

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004250.D
 Acq On : 24 Aug 2018 16:42
 Operator : JC/MD
 Sample : J4270-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-082318

Quant Time: Aug 25 01:41:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

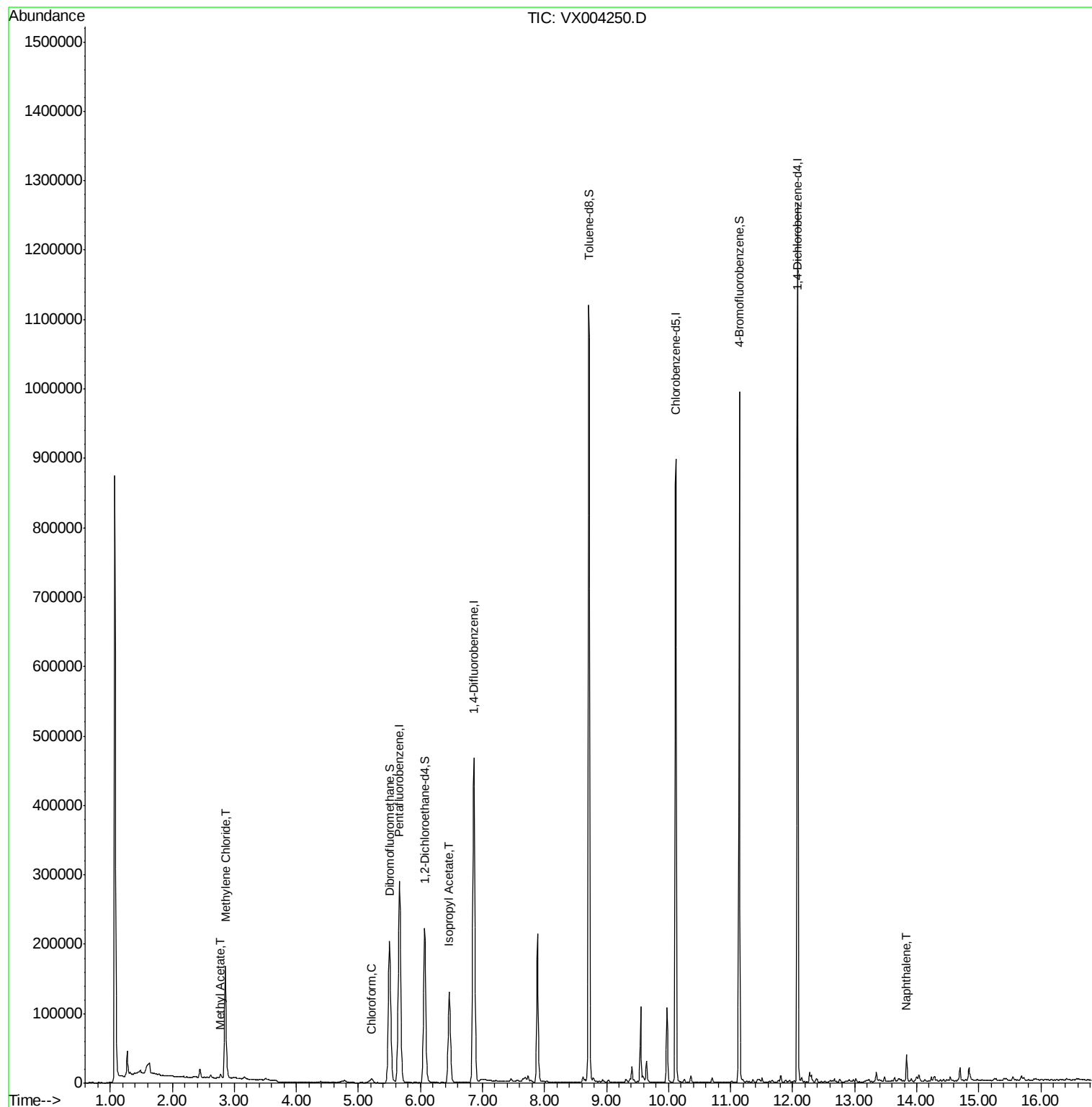
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204008	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	5.50	113	175032	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	8.71	98	674464	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	242005	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.78	43	6360	1.103	ug/l	97
20) Methylene Chloride	2.85	84	76096	20.336	ug/l	98
30) Chloroform	5.21	83	6515	1.029	ug/l	94
43) Isopropyl Acetate	6.46	43	171156	21.115	ug/l	99
95) Naphthalene	13.83	128	24969	1.465	ug/l	99

