

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004160.D
 Acq On : 20 Aug 2018 18:28
 Operator : JC/MD
 Sample : J4282-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-081718

Quant Time: Aug 21 02:07:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

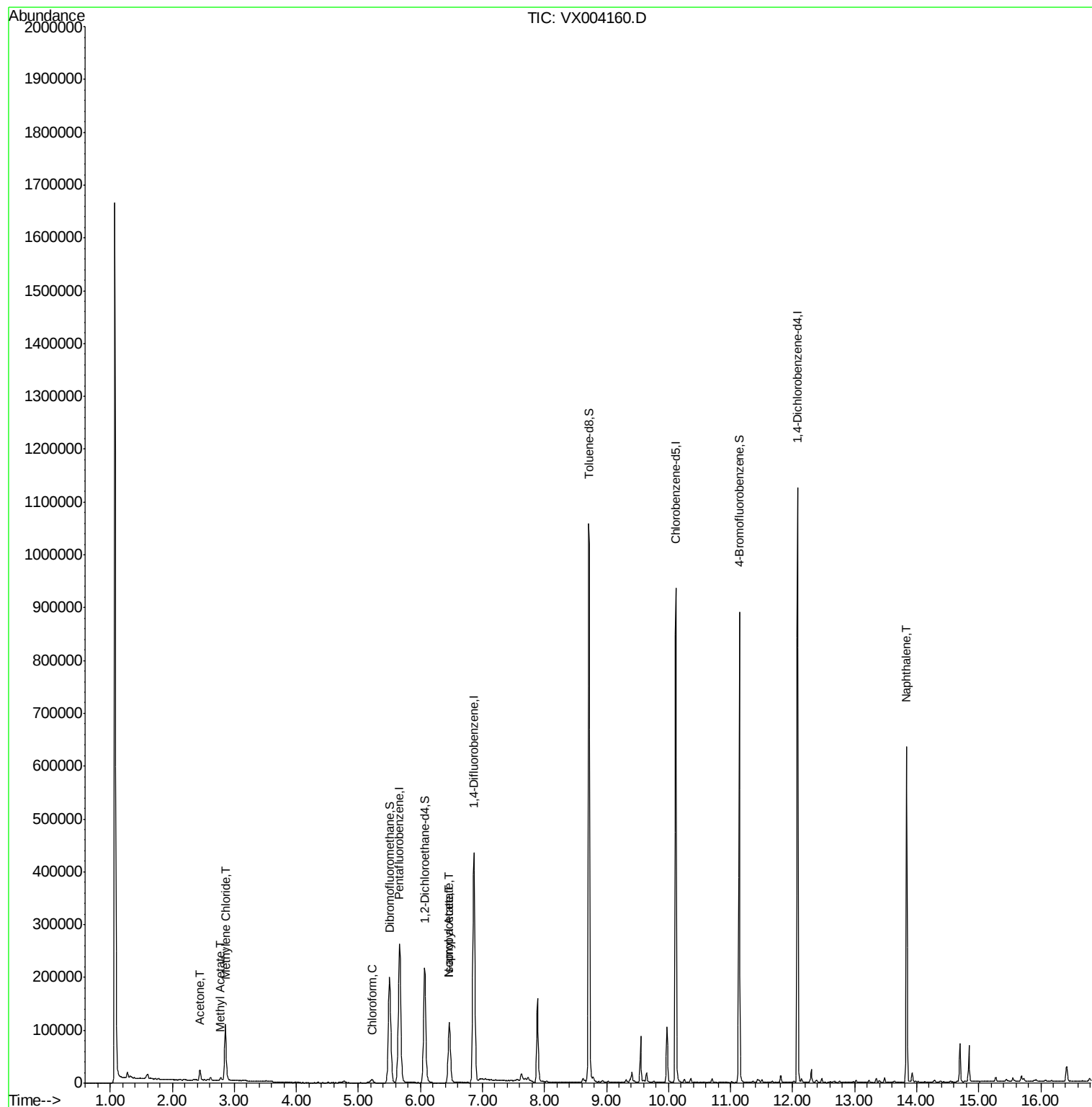
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	442179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201482	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	5.50	113	171321	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	8.71	98	641123	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.14	95	218272	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
16) Acetone	2.45	43	20654	10.34	ug/l	97
18) Methyl Acetate	2.78	43	6824	1.54	ug/l	97
20) Methylene Chloride	2.86	84	50280	14.97	ug/l	98
30) Chloroform	5.22	83	7092	1.20	ug/l	97
43) Isopropyl Acetate	6.46	43	149470	18.51	ug/l	99
74) N-amyl acetate	6.46	43	149470	19.84	ug/l #	99
95) Naphthalene	13.83	128	393774	24.39	ug/l	100

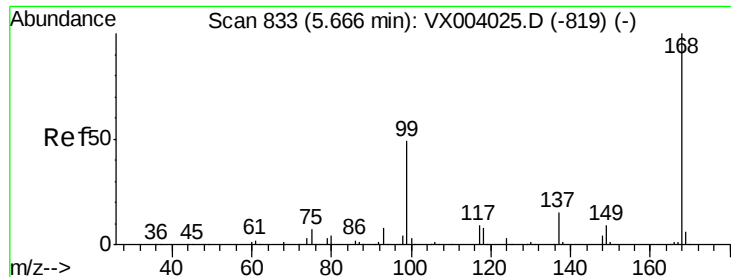
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004160.D

