

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006466.D
 Acq On : 13 Dec 2018 01:32
 Operator : JC/MD
 Sample : J6193-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-121018-A

Quant Time: Dec 13 07:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

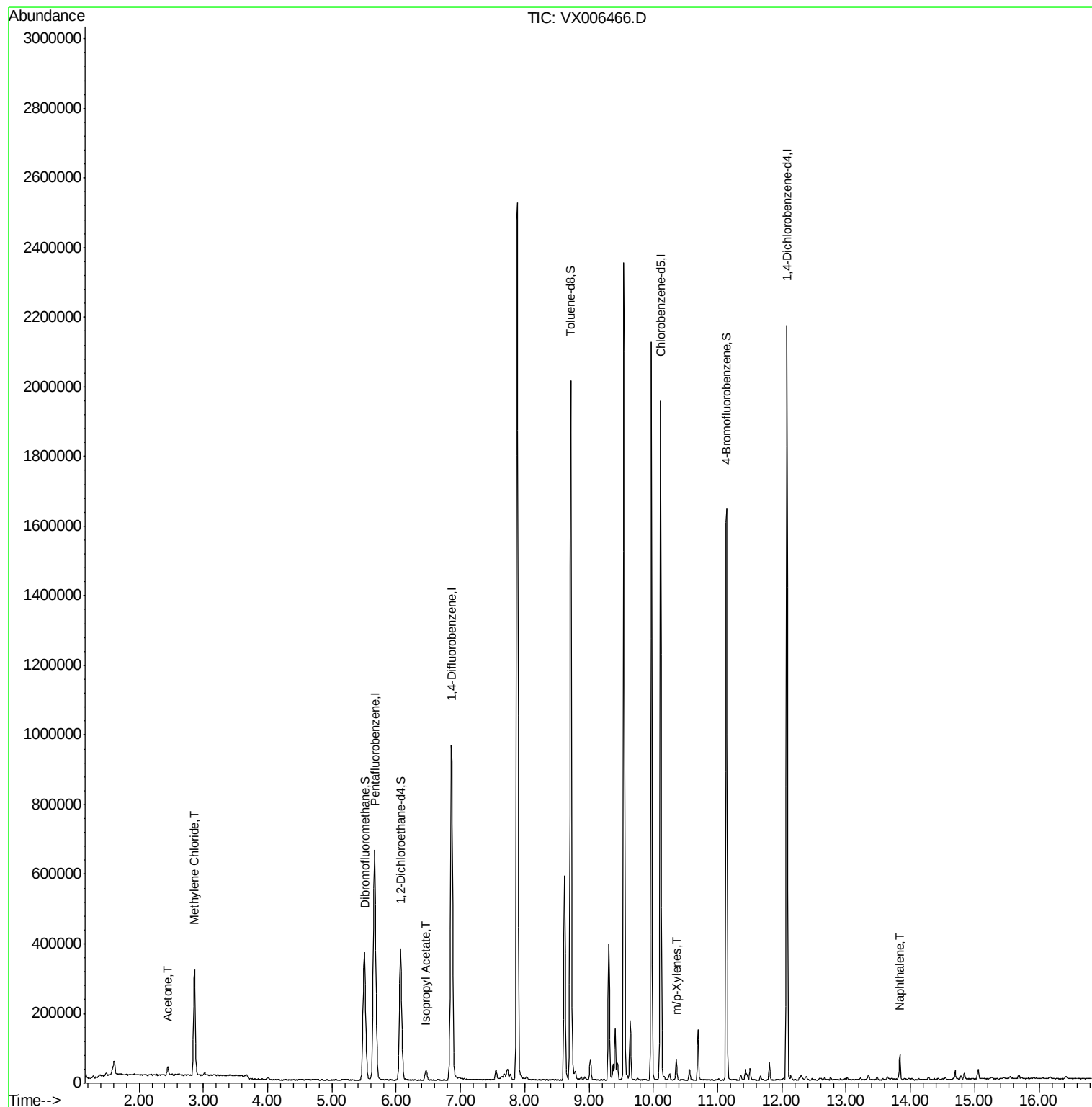
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	671622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1048680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	957932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	353765	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	5.51	113	315490	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	1235662	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	455034	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	2.45	43	26757	8.316	ug/l	96
20) Methylene Chloride	2.86	84	141490	20.662	ug/l	92
43) Isopropyl Acetate	6.46	43	36118	2.190	ug/l	95
68) m/p-Xylenes	10.36	106	14573	1.076	ug/l	98
95) Naphthalene	13.83	128	45114	1.272	ug/l	99

