

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006993.D
 Acq On : 10 Jan 2019 16:41
 Operator : JC/MD
 Sample : K1099-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16

Quant Time: Jan 11 07:54:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

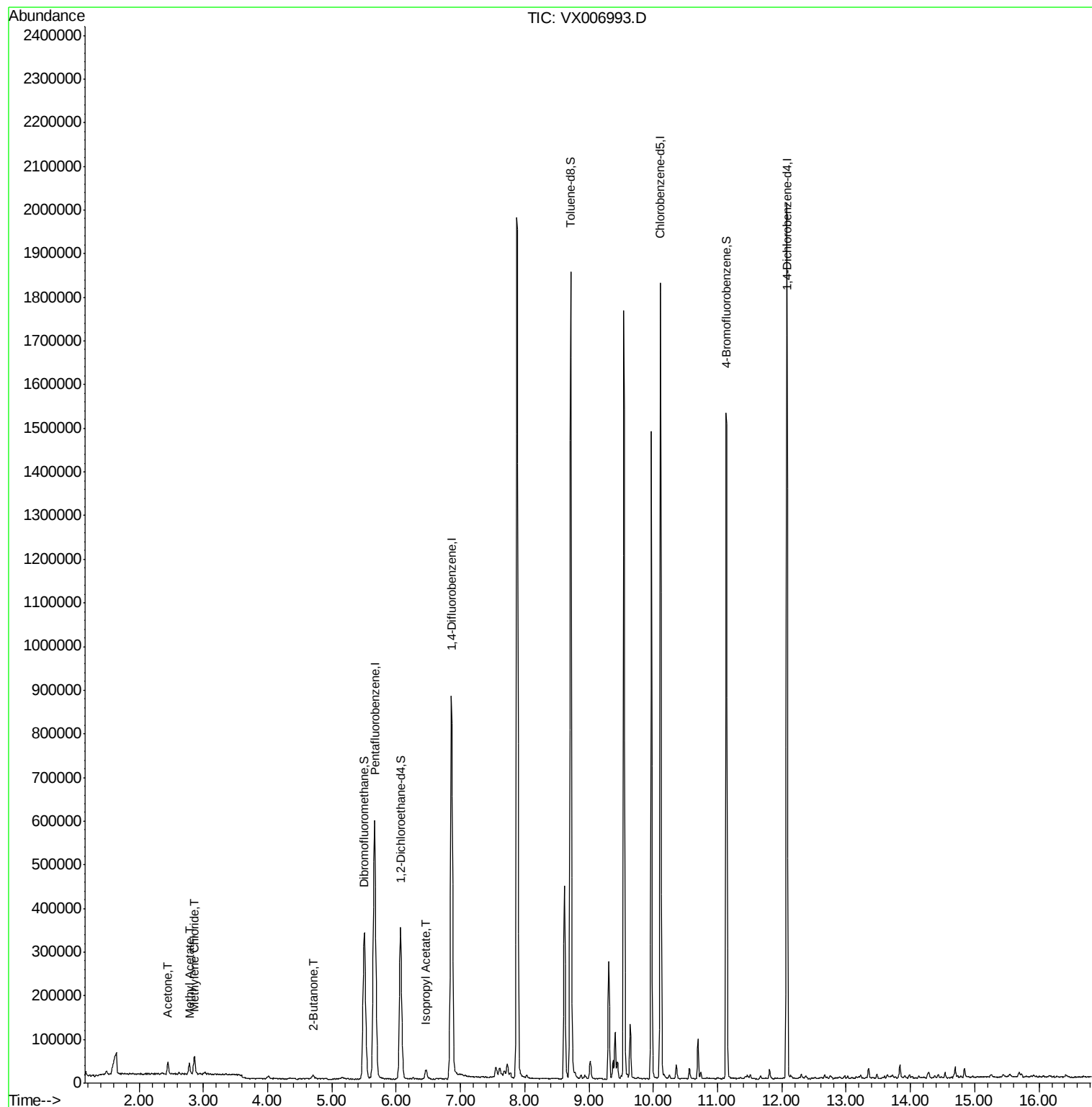
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	616900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	942129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	891752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	323967	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	287335	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	8.71	98	1132943	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.13	95	401842	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
16) Acetone	2.45	43	30429	9.547	ug/l	98
18) Methyl Acetate	2.78	43	31099	3.369	ug/l	95
20) Methylene Chloride	2.85	84	19298	2.647	ug/l	98
25) 2-Butanone	4.70	43	14701	3.224	ug/l	93
43) Isopropyl Acetate	6.46	43	27900	2.014	ug/l	96