Acq: 20 Aug 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

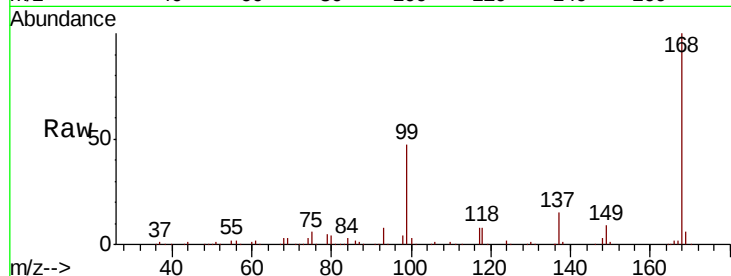
SU-04-081718

Tot Ion:168 Resp: 272732

Ion Ratio Lower Upper

168 100

99 47.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

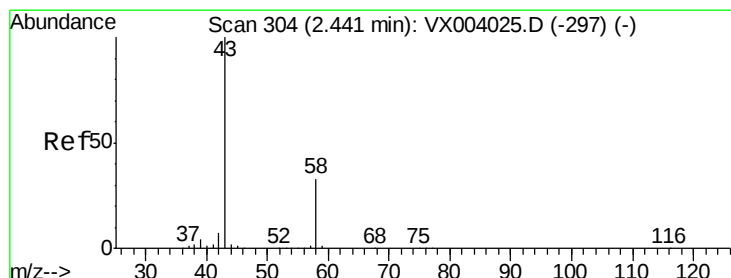
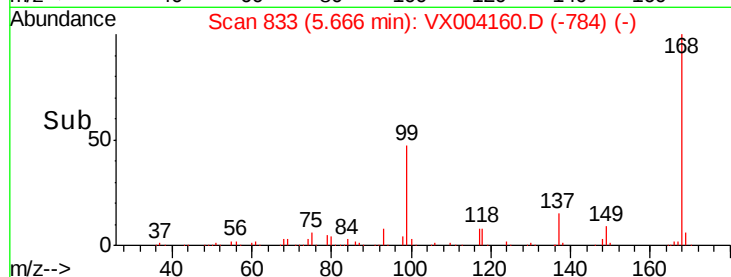
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 10.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004160.D

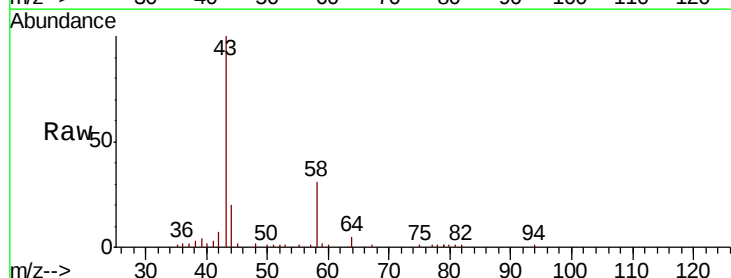
Acq: 20 Aug 2018 18:28

Tgt Ion: 43 Resp: 20654

Ion Ratio Lower Upper

43 100

58 31.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

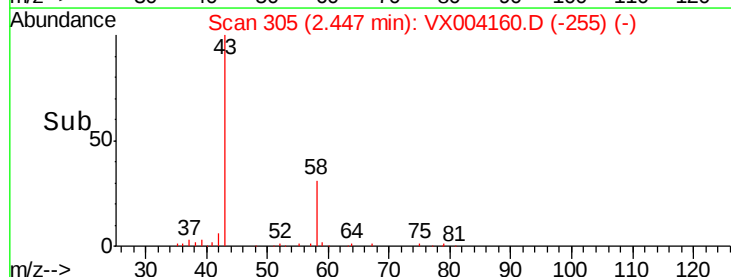
10000

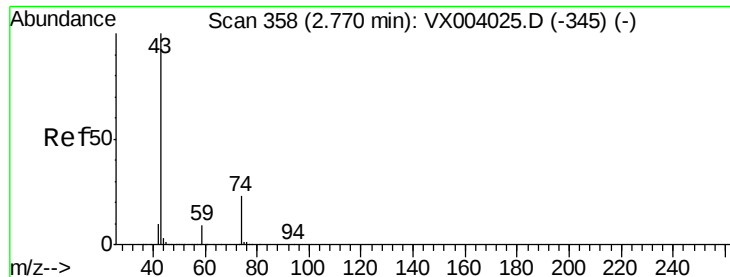
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