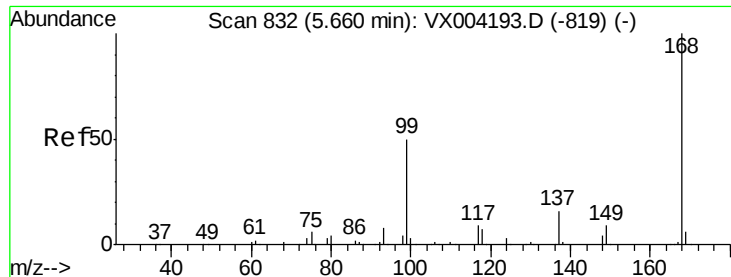
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004250.D

Acq: 24 Aug 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

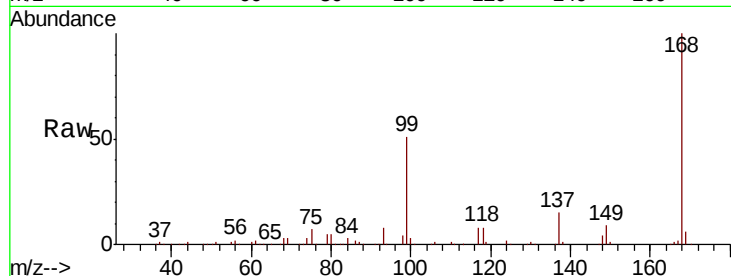
BU-03-082318

Tgt Ion:168 Resp: 298239

Ion Ratio Lower Upper

168 100

99 50.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

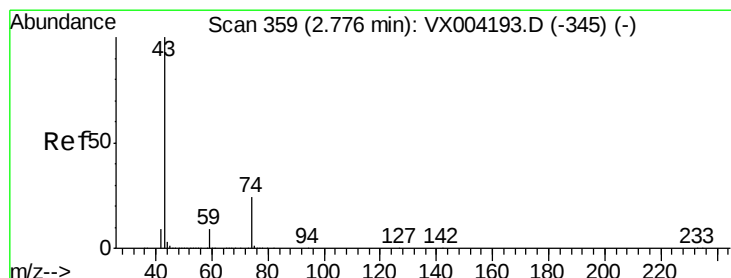
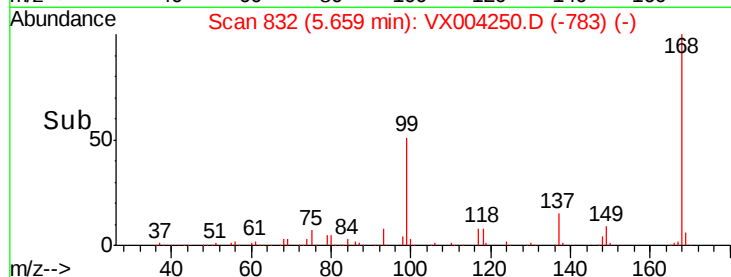
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.103 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004250.D