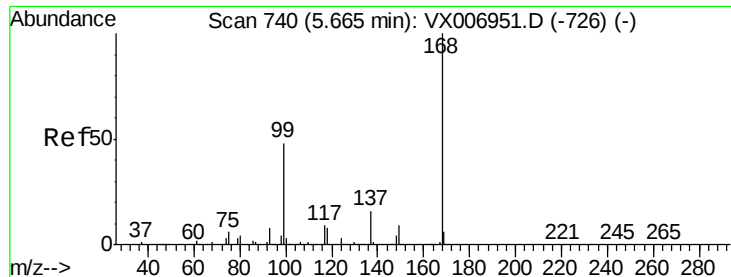
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006993.D

Acq: 10 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

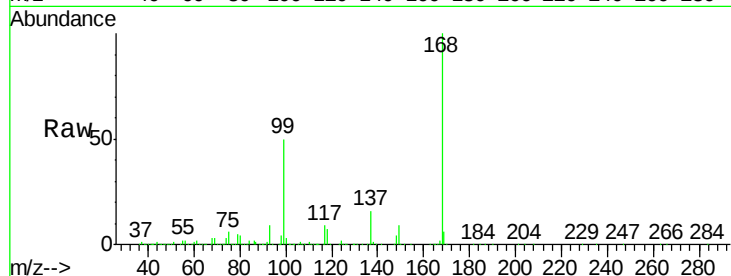
TP-16

Tot Ion:168 Resp: 616900

Ion Ratio Lower Upper

168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

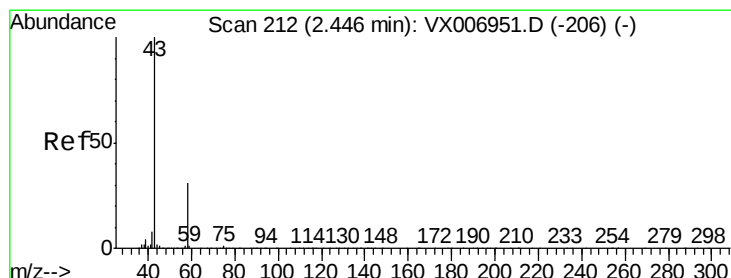
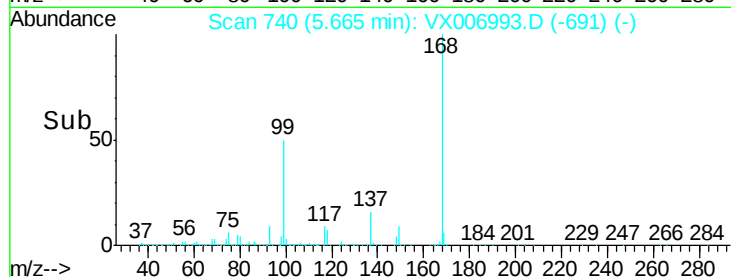
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.547 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006993.D

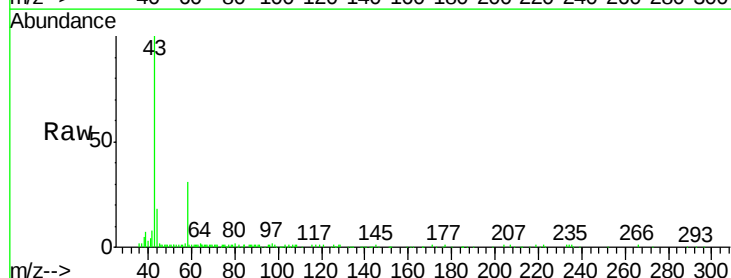
Acq: 10 Jan 2019 16:41

Tgt Ion: 43 Resp: 30429

Ion Ratio Lower Upper

43 100

58 30.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

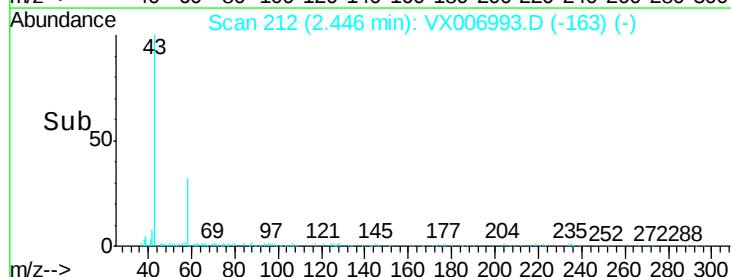
15000

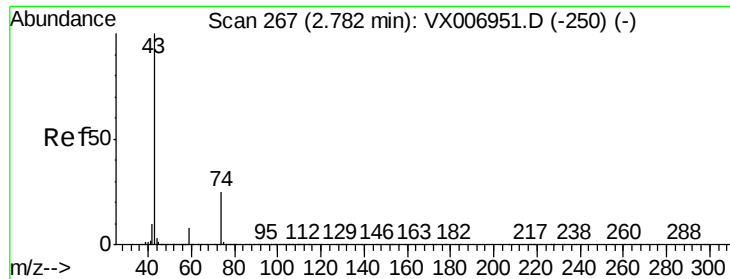
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

