

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007639.D
 Acq On : 21 Feb 2019 18:56
 Operator : JC/SP
 Sample : PB117250ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#13

Quant Time: Feb 22 06:17:35 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	434865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	713020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	705453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331409	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	248446	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	
35) Dibromofluoromethane	5.50	113	234092	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	879619	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	314770	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

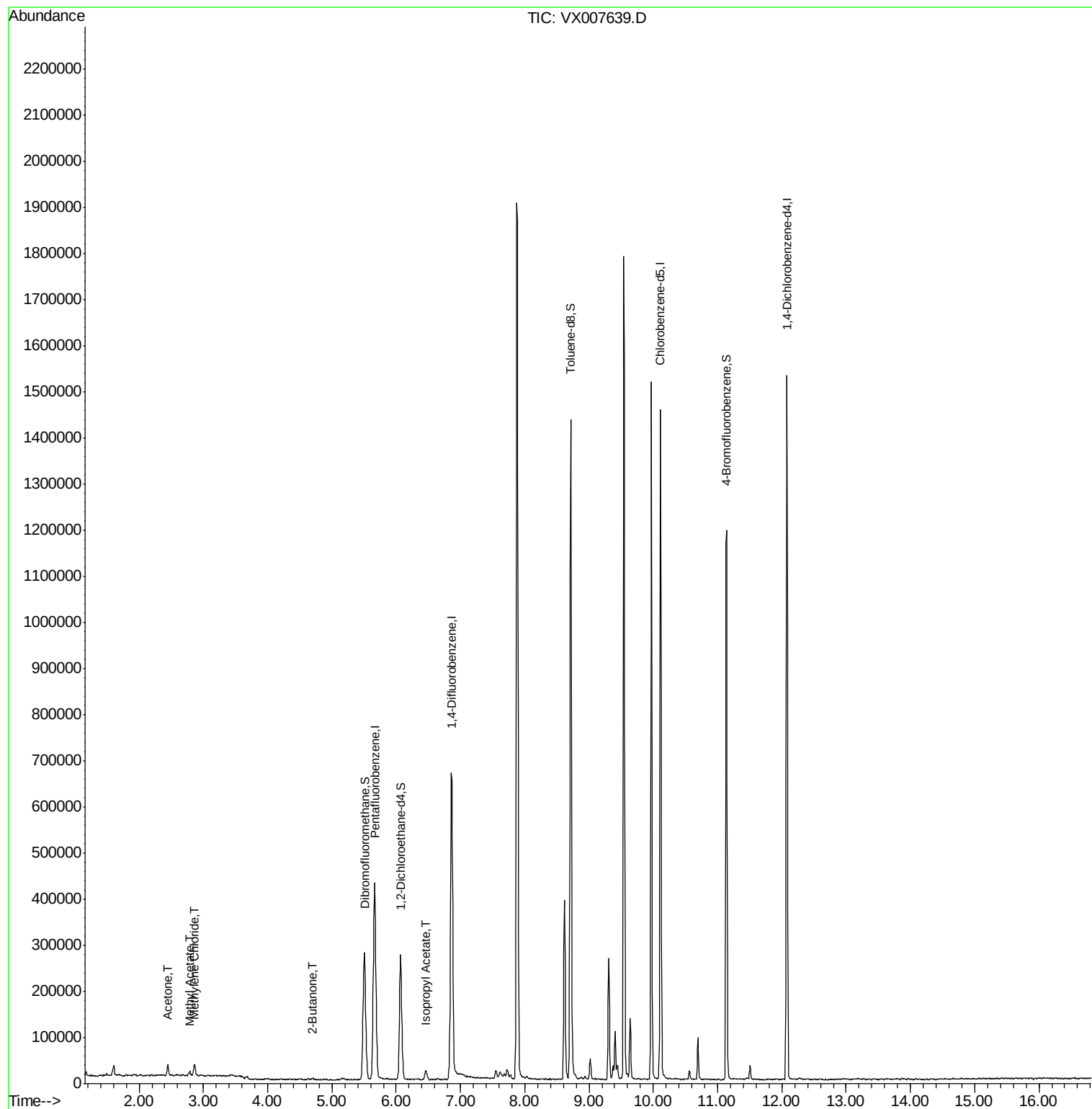
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	25745	12.176	ug/l	97
18) Methyl Acetate	2.78	43	13591	3.031	ug/l	98
20) Methylene Chloride	2.86	84	12937	2.623	ug/l	92
25) 2-Butanone	4.70	43	5136	1.707	ug/l	94
43) Isopropyl Acetate	6.46	43	25159	2.520	ug/l	94

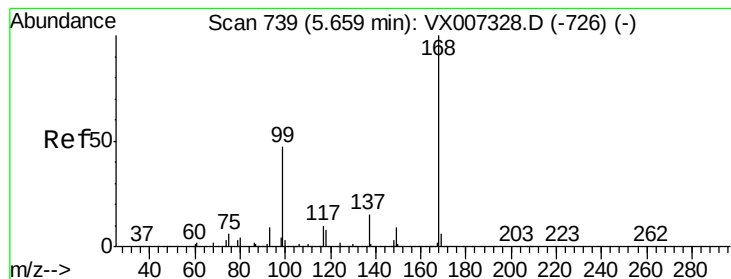
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007639.D

