

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008836.D
 Acq On : 11 Apr 2019 04:15
 Operator : JC/SP
 Sample : K2342-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-S

Quant Time: Apr 11 08:42:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

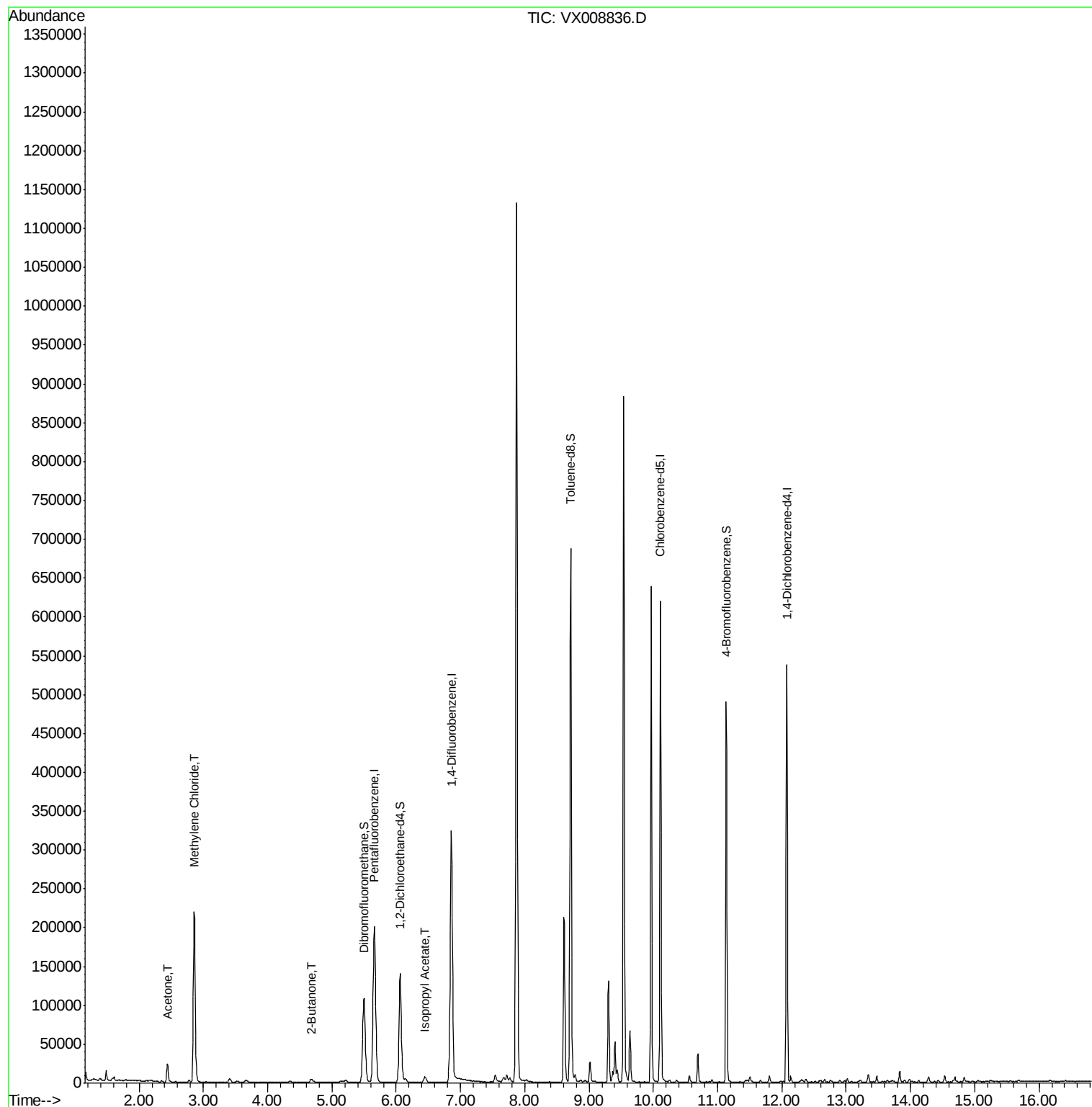
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129612	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	5.49	113	94512	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	396551	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	128952	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
16) Acetone	2.44	43	26003	16.002	ug/l	100
20) Methylene Chloride	2.85	84	101415	37.284	ug/l	95
25) 2-Butanone	4.68	43	9018	3.511	ug/l	92
43) Isopropyl Acetate	6.45	43	10432	1.464	ug/l	98