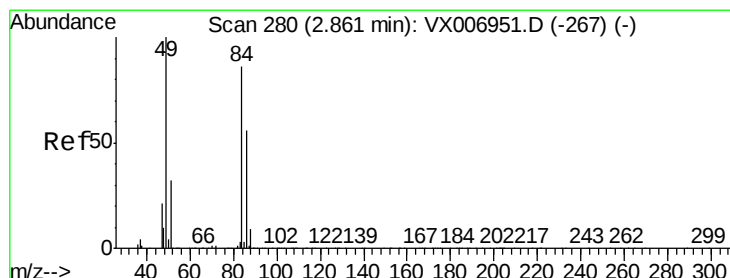
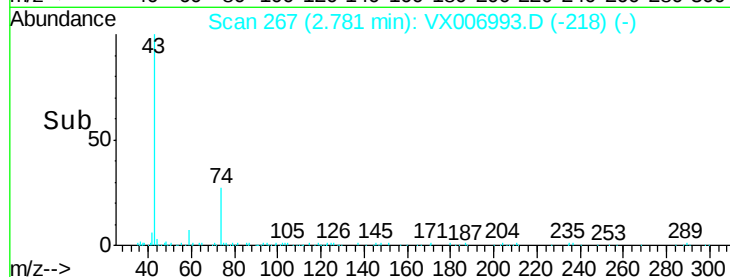
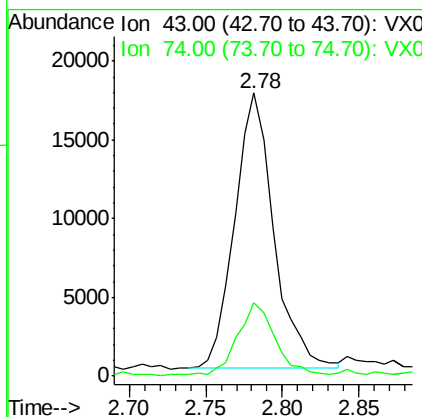
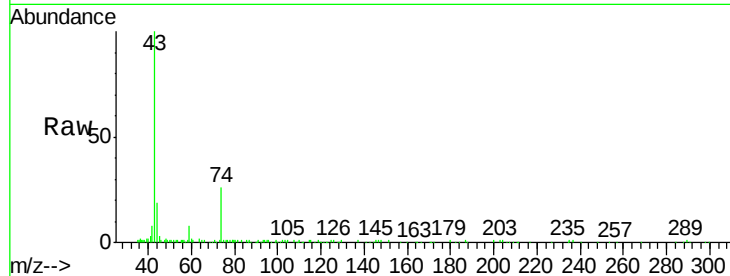




#18
Methyl Acetate
Concen: 3.369 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006993.D
Acq: 10 Jan 2019 16:41

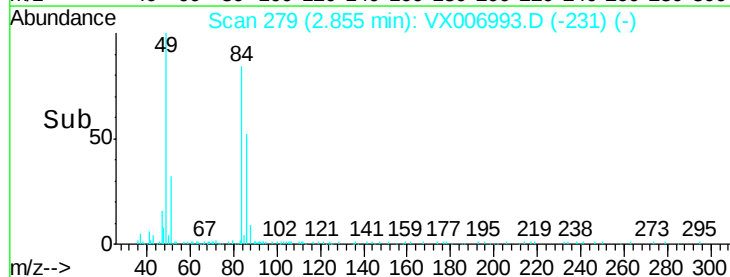
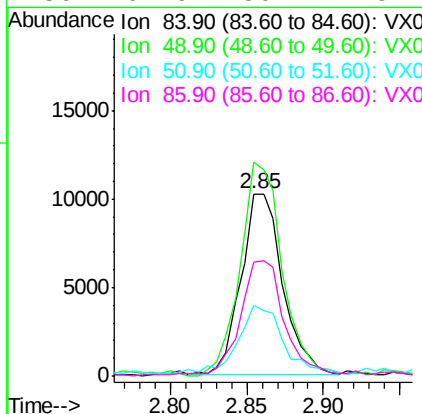
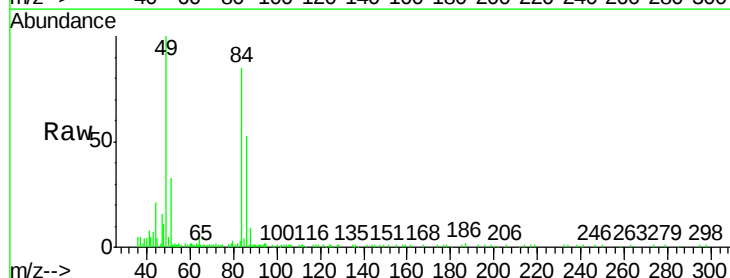
Instrument :
MSVOA_X
ClientSampled :
TP-16