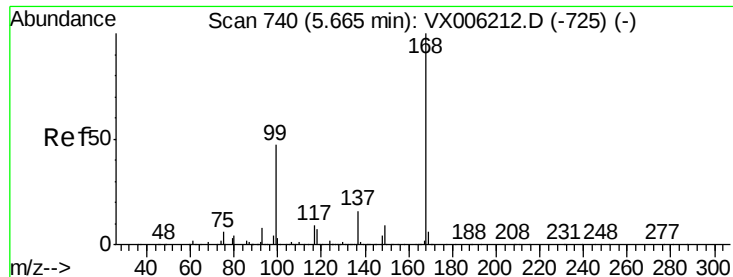
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006466.D

Acq: 13 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

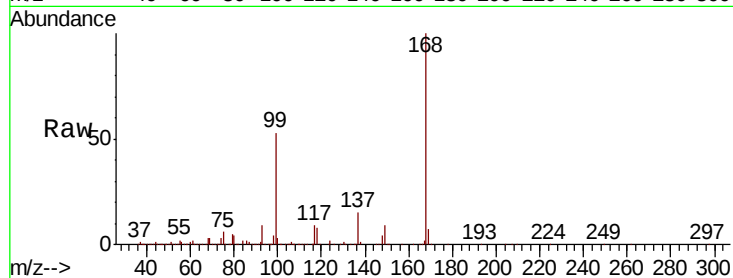
CL-01-121018-A

Tot Ion:168 Resp: 671622

Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

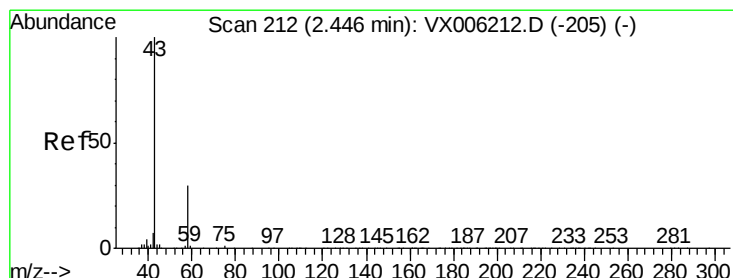
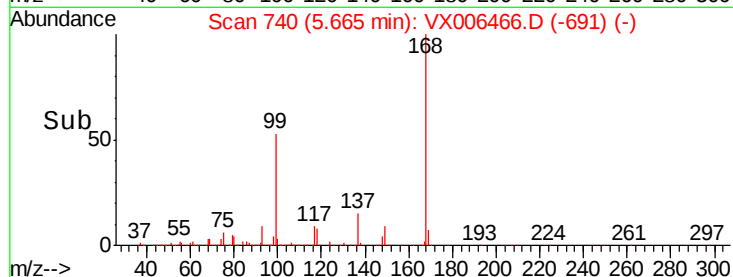
50000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 8.316 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006466.D

