

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018016.D
 Acq On : 20 Aug 2020 04:37
 Operator : JC/SP
 Sample : L3738-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-DUP-20200818

Quant Time: Aug 20 06:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	498993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	797002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	749321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	376633	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	348223	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	5.47	113	275106	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	8.70	98	955405	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	11.12	95	349876	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	

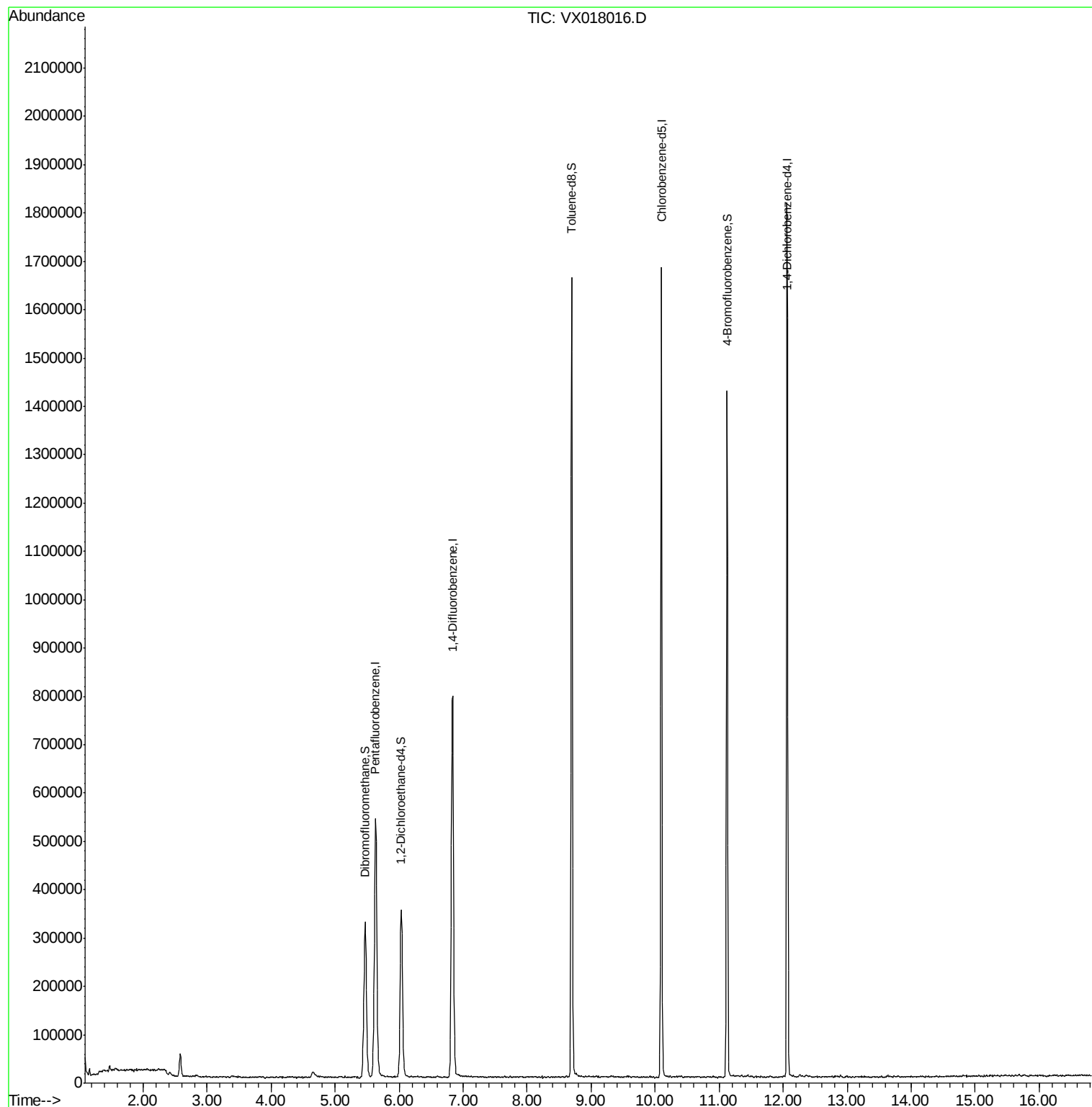
Target Compounds	Qvalue
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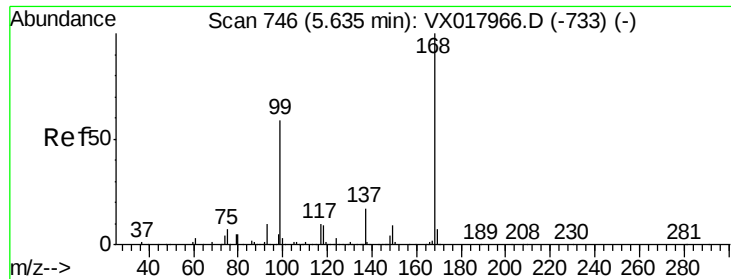
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018016.D

