

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005766.D
 Acq On : 02 Nov 2018 19:38
 Operator : JC/MD
 Sample : J5767-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-110118-A

Quant Time: Nov 03 02:57:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

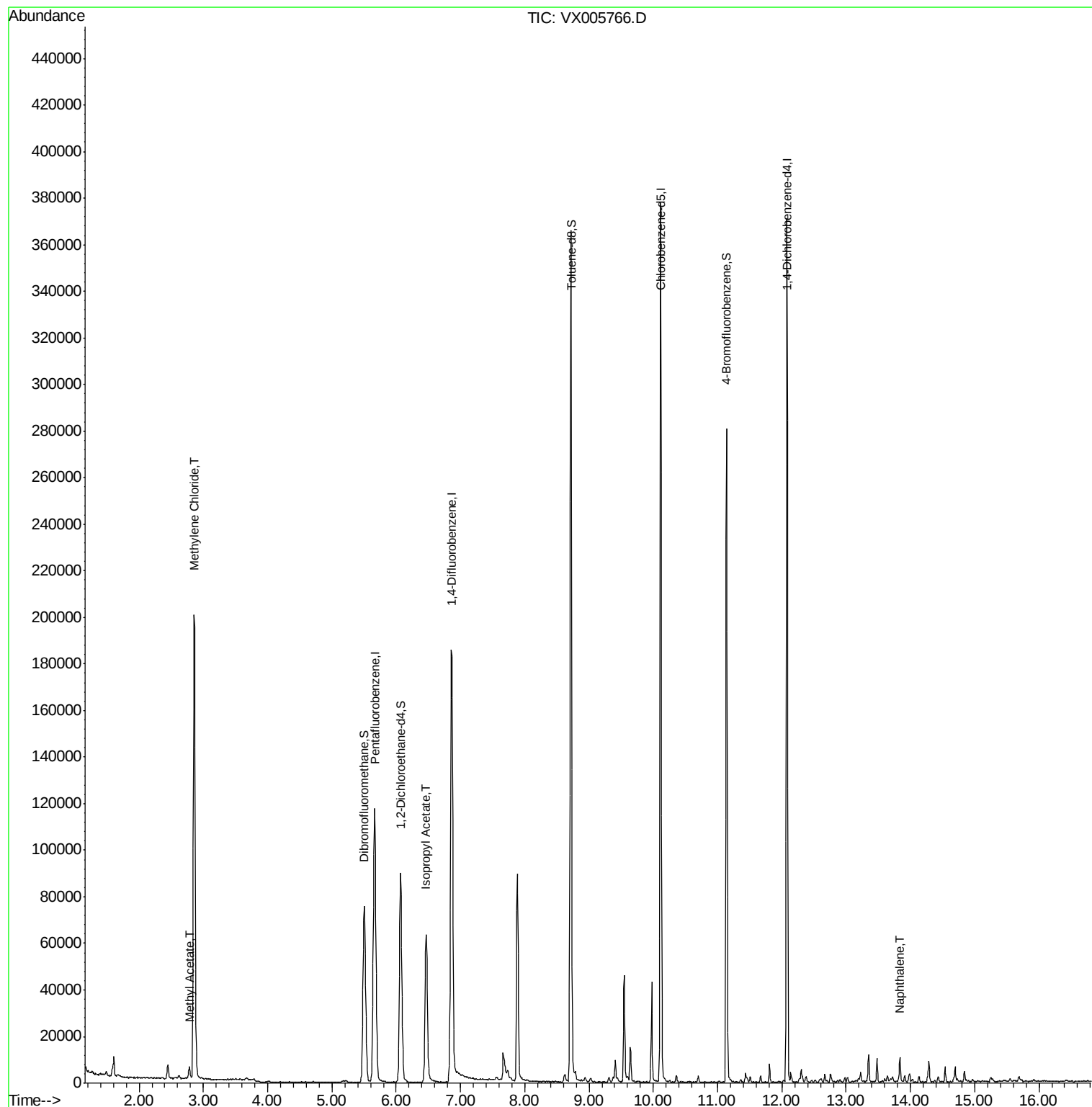
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	108667	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	187941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	168430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	86014	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	5.50	113	65303	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.72	98	224192	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	69849	41.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.94%	
Target Compounds						
18) Methyl Acetate	2.78	43	6397	2.806	ug/l	93
20) Methylene Chloride	2.85	84	90847	66.310	ug/l	98
43) Isopropyl Acetate	6.47	43	86052	23.208	ug/l	98
95) Naphthalene	13.83	128	6046	1.260	ug/l	98