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

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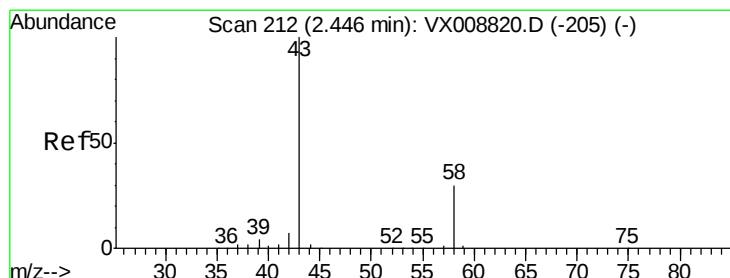
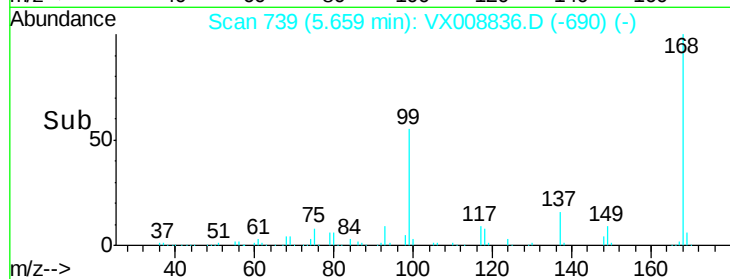
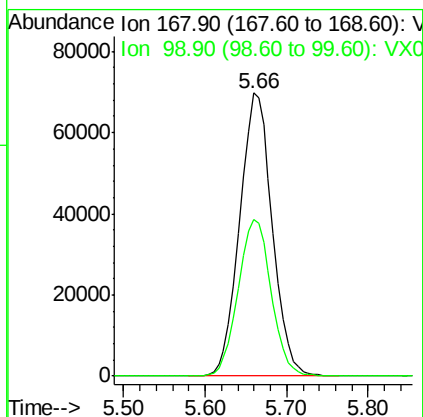
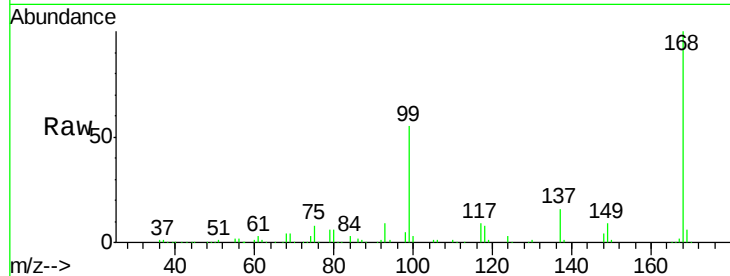




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008836.D
Acq: 11 Apr 2019 04:15

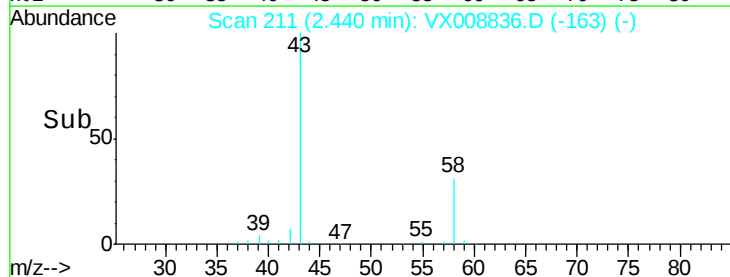
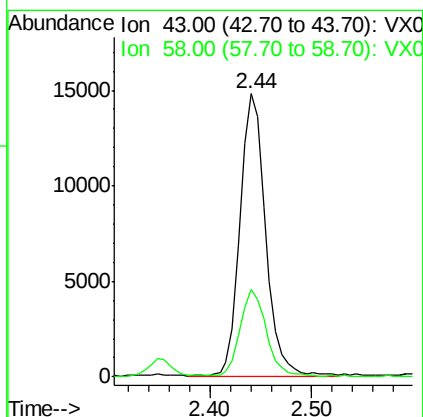
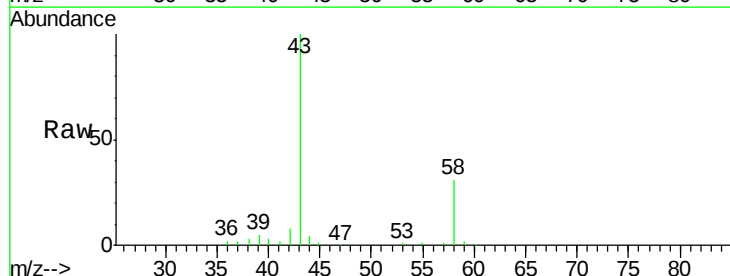
Instrument :
MSVOA_X
ClientSampleId :
TP-11-S