Acq: 21 Feb 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

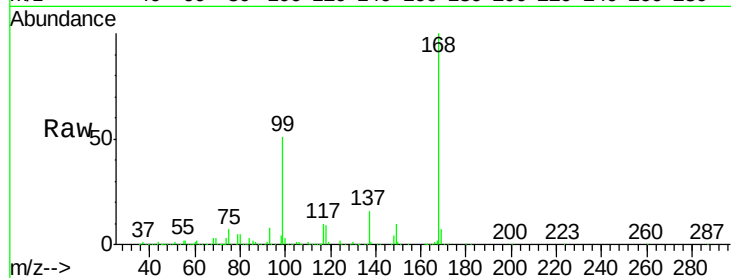
PB117250ZHE#13

Tot Ion:168 Resp: 434865

Ion Ratio Lower Upper

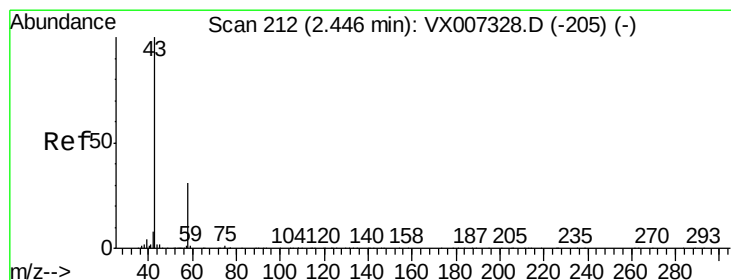
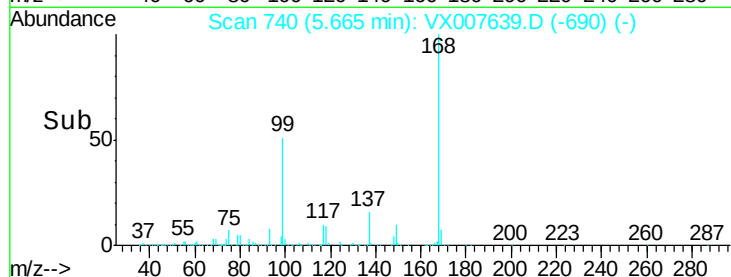
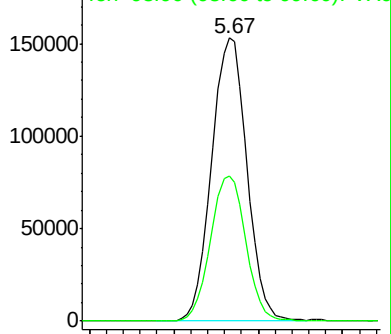
168 100

99 51.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.176 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007639.D

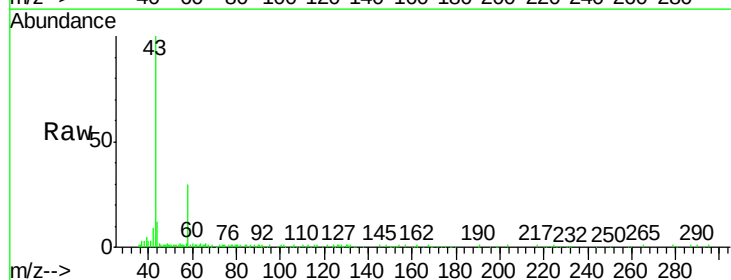
Acq: 21 Feb 2019 18:56

Tgt Ion: 43 Resp: 25745

Ion Ratio Lower Upper

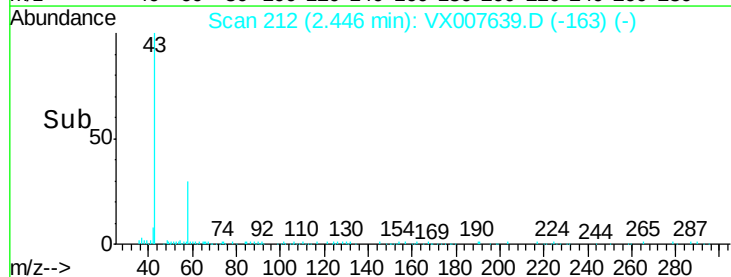
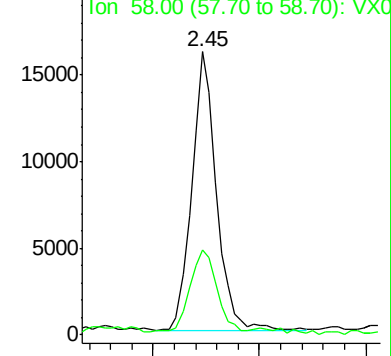
43 100