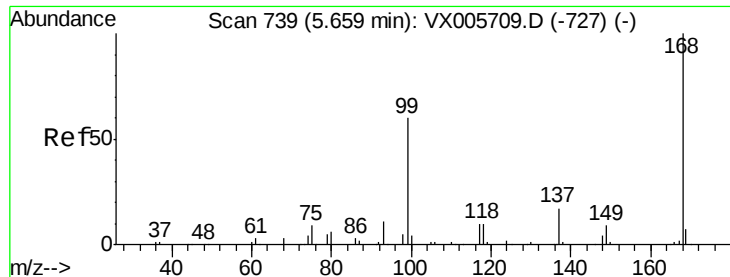
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005766.D

Acq: 02 Nov 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

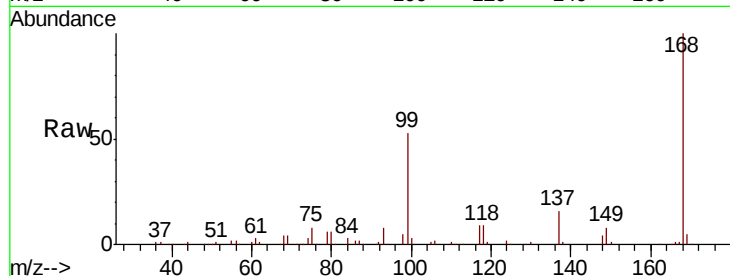
CL-02-110118-A

Tot Ion:168 Resp: 108667

Ion Ratio Lower Upper

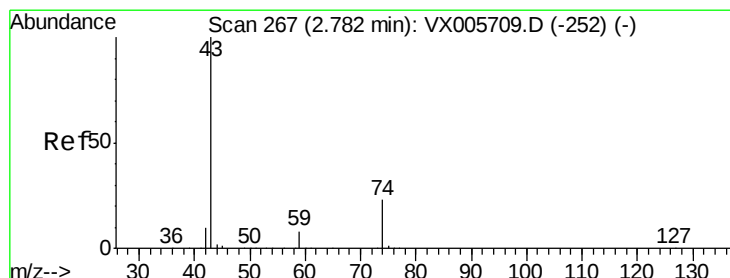
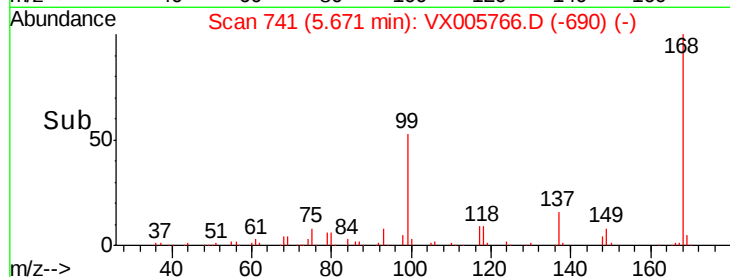
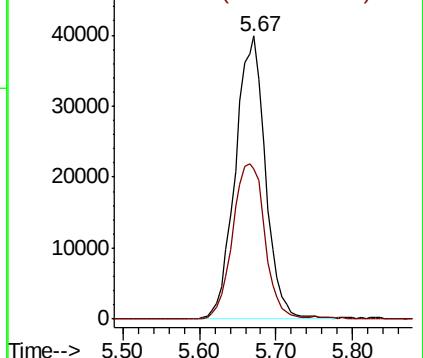
168 100

99 53.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 2.806 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005766.D