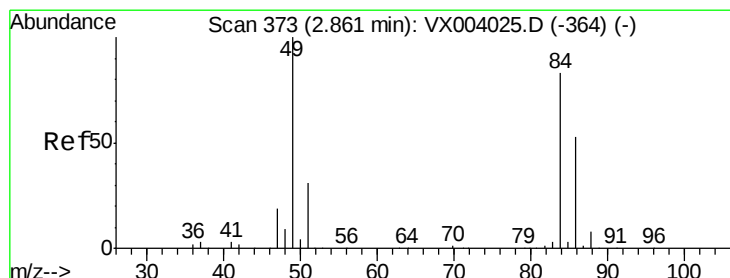
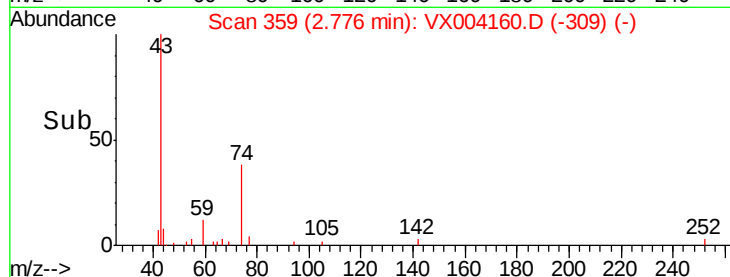
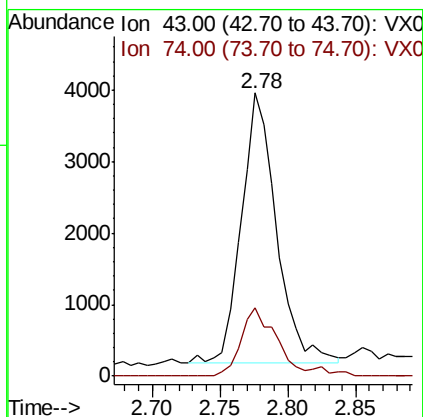
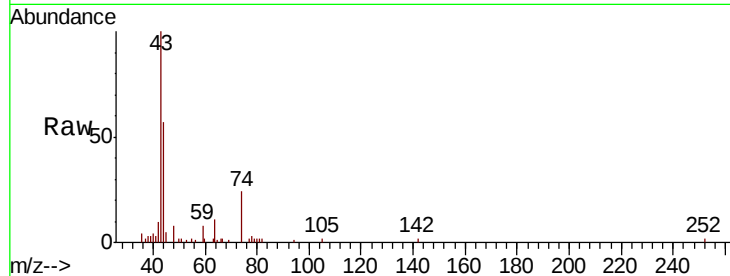




#18
Methvl Acetate
Concen: 1.54 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

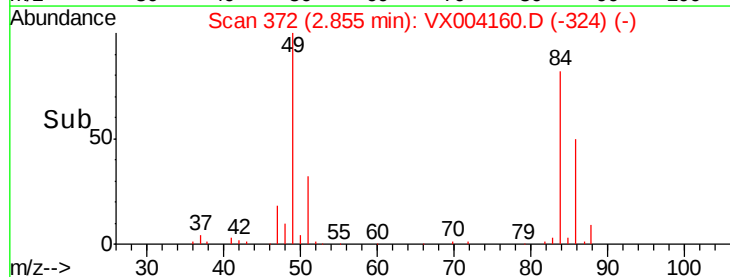
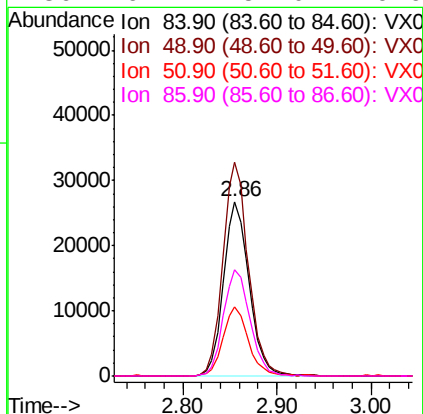
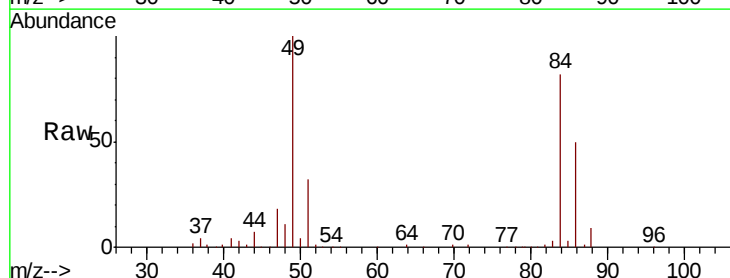
Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

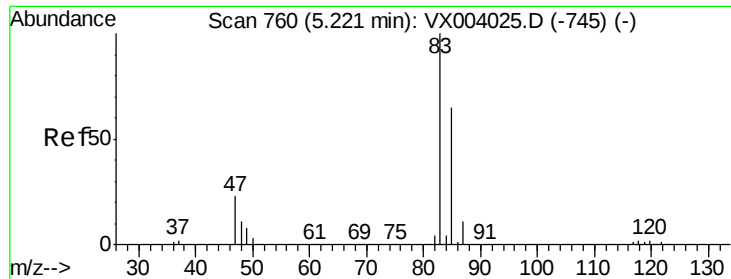
Tot Ion: 43 Resp: 6824
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3



#20
Methylene Chloride
Concen: 14.97 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 84 Resp: 50280
Ion Ratio Lower Upper
84 100
49 122.6 98.9 148.3
51 39.1 29.9 44.9
86 61.1 51.0 76.6