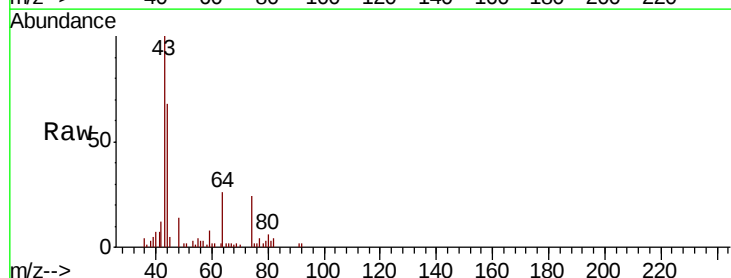
Acq: 24 Aug 2018 16:42

Tgt Ion: 43 Resp: 6360

Ion Ratio Lower Upper

43 100

74 25.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

4000

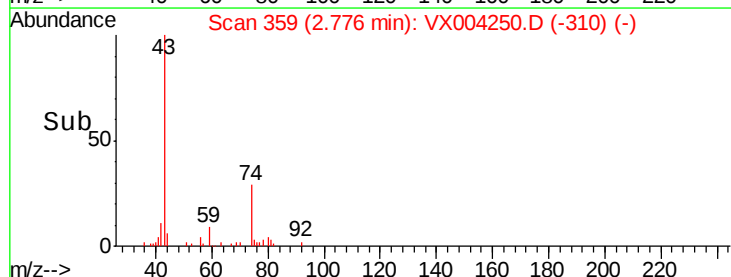
3000

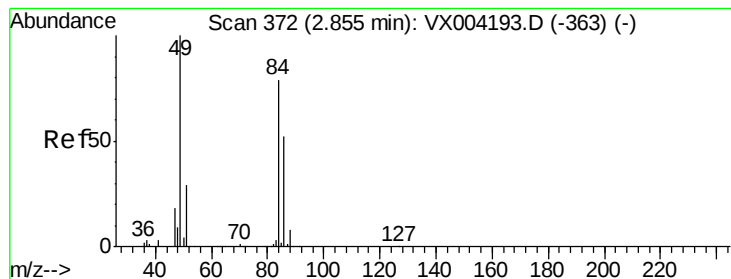
2000

1000

0

Time--> 2.65 2.70 2.75 2.80 2.85





#20

Methylene Chloride

Concen: 20.336 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004250.D

Acq: 24 Aug 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

BU-03-082318

Tgt Ion: 84 Resp: 76096

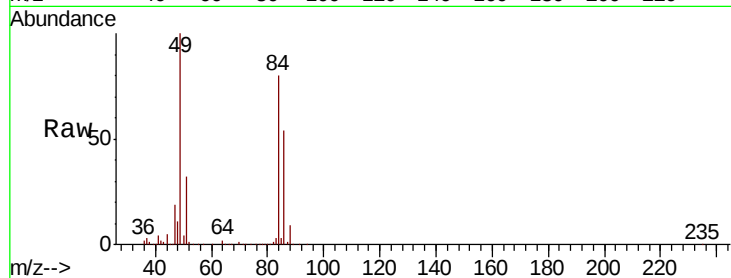
Ion Ratio Lower Upper

84 100

49 124.8 101.2 151.8

51 39.8 29.5 44.3

86 67.1 52.3 78.5

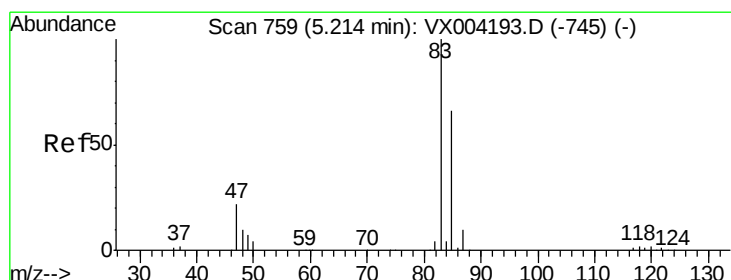
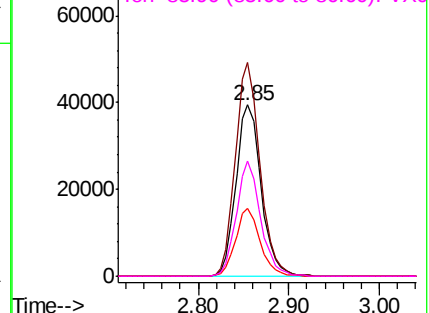
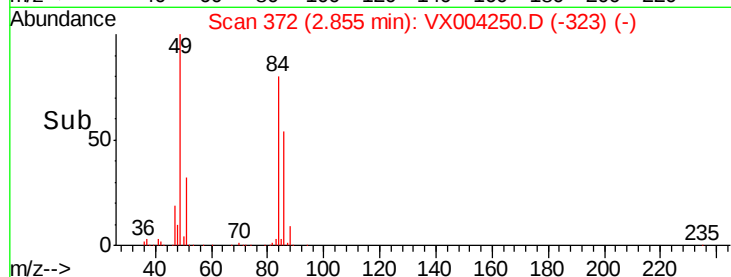


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#30

Chloroform

Concen: 1.029 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004250.D

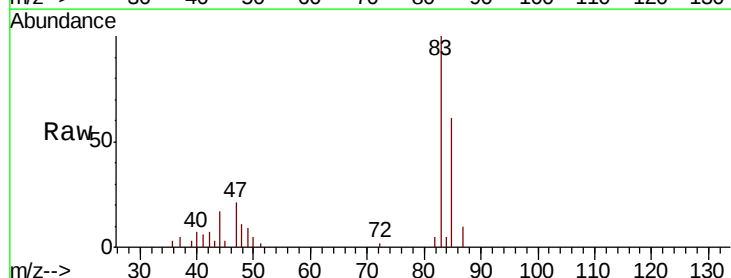
Acq: 24 Aug 2018 16:42

Tgt Ion: 83 Resp: 6515

Ion Ratio Lower Upper

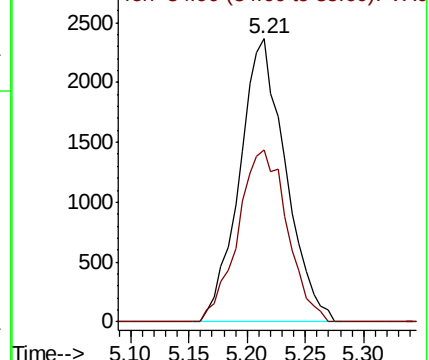
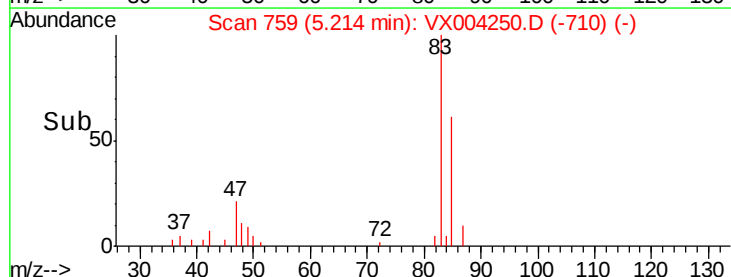
83 100