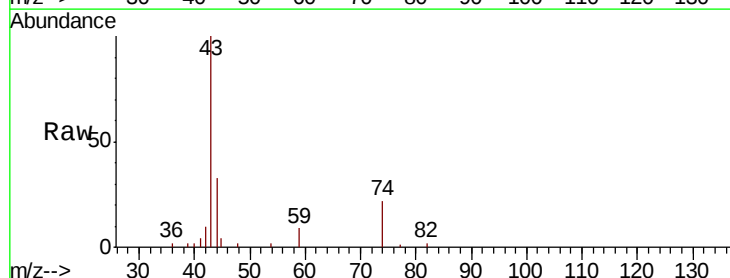
Acq: 02 Nov 2018 19:38

Tgt Ion: 43 Resp: 6397

Ion Ratio Lower Upper

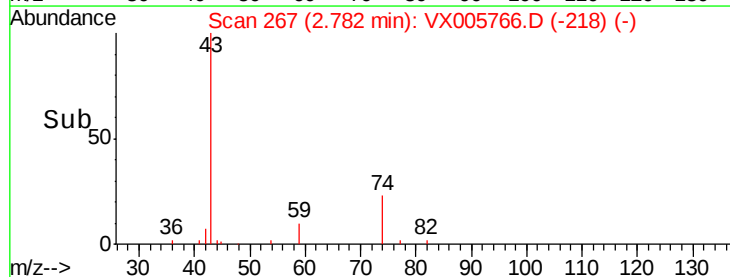
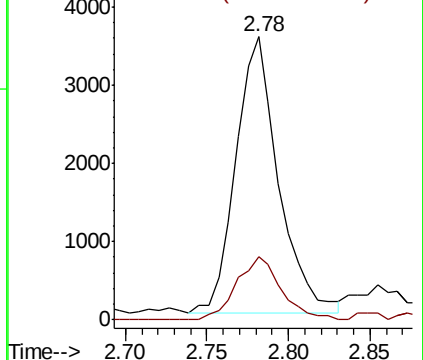
43 100

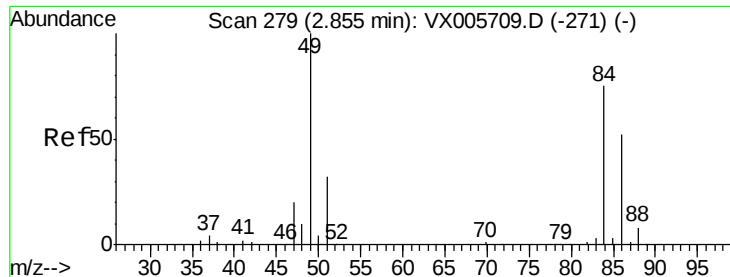
74 24.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 66.310 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005766.D

Acq: 02 Nov 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

CL-02-110118-A

Tot Ion: 84 Resp: 90847

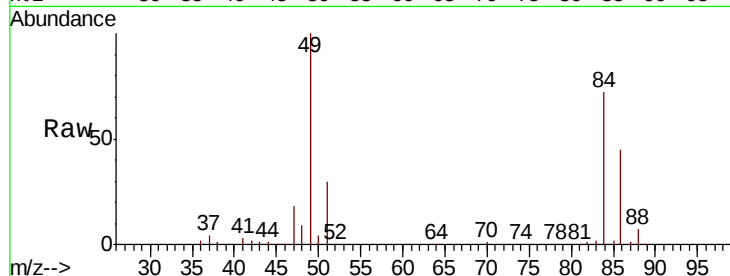
Ion Ratio Lower Upper

84 100

49 139.1 109.5 164.3

51 42.0 33.3 49.9

86 62.2 52.7 79.1

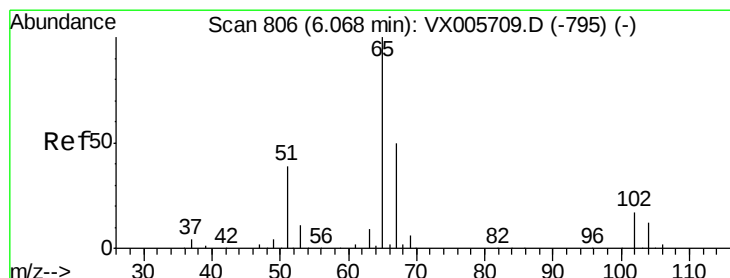
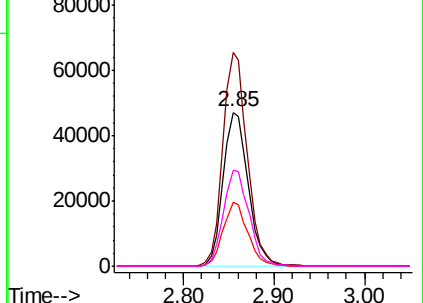
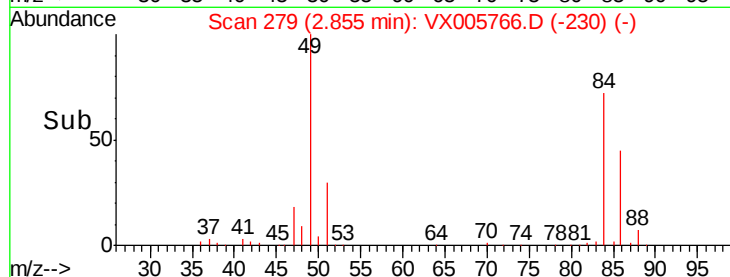


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 54.140 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005766.D