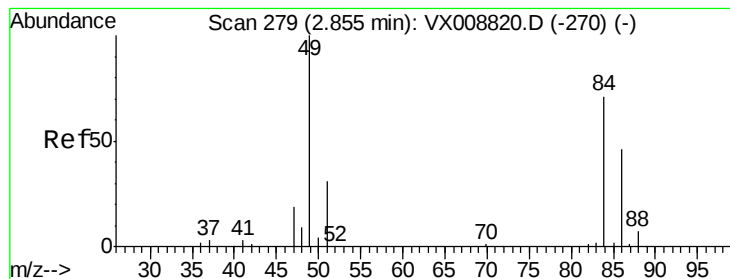
Tot Ion:168 Resp: 193435
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#16
Acetone
Concen: 16.002 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008836.D
Acq: 11 Apr 2019 04:15

Tgt Ion: 43 Resp: 26003
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2





#20

Methvlene Chloride

Concen: 37.284 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008836.D

Acq: 11 Apr 2019 04:15

Instrument :

MSVOA_X

ClientSampled :

TP-11-S

Tot Ion: 84 Resp: 101415

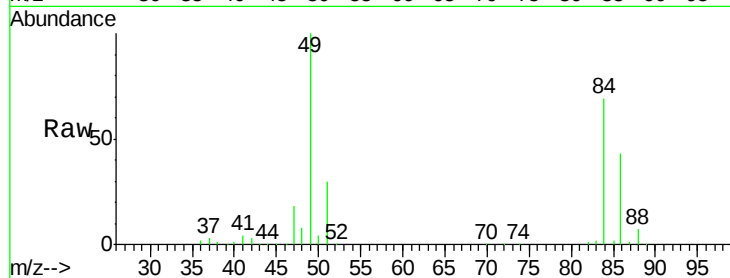
Ion Ratio Lower Upper

84 100

49 145.1 109.7 164.5

51 43.0 33.6 50.4

86 62.3 51.4 77.2

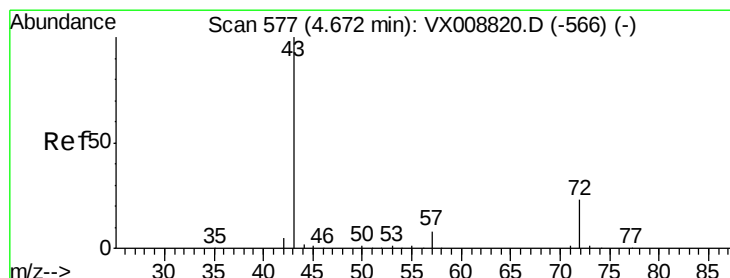
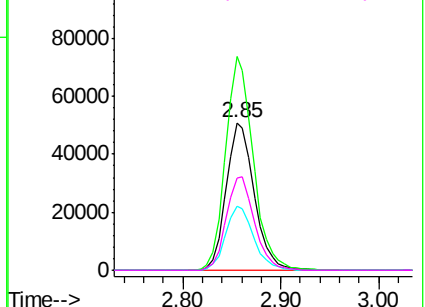
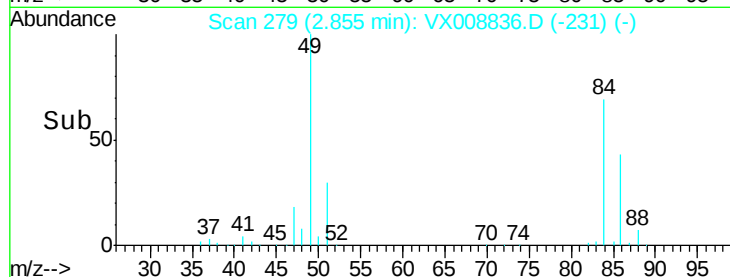


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 3.511 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008836.D

