

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002101.D
 Acq On : 29 May 2018 18:53
 Operator : JC/MD
 Sample : J3118-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0461-180521

Quant Time: May 30 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	254637	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.51	113	193112	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.72	98	741017	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	256640	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	

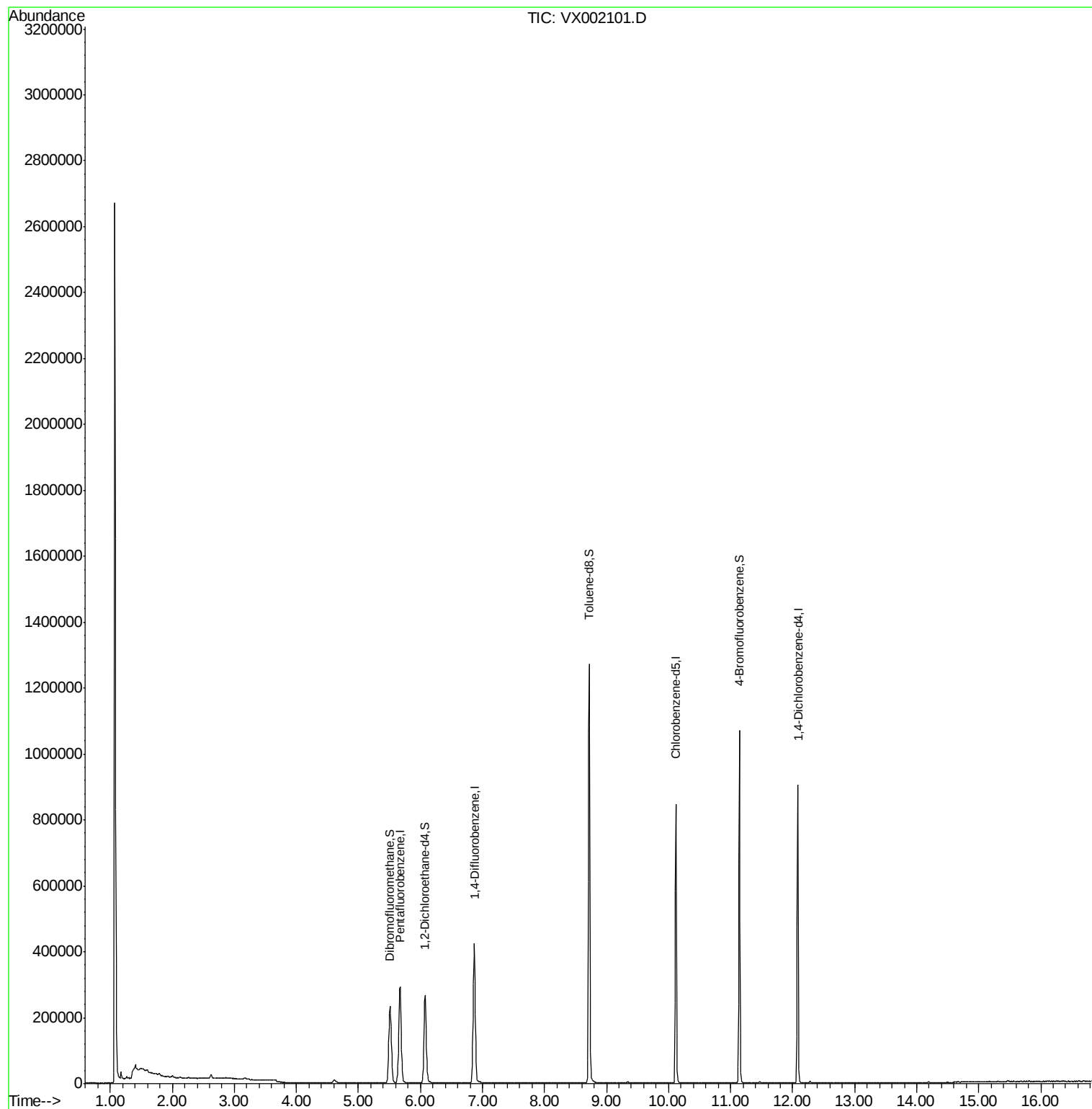
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002101.D

Acq: 29 May 2018 18:53

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MSVOA_X

ClientSampleId :