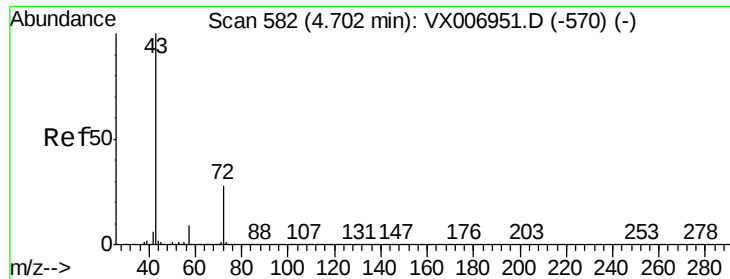
Tot Ion: 43 Resp: 31099
Ion Ratio Lower Upper
43 100
74 25.7 18.6 28.0



#20
Methylene Chloride
Concen: 2.647 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006993.D
Acq: 10 Jan 2019 16:41

Tgt Ion: 84 Resp: 19298
Ion Ratio Lower Upper
84 100
49 117.0 91.8 137.6
51 37.0 28.5 42.7
86 61.9 50.2 75.2





#25

2-Butanone

Concen: 3.224 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006993.D

Acq: 10 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

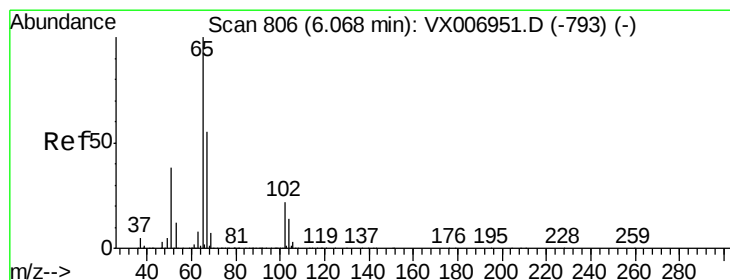
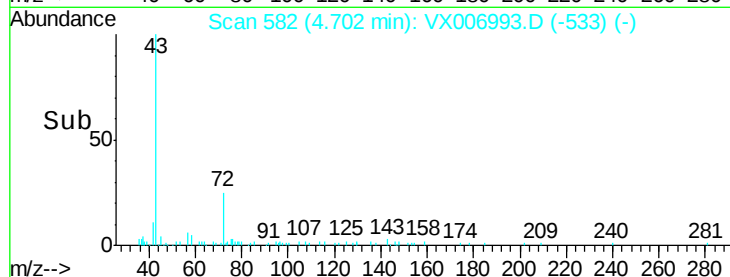
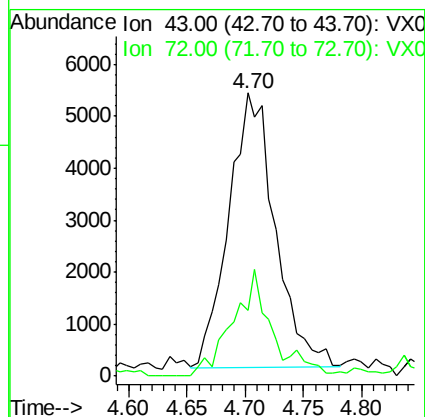
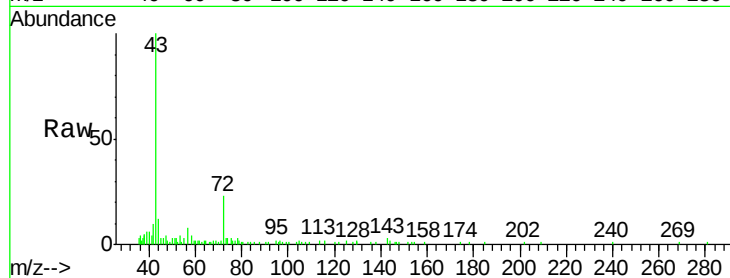
TP-16

Tot Ion: 43 Resp: 14701

Ion Ratio Lower Upper

43 100

72 24.3 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 50.250 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006993.D

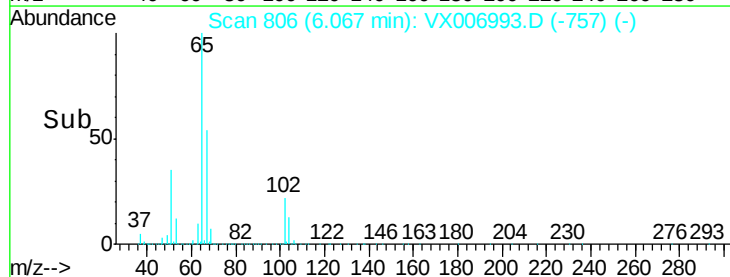
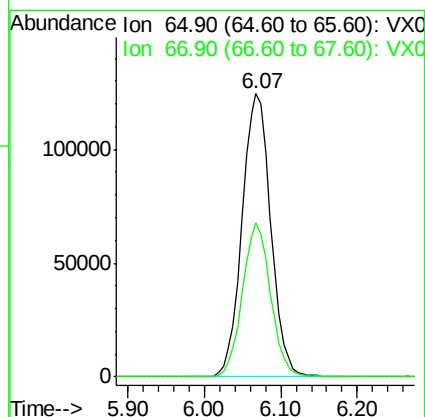
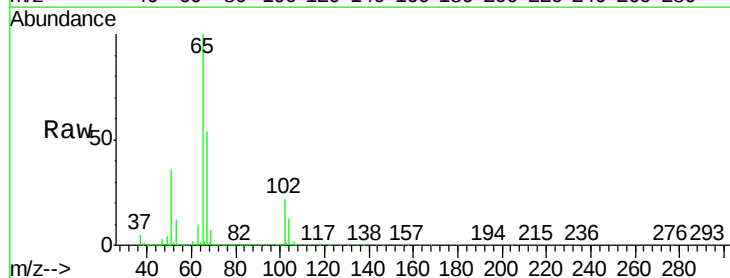
Acq: 10 Jan 2019 16:41

