

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017972.D
 Acq On : 19 Aug 2020 10:15
 Operator : JC/SP
 Sample : VX0819WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBL01

Quant Time: Aug 19 13:26:58 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	506650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	689190	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	689096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	276202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	314607	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	5.46	113	240711	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	8.70	98	814264	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
62) 4-Bromofluorobenzene	11.12	95	289054	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	

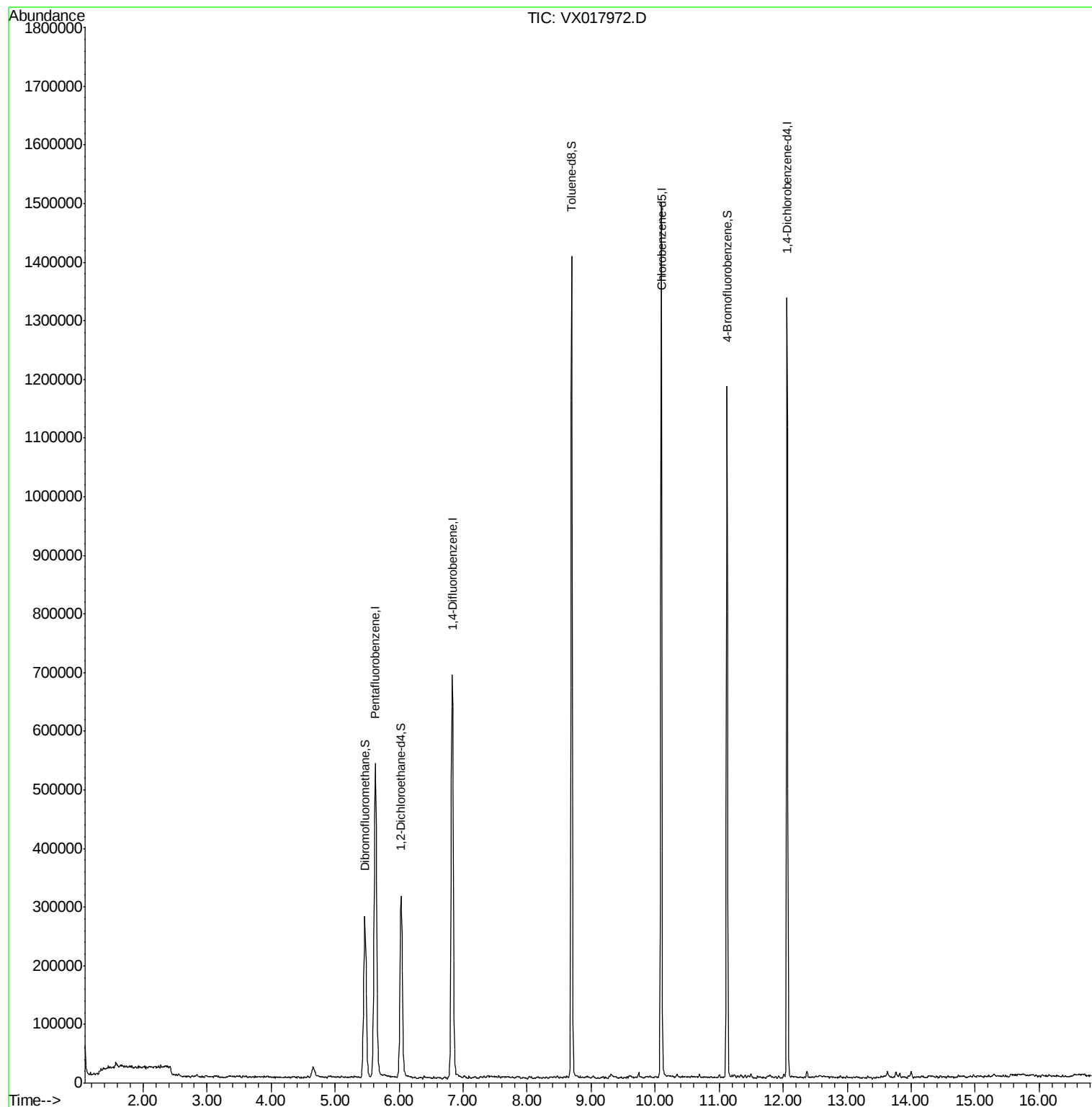
Target Compounds	Qvalue

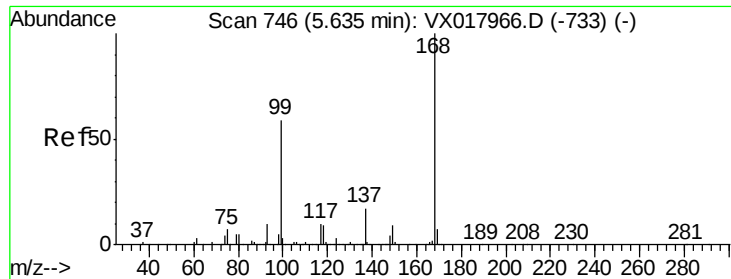
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017972.D

Acq: 19 Aug 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

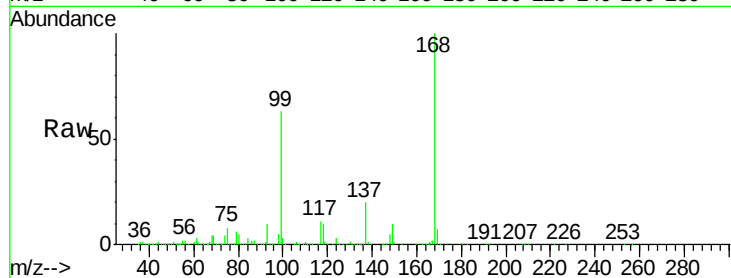
VX0819WBL01

Tot Ion:168 Resp: 506650

Ion Ratio Lower Upper

168 100

99 63.0 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

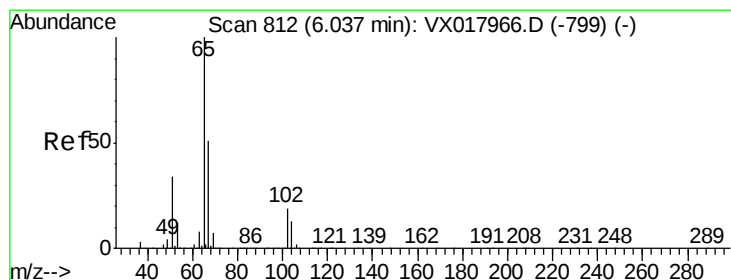
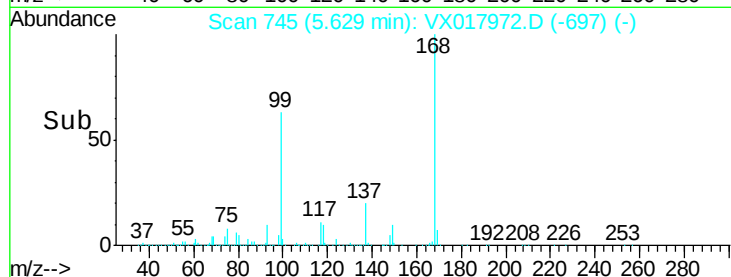
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.359 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017972.D