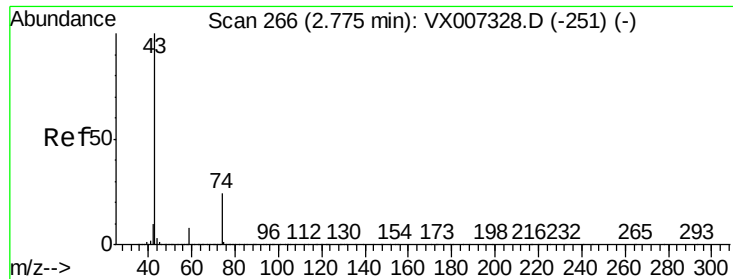
58 29.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 3.031 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007639.D

Acq: 21 Feb 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

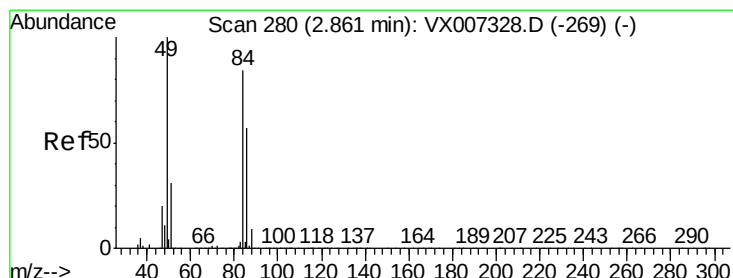
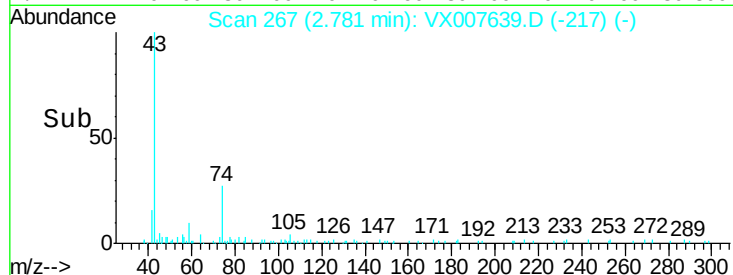
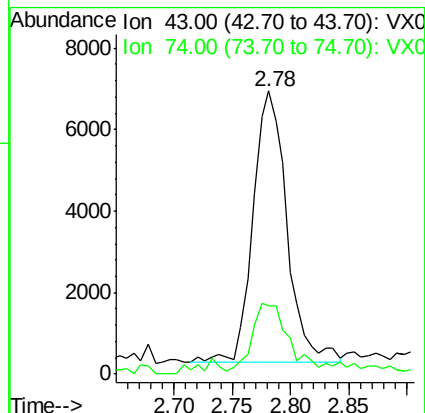
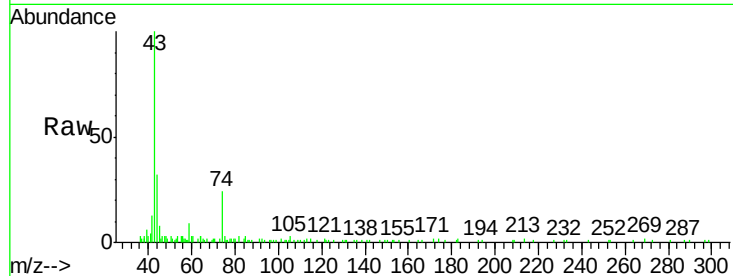
PB117250ZHE#13

Tot Ion: 43 Resp: 13591

Ion Ratio Lower Upper

43 100

74 25.5 19.4 29.2



#20

Methylene Chloride

Concen: 2.623 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007639.D

Acq: 21 Feb 2019 18:56

Tgt Ion: 84 Resp: 12937

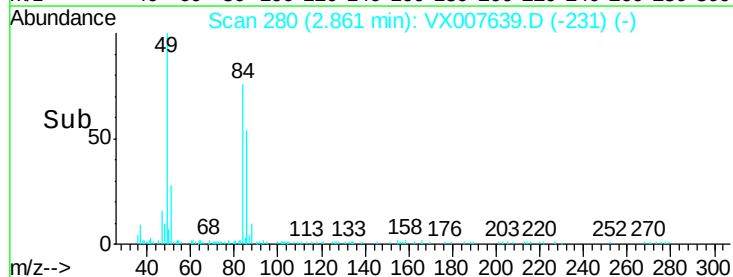
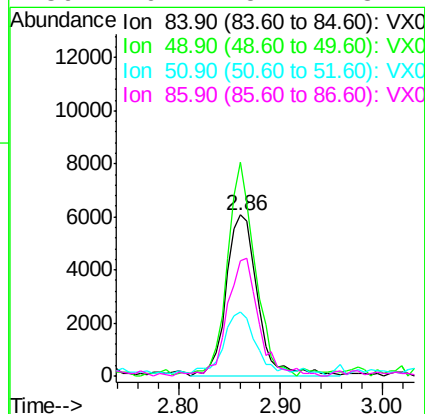
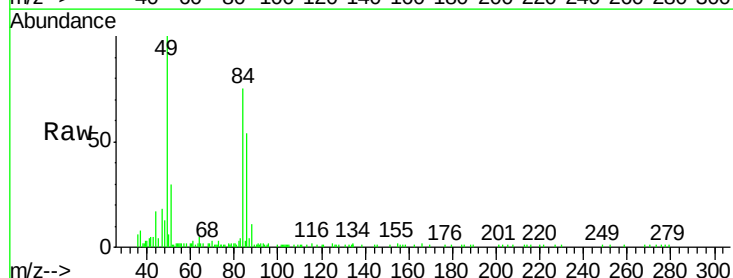
Ion Ratio Lower Upper