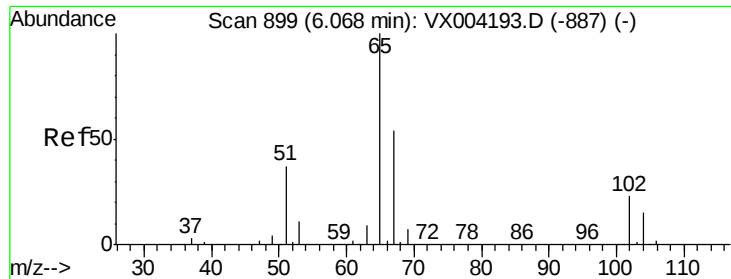
85 60.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.482 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004250.D

Acq: 24 Aug 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

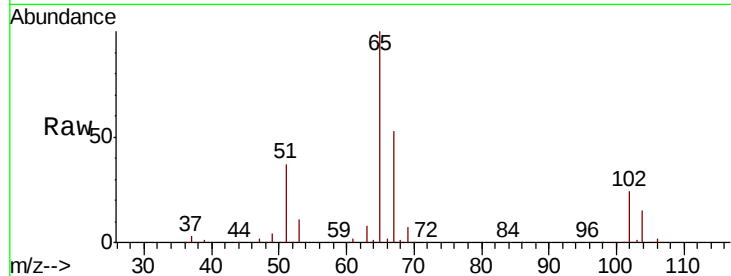
BU-03-082318

Tgt Ion: 65 Resp: 204008

Ion Ratio Lower Upper

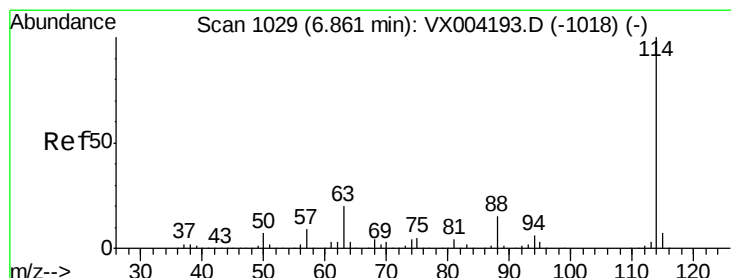
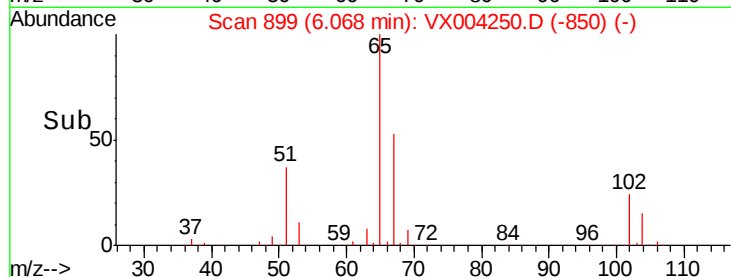
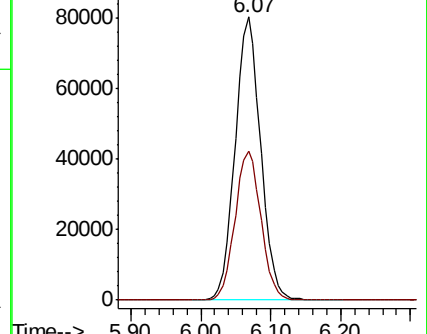
65 100