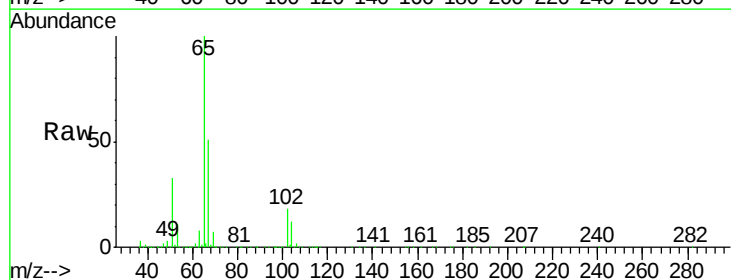
Acq: 19 Aug 2020 10:15

Tgt Ion: 65 Resp: 314607

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

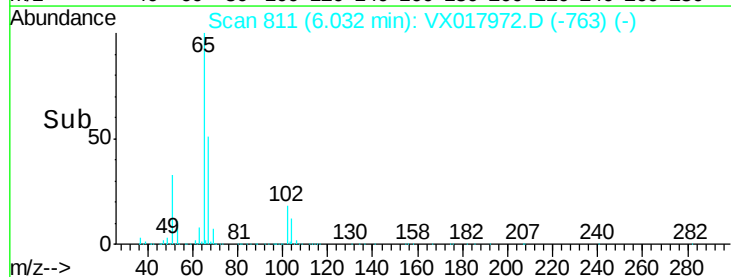
100000

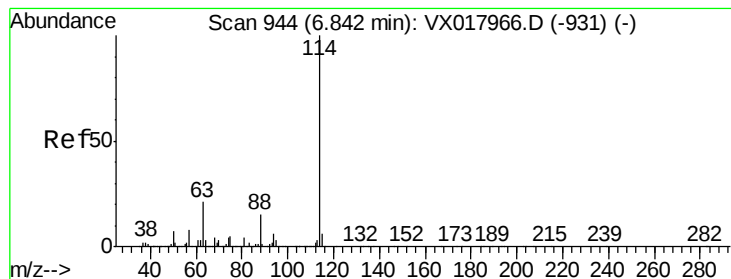
50000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX017972.D

Acq: 19 Aug 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

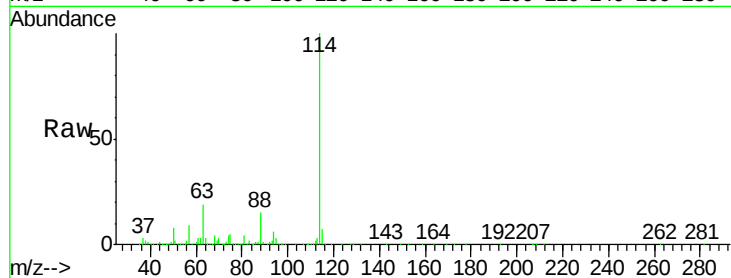
Tot Ion:114 Resp: 689190

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

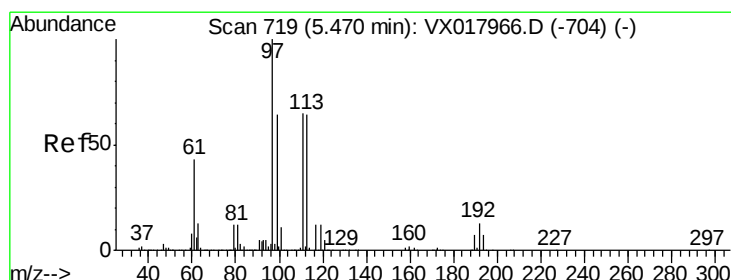
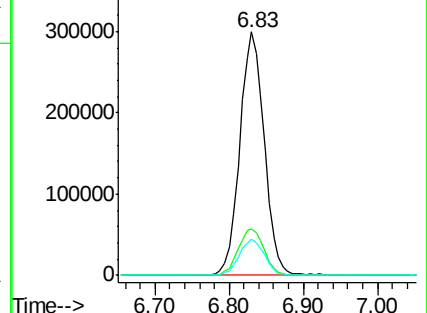
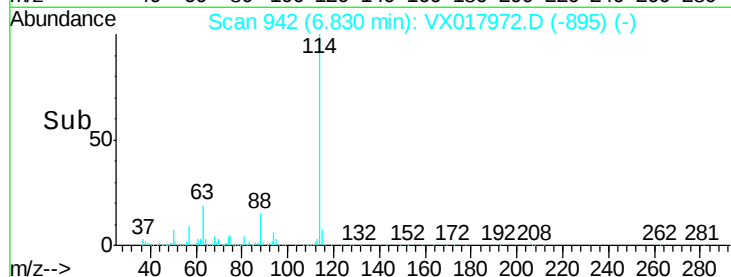
88 15.1 0.0 30.2