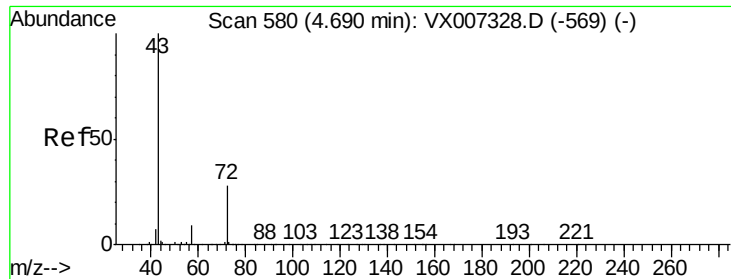
84 100

49 132.5 94.8 142.2

51 37.8 29.8 44.8

86 70.7 54.1 81.1

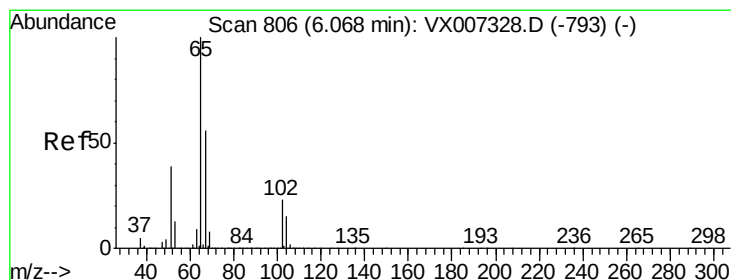
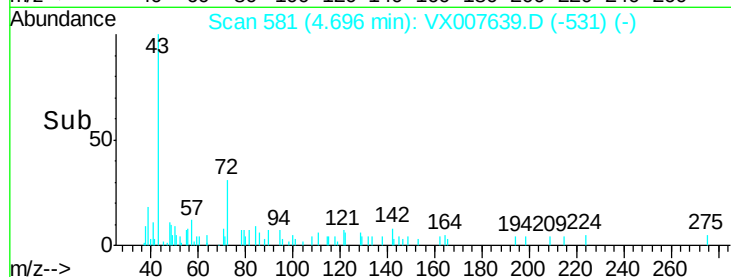
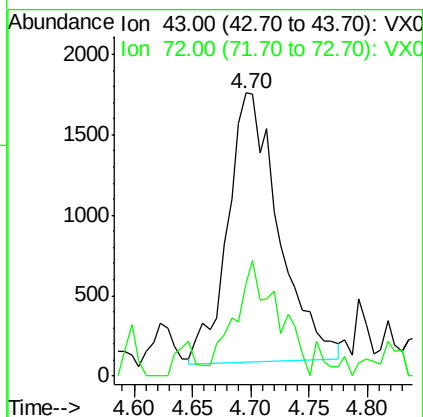
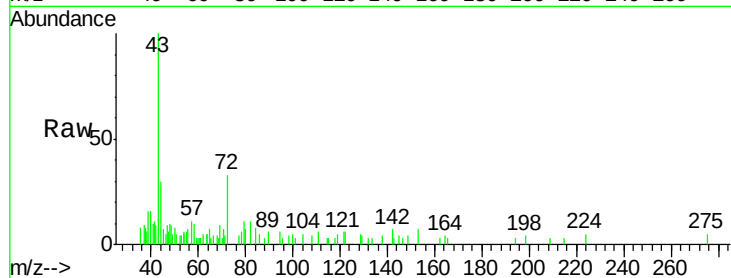




#25
2-Butanone
Concen: 1.707 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007639.D
Acq: 21 Feb 2019 18:56