67 53.5 0.0 106.8



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# 1029

Delta R.T. -0.00 min

Lab File: VX004250.D

Acq: 24 Aug 2018 16:42

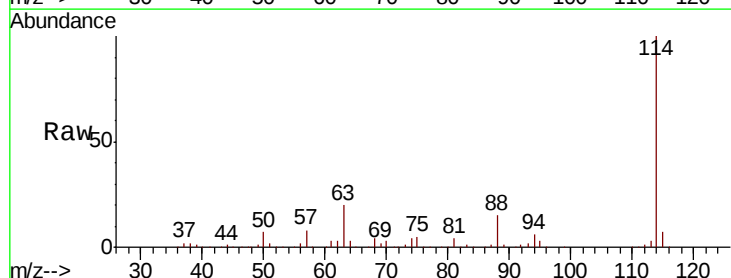
Tgt Ion: 114 Resp: 477111

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

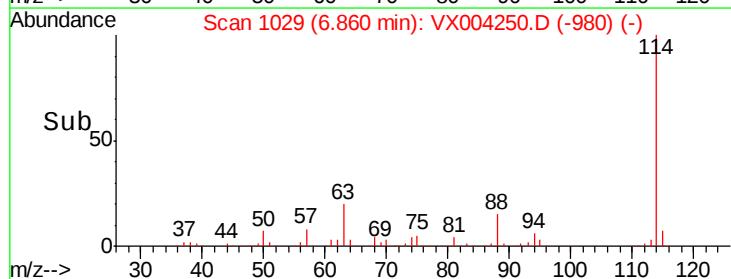
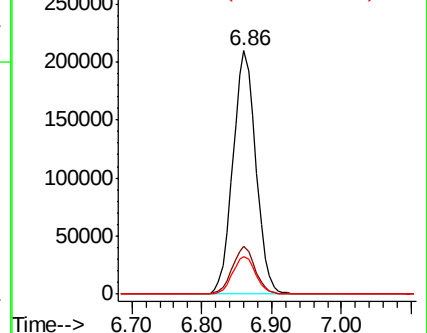
88 15.4 0.0 30.4

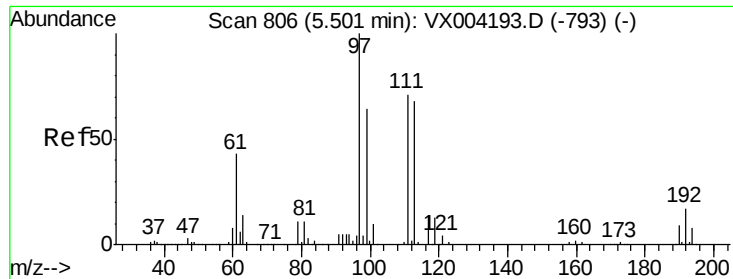


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

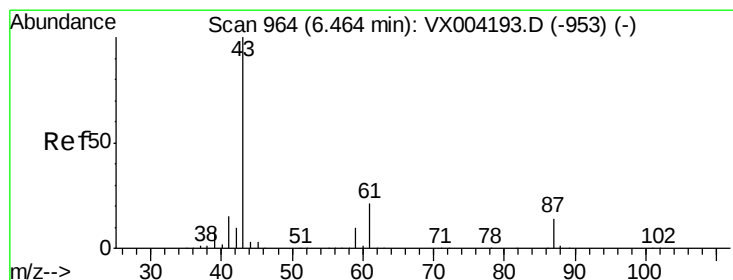
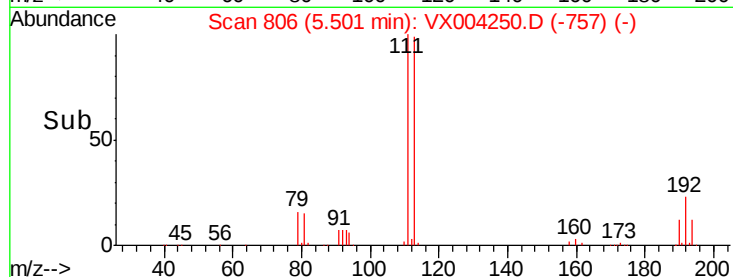
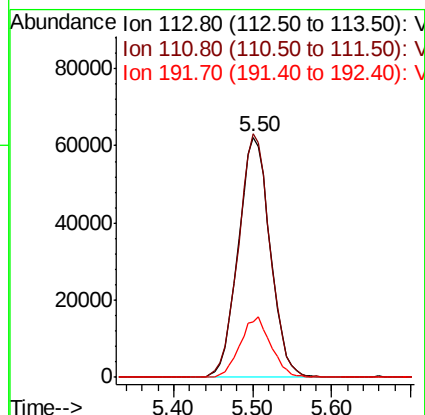
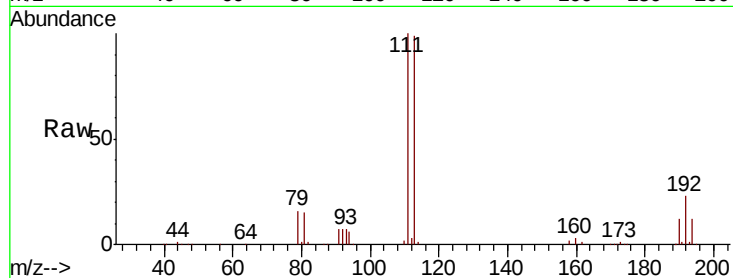




#35
 Dibromofluoromethane
 Concen: 49.313 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004250.D
 Acq: 24 Aug 2018 16:42