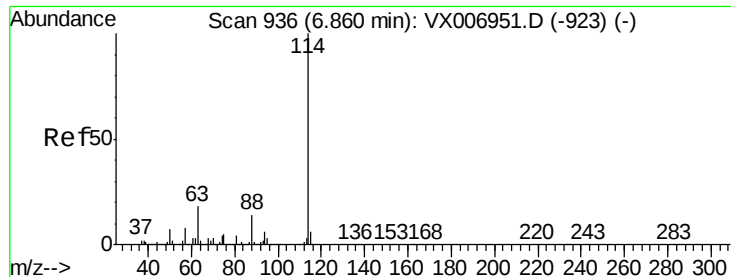
Tgt Ion: 65 Resp: 323967

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006993.D

Acq: 10 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

TP-16

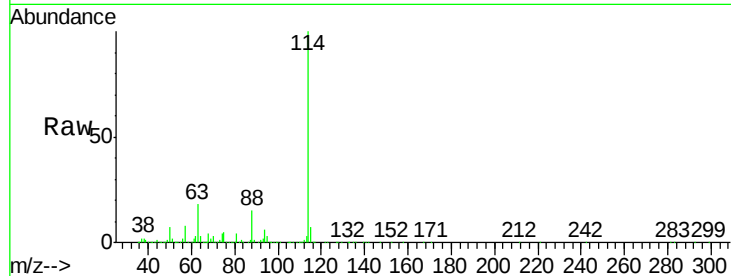
Tot Ion:114 Resp: 942129

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

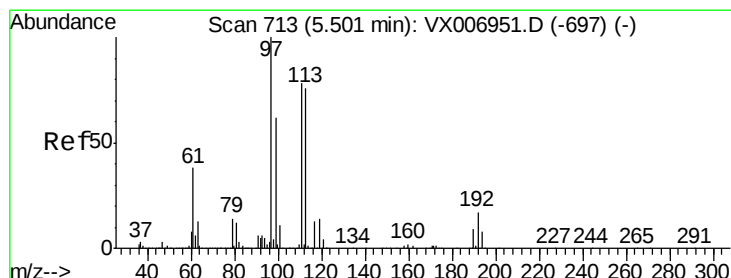
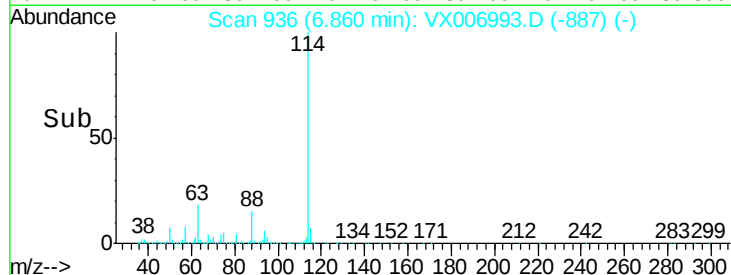
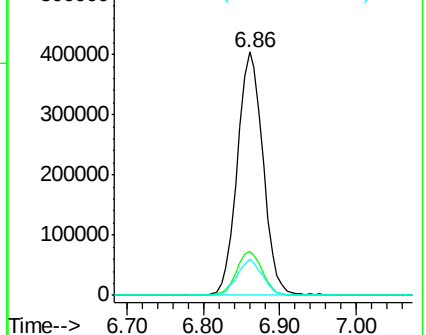
88 14.7 0.0 28.8



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: 47.625 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006993.D