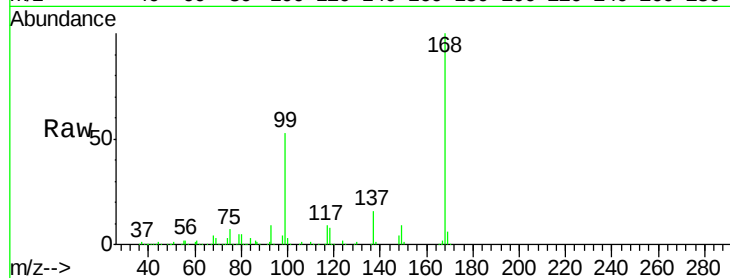
DUP-0461-180521

Tot Ion:168 Resp: 292372

Ion Ratio Lower Upper

168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

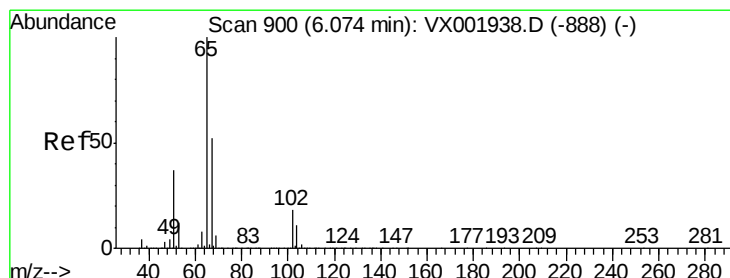
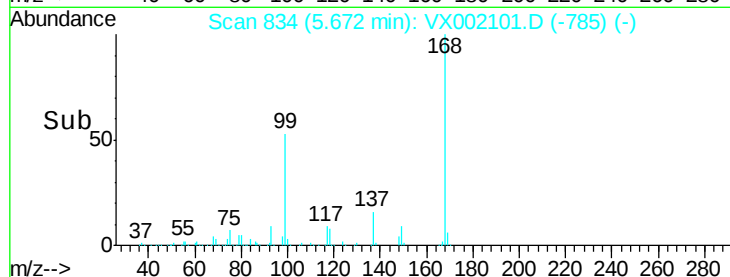
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 48.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002101.D