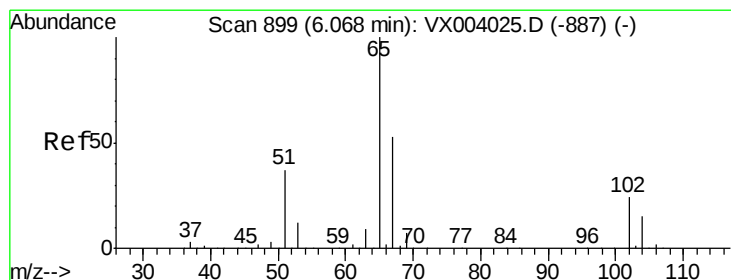
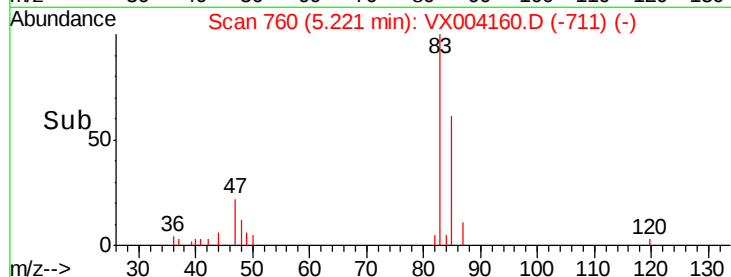
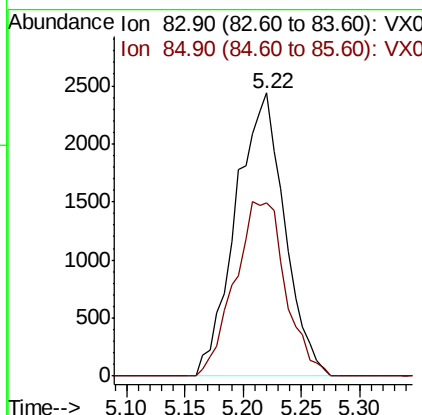
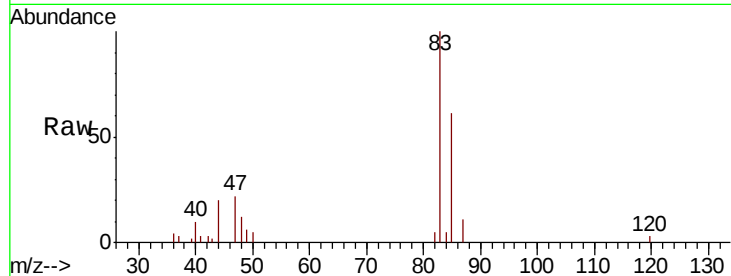




#30
Chloroform
Concen: 1.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

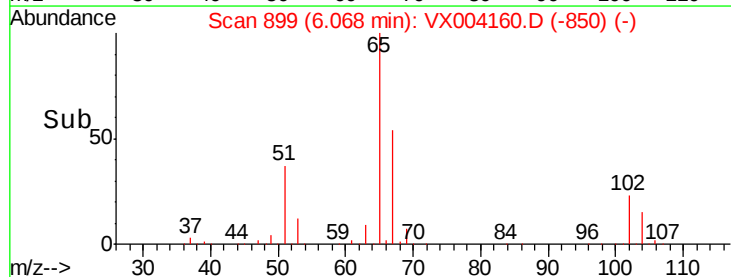
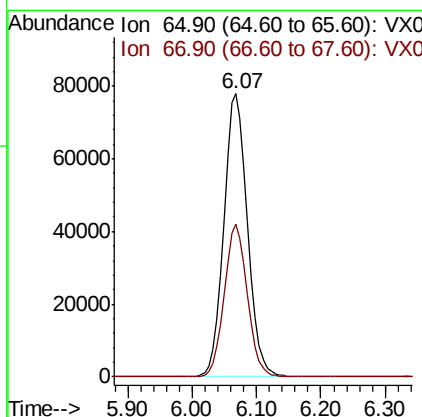
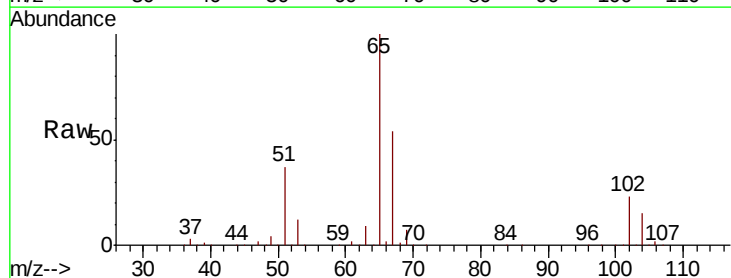
Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

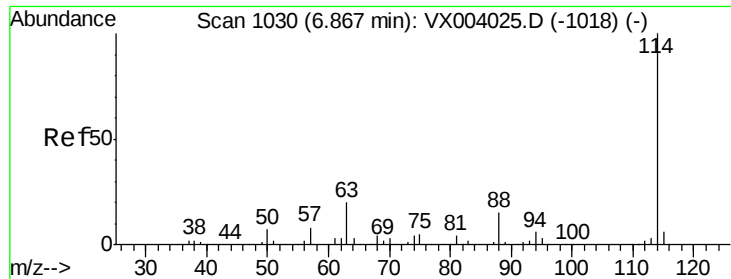
Tot Ion: 83 Resp: 7092
Ion Ratio Lower Upper
83 100
85 61.4 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 65 Resp: 201482
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