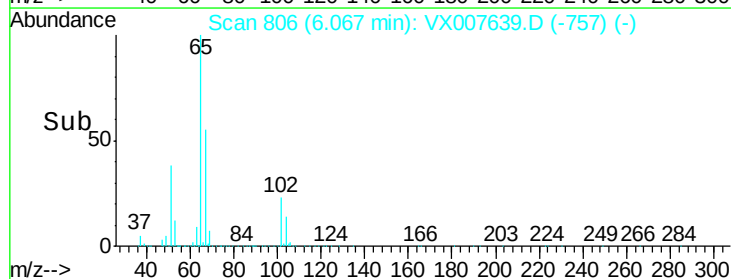
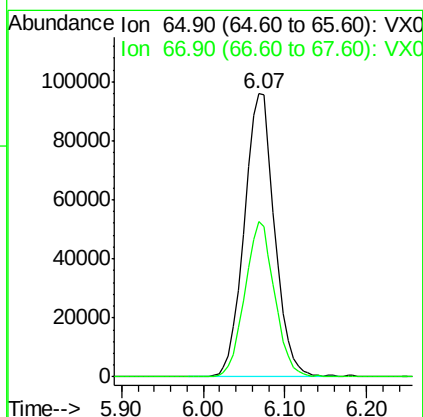
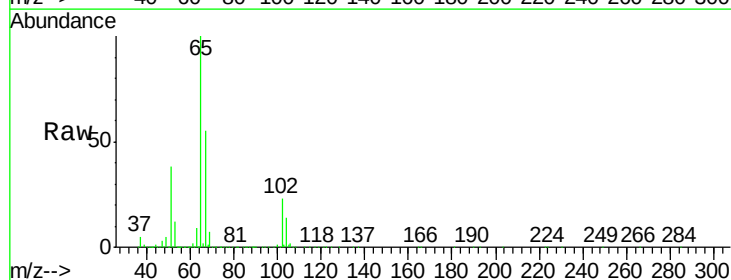
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#13

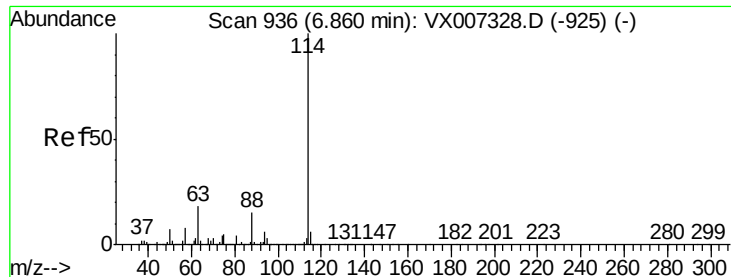
Tot Ion: 43 Resp: 5136
Ion Ratio Lower Upper
43 100
72 31.1 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 53.826 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007639.D
Acq: 21 Feb 2019 18:56

Tgt Ion: 65 Resp: 248446
Ion Ratio Lower Upper
65 100
67 53.7 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: VX007639.D

Acq: 21 Feb 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#13

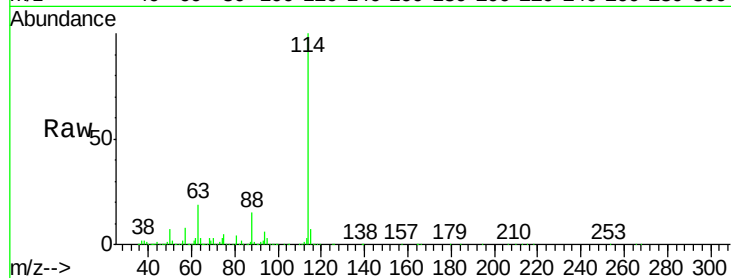
Tot Ion:114 Resp: 713020

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

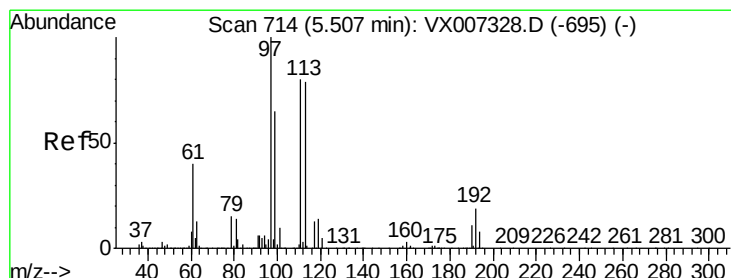
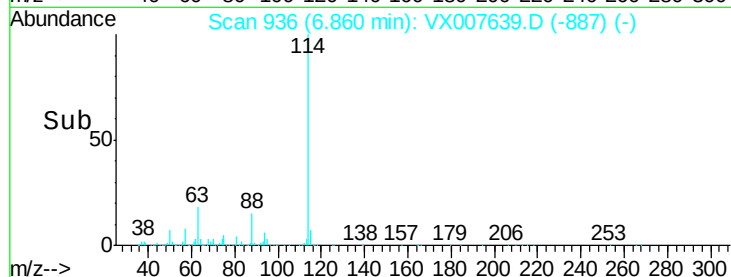
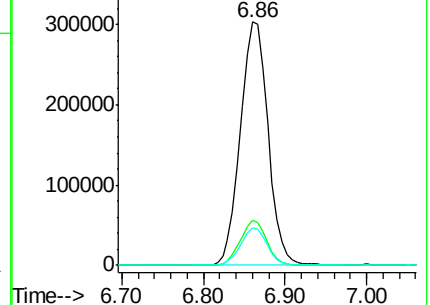
88 15.2 0.0 29.6



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: 50.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007639.D