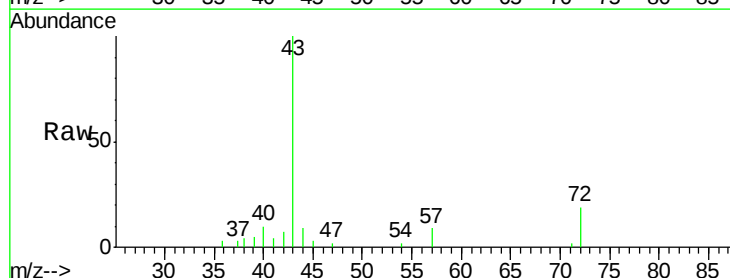
Acq: 11 Apr 2019 04:15

Tgt Ion: 43 Resp: 9018

Ion Ratio Lower Upper

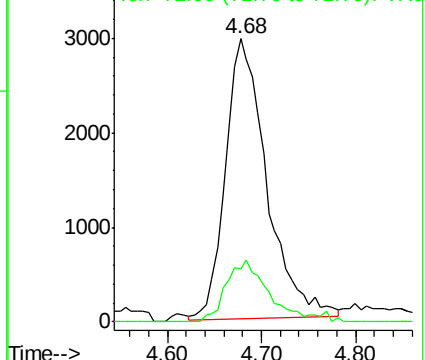
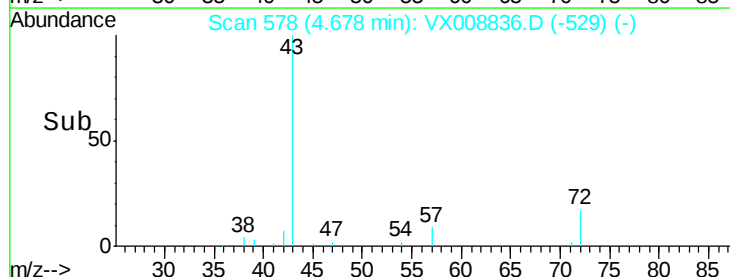
43 100

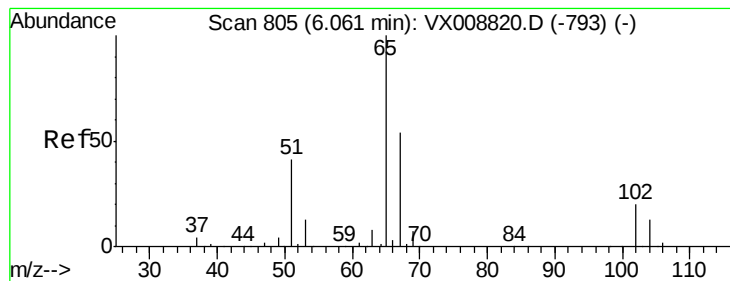
72 19.1 18.2 27.4



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: 45.939 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008836.D

Acq: 11 Apr 2019 04:15

Instrument :

MSVOA_X

ClientSampled :

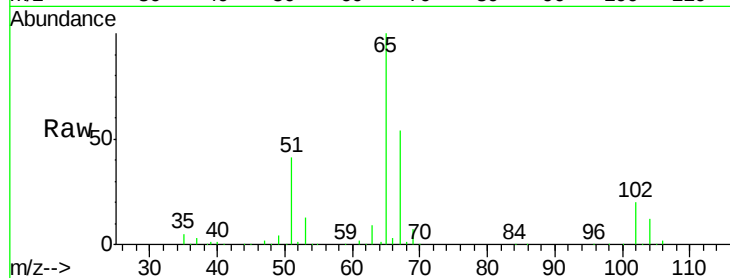
TP-11-S

Tot Ion: 65 Resp: 129612

Ion Ratio Lower Upper

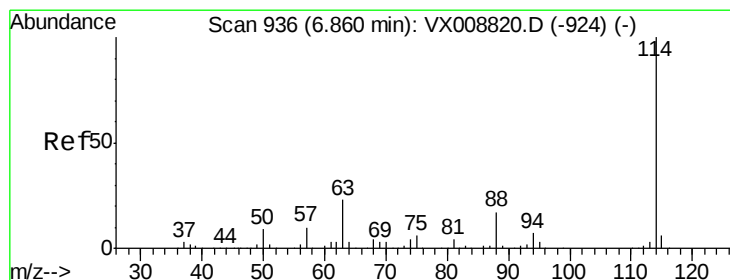
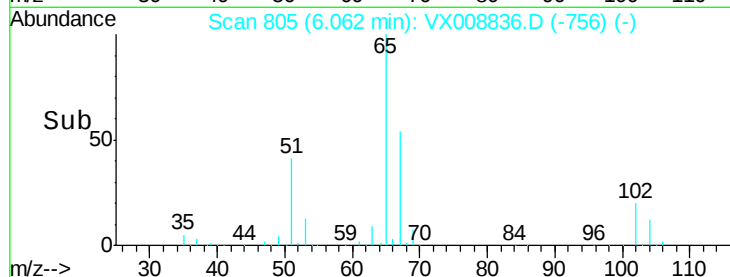
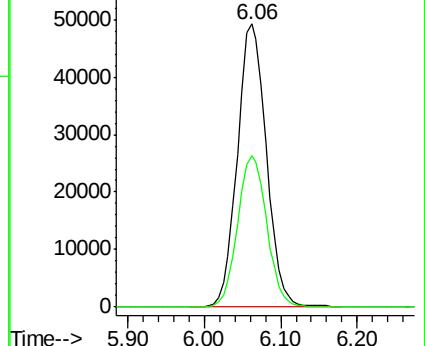
65 100