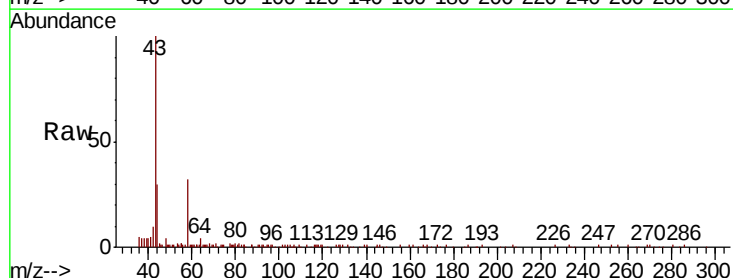
Acq: 13 Dec 2018 01:32

Tgt Ion: 43 Resp: 26757

Ion Ratio Lower Upper

43 100

58 31.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

10000

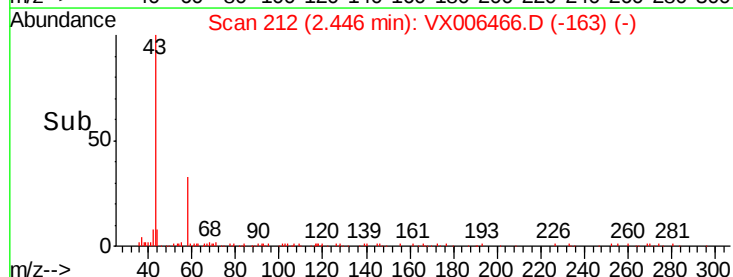
5000

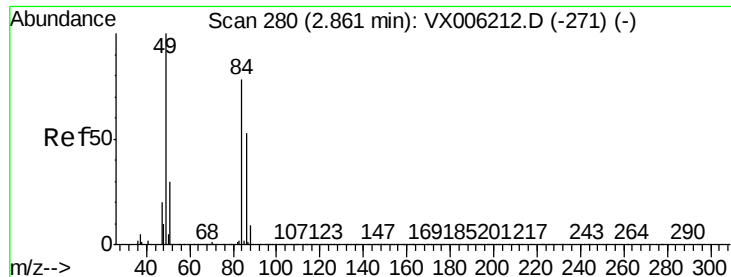
0

2.45

2.40 2.45 2.50

Time-->

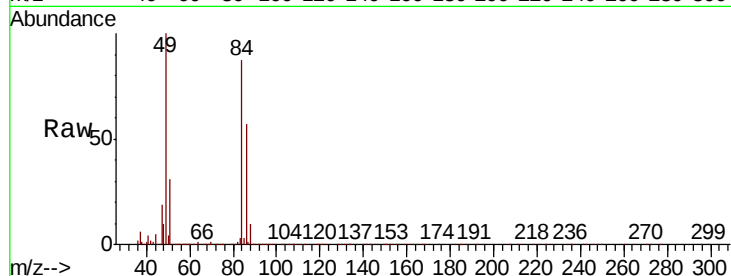




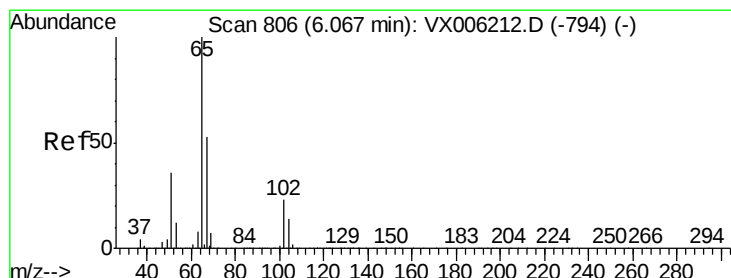
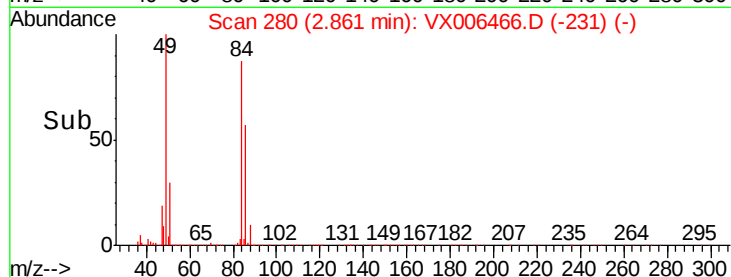
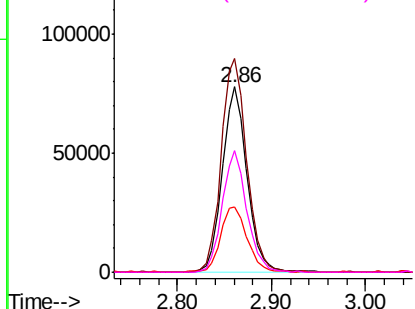
#20
Methvlene Chloride
Concen: 20.662 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006466.D
Acq: 13 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-A

Tot Ion: 84 Resp: 141490
Ion Ratio Lower Upper
84 100
49 115.1 102.2 153.4
51 35.1 31.1 46.7
86 65.4 53.7 80.5

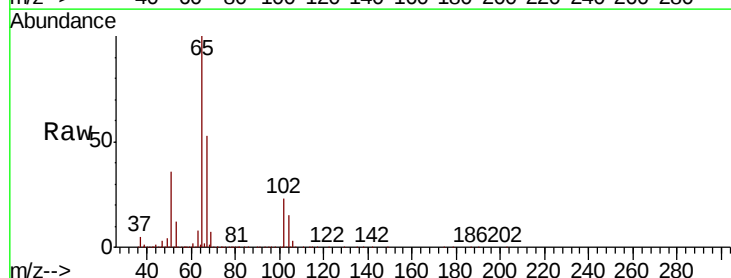


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

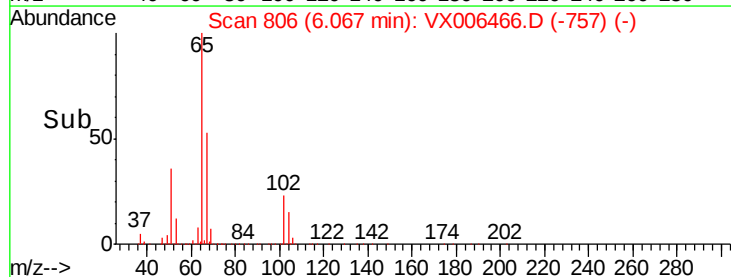
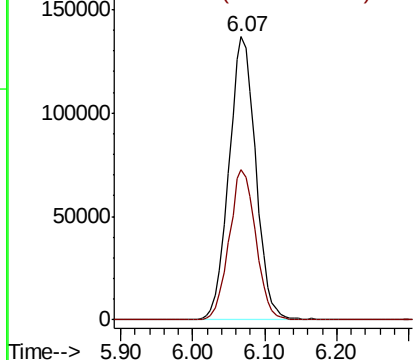