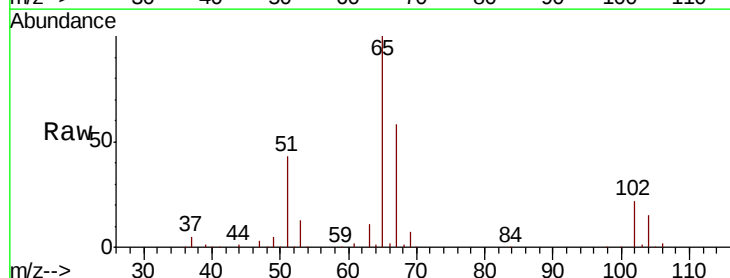
Acq: 02 Nov 2018 19:38

Tgt Ion: 65 Resp: 86014

Ion Ratio Lower Upper

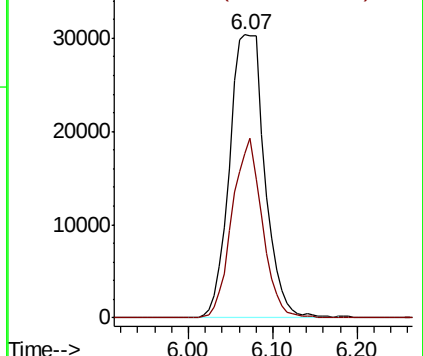
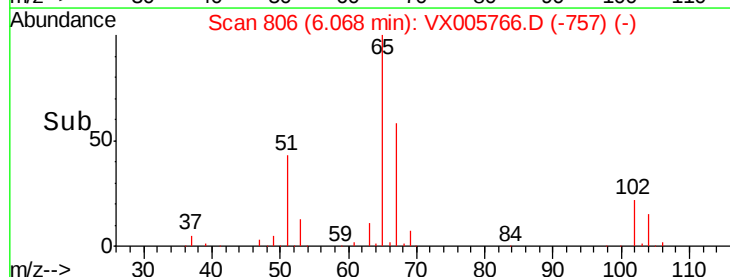
65 100

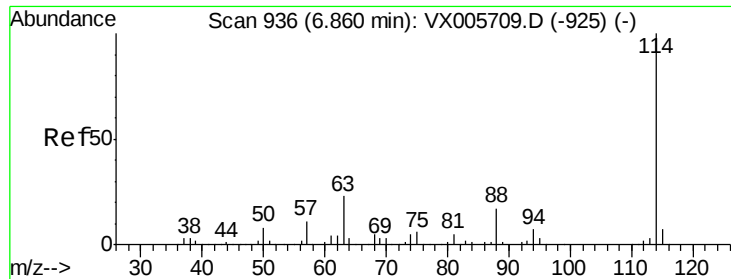
67 54.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

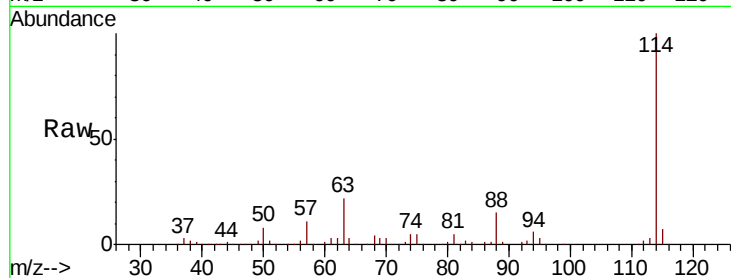




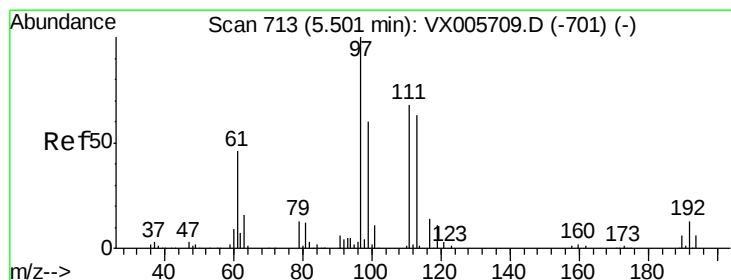
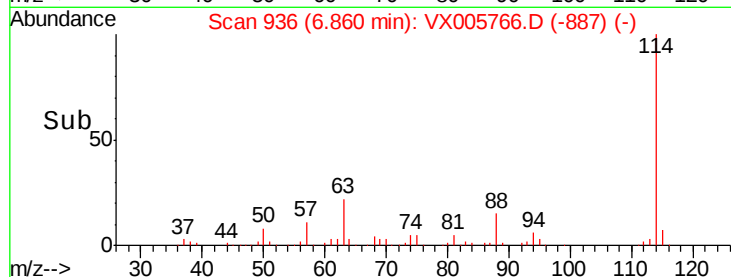
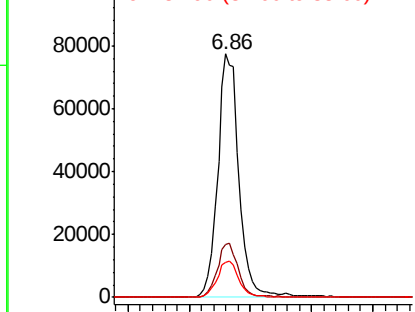
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005766.D
 Acq: 02 Nov 2018 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-110118-A