67 54.0 0.0 107.2



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: VX008836.D

Acq: 11 Apr 2019 04:15

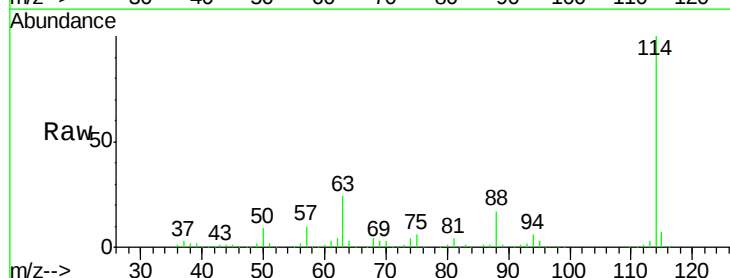
Tgt Ion: 114 Resp: 311795

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

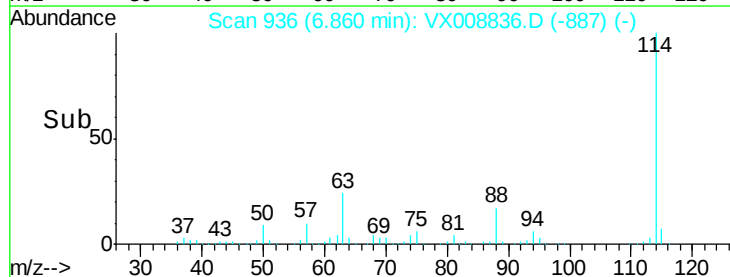
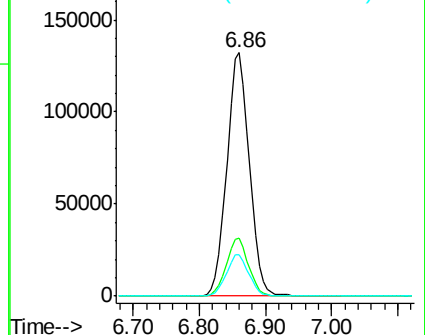
88 16.9 0.0 34.0