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Instrument :

MSVOA_X

ClientSampleId :

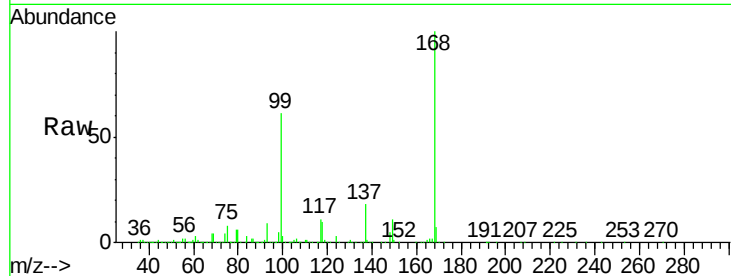
BP-VPB181-DUP-20200818

Tot Ion:168 Resp: 498993

Ion Ratio Lower Upper

168 100

99 61.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

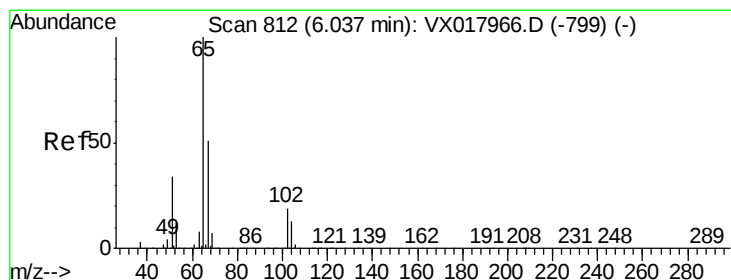
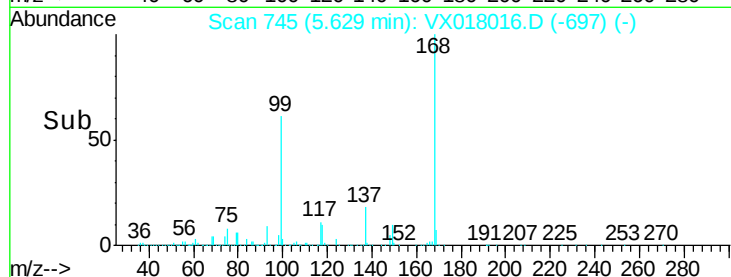
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.605 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018016.D