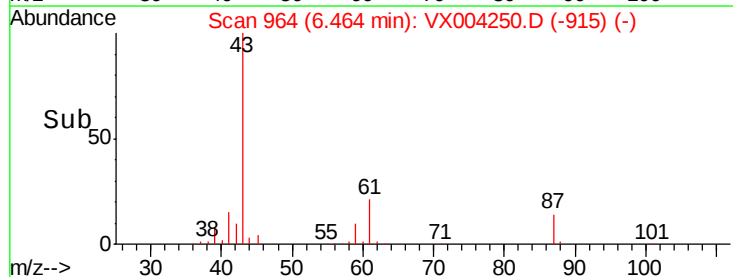
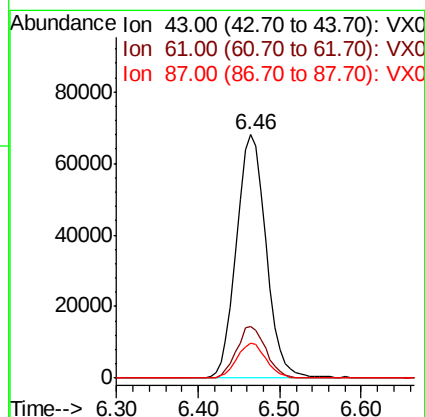
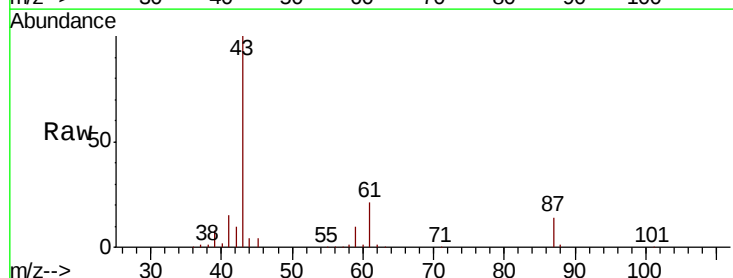
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-082318

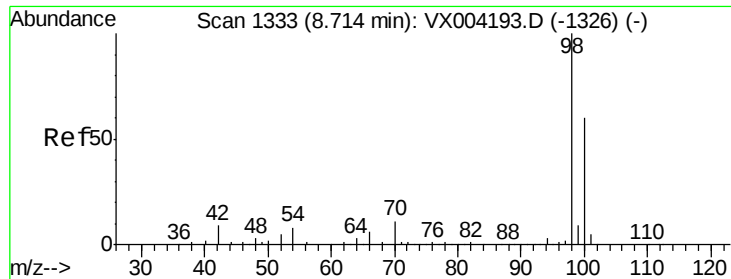
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.4	123.6
192	24.2	19.4	29.2



#43
 Isopropyl Acetate
 Concen: 21.115 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004250.D
 Acq: 24 Aug 2018 16:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	14.1	11.4	17.2

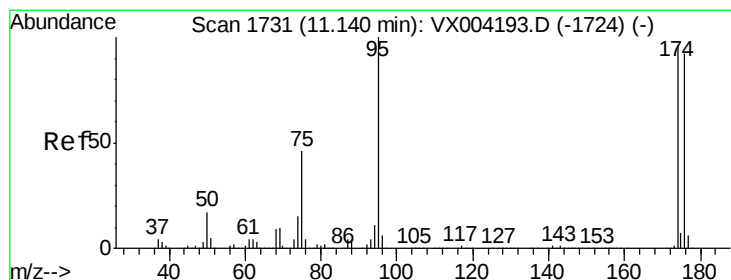
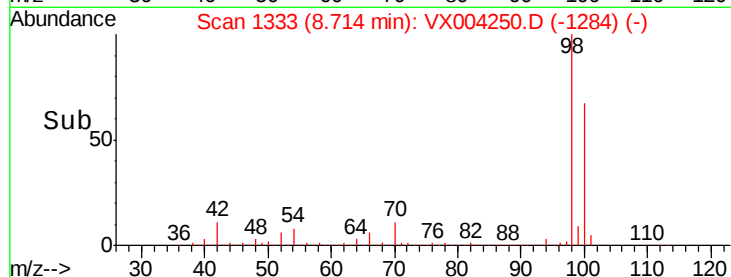
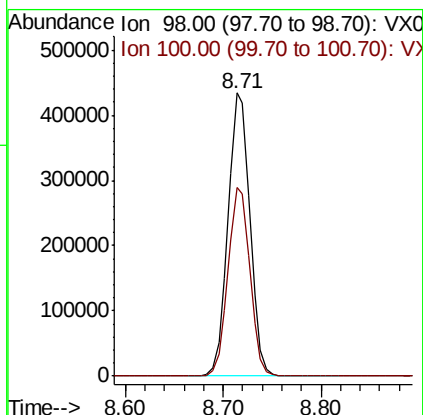
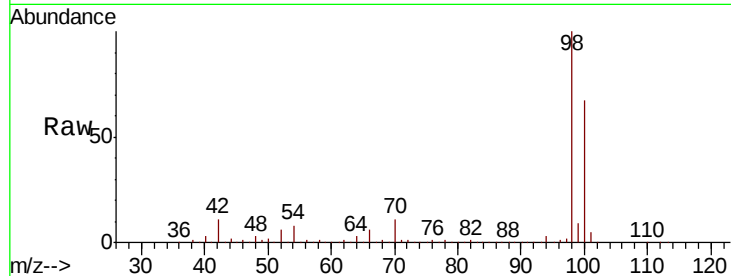




