

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001066.D
 Acq On : 23 Apr 2018 18:27
 Operator : JC/MD
 Sample : J2464-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0445-180147

Quant Time: Apr 24 08:07:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

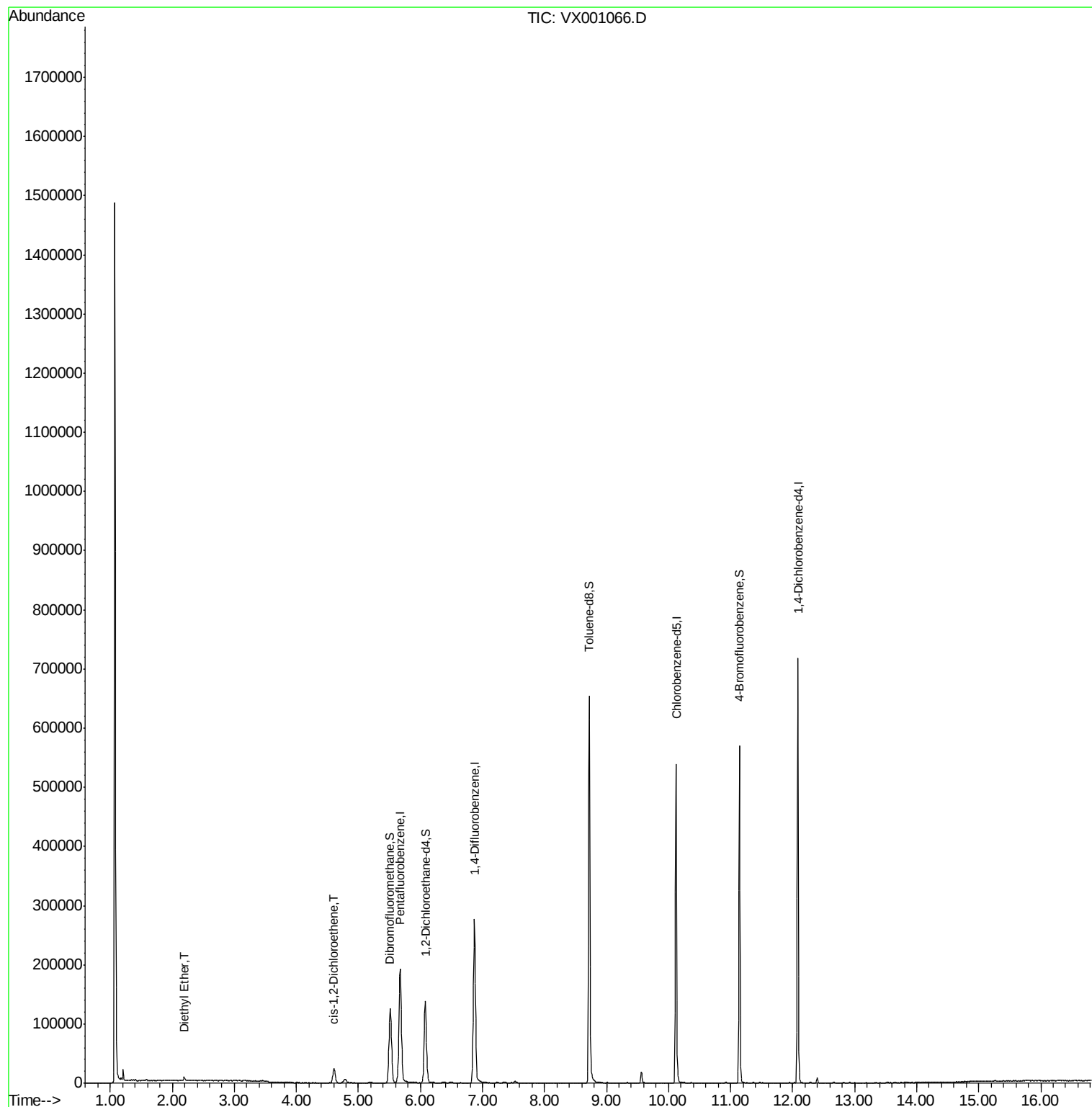
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	284629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	134504	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	5.51	113	103388	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.72	98	399259	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	144045	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
8) Diethyl Ether	2.19	74	2116	1.54	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	15195	6.10	ug/l	90

