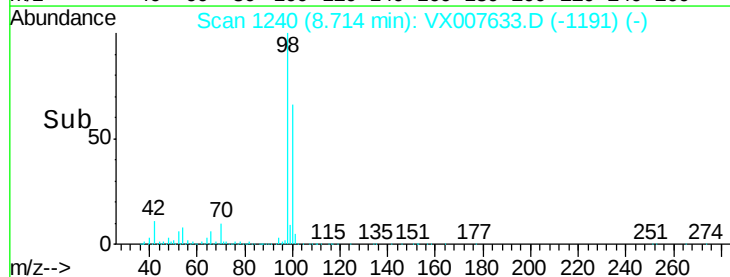
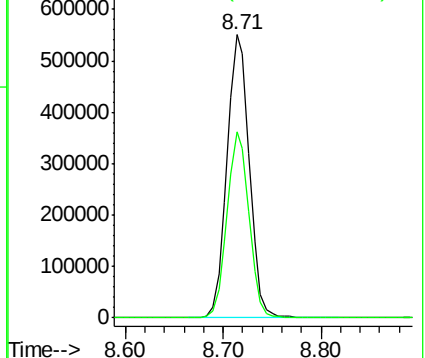
98 100

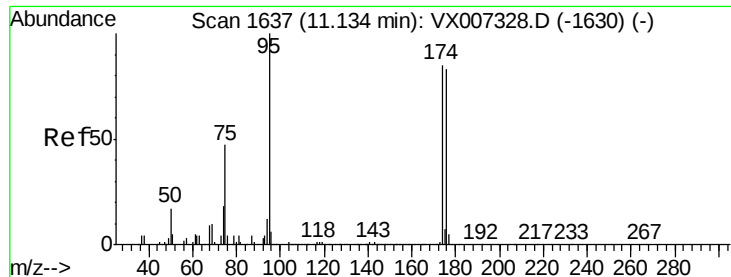
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.811 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#07

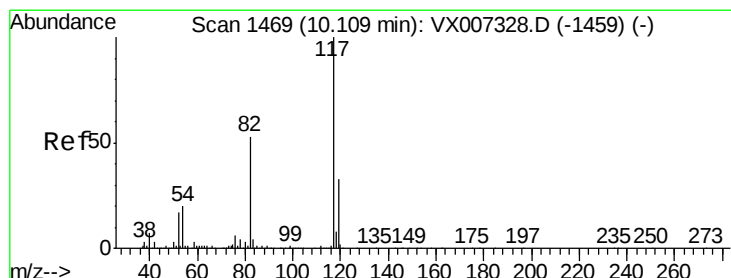
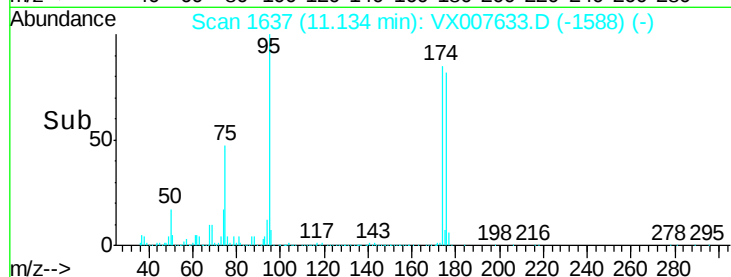
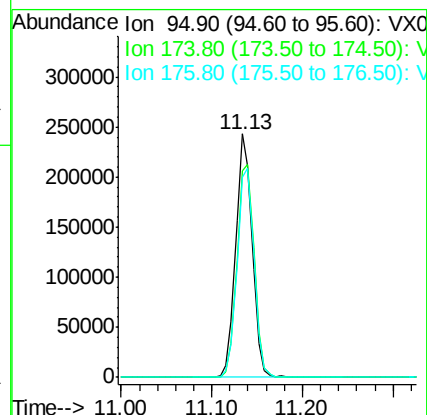
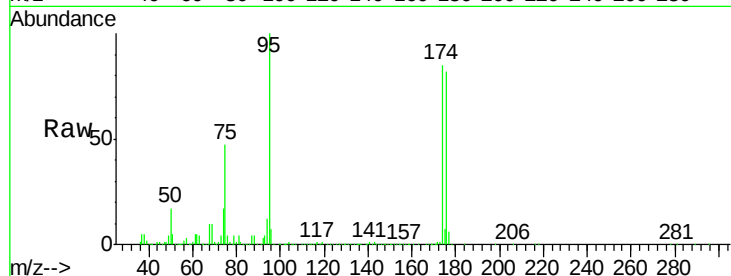
Tot Ion: 95 Resp: 305488

