

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017636.D
 Acq On : 27 Jul 2020 22:43
 Operator : JC/SP
 Sample : L3421-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD

Quant Time: Jul 28 02:22:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	443590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	741273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	776661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	486165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	309701	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
35) Dibromofluoromethane	5.46	113	254068	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	8.70	98	896184	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.12	95	431375	60.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.54%	

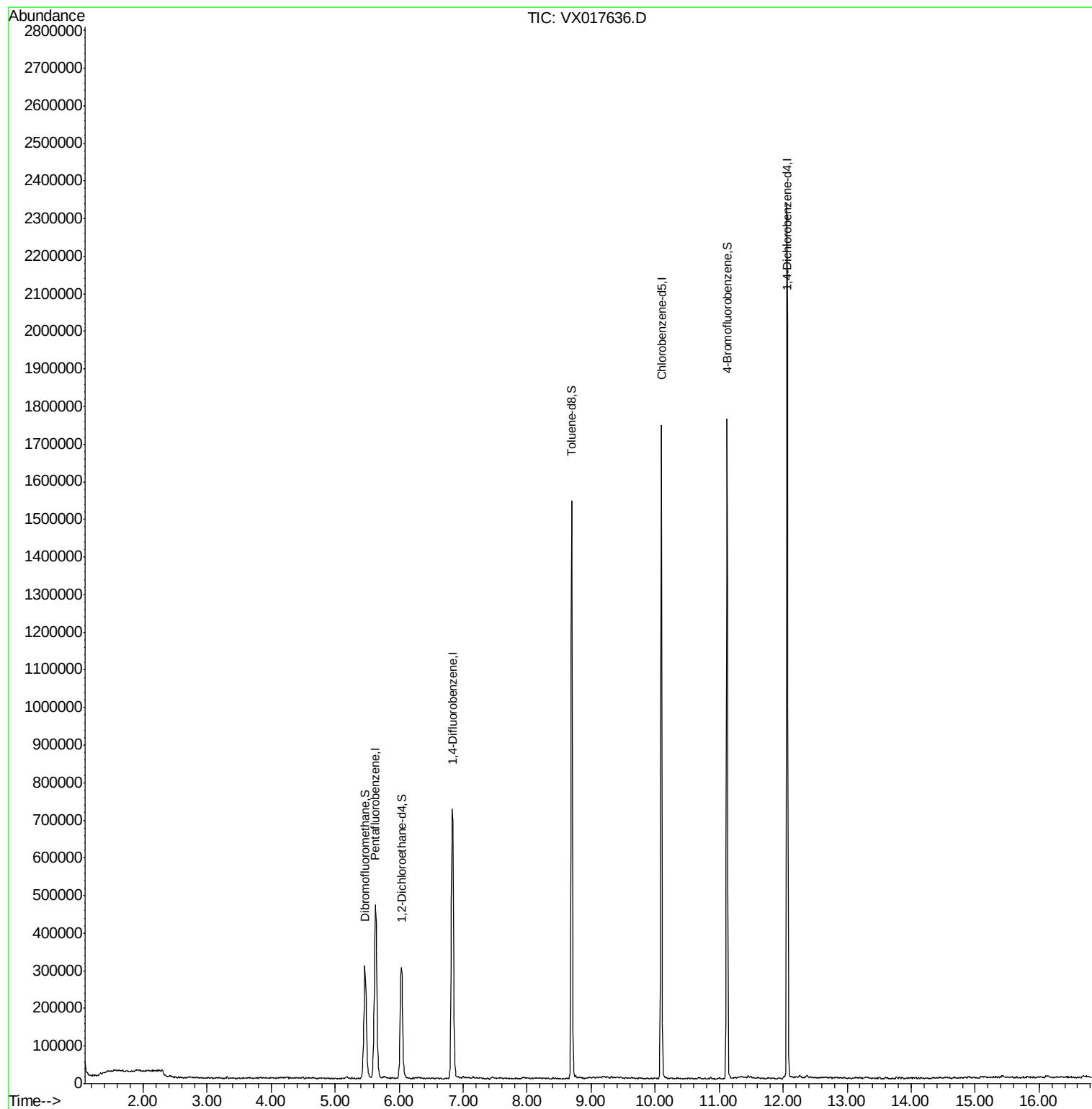
Target Compounds	Qvalue

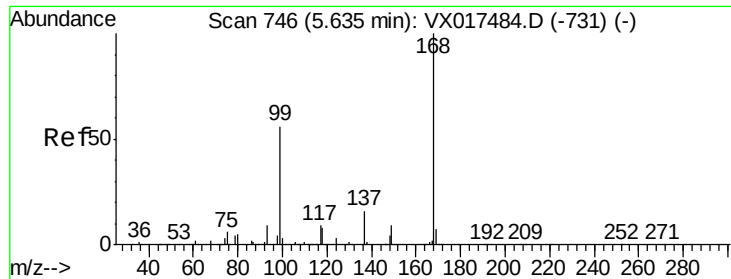
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017636.D

Acq: 27 Jul 2020 22:43

Instrument :

MSVOA_X

ClientSampleId :

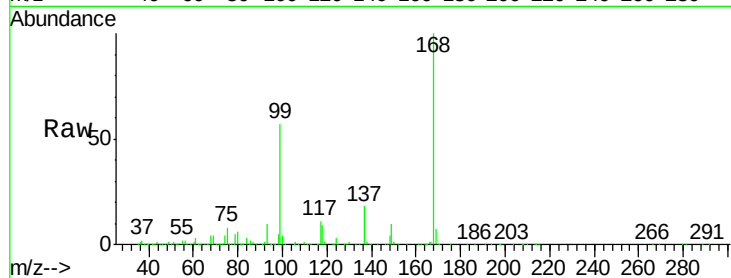
SY-3DD

Tot Ion:168 Resp: 443590

Ion Ratio Lower Upper

168 100

99 57.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

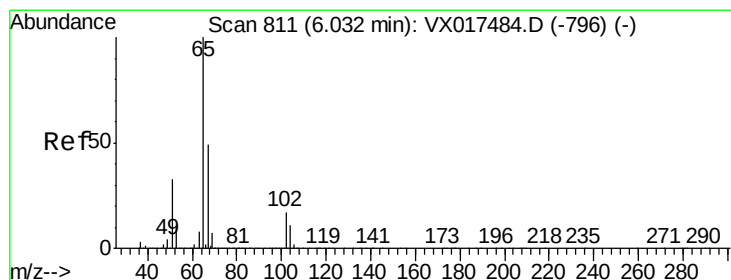
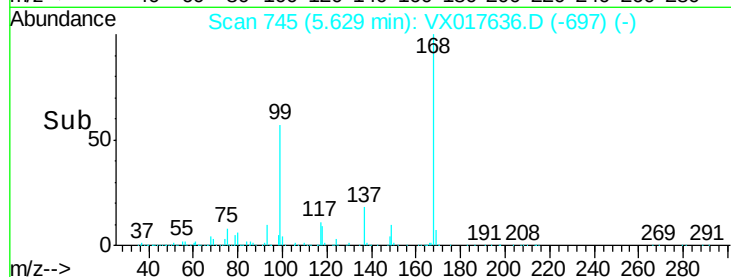
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.352 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017636.D