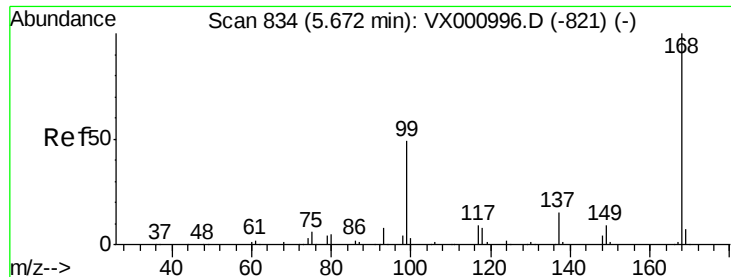
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001066.D

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Instrument :

MSVOA_X

ClientSampleId :

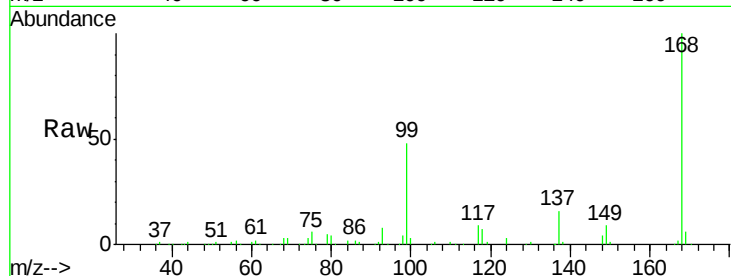
DUP-0445-180147

Tot Ion:168 Resp: 206286

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

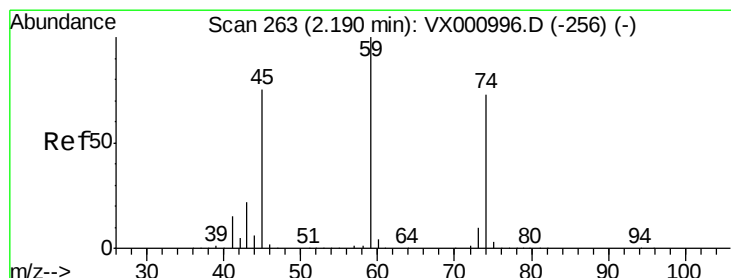
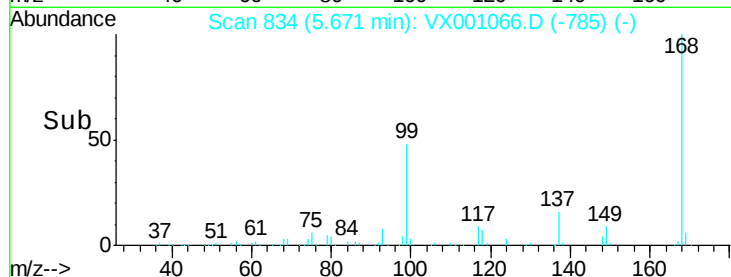
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#8