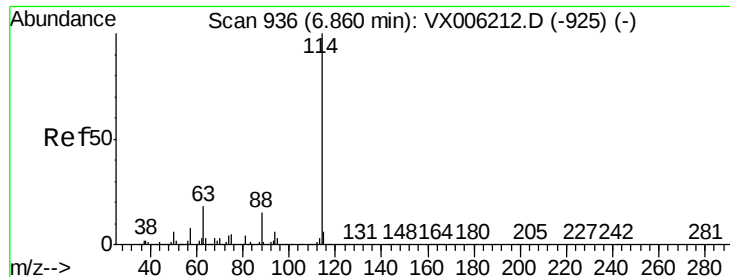
#33
1,2-Dichloroethane-d4
Concen: 51.598 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006466.D
Acq: 13 Dec 2018 01:32

Tgt Ion: 65 Resp: 353765
Ion Ratio Lower Upper
65 100
67 52.9 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: VX006466.D

Acq: 13 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-A

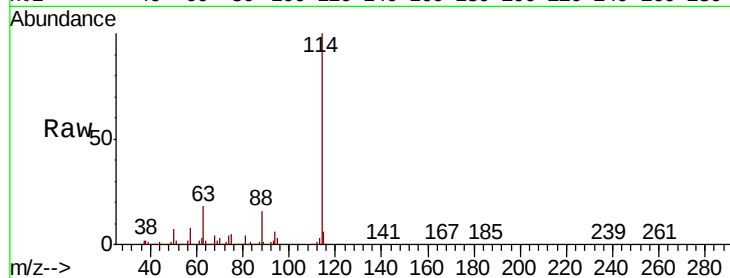
Tot Ion:114 Resp: 1048680

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

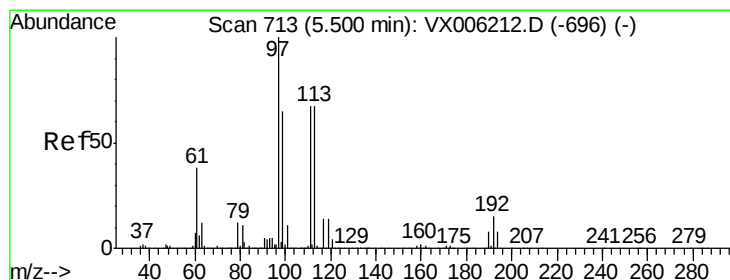
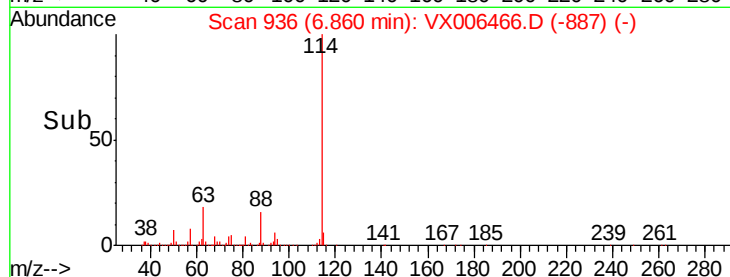
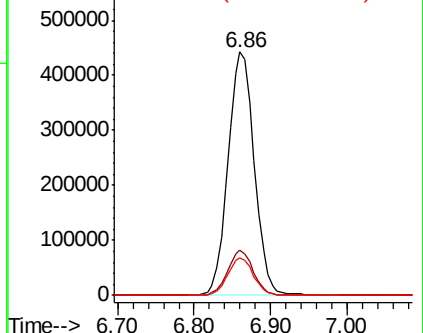
88 15.5 0.0 29.0



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: 46.465 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006466.D