Acq: 21 Feb 2019 18:56

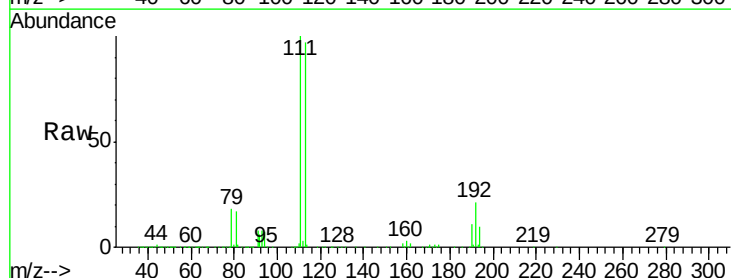
Tgt Ion:113 Resp: 234092

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

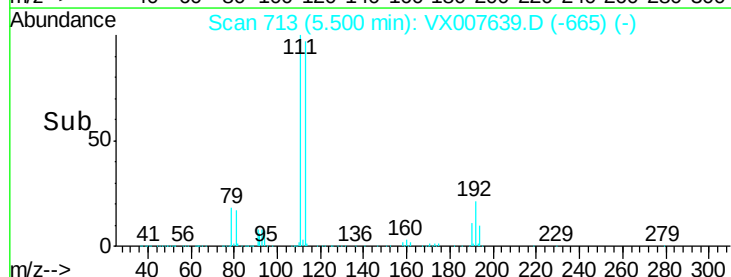
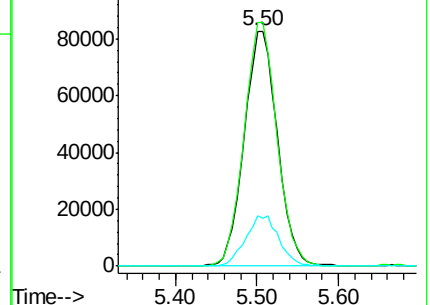
192 21.6 18.5 27.7

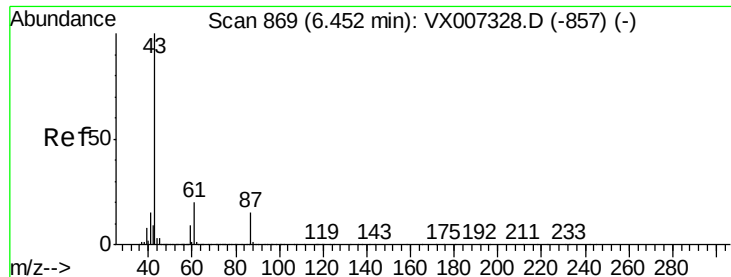


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

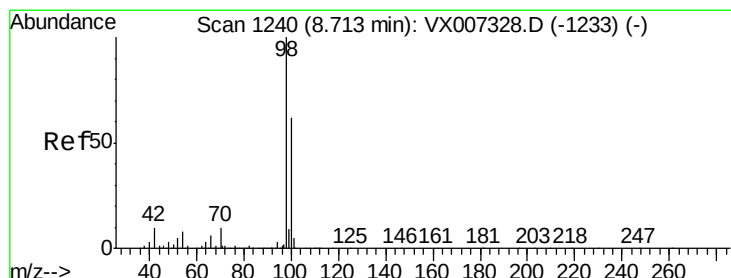
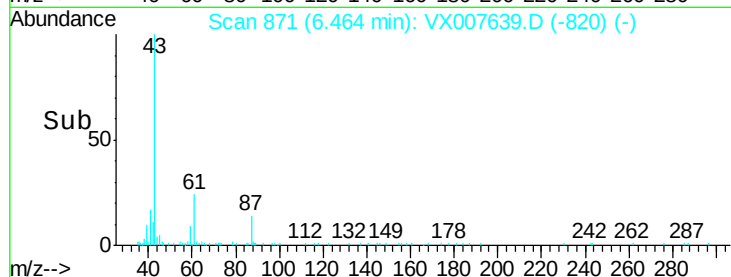
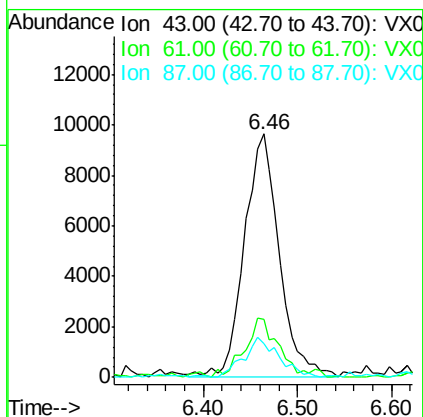
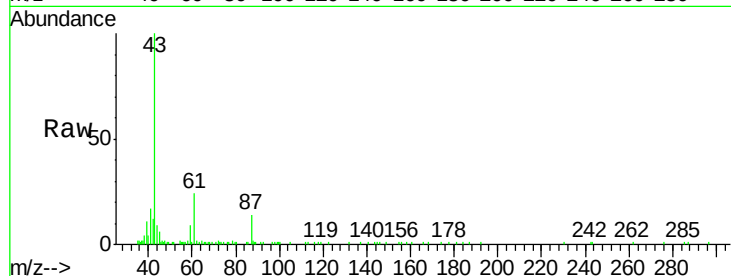