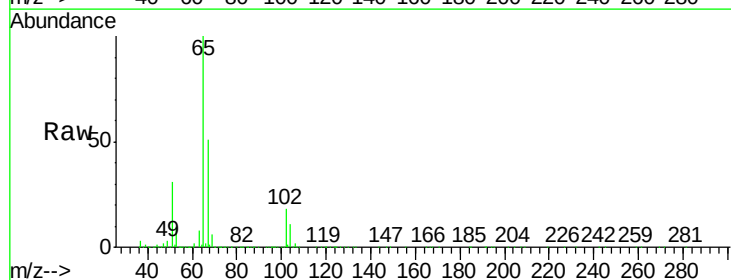
Acq: 27 Jul 2020 22:43

Tgt Ion: 65 Resp: 309701

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

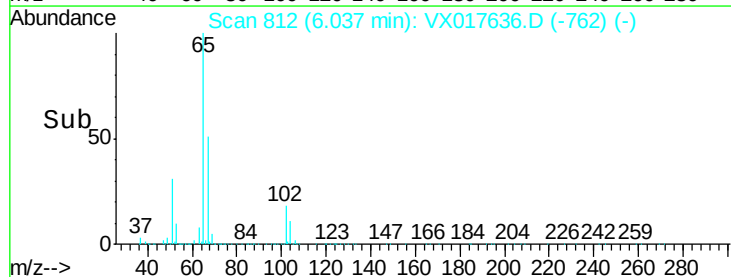
6.04

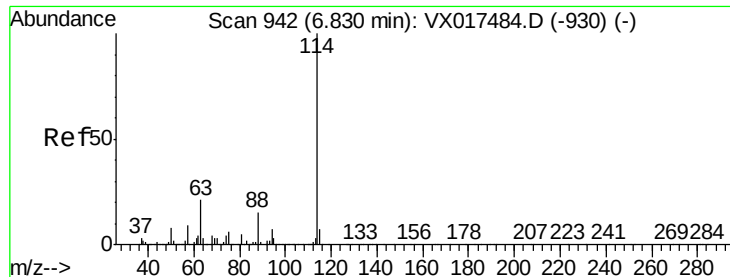
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017636.D

Acq: 27 Jul 2020 22:43

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD

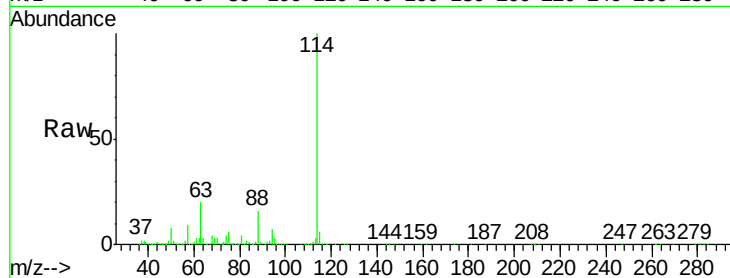
Tot Ion:114 Resp: 741273

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

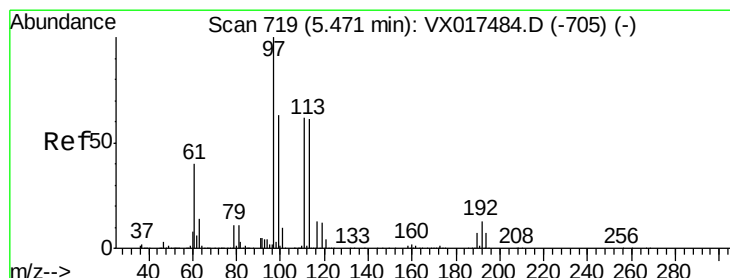
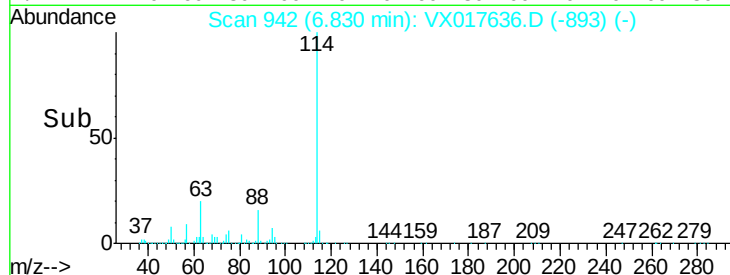
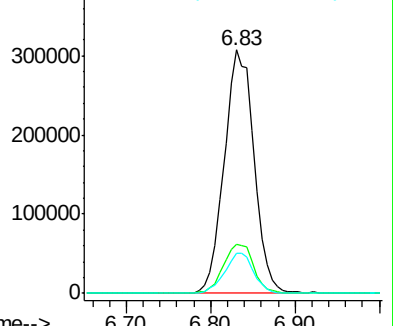
88 16.2 0.0 33.4



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: 51.247 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017636.D