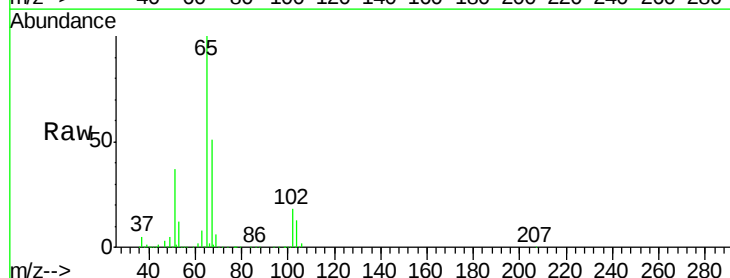
Acq: 29 May 2018 18:53

Tgt Ion: 65 Resp: 254637

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

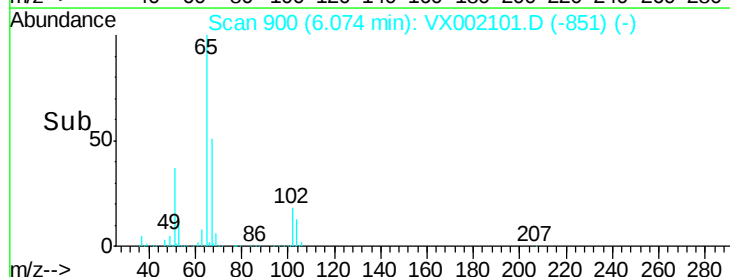
60000

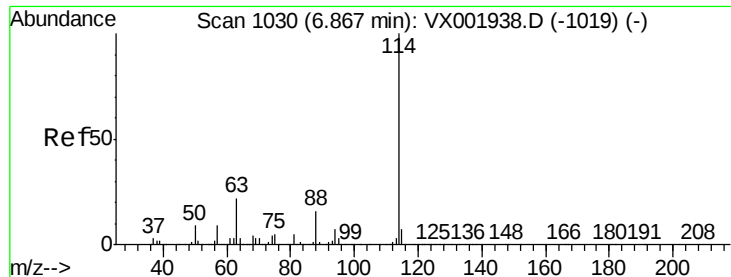
40000

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: VX002101.D

Acq: 29 May 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

DUP-0461-180521

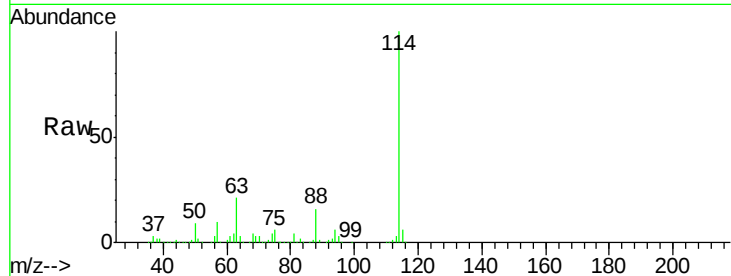
Tot Ion:114 Resp: 408018

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

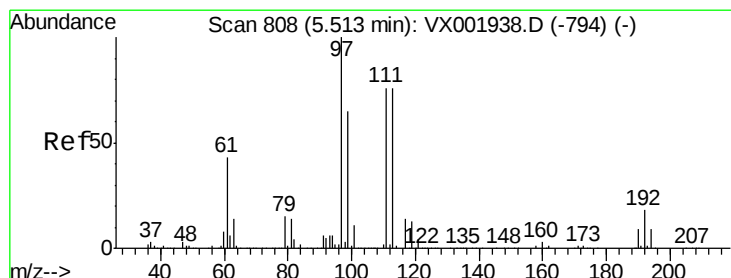
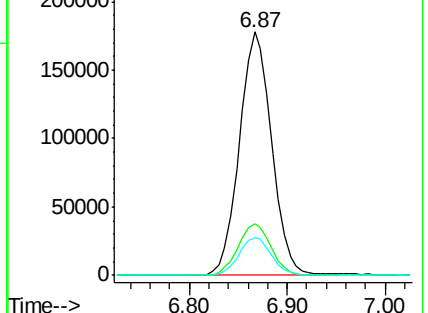
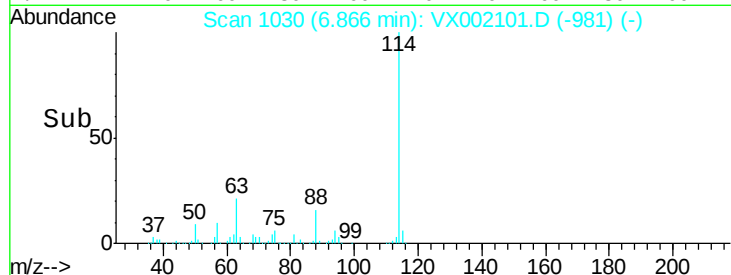
88 15.6 0.0 31.6



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: 47.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002101.D

Acq: 29 May 2018 18:53

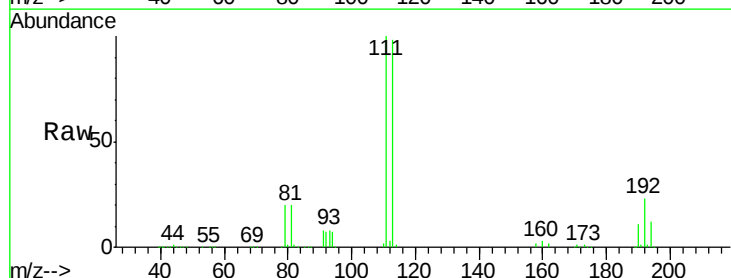
Tgt Ion:113 Resp: 193112

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

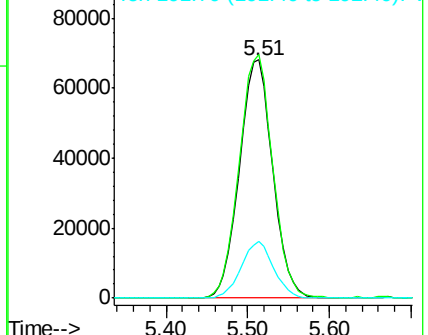
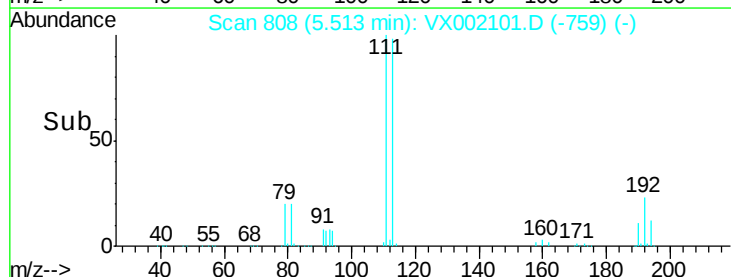
192 23.2 18.9 28.3

