

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004097.D
 Acq On : 16 Aug 2018 03:07
 Operator : JC/MD
 Sample : J4495-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB02-180814

Quant Time: Aug 16 16:43:20 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	252319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	400095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203932	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191618	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
35) Dibromofluoromethane	5.51	113	156222	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	8.72	98	569346	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.14	95	193049	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	

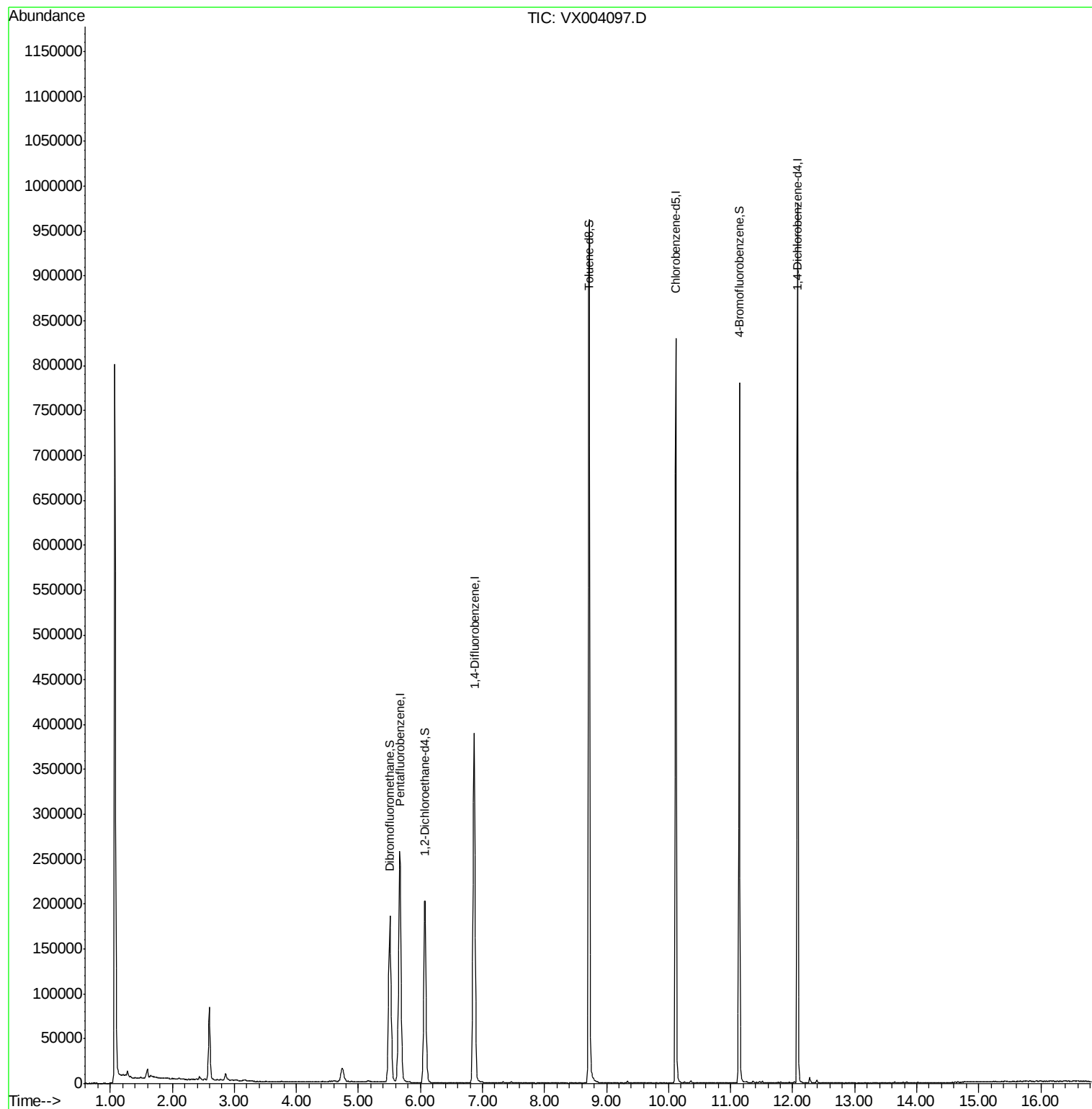
Target Compounds	Qvalue

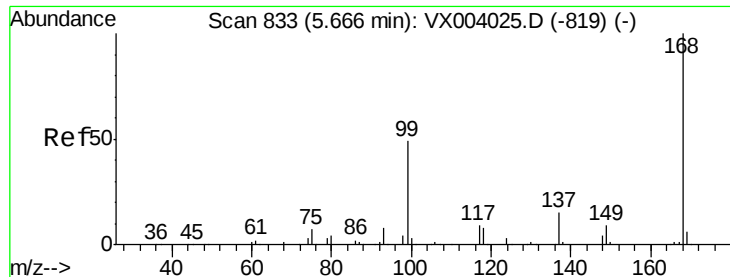
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004097.D