Acq: 27 Jul 2020 22:43

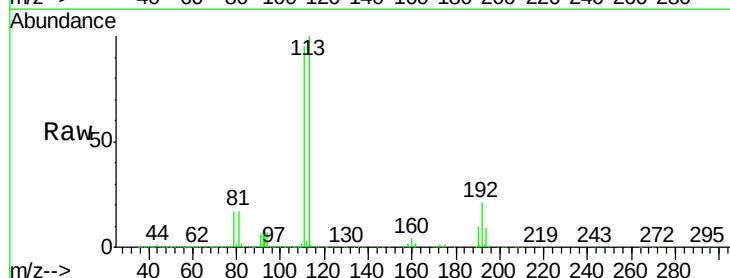
Tgt Ion:113 Resp: 254068

Ion Ratio Lower Upper

113 100

111 101.0 80.7 121.1

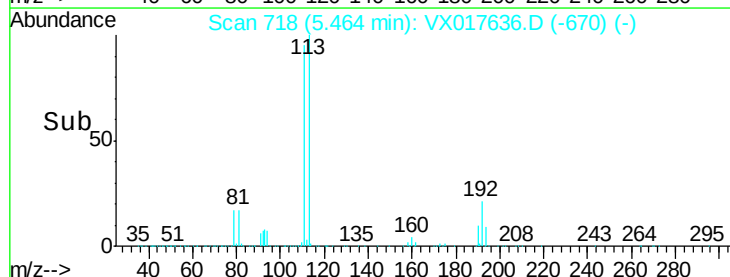
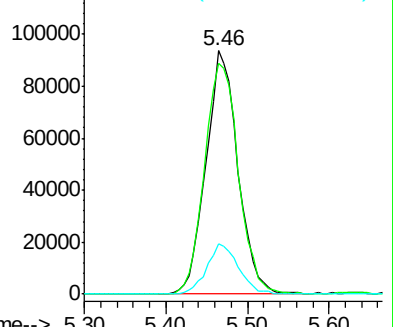
192 20.4 16.9 25.3

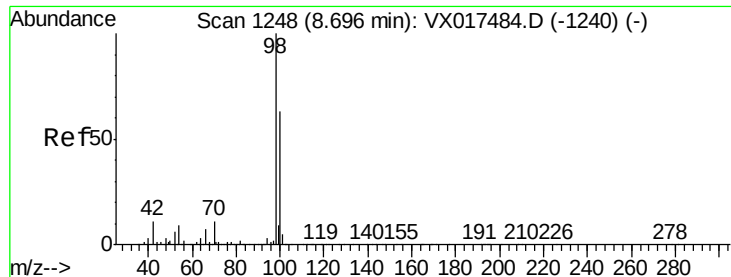


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.109 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017636.D

Acq: 27 Jul 2020 22:43

Instrument :

MSVOA_X

ClientSampleId :

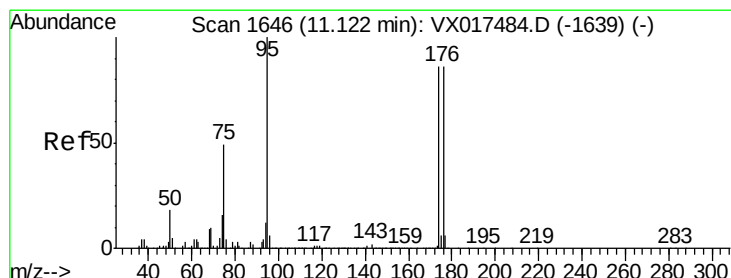
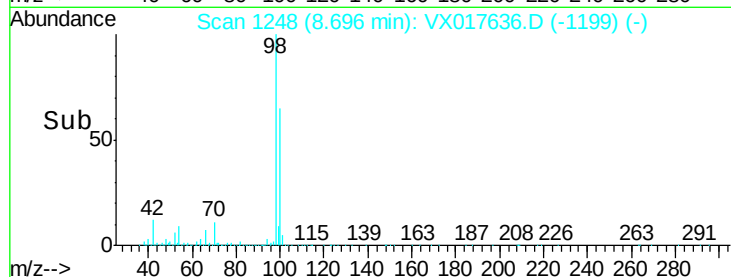
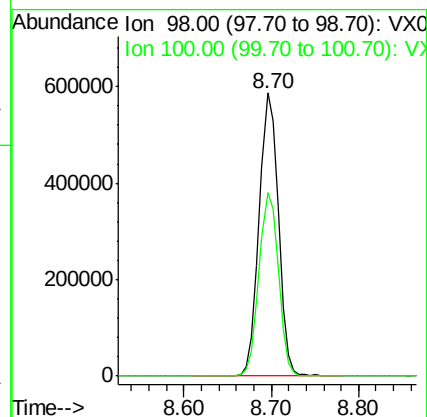
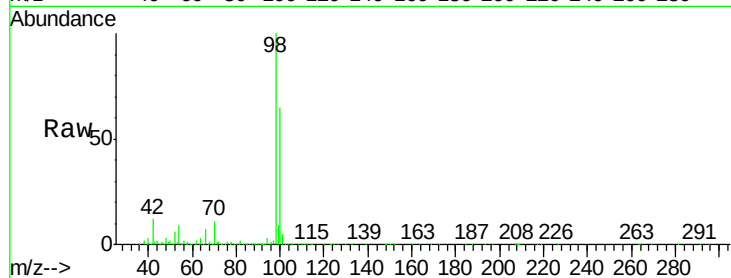
SY-3DD