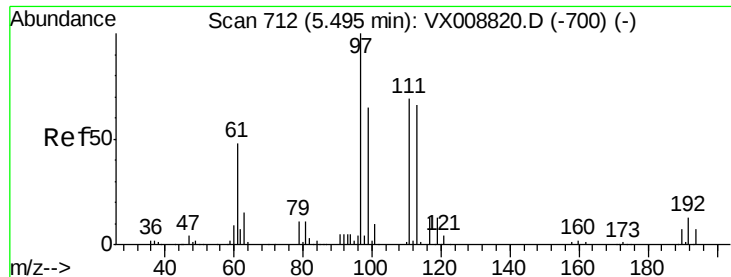


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

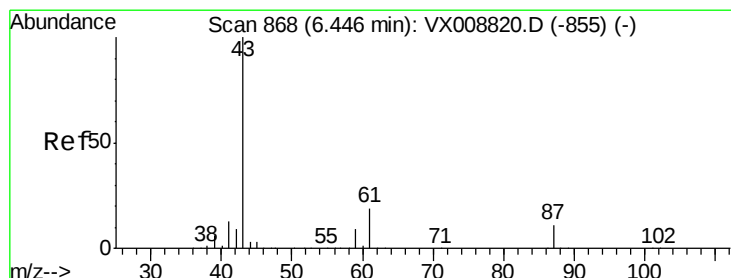
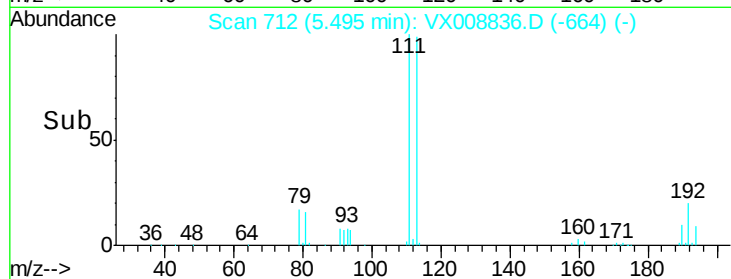
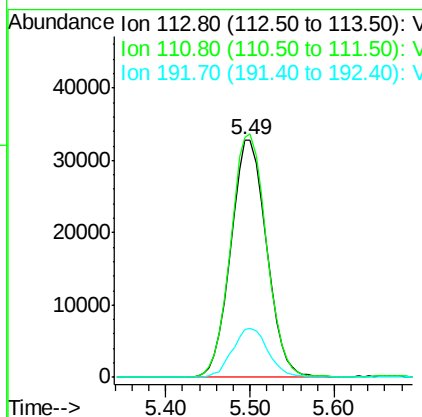
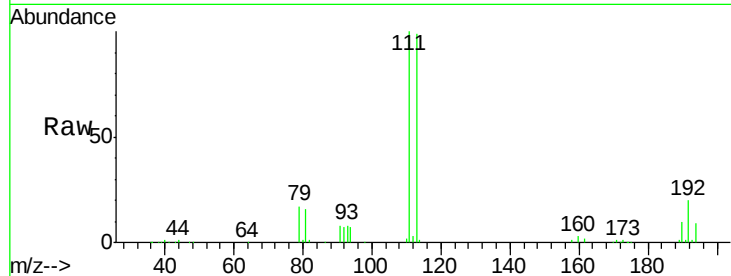




#35
 Dibromofluoromethane
 Concen: 47.410 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008836.D
 Acq: 11 Apr 2019 04:15

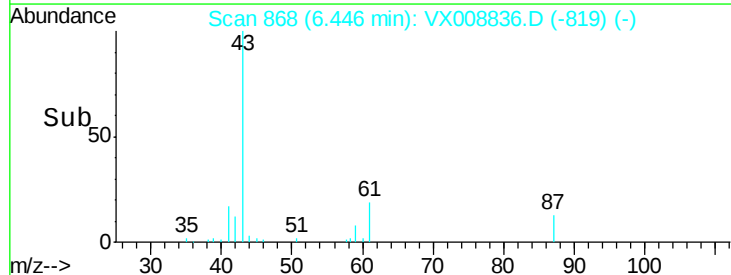
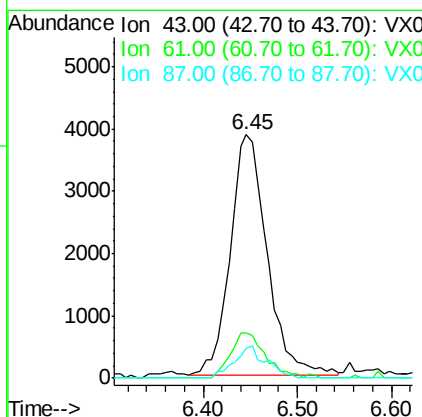
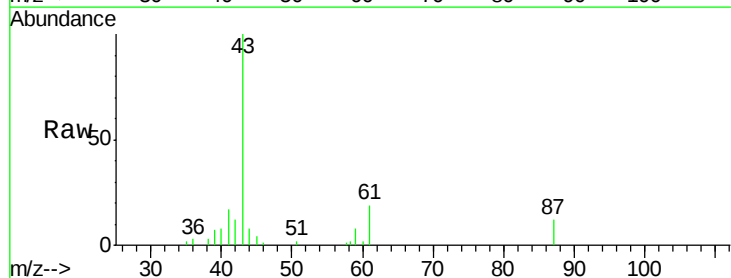
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-S

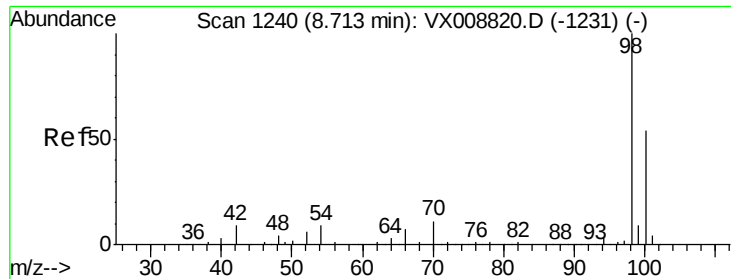
Tot Ion:113 Resp: 94512
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 20.6 16.1 24.1



#43
 Isopropyl Acetate
 Concen: 1.464 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008836.D
 Acq: 11 Apr 2019 04:15