Diethyl Ether

Concen: 1.54 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001066.D

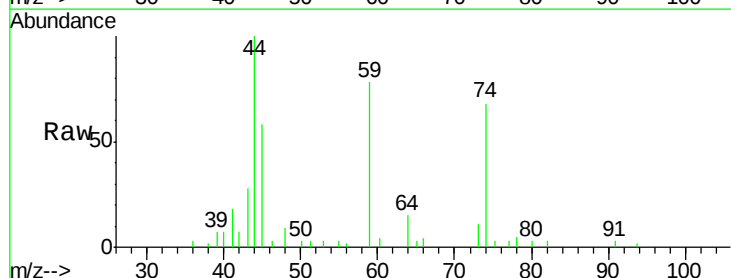
Acq: 23 Apr 2018 18:27

Tgt Ion: 74 Resp: 2116

Ion Ratio Lower Upper

74 100

45 99.5 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

1500

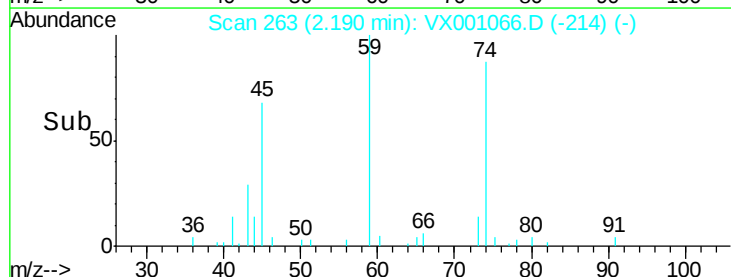
1000

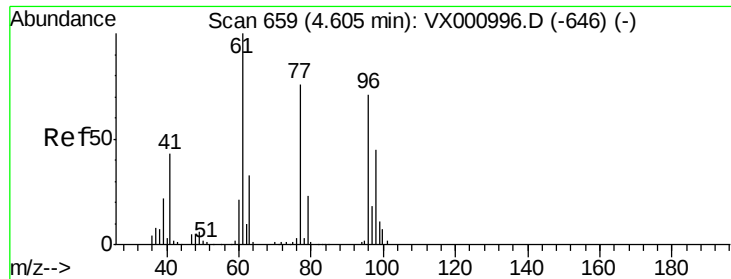
500

0

Time-->

2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 6.10 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001066.D

Acq: 23 Apr 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

DUP-0445-180147

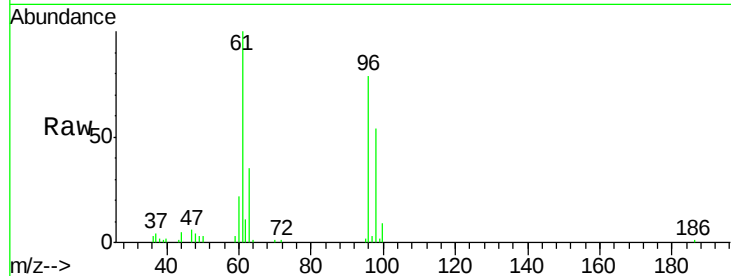
Tot Ion: 96 Resp: 15195

Ion Ratio Lower Upper

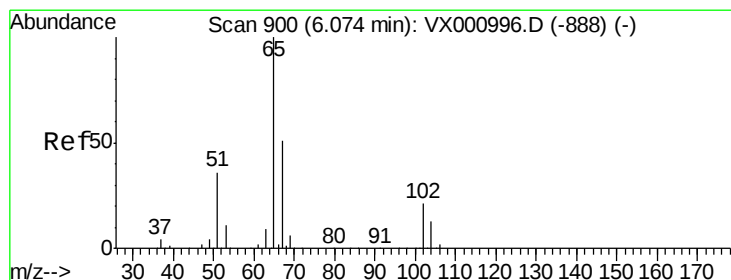
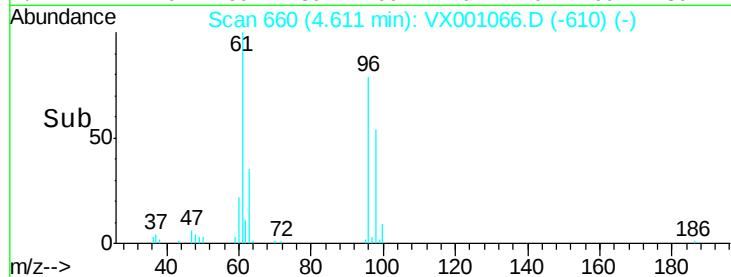
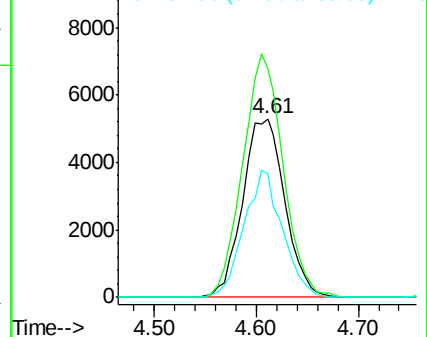
96 100