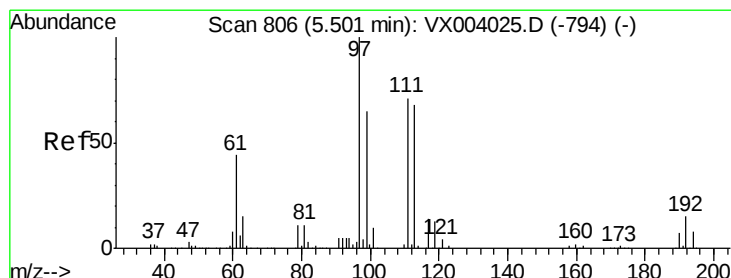
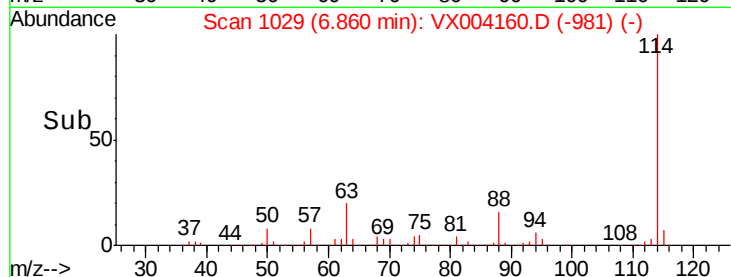
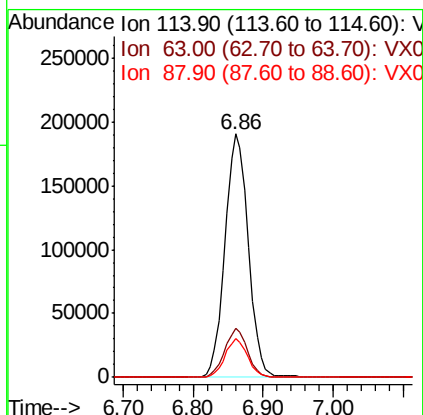
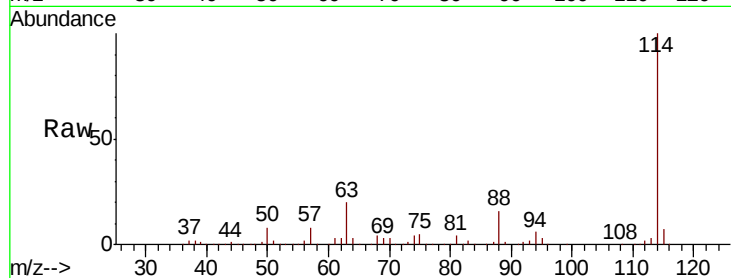




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004160.D
 Acq: 20 Aug 2018 18:28

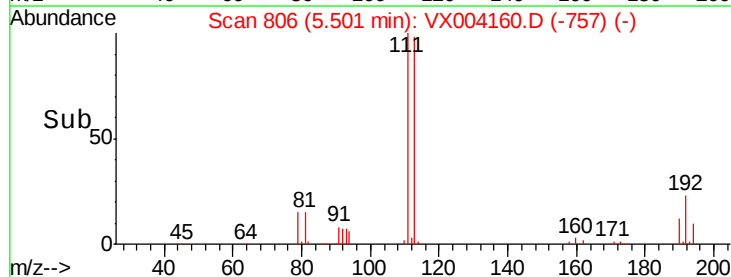
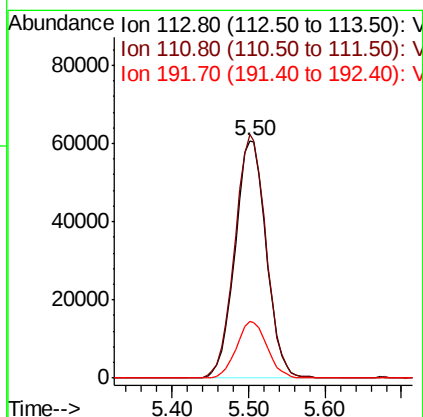
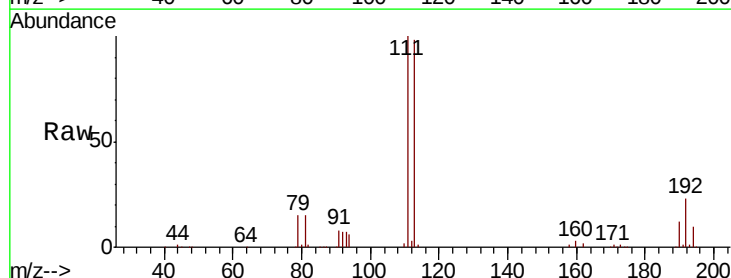
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-081718

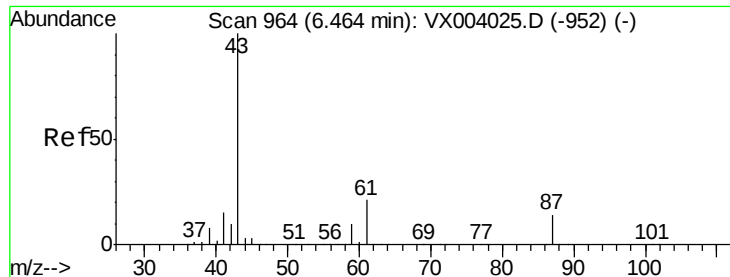
Tot Ion:114 Resp: 442179
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 51.77 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004160.D
 Acq: 20 Aug 2018 18:28

Tgt Ion:113 Resp: 171321
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.5 19.0 28.4