Tgt Ion: 43 Resp: 10432
 Ion Ratio Lower Upper
 43 100
 61 18.0 15.3 22.9
 87 11.7 9.0 13.6

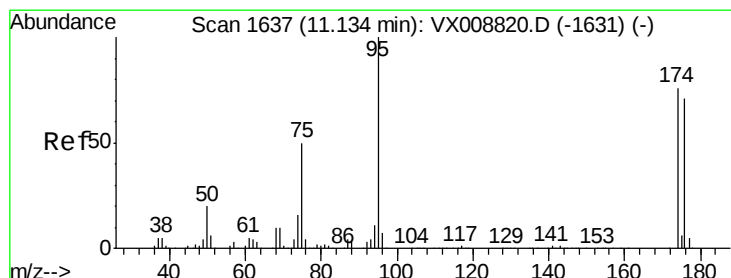
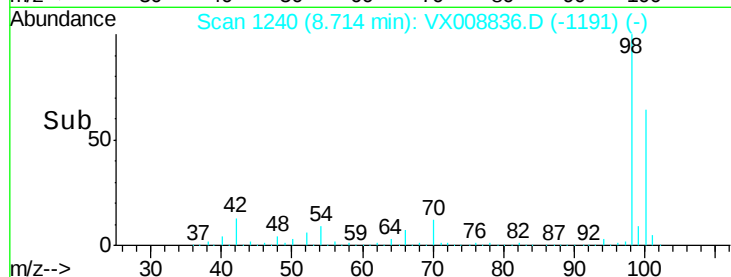
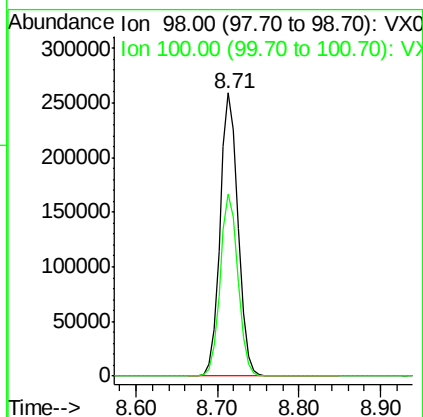
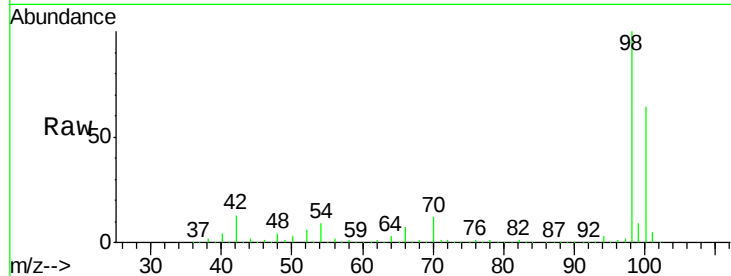




#50
Toluene-d8
Concen: 49.959 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008836.D
Acq: 11 Apr 2019 04:15

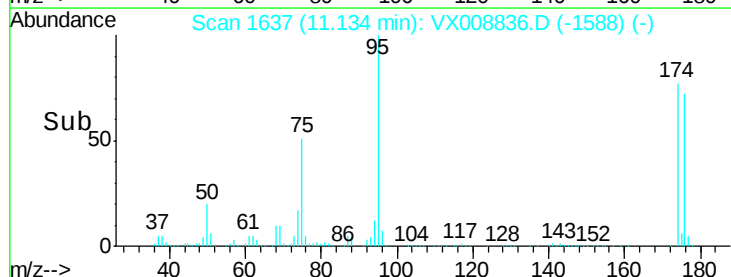
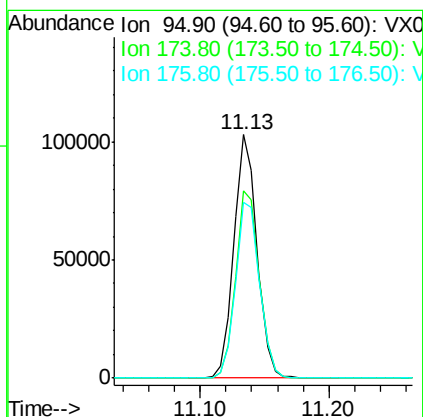
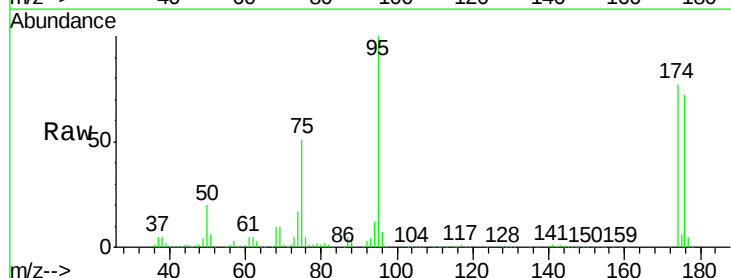
Instrument :
MSVOA_X
ClientSampleId :
TP-11-S