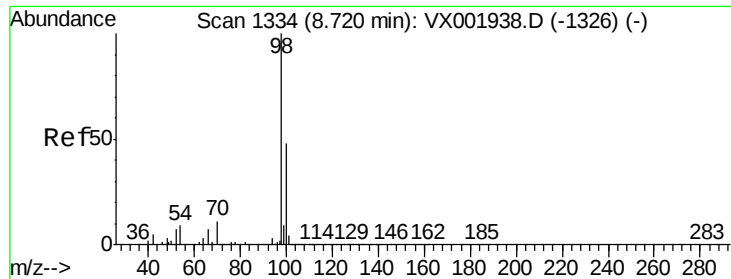


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002101.D

Acq: 29 May 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

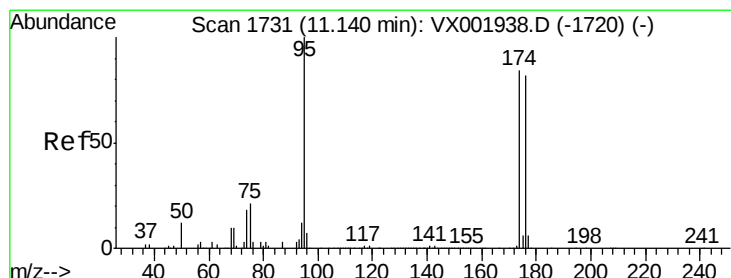
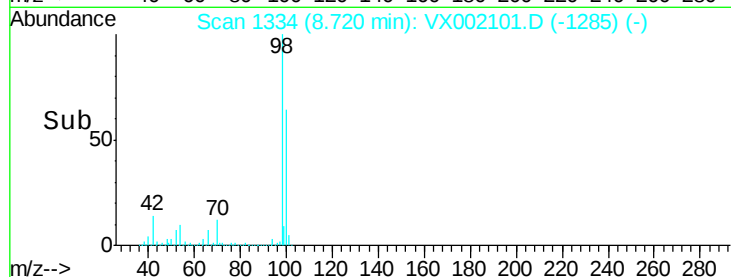
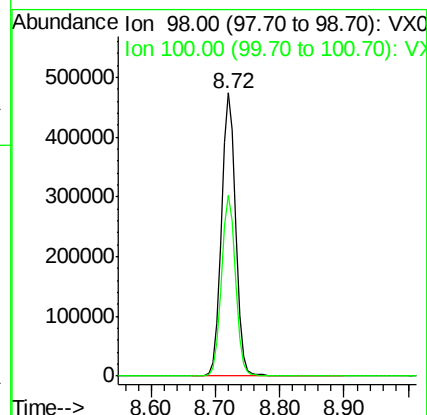
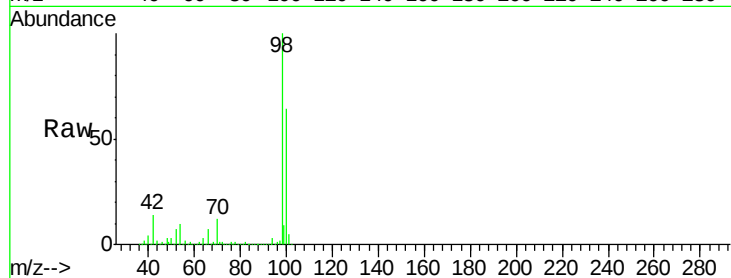
DUP-0461-180521

Tot Ion: 98 Resp: 741017

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002101.D

Acq: 29 May 2018 18:53

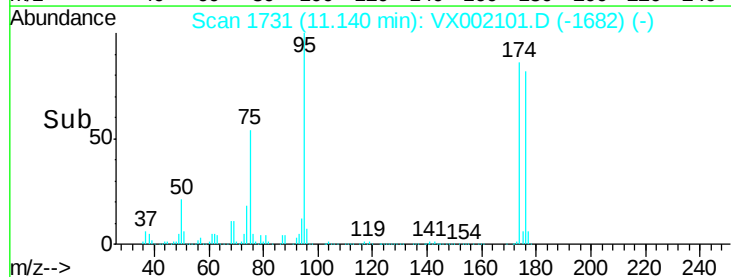
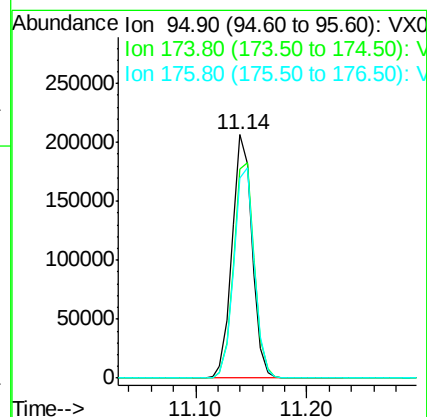
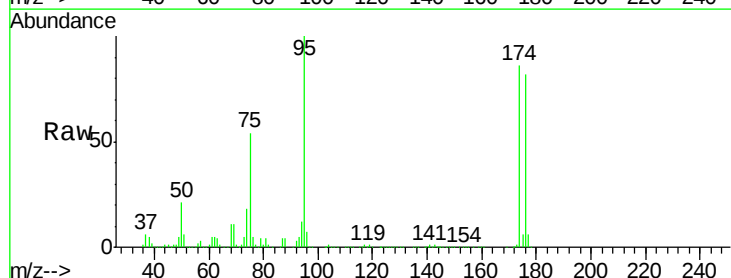
Tgt Ion: 95 Resp: 256640