Acq: 13 Dec 2018 01:32

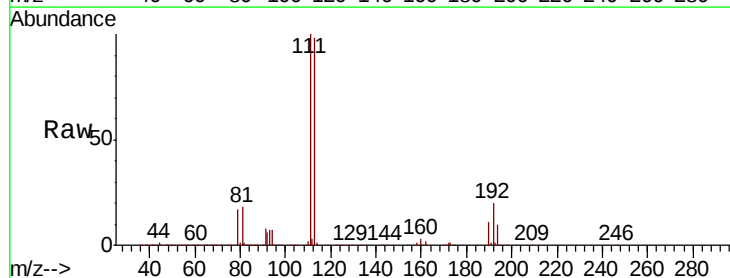
Tgt Ion:113 Resp: 315490

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

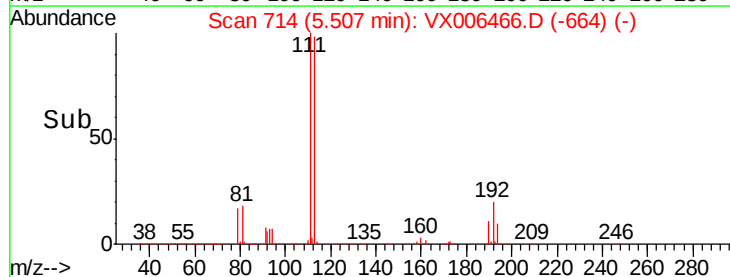
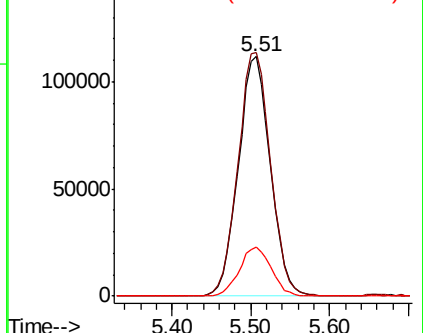
192 20.5 18.2 27.2

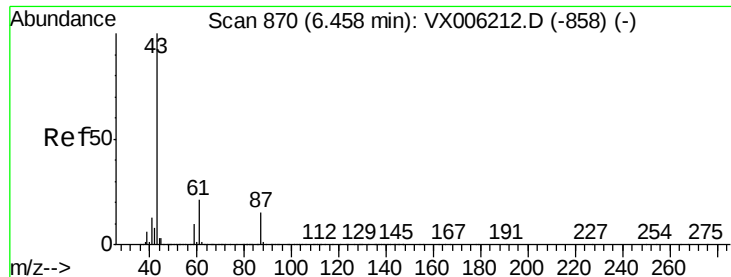


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.190 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006466.D

Acq: 13 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-A

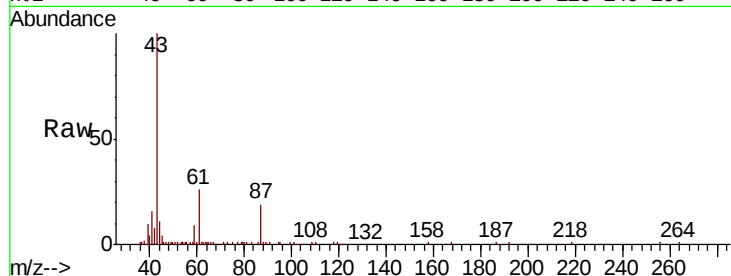
Tot Ion: 43 Resp: 36118

Ion Ratio Lower Upper

43 100

61 24.2 16.8 25.2

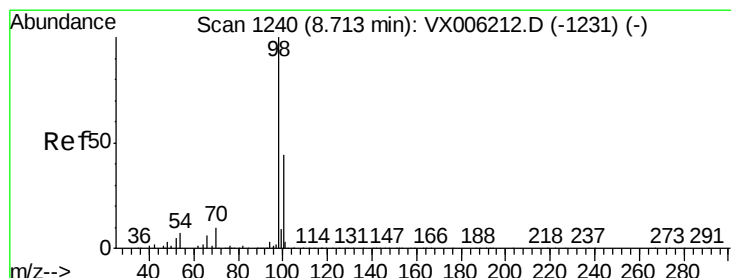
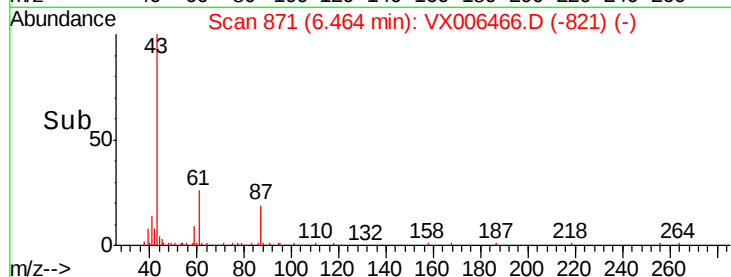
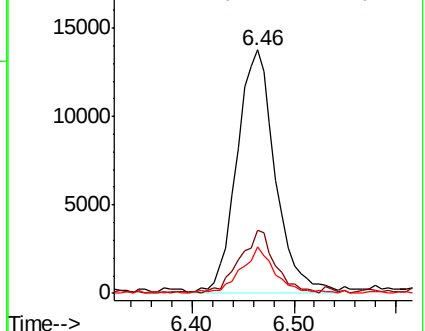
87 16.4 11.9 17.9