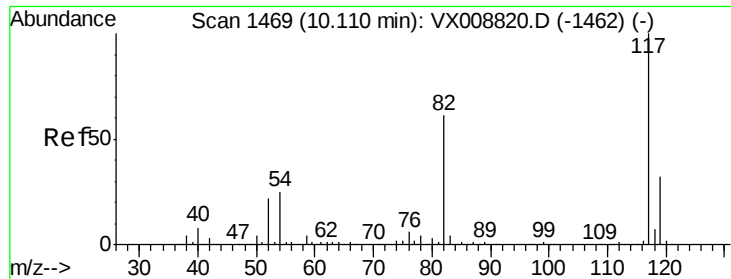
Tot Ion: 98 Resp: 396551
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.812 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008836.D
Acq: 11 Apr 2019 04:15

Tgt Ion: 95 Resp: 128952
Ion Ratio Lower Upper
95 100
174 78.6 0.0 151.8
176 75.3 0.0 145.8

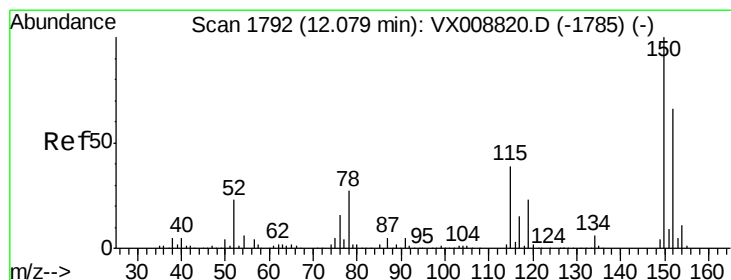
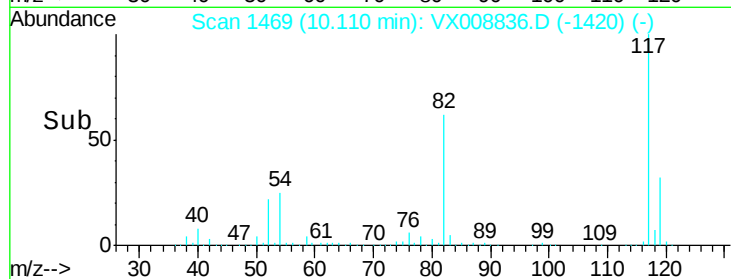
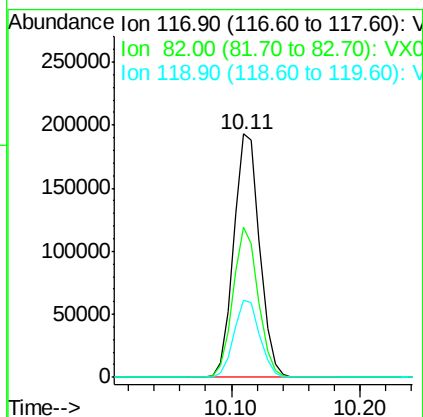
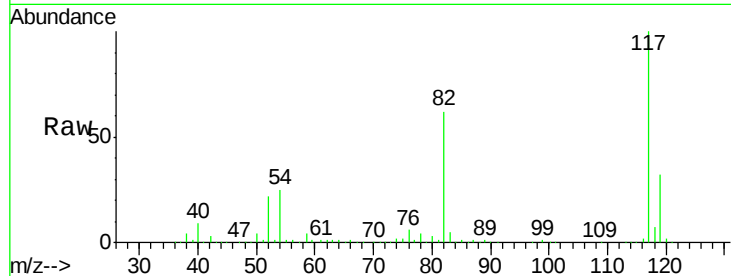




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008836.D
Acq: 11 Apr 2019 04:15

Instrument :
MSVOA_X
ClientSampled :
TP-11-S

Tot Ion:117 Resp: 270440
Ion Ratio Lower Upper
117 100
82 61.6 49.6 74.4
119 31.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008836.D
Acq: 11 Apr 2019 04:15

Tgt Ion:152 Resp: 110254
Ion Ratio Lower Upper
152 100
115 59.2 43.5 130.5
150 156.2 0.0 348.8