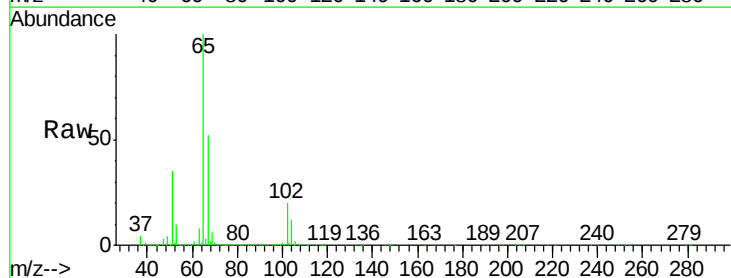
Acq: 20 Aug 2020 04:37

Tgt Ion: 65 Resp: 348223

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

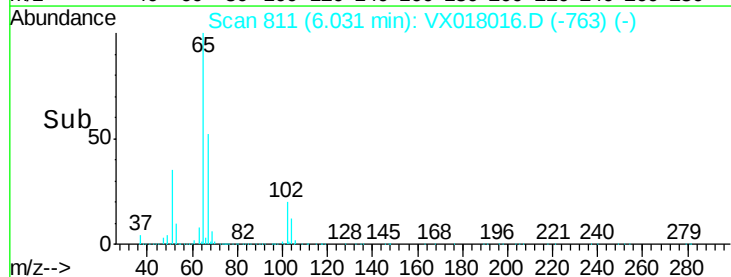
100000

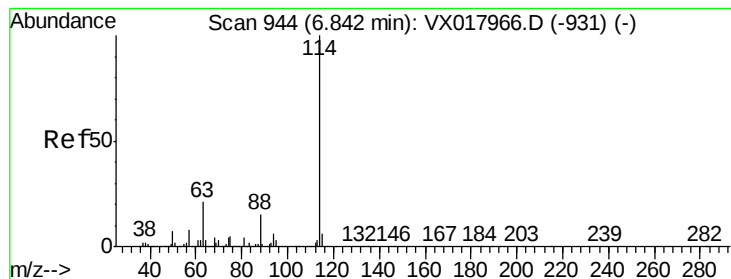
50000

0

5.90 6.00 6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX018016.D

Acq: 20 Aug 2020 04:37

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-DUP-20200818

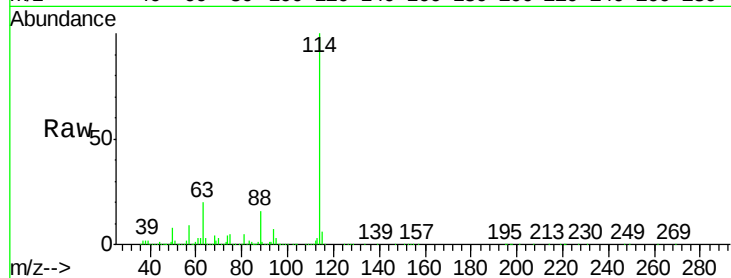
Tot Ion:114 Resp: 797002

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

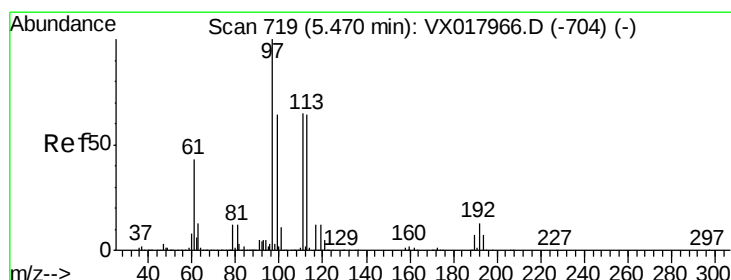
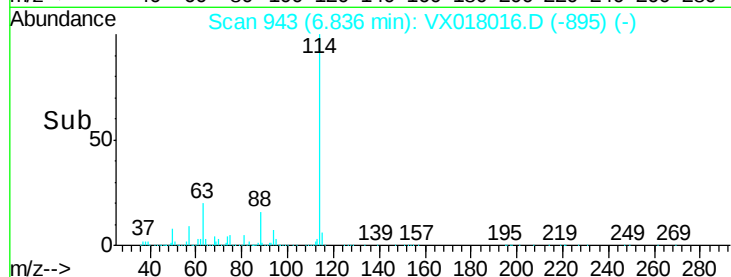
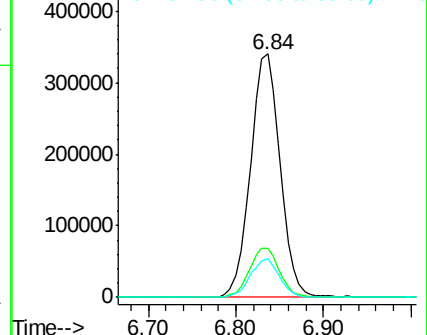
88 15.7 0.0 30.2