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: 46.901 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017972.D

Acq: 19 Aug 2020 10:15

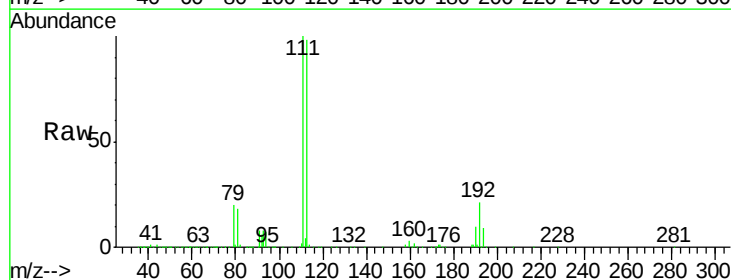
Tgt Ion:113 Resp: 240711

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

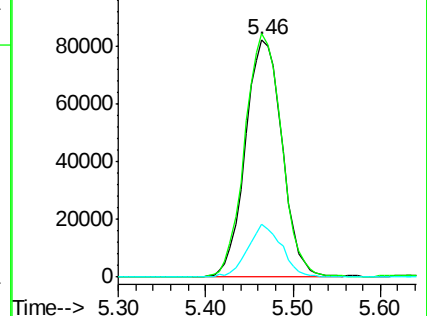
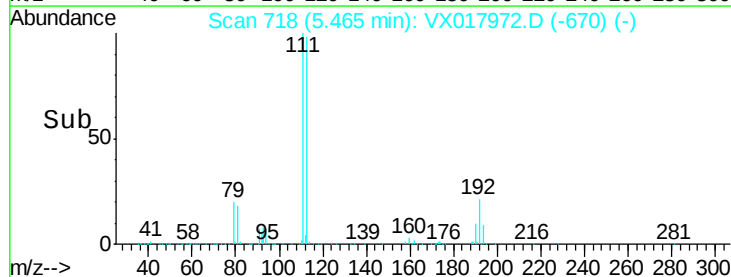
192 20.4 16.2 24.4

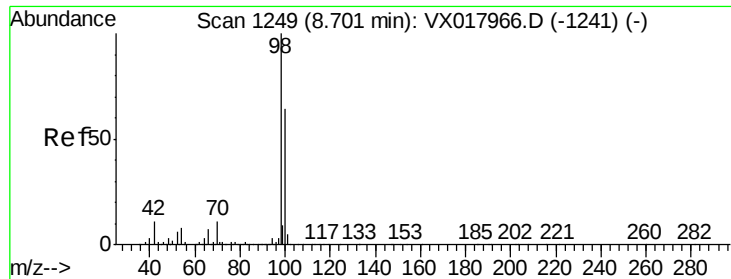


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.884 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017972.D