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



#50

Toluene-d8

Concen: 50.032 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006466.D

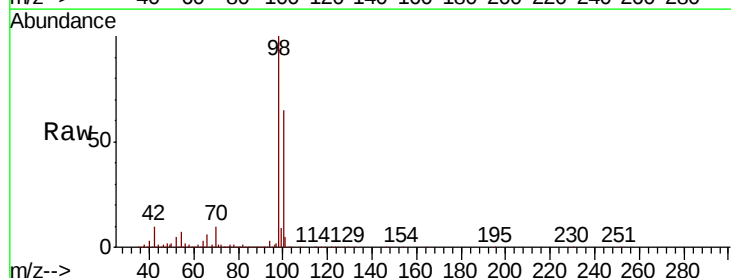
Acq: 13 Dec 2018 01:32

Tgt Ion: 98 Resp: 1235662

Ion Ratio Lower Upper

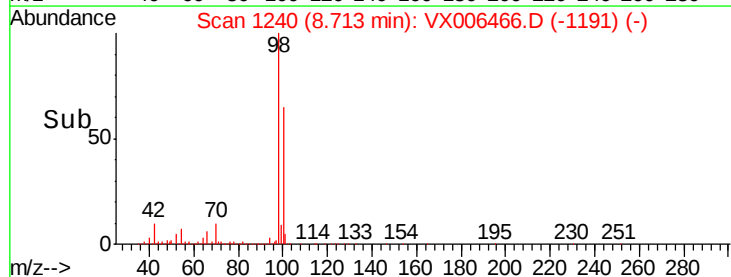
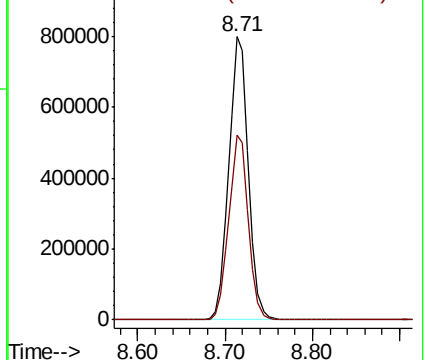
98 100

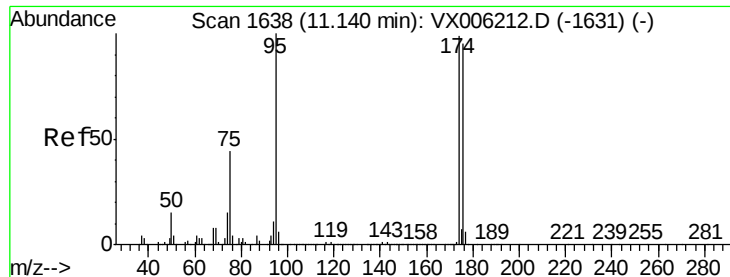
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

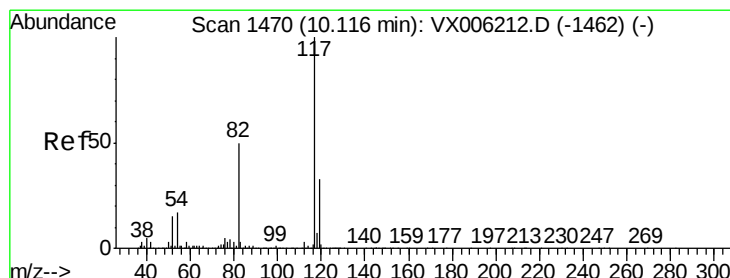
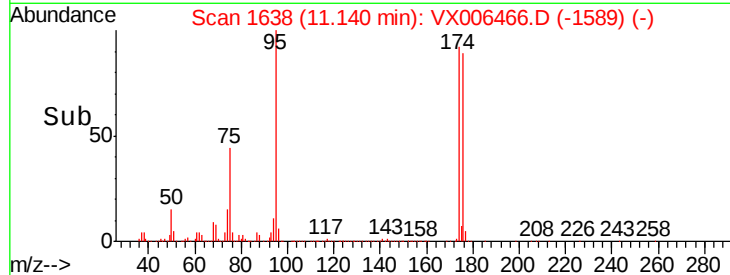
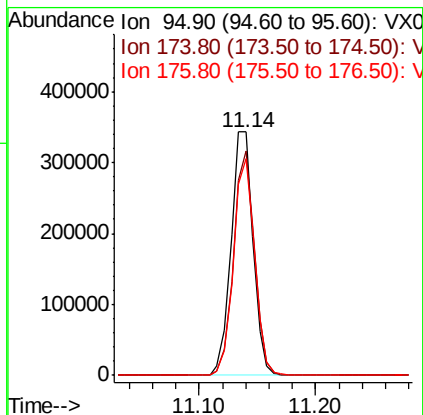
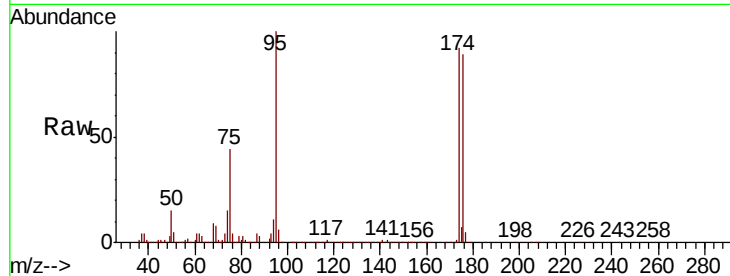