#43

Isopropyl Acetate

Concen: 18.51 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004160.D

Acq: 20 Aug 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-081718

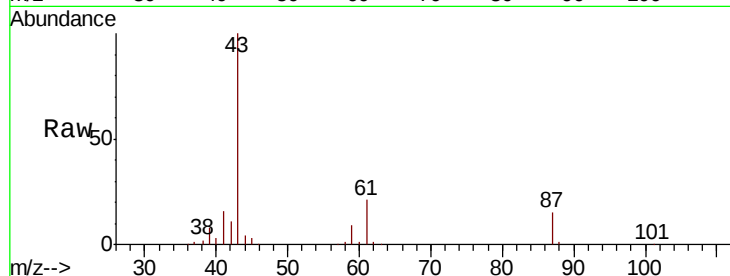
Tot Ion: 43 Resp: 149470

Ion Ratio Lower Upper

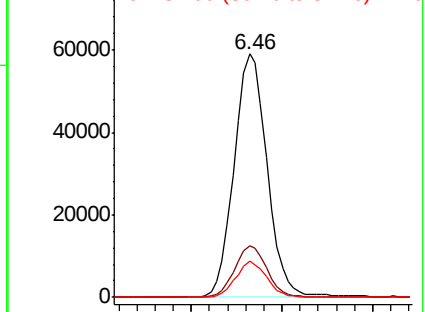
43 100

61 20.8 16.9 25.3

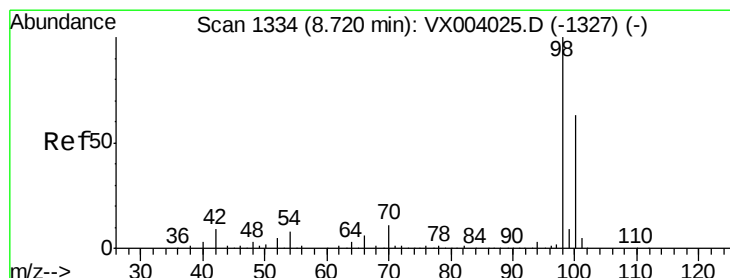
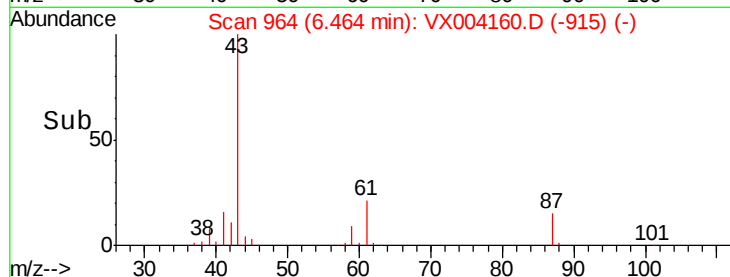
87 14.0 11.3 16.9