Acq: 19 Aug 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

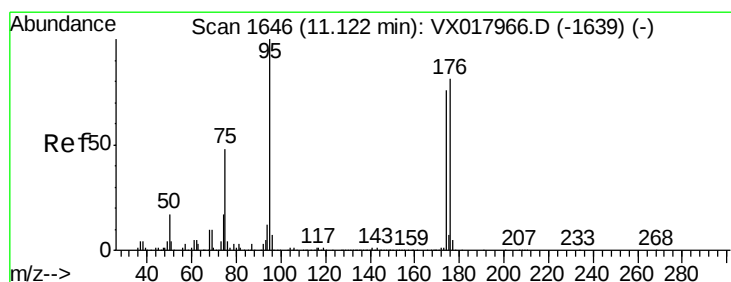
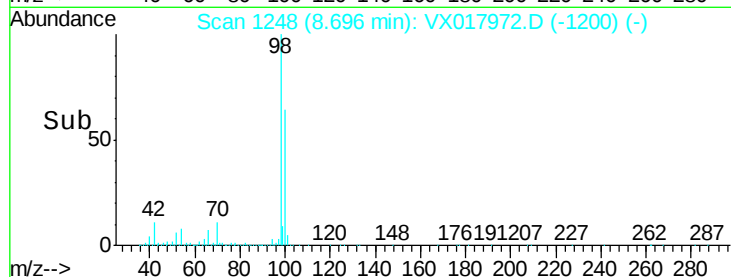
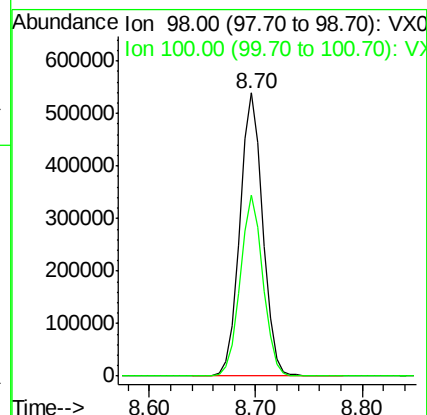
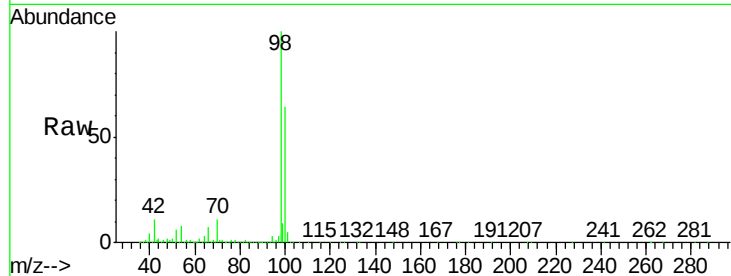
VX0819WBL01

Tot Ion: 98 Resp: 814264

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 43.140 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017972.D

Acq: 19 Aug 2020 10:15

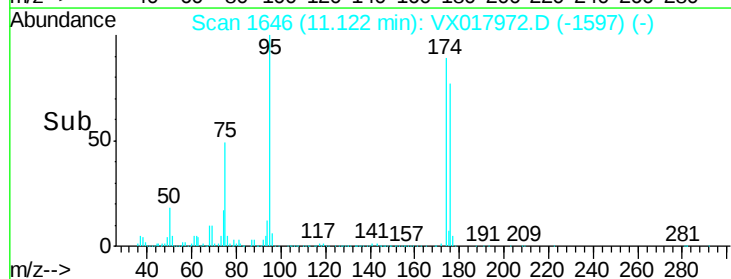
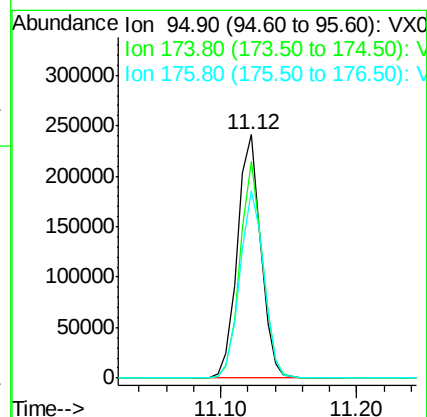
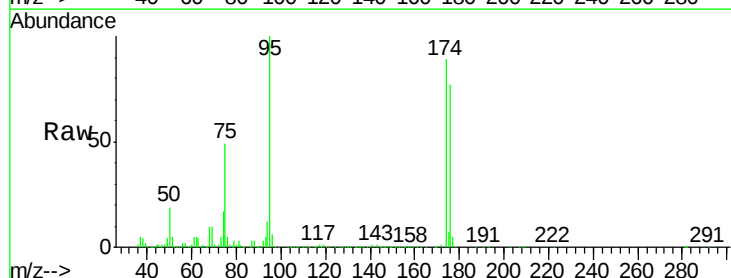
Tgt Ion: 95 Resp: 289054