Acq: 16 Aug 2018 03:07

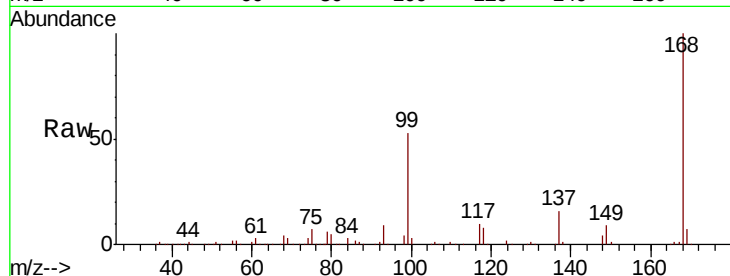
Instrument :
MSVOA_X
ClientSampled :
Z5TB02-180814

Tot Ion:168 Resp: 252319

Ion Ratio Lower Upper

168 100

99 53.0 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

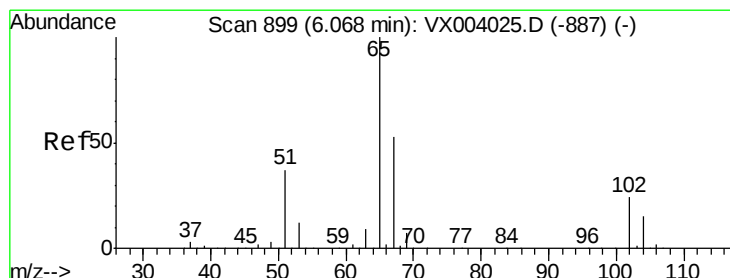
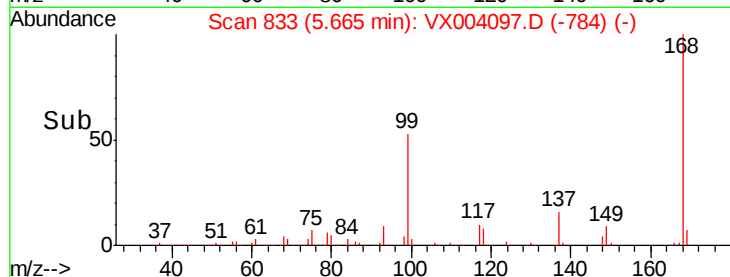
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.90 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX004097.D

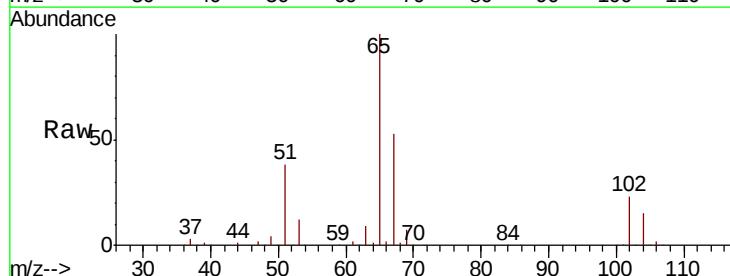
Acq: 16 Aug 2018 03:07

Tgt Ion: 65 Resp: 191618

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

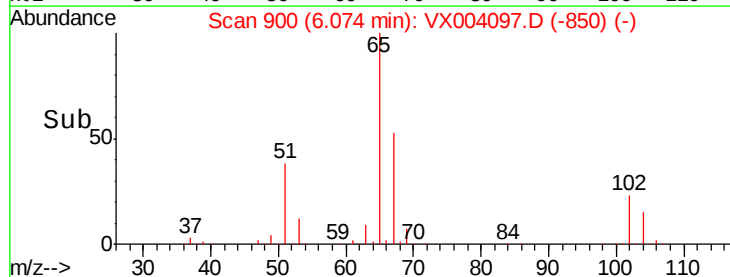
60000

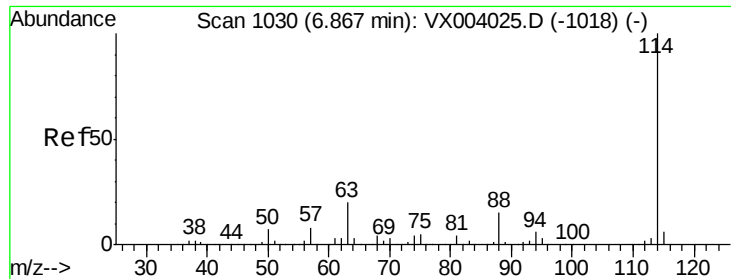
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