#50
Toluene-d8
Concen: 50.342 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004250.D
Acq: 24 Aug 2018 16:42

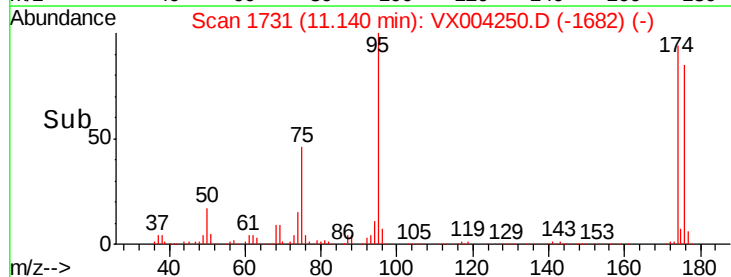
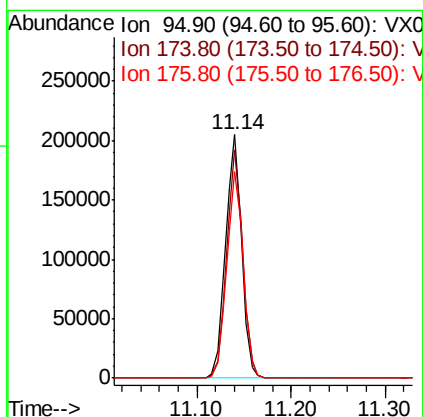
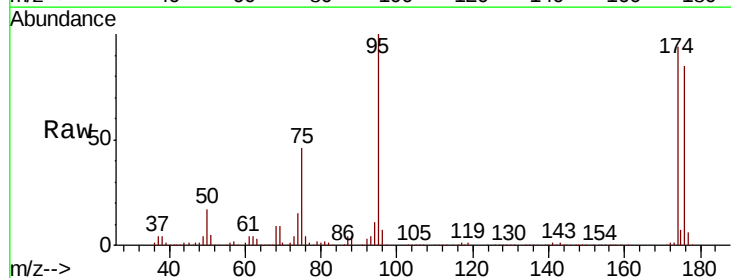
Instrument :
MSVOA_X
ClientSampleId :
BU-03-082318

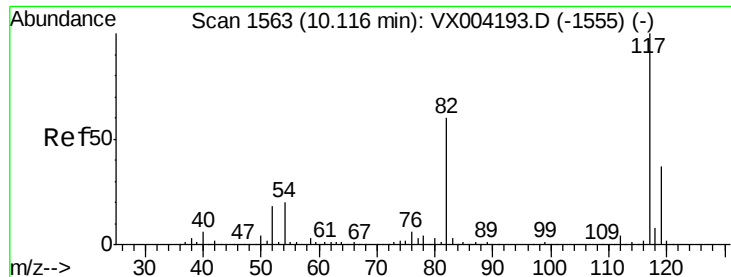
Tgt Ion: 98 Resp: 674464
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.410 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004250.D
Acq: 24 Aug 2018 16:42

Tgt Ion: 95 Resp: 242005
Ion Ratio Lower Upper
95 100
174 93.9 0.0 185.2
176 87.1 0.0 178.6