Acq: 10 Jan 2019 16:41

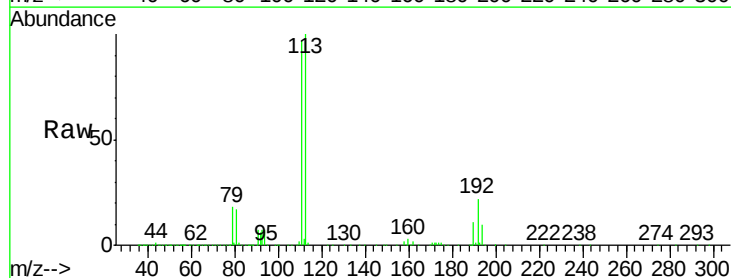
Tgt Ion:113 Resp: 287335

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

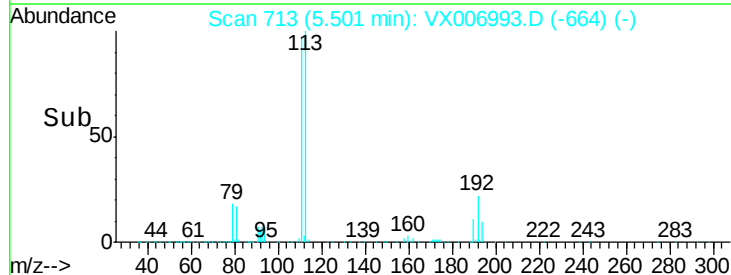
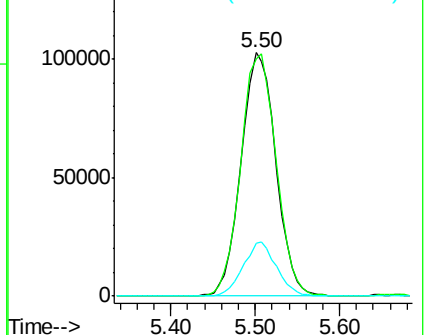
192 21.5 16.7 25.1

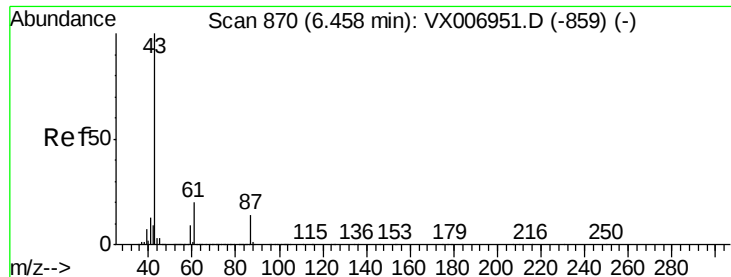


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



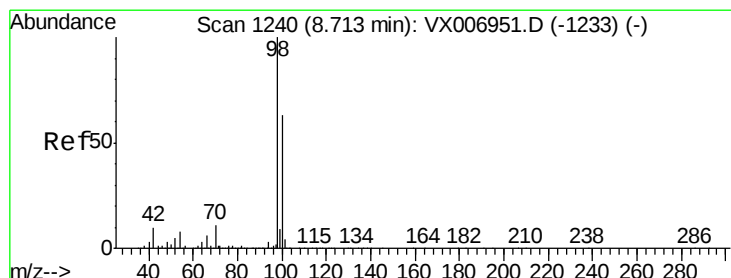
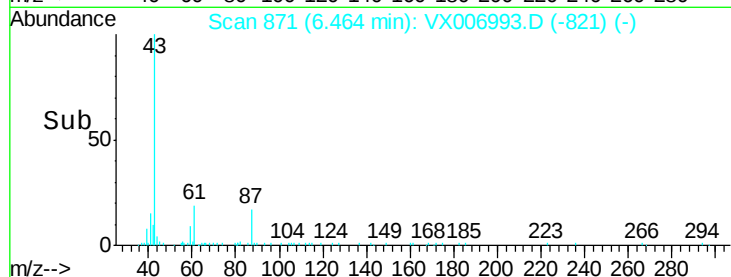
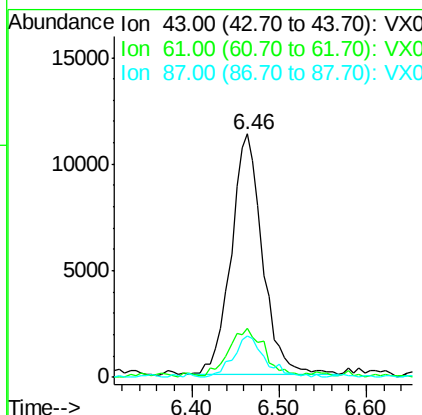
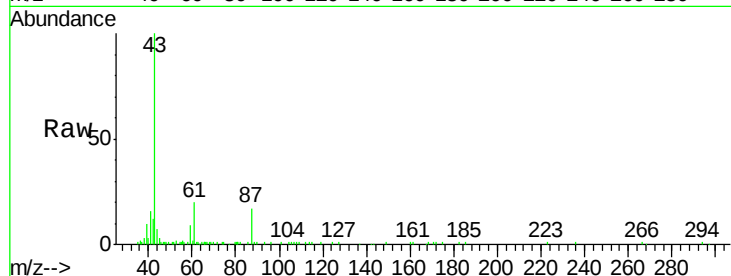