Ion Ratio Lower Upper

95 100

174 91.8 0.0 189.2

176 88.9 0.0 186.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

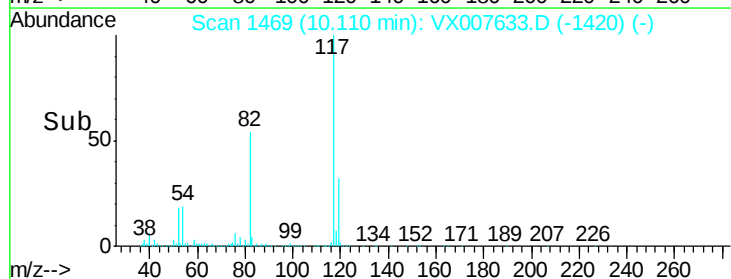
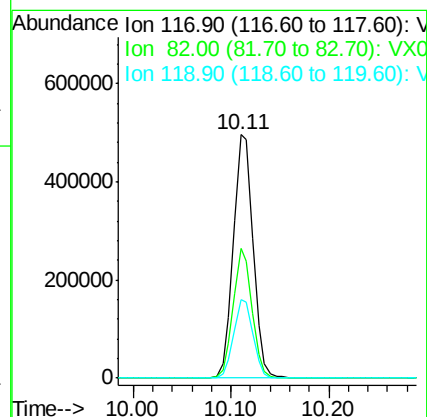
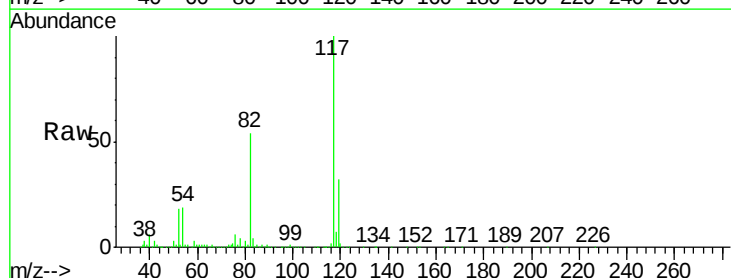
Tgt Ion: 117 Resp: 698447

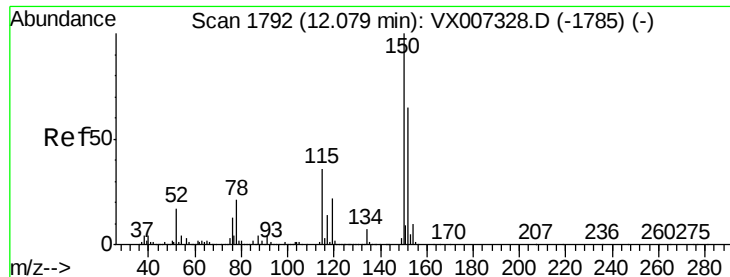
Ion Ratio Lower Upper

117 100

82 53.5 42.1 63.1

119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007633.D

Acq: 21 Feb 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#07

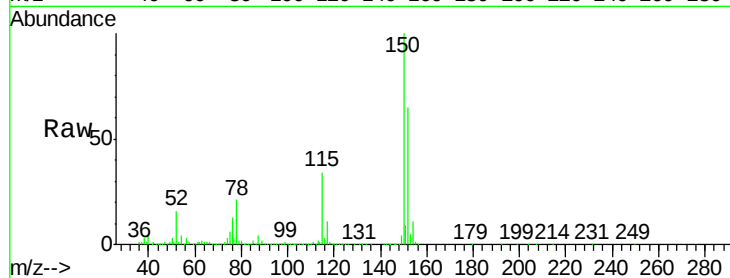
Tot Ion:152 Resp: 322608

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 157.2 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