#43
Isopropyl Acetate
Concen: 2.520 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007639.D
Acq: 21 Feb 2019 18:56

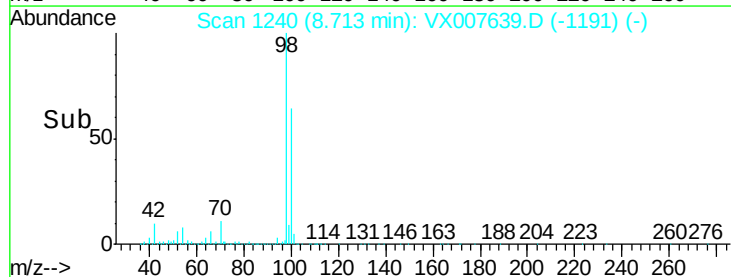
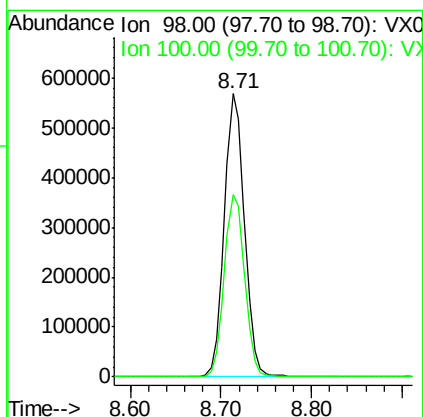
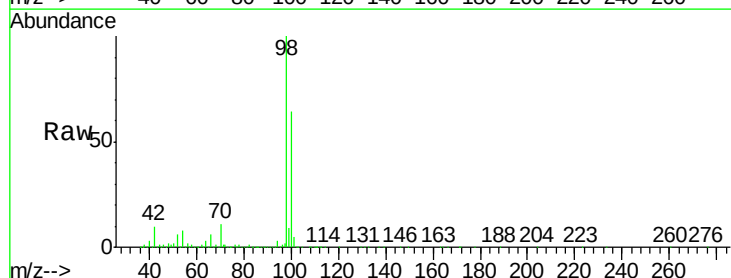
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#13

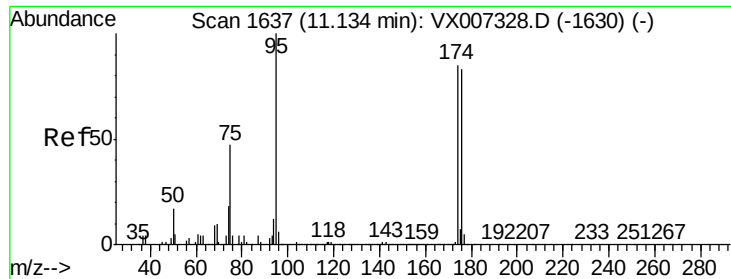
Tot Ion: 43 Resp: 25159
Ion Ratio Lower Upper
43 100
61 23.2 16.1 24.1
87 16.2 11.5 17.3



#50
Toluene-d8
Concen: 51.102 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007639.D
Acq: 21 Feb 2019 18:56

Tgt Ion: 98 Resp: 879619
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 50.087 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007639.D

Acq: 21 Feb 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#13

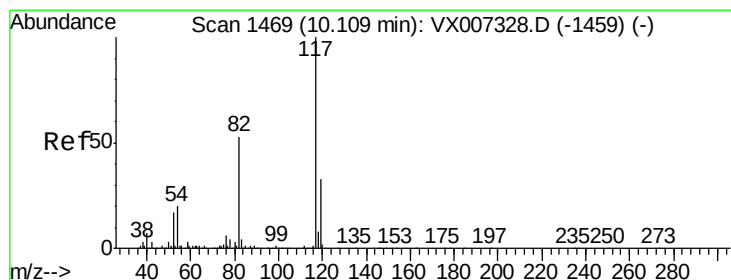
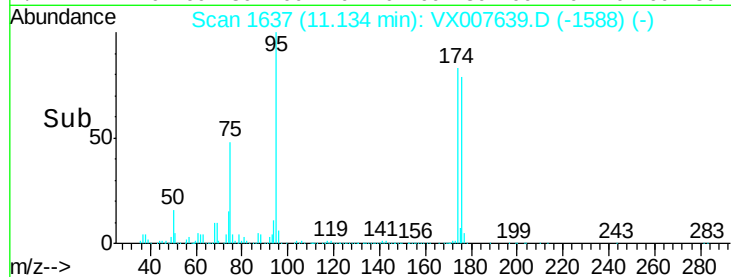
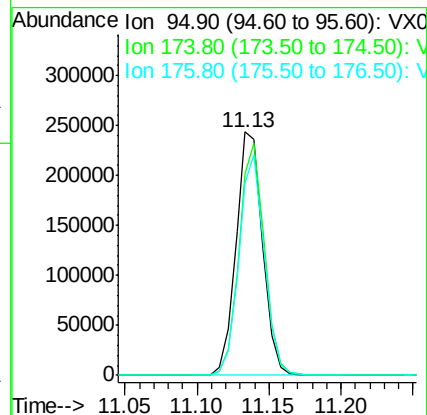
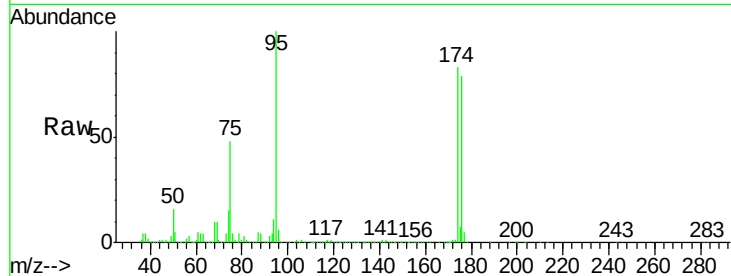
Tot Ion: 95 Resp: 314770