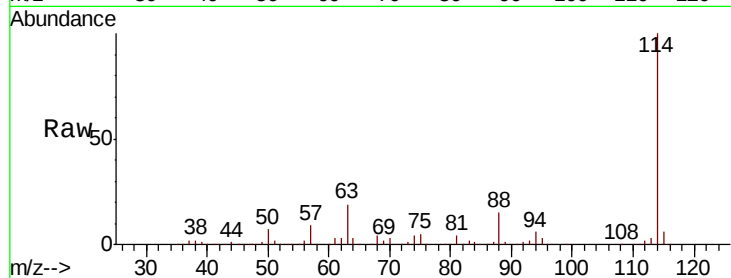




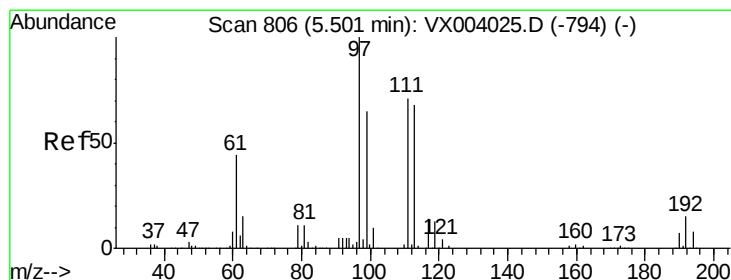
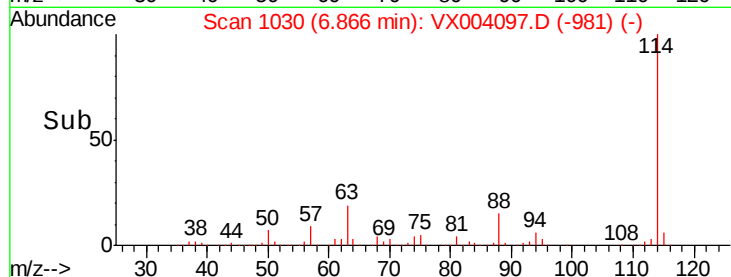
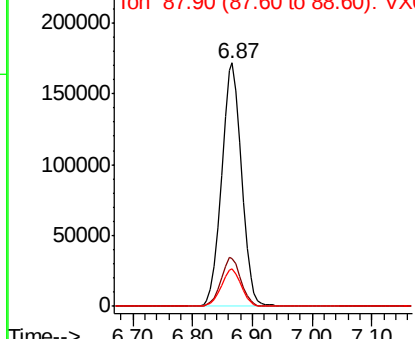
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004097.D
 Acq: 16 Aug 2018 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB02-180814

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.2	0.0	32.0

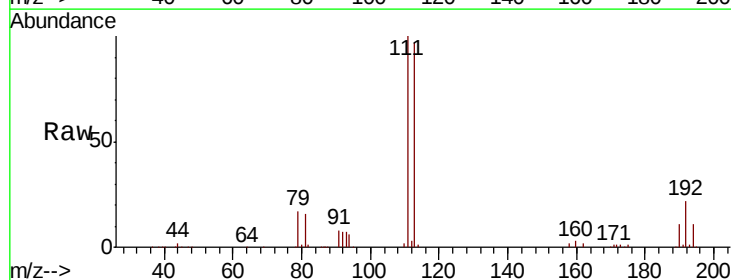


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

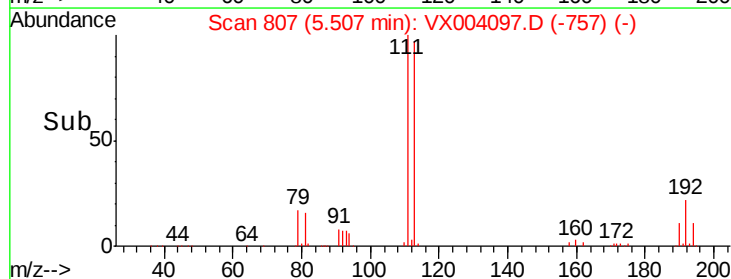
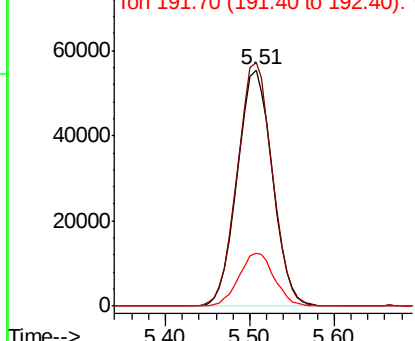