61 130.4 0.0 297.0

98 64.6 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.44 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001066.D

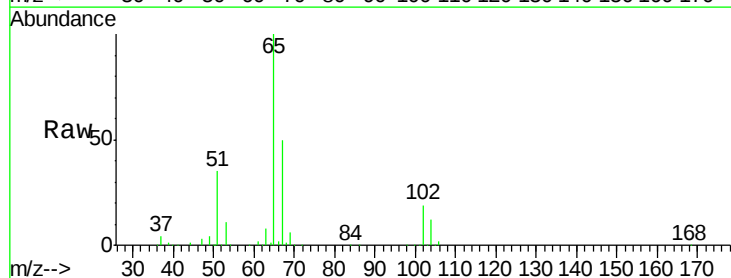
Acq: 23 Apr 2018 18:27

Tgt Ion: 65 Resp: 134504

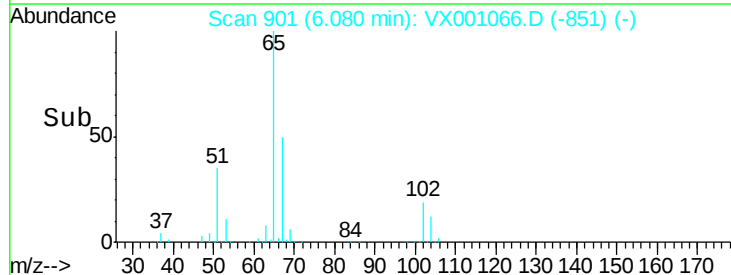
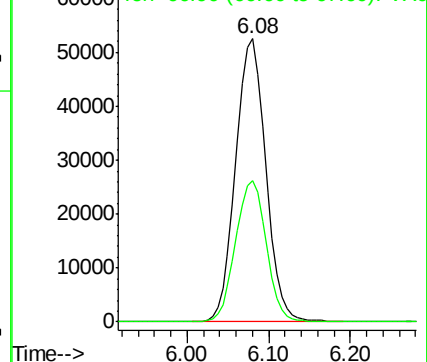
Ion Ratio Lower Upper

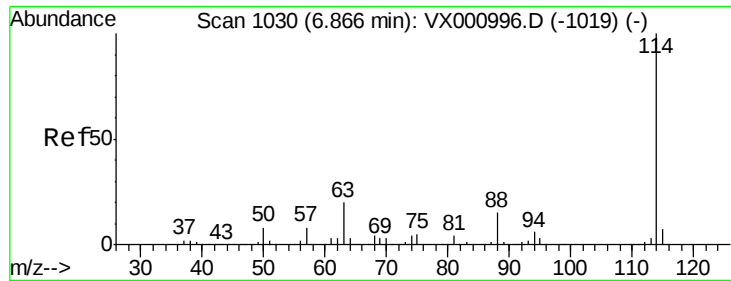
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