Ion Ratio Lower Upper

95 100

174 90.9 0.0 189.2

176 86.5 0.0 186.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007639.D

Acq: 21 Feb 2019 18:56

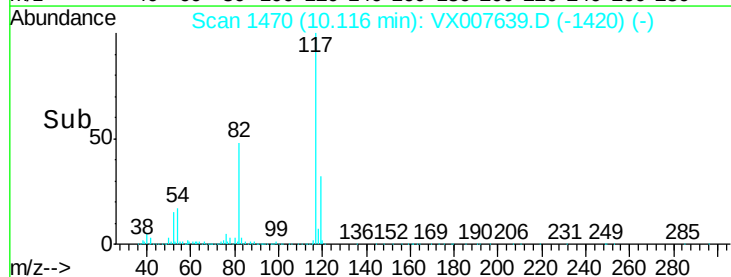
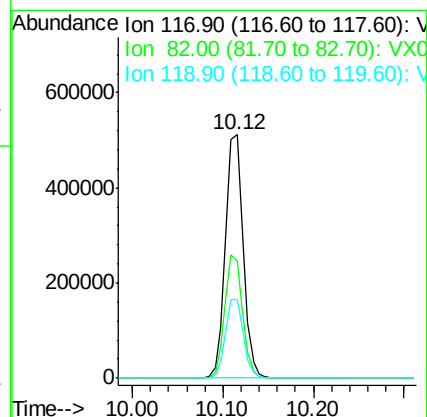
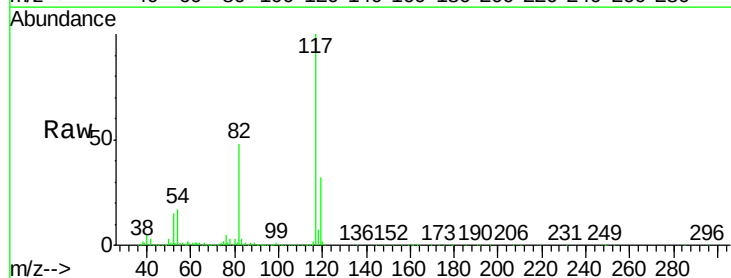
Tgt Ion: 117 Resp: 705453

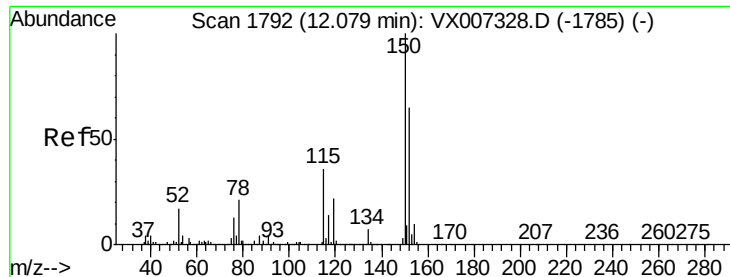
Ion Ratio Lower Upper

117 100

82 47.8 42.1 63.1

119 32.4 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: VX007639.D

Acq: 21 Feb 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#13

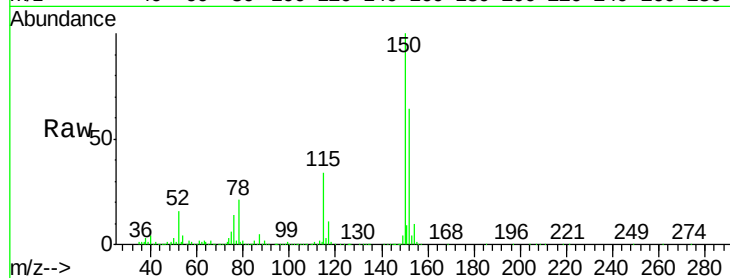
Tot Ion:152 Resp: 331409

Ion Ratio Lower Upper

152 100

115 54.2 38.0 114.0

150 154.6 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