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: 46.352 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018016.D

Acq: 20 Aug 2020 04:37

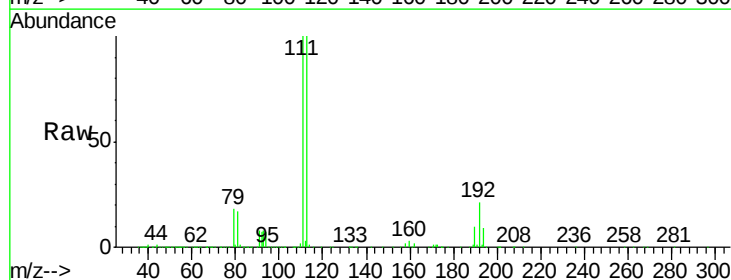
Tgt Ion:113 Resp: 275106

Ion Ratio Lower Upper

113 100

111 104.5 83.5 125.3

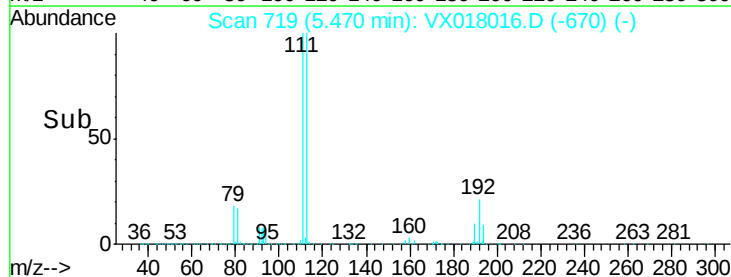
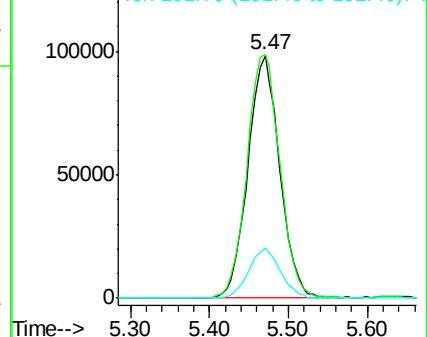
192 20.5 16.2 24.4

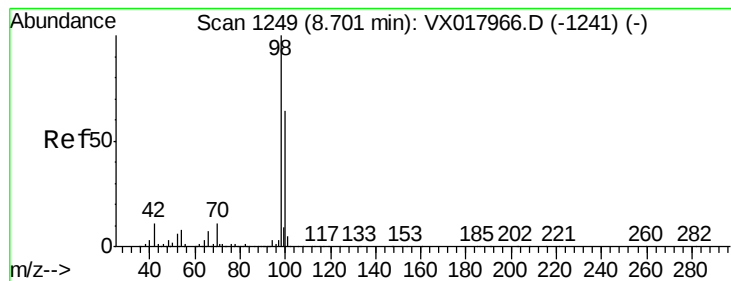


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.540 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018016.D

Acq: 20 Aug 2020 04:37

Instrument :

MSVOA_X

ClientSampleId :