Tot Ion:114 Resp: 187941
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 14.5 0.0 31.2

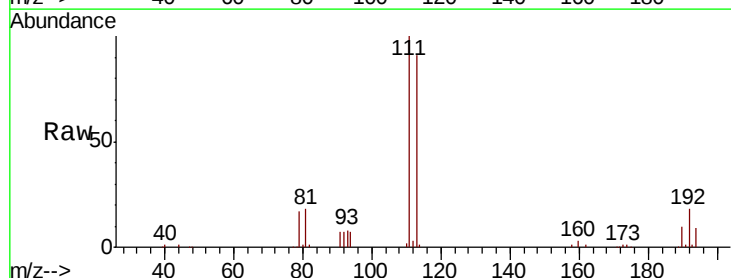


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

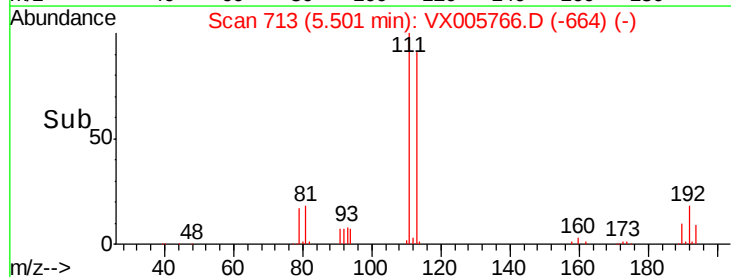
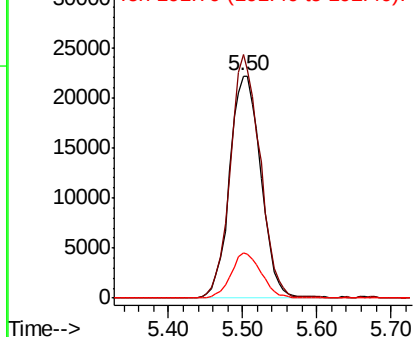


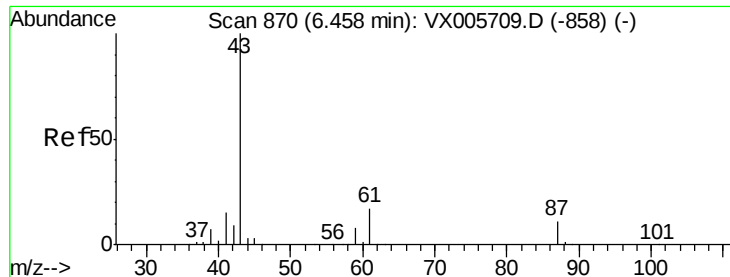
#35
 Dibromofluoromethane
 Concen: 50.182 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005766.D
 Acq: 02 Nov 2018 19:38

Tgt Ion:113 Resp: 65303
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 19.7 17.9 26.9



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



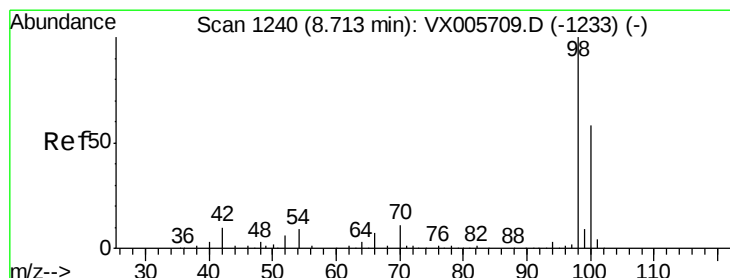
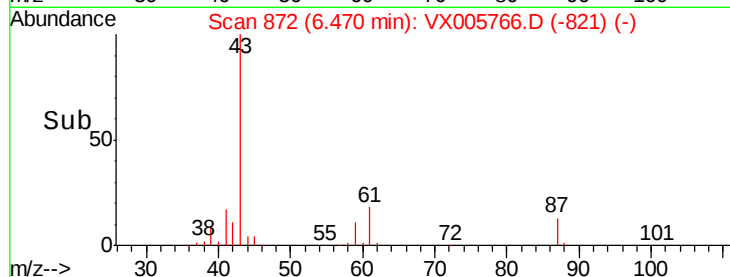
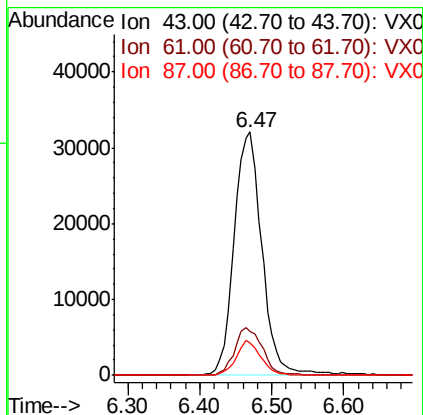
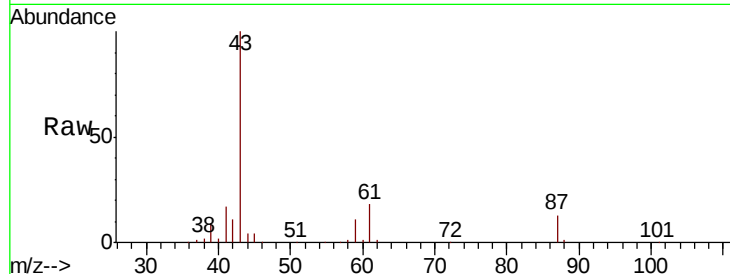