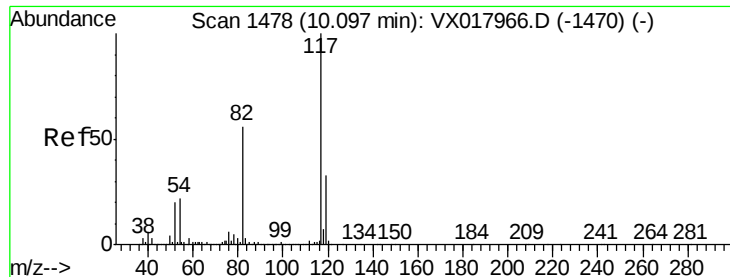
Ion Ratio Lower Upper

95 100

174 86.0 0.0 166.0

176 78.7 0.0 161.0

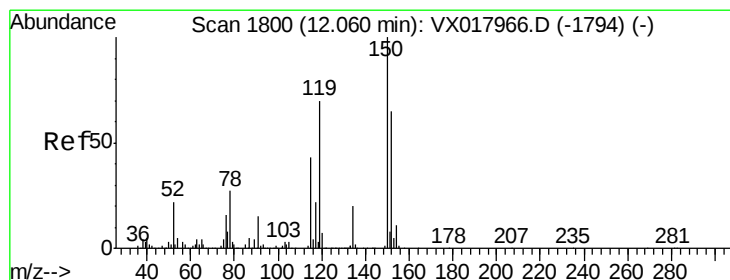
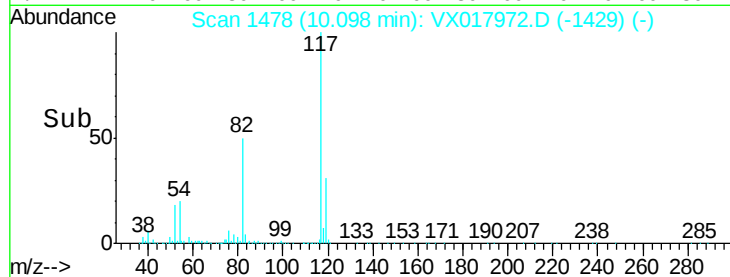
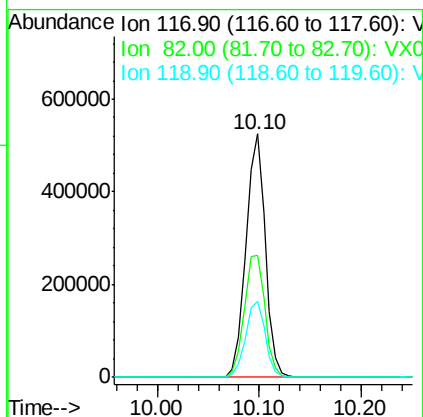
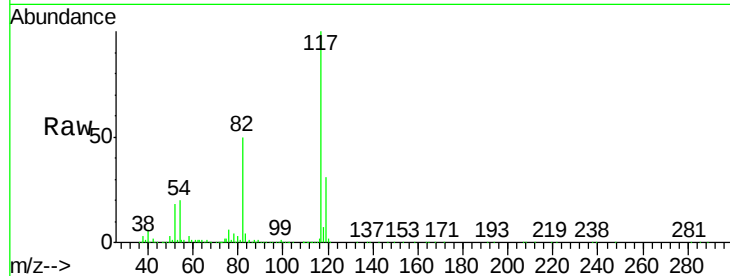




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017972.D
Acq: 19 Aug 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	44.6	66.8
119	31.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017972.D
Acq: 19 Aug 2020 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	40.6	121.7
150	152.8	0.0	346.4