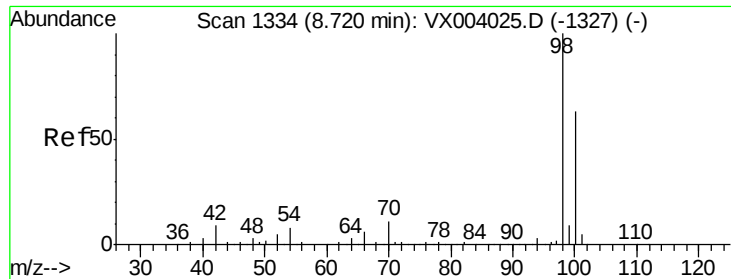
#35
 Dibromofluoromethane
 Concen: 52.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004097.D
 Acq: 16 Aug 2018 03:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	22.7	19.0	28.4



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





#50

Toluene-d8

Concen: 46.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004097.D

Acq: 16 Aug 2018 03:07

Instrument :

MSVOA_X

ClientSampleId :

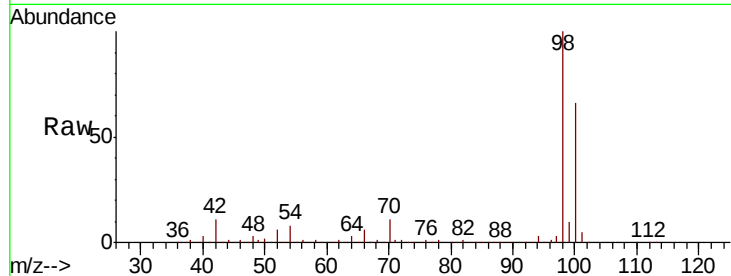
Z5TB02-180814

Tot Ion: 98 Resp: 569346

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

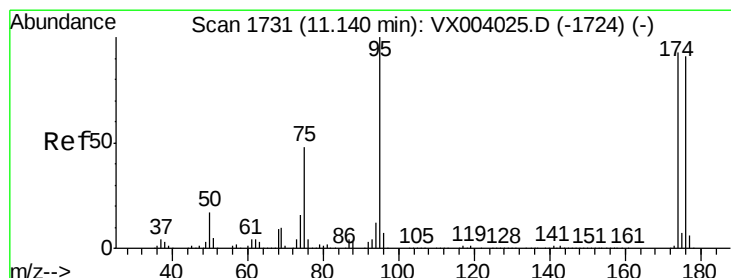
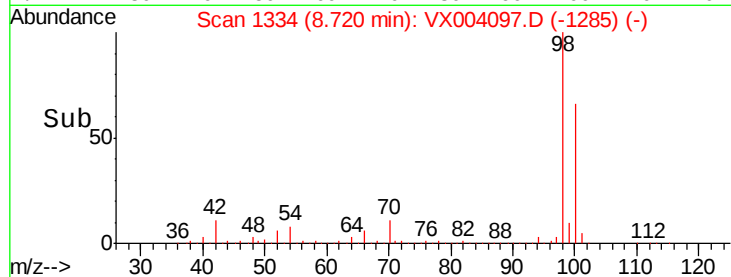
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004097.D