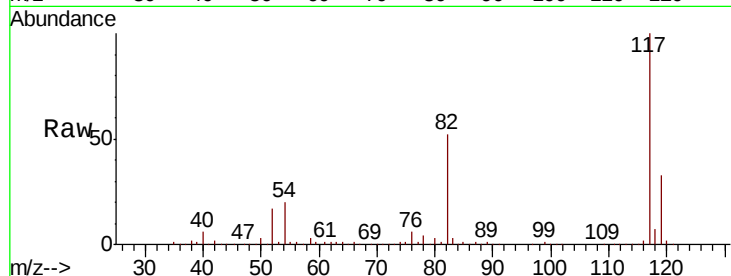




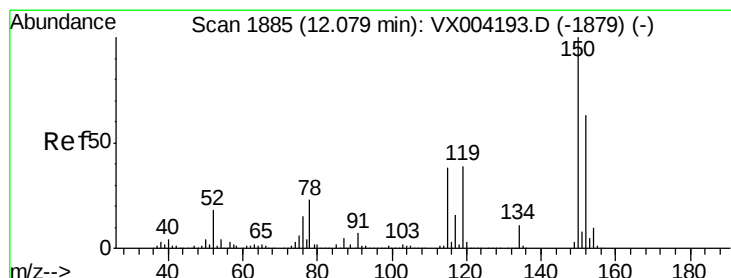
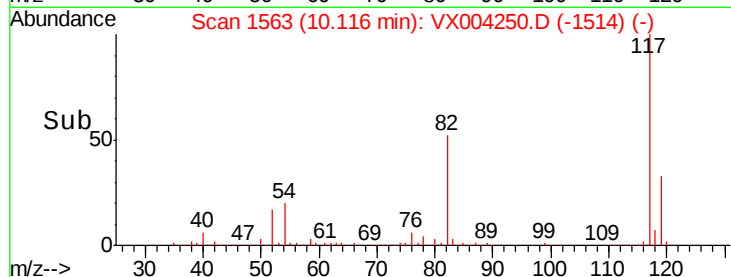
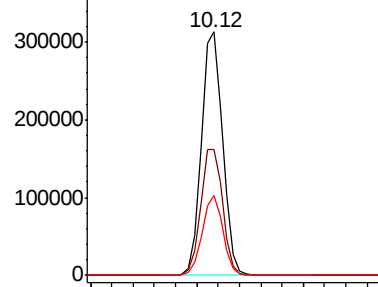
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004250.D
Acq: 24 Aug 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
BU-03-082318

Tgt Ion:117 Resp: 438447
Ion Ratio Lower Upper
117 100
82 51.5 47.8 71.6
119 32.7 29.3 43.9

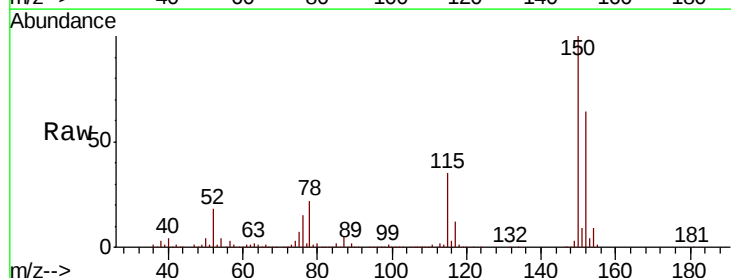


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

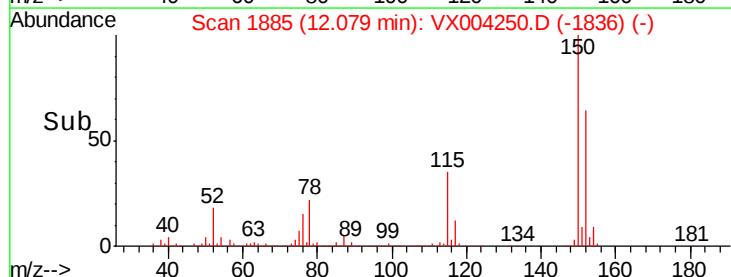
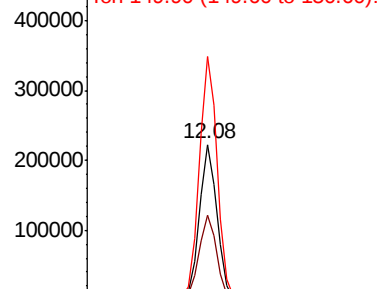


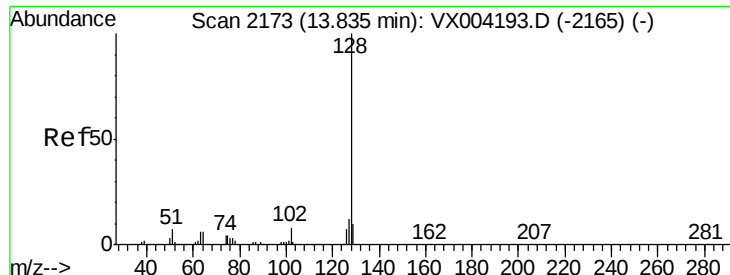
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004250.D
Acq: 24 Aug 2018 16:42

Tgt Ion:152 Resp: 261292
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 158.4 0.0 351.0



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





#95

Naphthalene

Concen: 1.465 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004250.D

Acq: 24 Aug 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

BU-03-082318

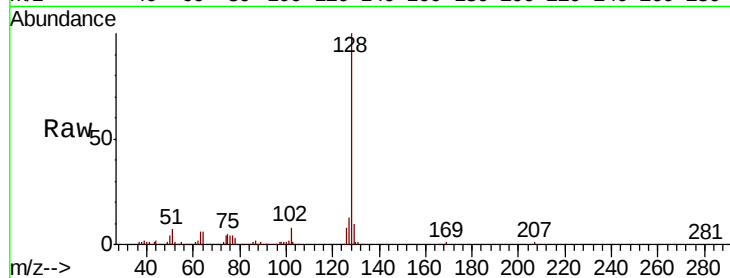
Tgt Ion:128 Resp: 24969

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.0 8.6 12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