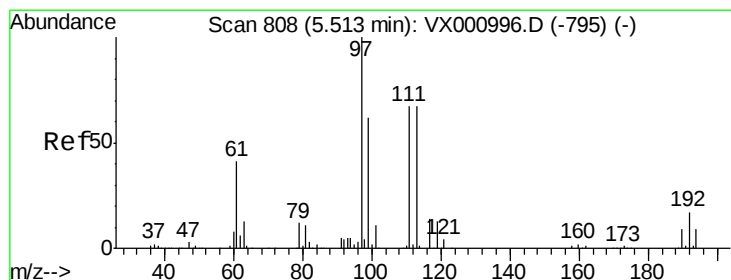
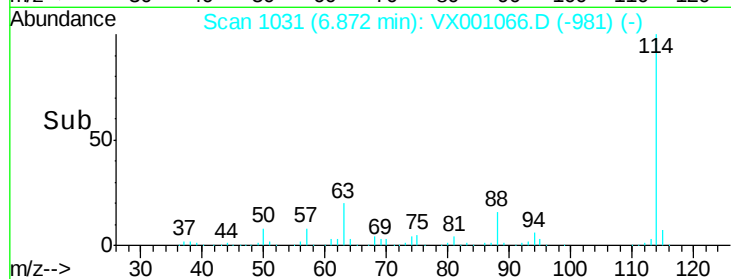
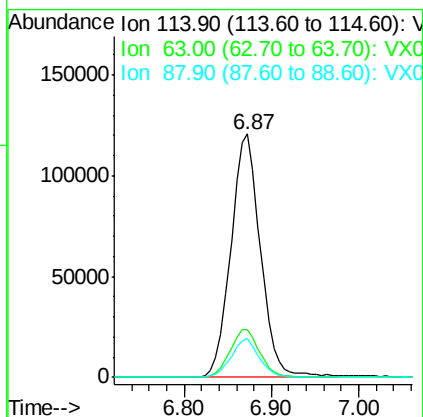
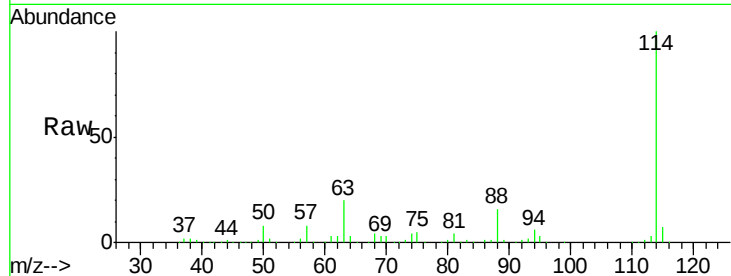




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001066.D
 Acq: 23 Apr 2018 18:27

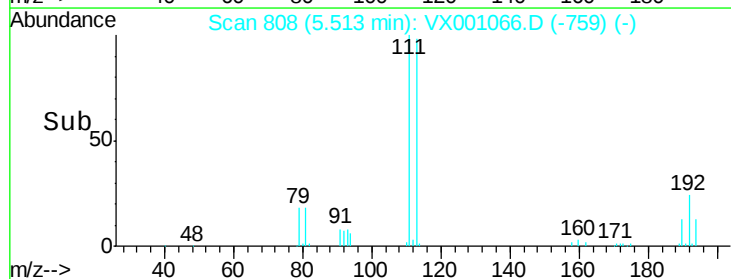
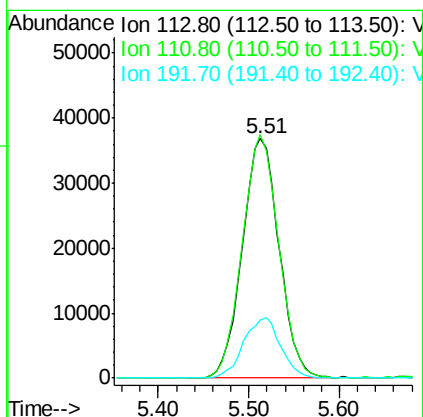
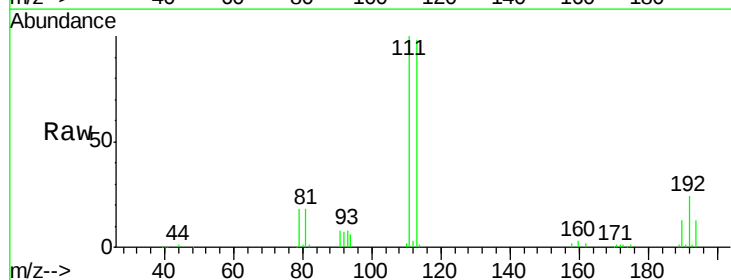
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0445-180147