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



Time-->



#50

Toluene-d8

Concen: 47.78 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004160.D

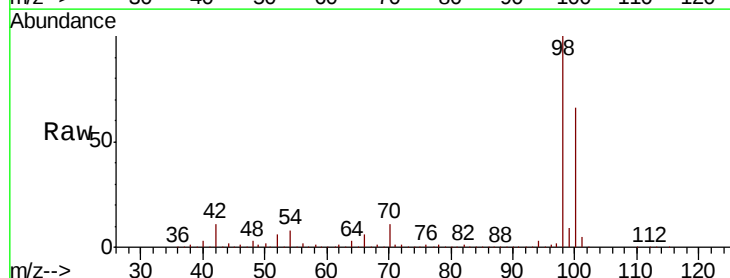
Acq: 20 Aug 2018 18:28

Tgt Ion: 98 Resp: 641123

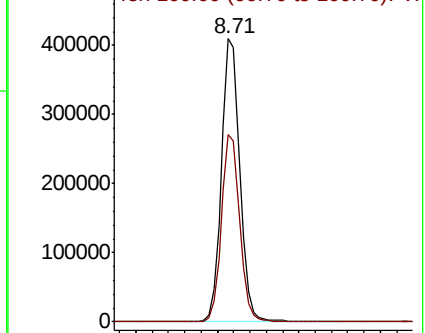
Ion Ratio Lower Upper

98 100

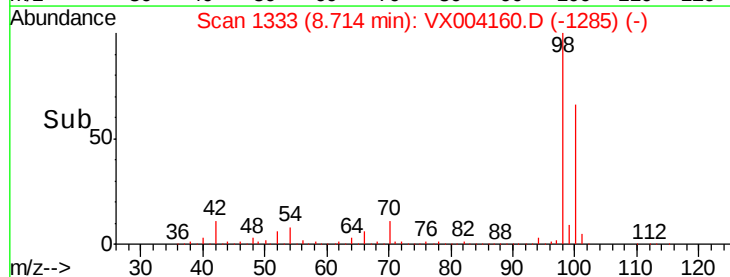
100 65.8 53.3 79.9

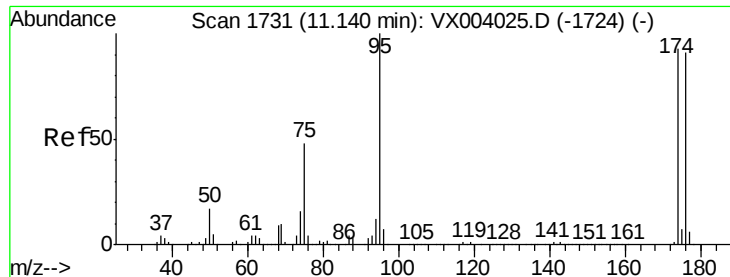


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V



Time-->





#62

4-Bromofluorobenzene

Concen: 44.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004160.D

Acq: 20 Aug 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-081718

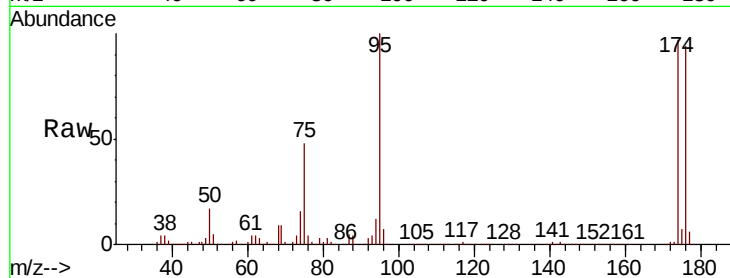
Tot Ion: 95 Resp: 218272

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.8

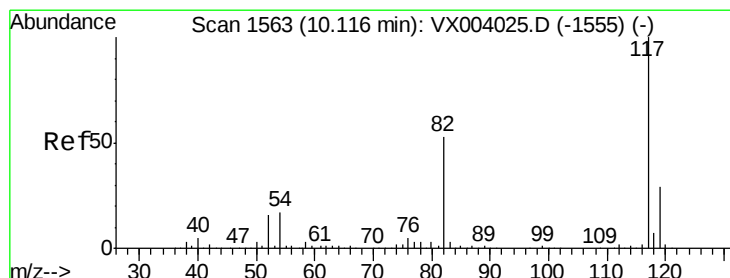
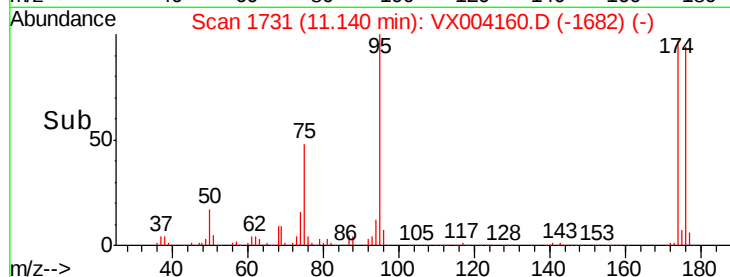
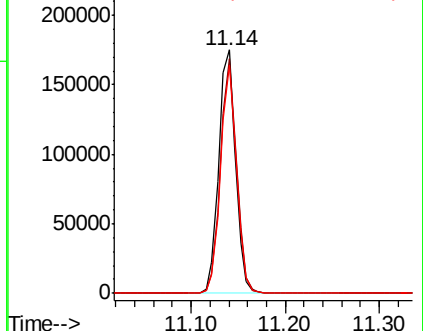
176 89.1 0.0 179.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004160.D

Acq: 20 Aug 2018 18:28

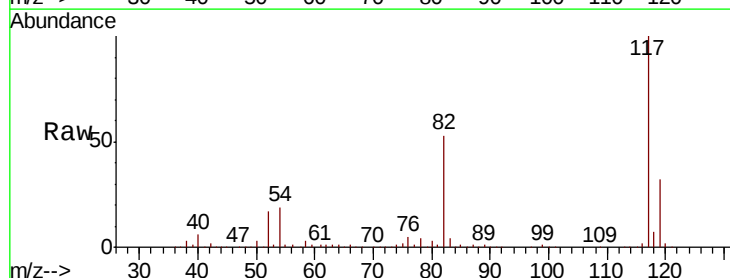
Tgt Ion: 117 Resp: 439960

Ion Ratio Lower Upper

117 100

82 52.8 45.4 68.0

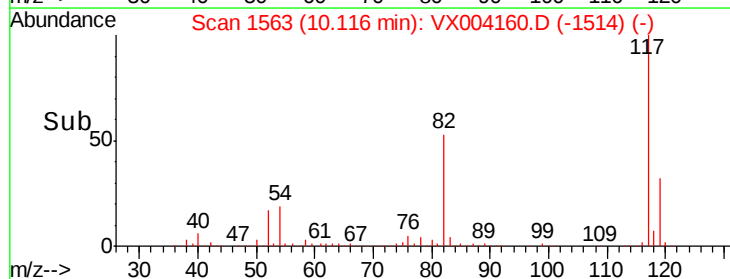
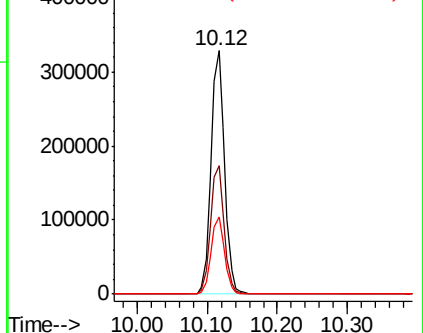
119 31.9 26.6 40.0