#43

Isopropyl Acetate
 Concen: 2.014 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006993.D
 Acq: 10 Jan 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16

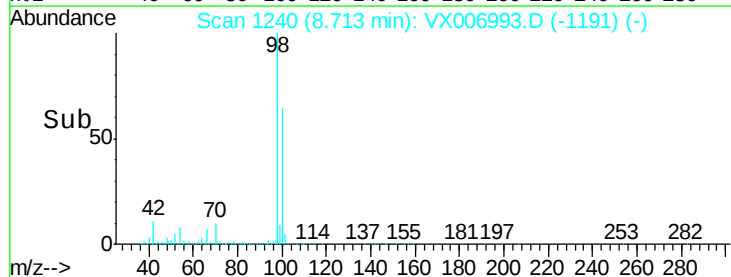
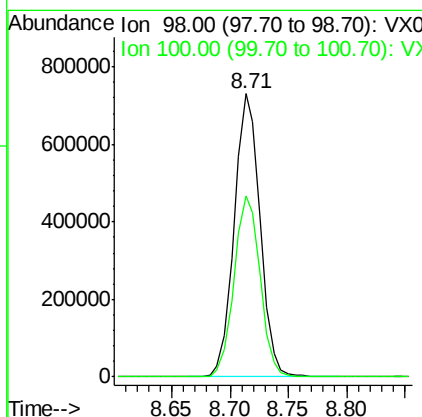
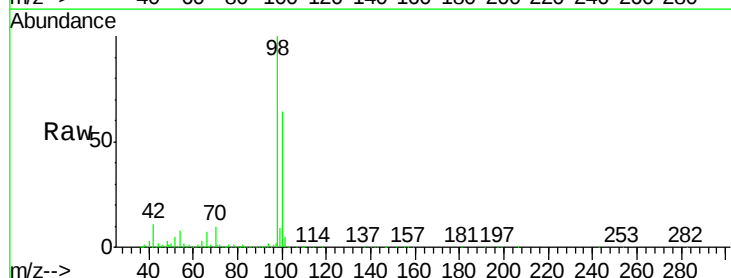
Tot Ion	43	Resp	27900
Ion Ratio	Lower	Upper	
43	100		
61	22.1	16.8	25.2
87	17.7	12.4	18.6

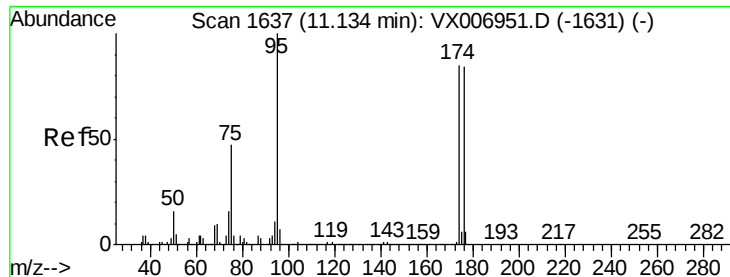


#50

Toluene-d8
 Concen: 51.302 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006993.D
 Acq: 10 Jan 2019 16:41

Tgt Ion	98	Resp	1132943
Ion Ratio	Lower	Upper	
98	100		
100	64.2	52.0	78.0

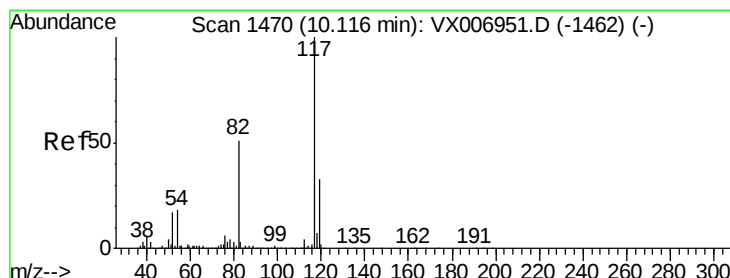
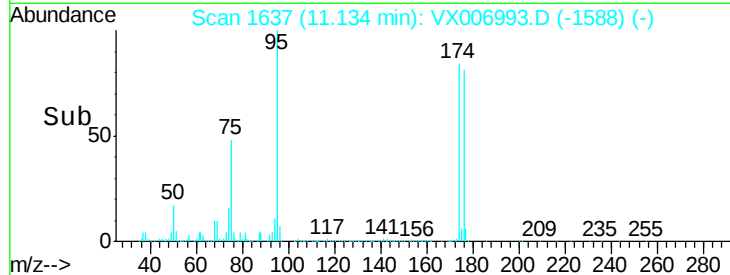
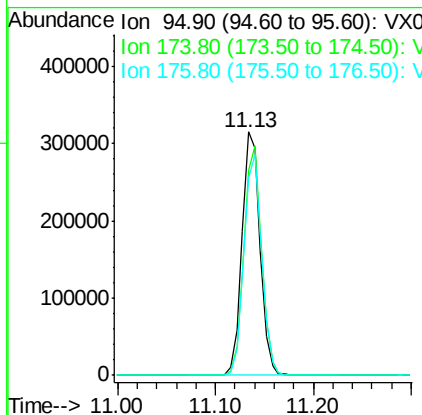
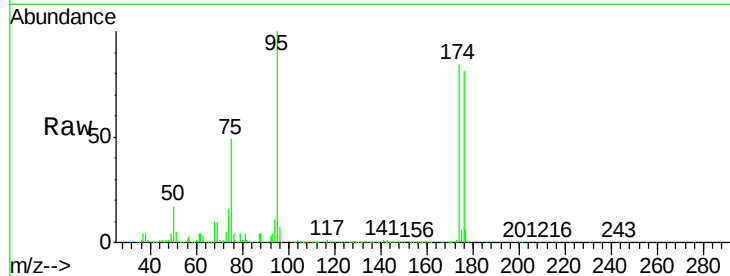