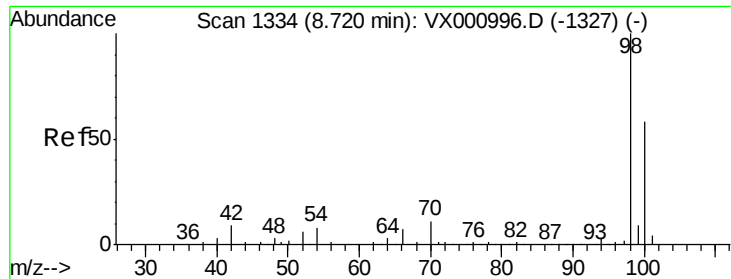
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	15.8	0.0	29.8



#35
 Dibromofluoromethane
 Concen: 47.64 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001066.D
 Acq: 23 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.2
192	25.4	20.4	30.6





#50

Toluene-d8

Concen: 49.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001066.D

Acq: 23 Apr 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

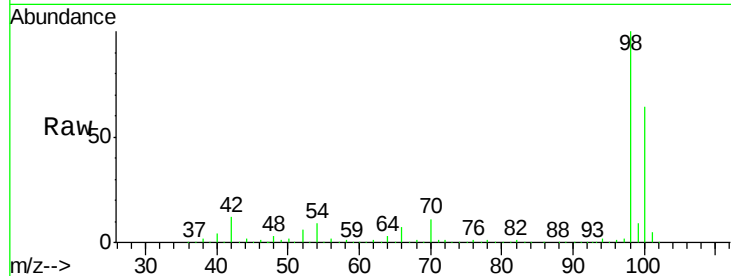
DUP-0445-180147

Tot Ion: 98 Resp: 399259

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

150000

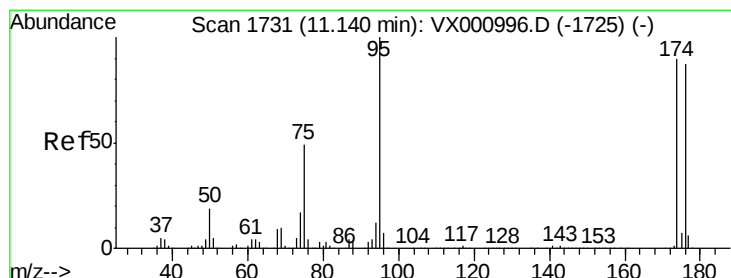
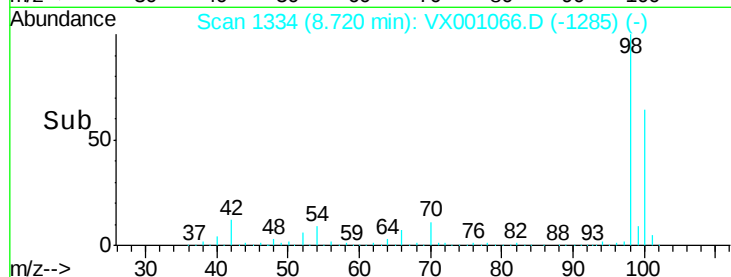
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 42.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001066.D