#62
4-Bromofluorobenzene
Concen: 48.893 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006466.D
Acq: 13 Dec 2018 01:32

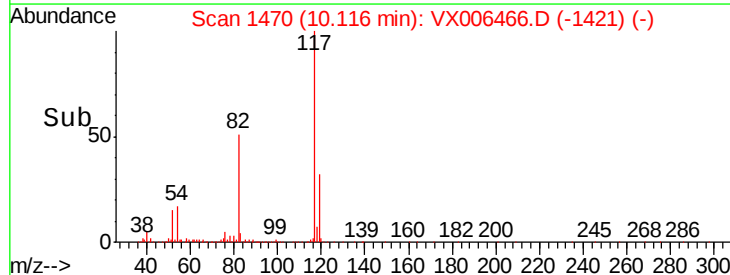
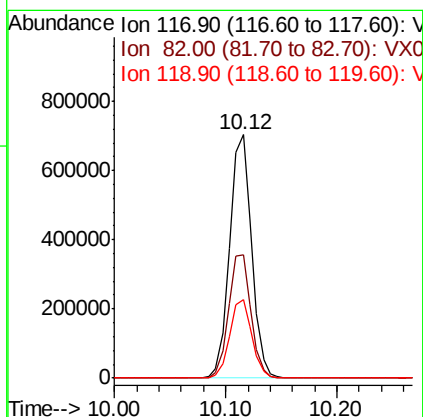
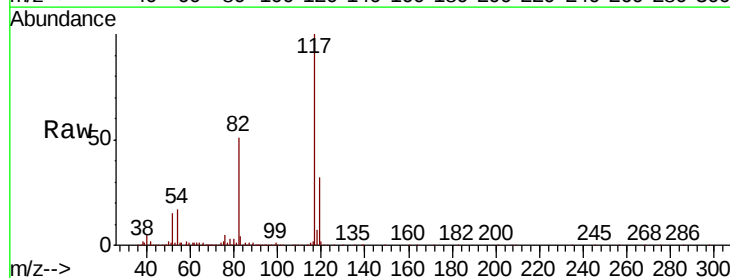
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-A

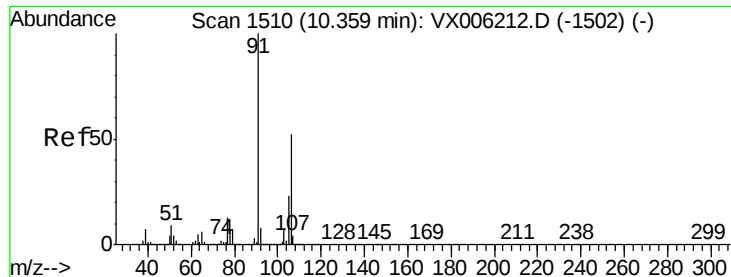
Tot Ion: 95 Resp: 455034
Ion Ratio Lower Upper
95 100
174 87.3 0.0 187.0
176 85.2 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006466.D
Acq: 13 Dec 2018 01:32

Tgt Ion: 117 Resp: 957932
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 32.5 26.3 39.5





#68

m/p-Xvlenes

Concen: 1.076 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006466.D

Acq: 13 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

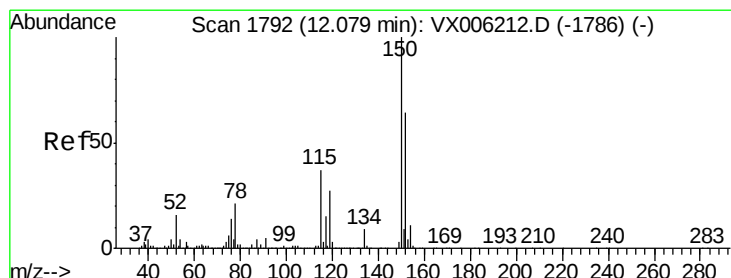
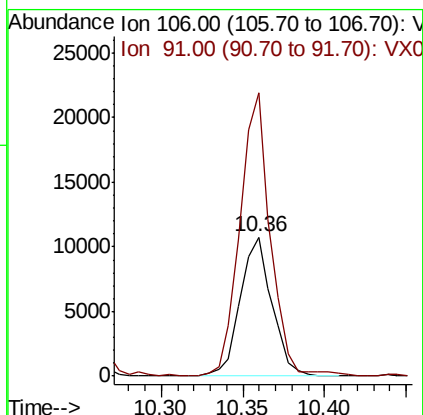
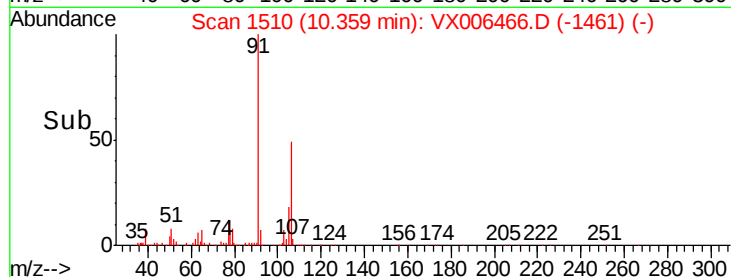
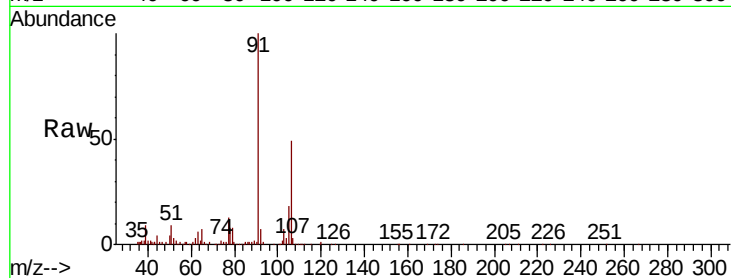
CL-01-121018-A