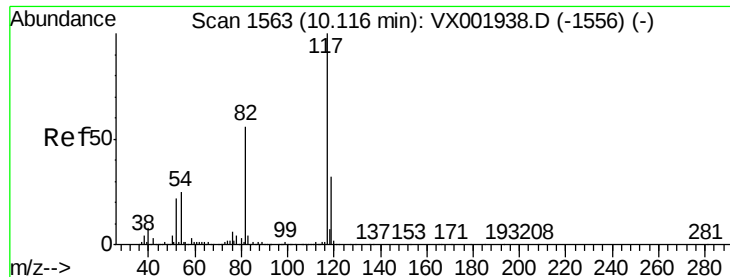
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.8

176 88.4 0.0 175.6

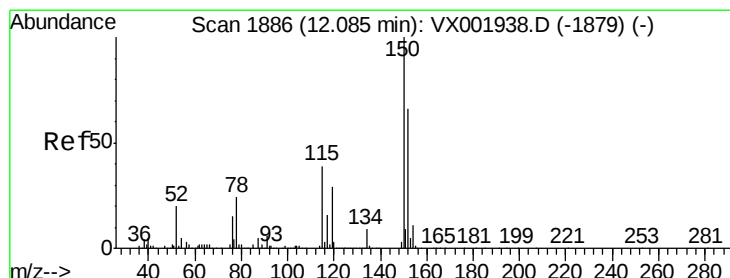
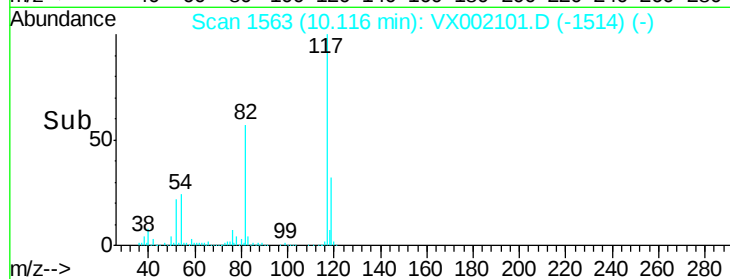
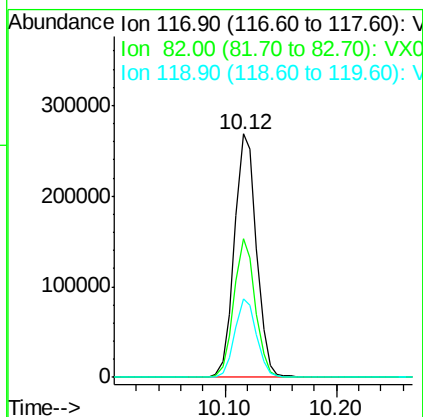
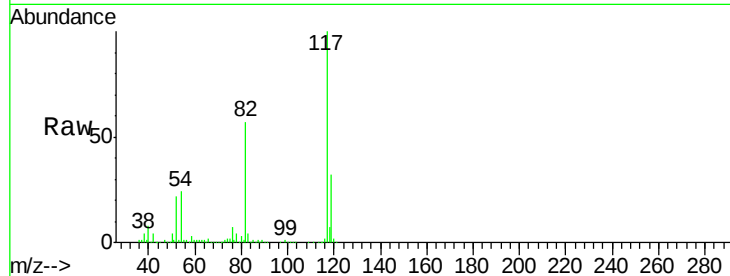




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002101.D
Acq: 29 May 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-0461-180521

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.8	67.2
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002101.D
Acq: 29 May 2018 18:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	42.3	126.8
150	155.8	0.0	351.0