Acq: 23 Apr 2018 18:27

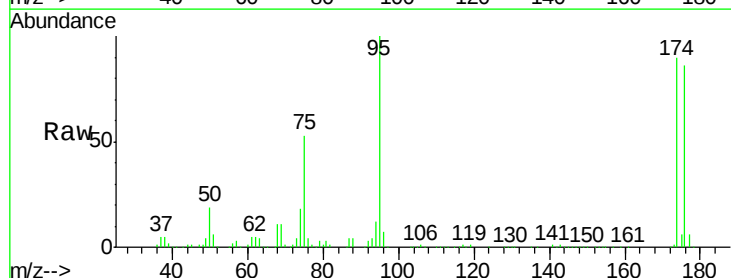
Tgt Ion: 95 Resp: 144045

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

176 95.4 0.0 192.0



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

150000

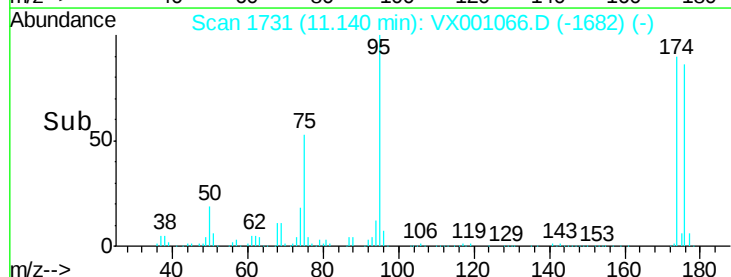
100000

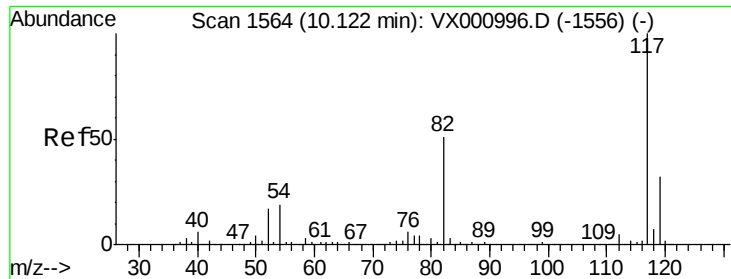
50000

0

Time-->

11.10 11.20

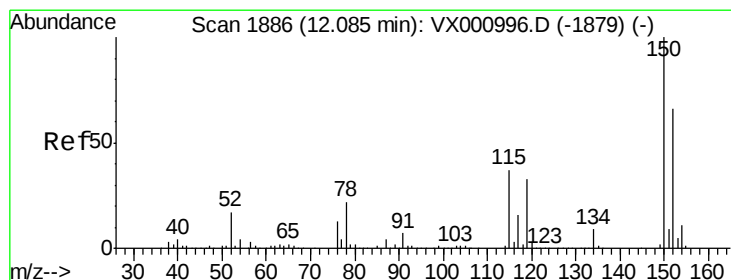
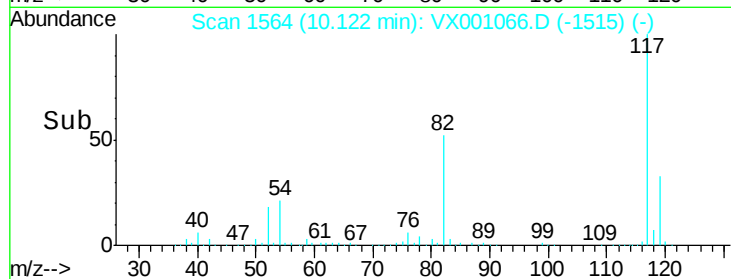
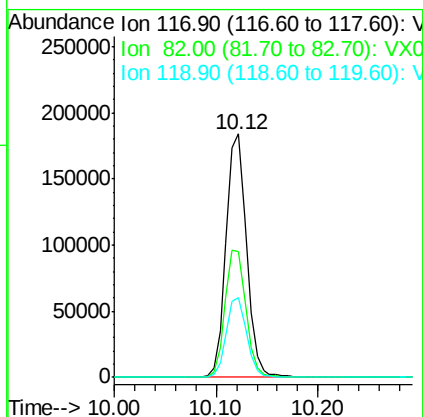
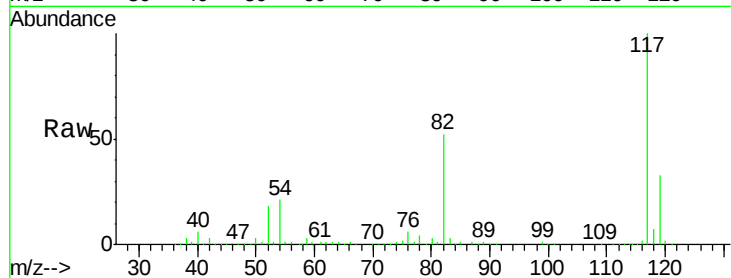




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001066.D
Acq: 23 Apr 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0445-180147

Tot Ion:117 Resp: 257187
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001066.D
Acq: 23 Apr 2018 18:27

Tgt Ion:152 Resp: 152664
Ion Ratio Lower Upper
152 100
115 54.1 38.2 114.6
150 156.6 0.0 350.4