Tot Ion:106 Resp: 14573

Ion Ratio Lower Upper

106 100

91 196.6 155.2 232.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006466.D

Acq: 13 Dec 2018 01:32

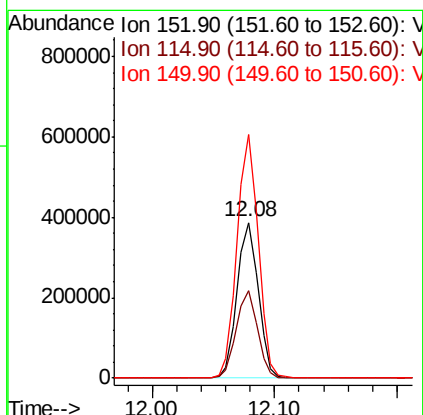
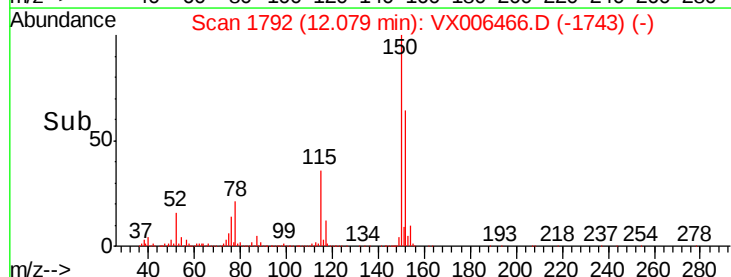
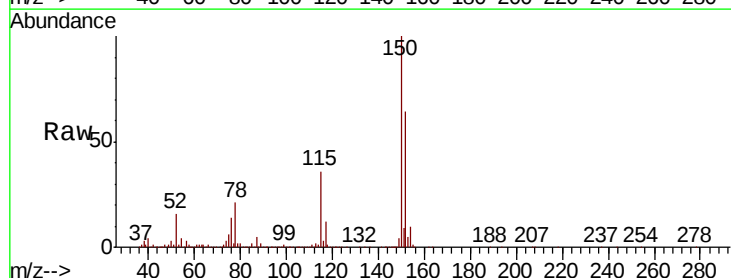
Tgt Ion:152 Resp: 461773

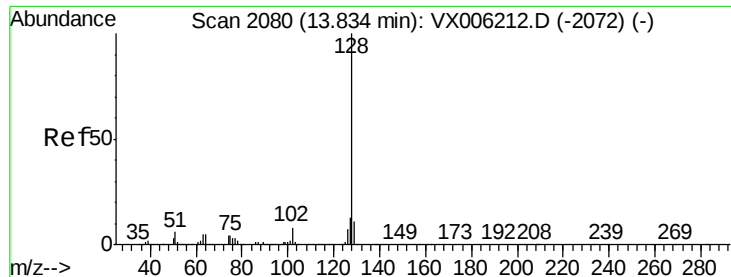
Ion Ratio Lower Upper

152 100

115 56.0 39.0 116.9

150 155.9 0.0 345.8

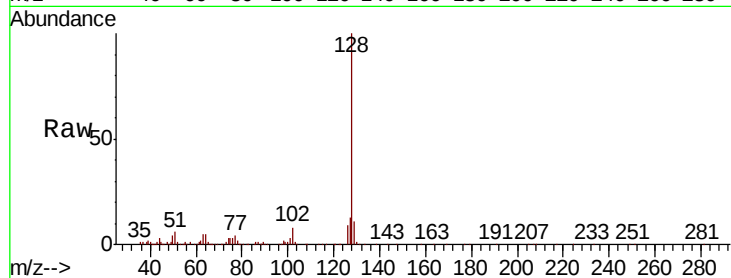




#95
Naphthalene
Concen: 1.272 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006466.D
Acq: 13 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.9	13.3



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