Acq: 16 Aug 2018 03:07

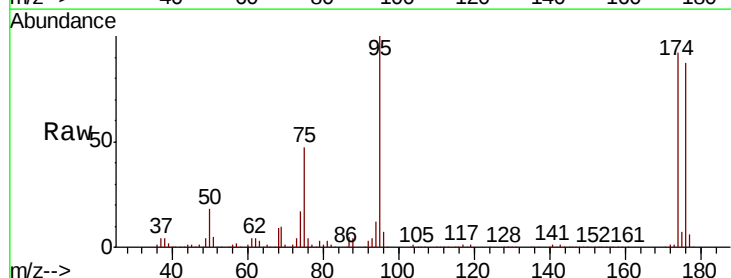
Tgt Ion: 95 Resp: 193049

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.8

176 87.5 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

11.14

200000

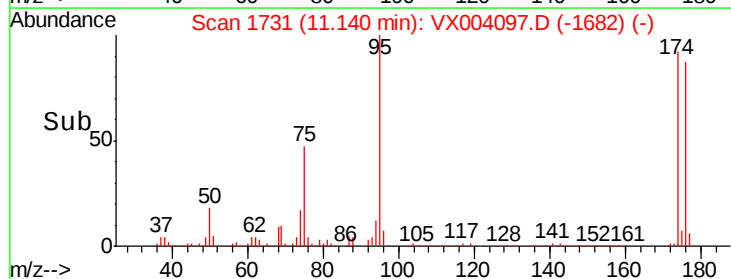
150000

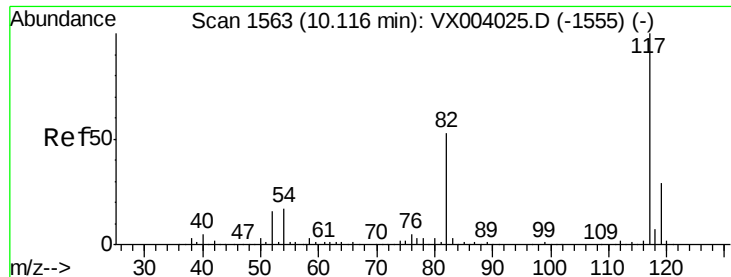
100000

50000

0

Time-->

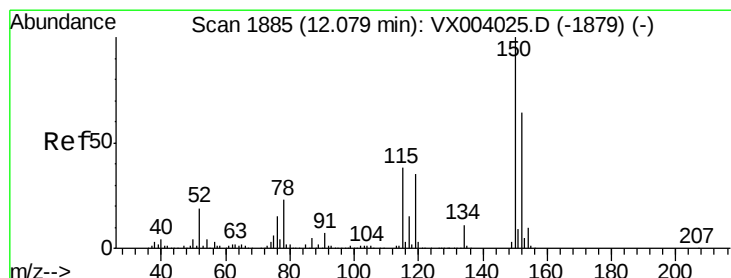
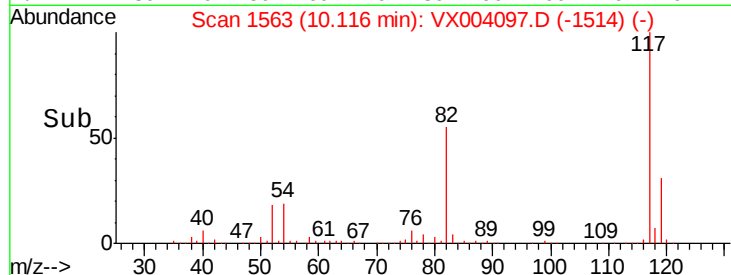
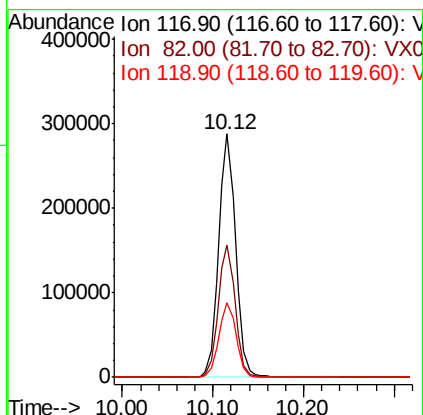
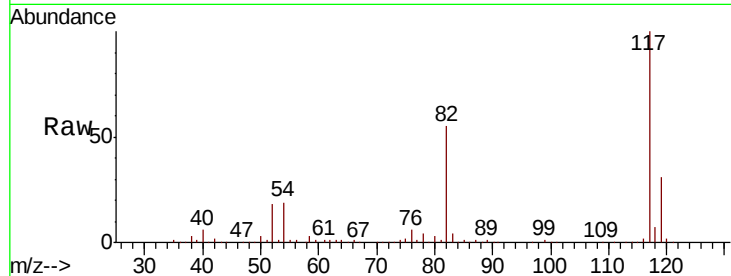




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004097.D
Acq: 16 Aug 2018 03:07

Instrument :
MSVOA_X
ClientSampleId :
Z5TB02-180814

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.0
119	30.7	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004097.D
Acq: 16 Aug 2018 03:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.1	117.3
150	156.8	0.0	349.2