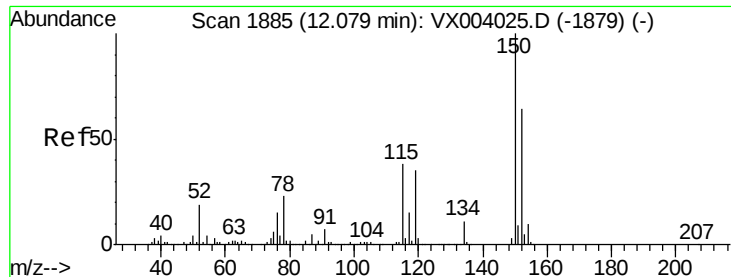


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004160.D

Acq: 20 Aug 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-081718

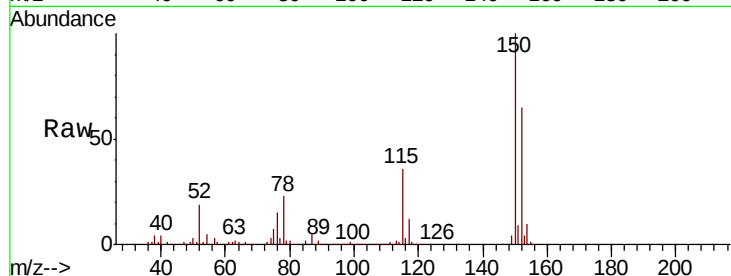
Tot Ion:152 Resp: 236704

Ion Ratio Lower Upper

152 100

115 54.4 39.1 117.3

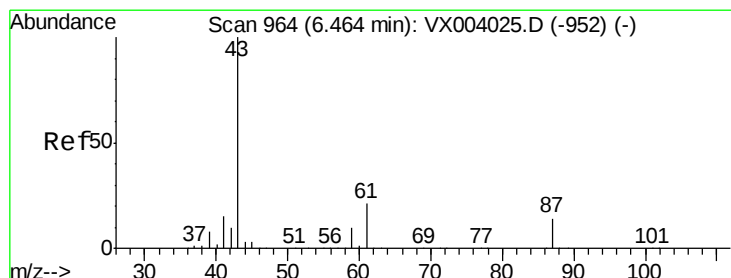
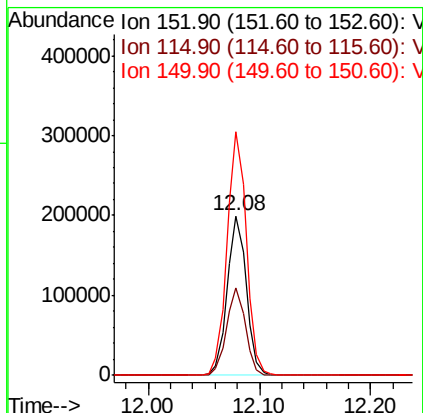
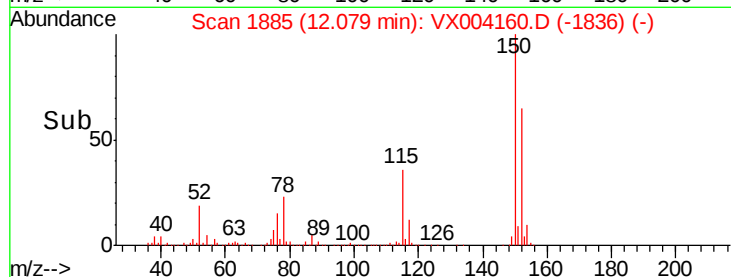
150 154.1 0.0 349.2



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



#74

N-ethyl acetate

Concen: 19.84 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004160.D

Acq: 20 Aug 2018 18:28

Tgt Ion: 43 Resp: 149470

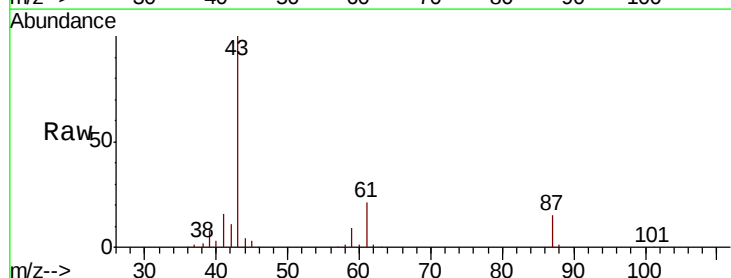
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.8 16.9 25.3

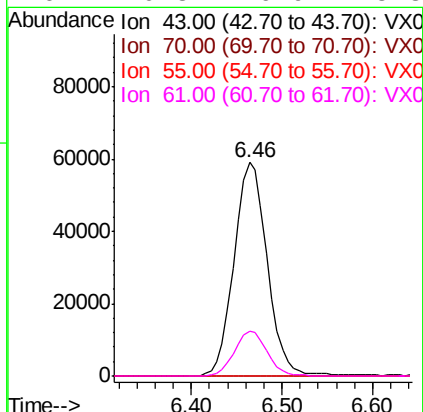
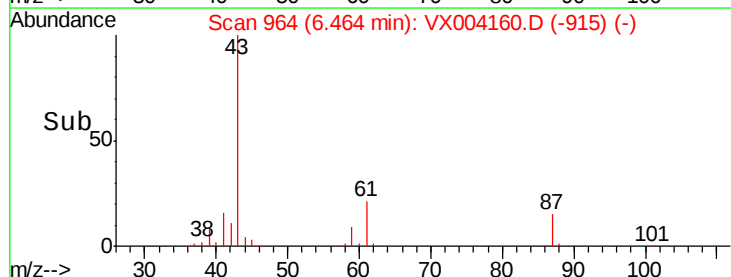


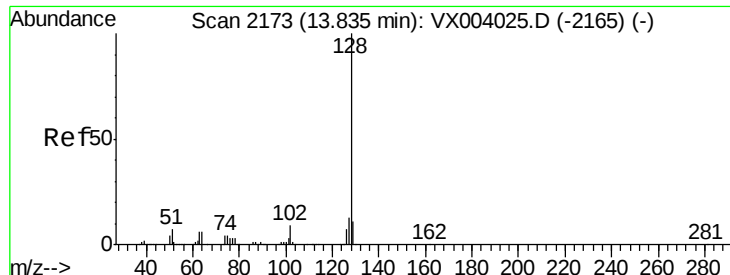
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#95
 Naphthalene
 Concen: 24.39 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX004160.D
 Acq: 20 Aug 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-081718

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2