#62
4-Bromofluorobenzene
Concen: 52.194 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006993.D
Acq: 10 Jan 2019 16:41

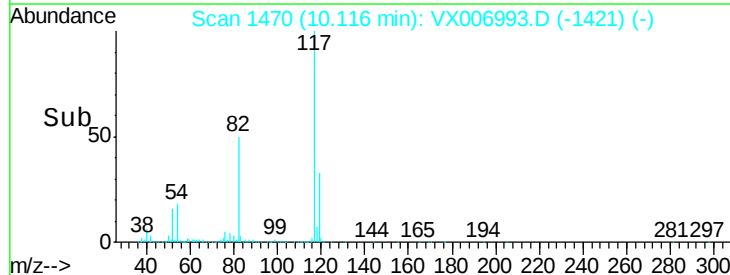
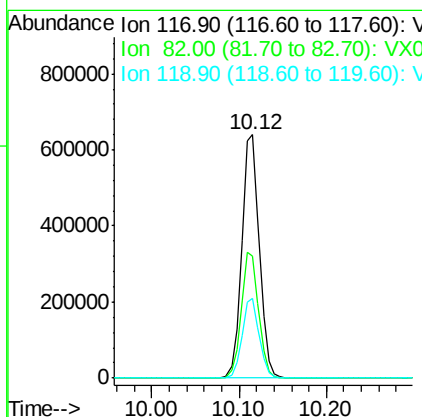
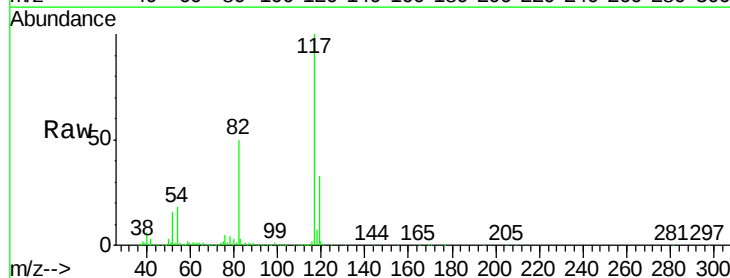
Instrument :
MSVOA_X
ClientSampleId :
TP-16

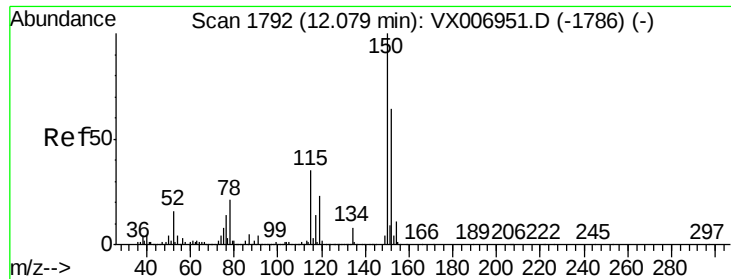
Tot Ion: 95 Resp: 401842
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.2
176 89.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006993.D
Acq: 10 Jan 2019 16:41

Tgt Ion: 117 Resp: 891752
Ion Ratio Lower Upper
117 100
82 50.2 41.0 61.6
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006993.D

Acq: 10 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

TP-16

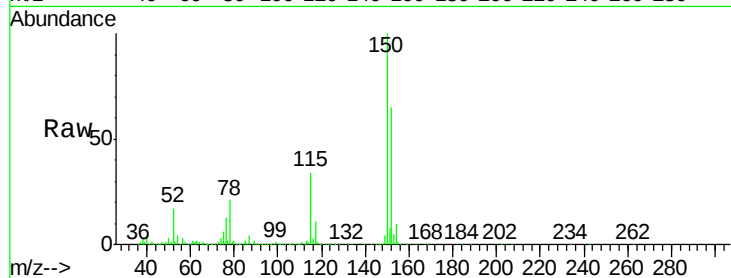
Tot Ion:152 Resp: 430080

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

150 155.3 0.0 344.8



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