#43

Isopropyl Acetate
 Concen: 23.208 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX005766.D
 Acq: 02 Nov 2018 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-110118-A

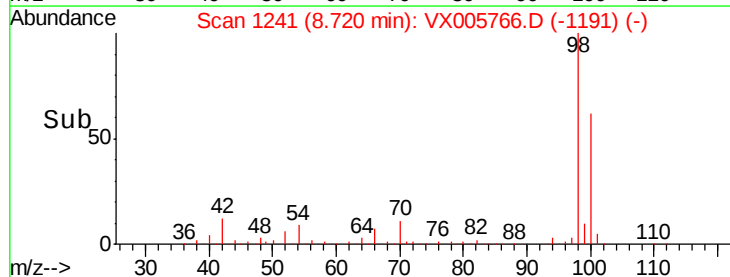
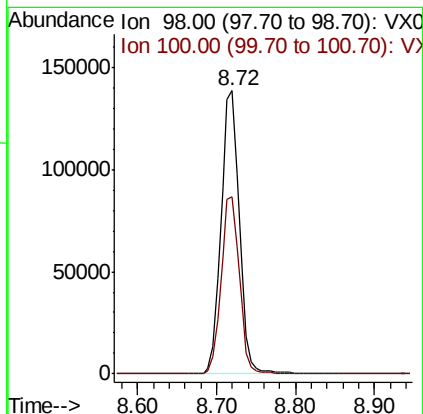
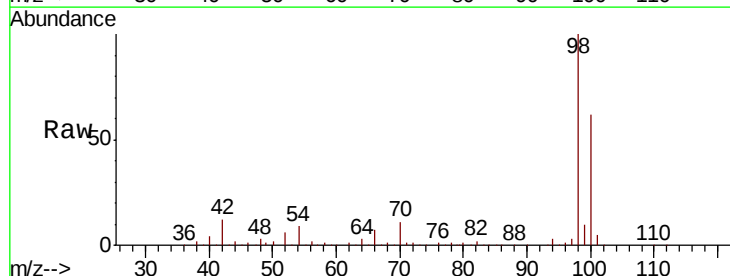
Tot Ion	43	Resp	86052
Ion Ratio	100		
Lower	14.6		
Upper	22.0		
61	19.7		
87	12.5		
	9.6		

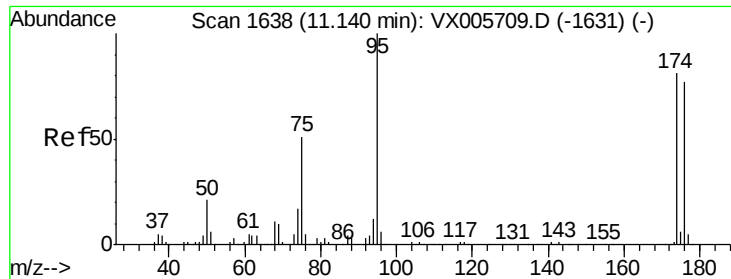


#50

Toluene-d8
 Concen: 49.120 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX005766.D
 Acq: 02 Nov 2018 19:38