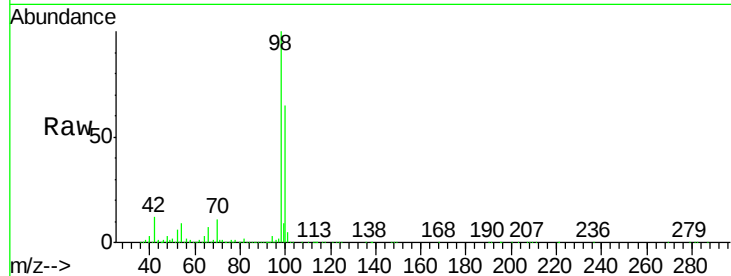
BP-VPB181-DUP-20200818

Tot Ion: 98 Resp: 955405

Ion Ratio Lower Upper

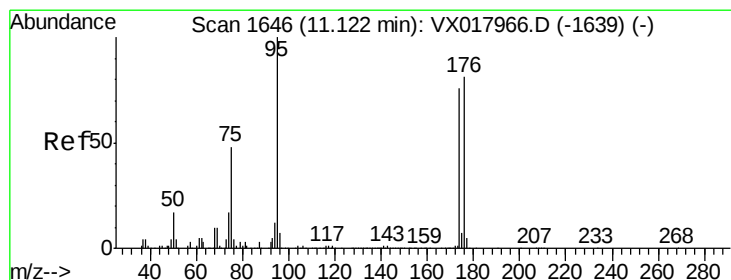
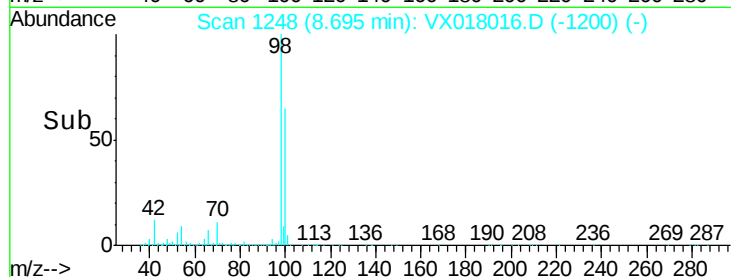
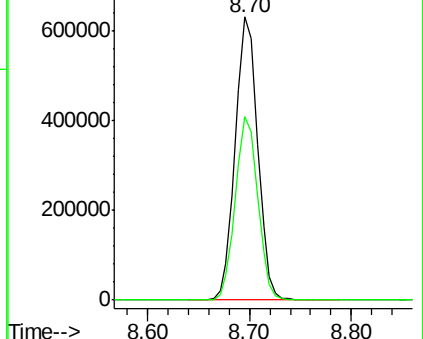
98 100

100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.154 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018016.D

Acq: 20 Aug 2020 04:37

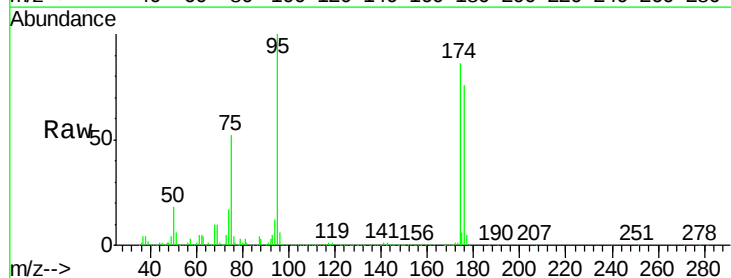
Tgt Ion: 95 Resp: 349876

Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.0

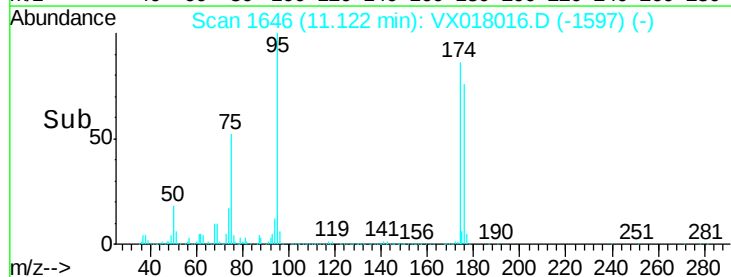
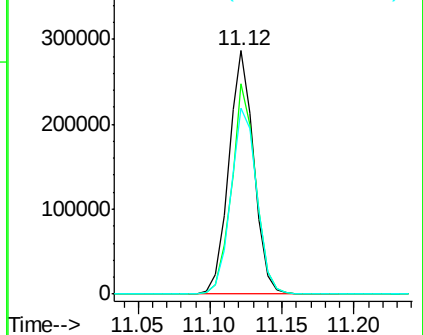
176 79.1 0.0 161.0