Tgt Ion	98	Resp	224192
Ion Ratio	100		
Lower	51.3		
Upper	76.9		
100	62.2		





#62

4-Bromofluorobenzene

Concen: 41.466 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005766.D

Acq: 02 Nov 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

CL-02-110118-A

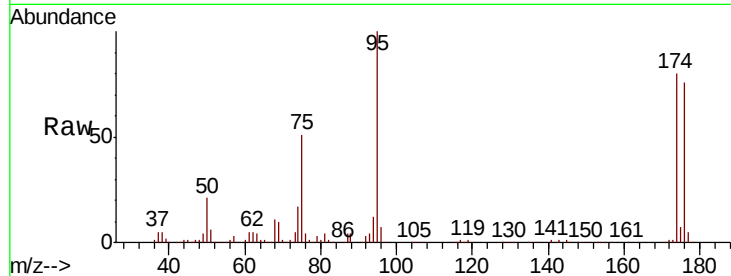
Tot Ion: 95 Resp: 69849

Ion Ratio Lower Upper

95 100

174 79.8 0.0 184.4

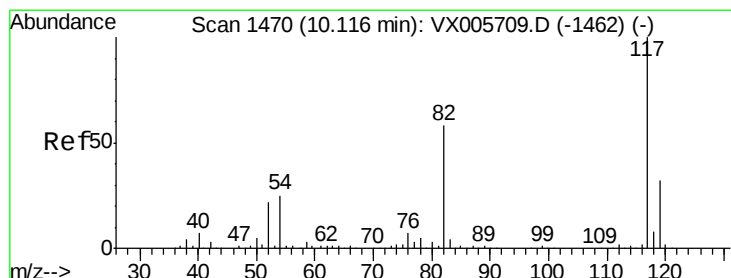
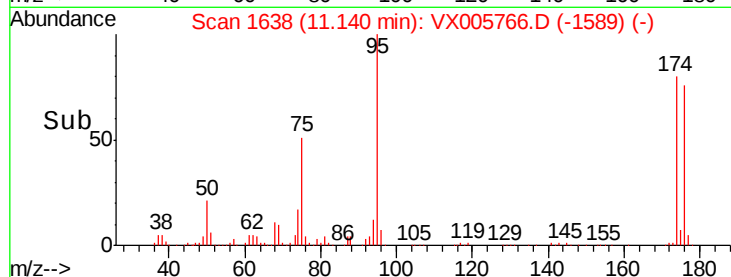
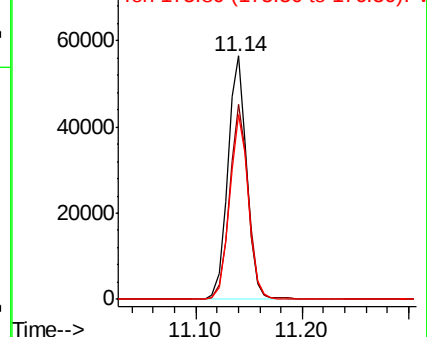
176 76.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005709.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005709.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005709.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005766.D

Acq: 02 Nov 2018 19:38

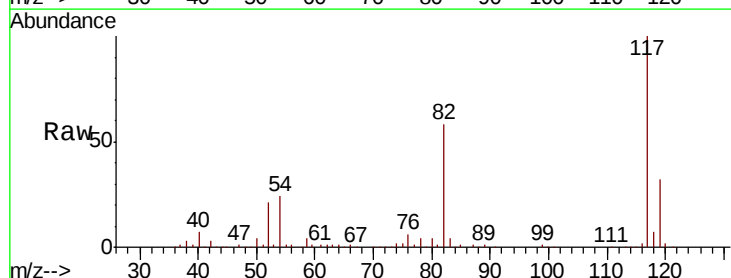
Tgt Ion: 117 Resp: 168430

Ion Ratio Lower Upper

117 100

82 58.1 44.1 66.1

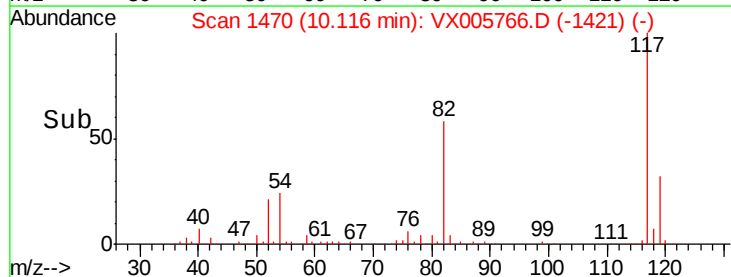
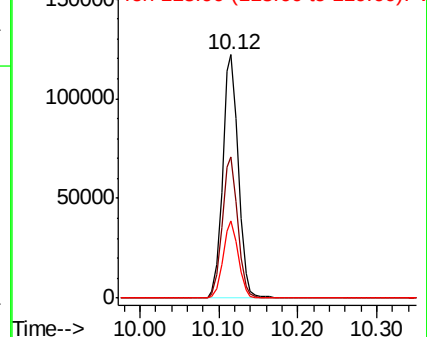
119 31.7 26.2 39.2

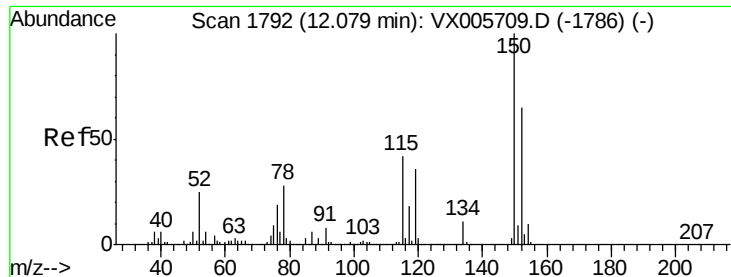


Abundance Ion 116.90 (116.60 to 117.60): VX005709.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005709.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005709.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005766.D

Acq: 02 Nov 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

CL-02-110118-A

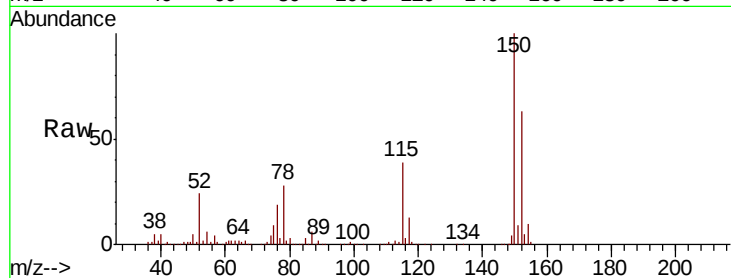
Tot Ion:152 Resp: 68824

Ion Ratio Lower Upper

152 100

115 60.6 39.4 118.1

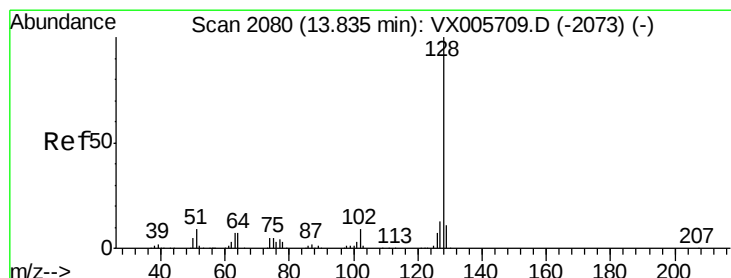
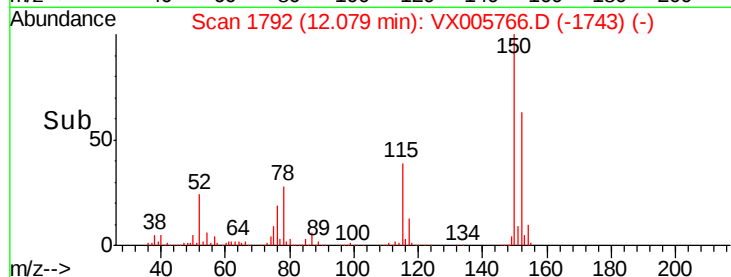
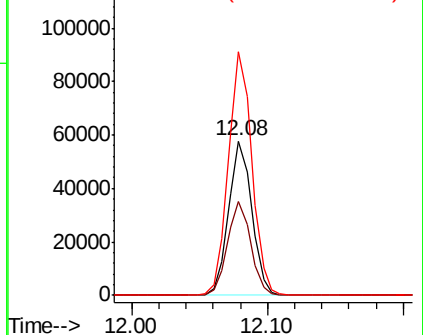
150 159.4 0.0 346.4



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: 1.260 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005766.D

Acq: 02 Nov 2018 19:38

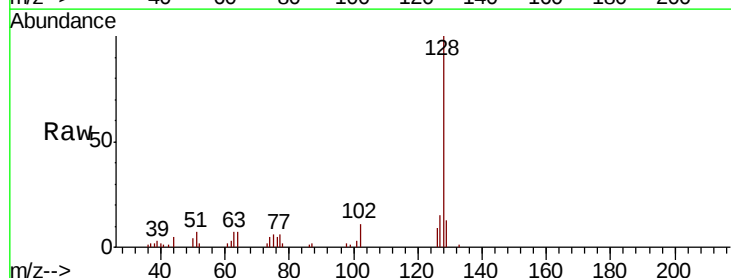
Tgt Ion:128 Resp: 6046

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 11.7 8.7 13.1



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