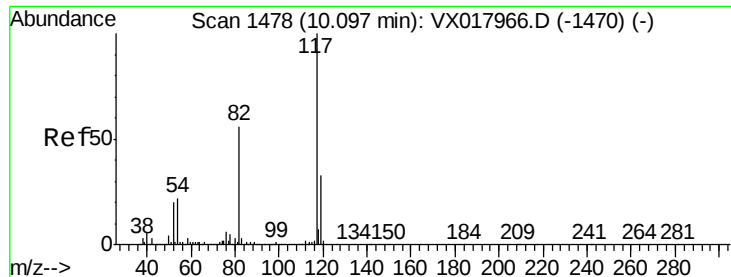


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

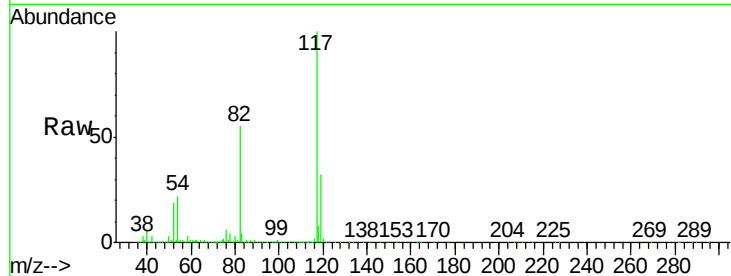




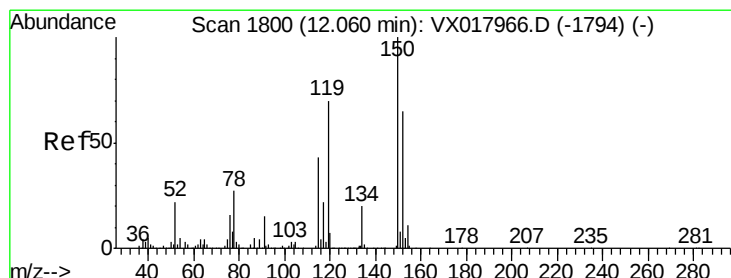
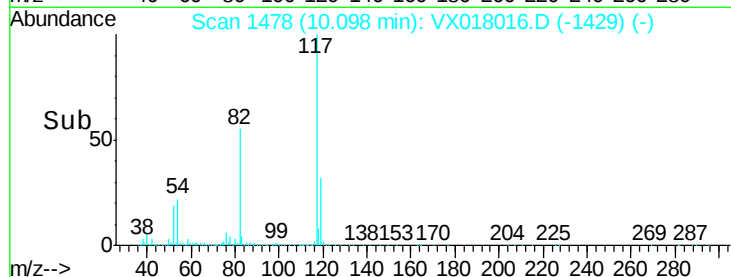
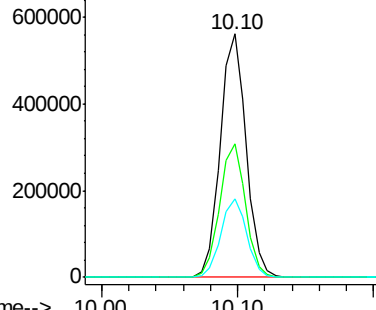
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018016.D
Acq: 20 Aug 2020 04:37

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-DUP-20200818

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	32.3	26.2	39.4

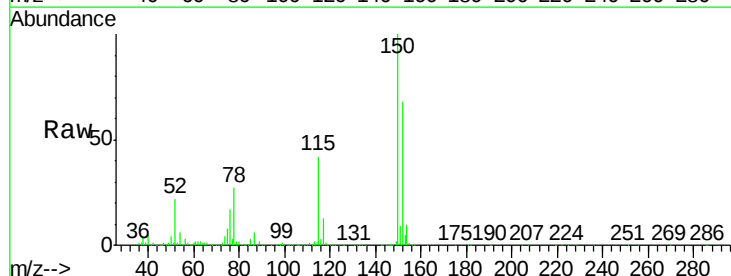


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018016.D
Acq: 20 Aug 2020 04:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	40.6	121.7
150	151.2	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