Tot Ion: 98 Resp: 896184

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 60.269 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017636.D

Acq: 27 Jul 2020 22:43

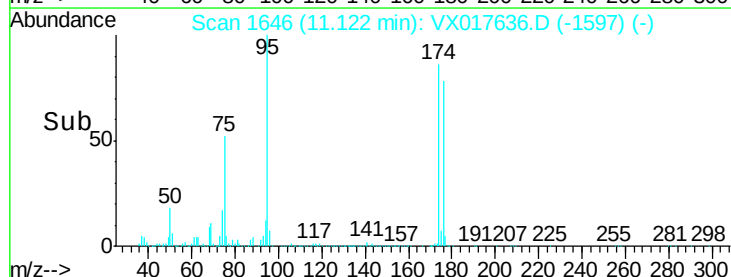
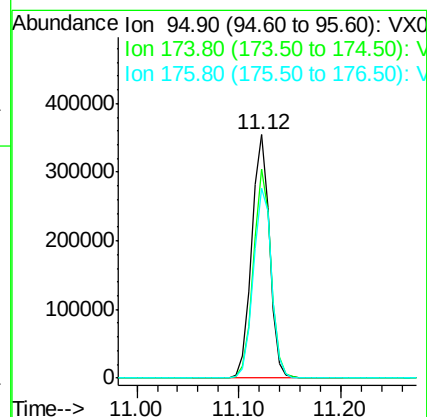
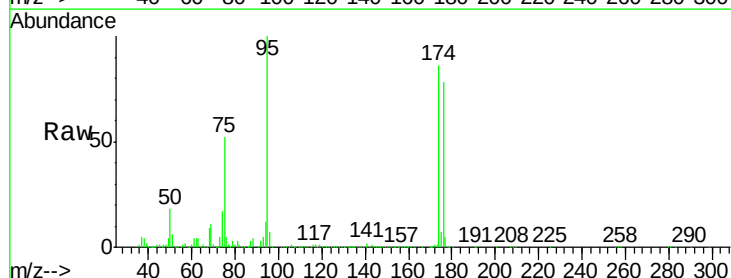
Tgt Ion: 95 Resp: 431375

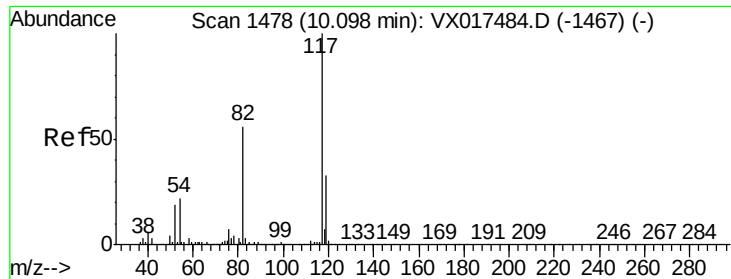
Ion Ratio Lower Upper

95 100

174 84.9 0.0 169.0

176 80.2 0.0 161.0

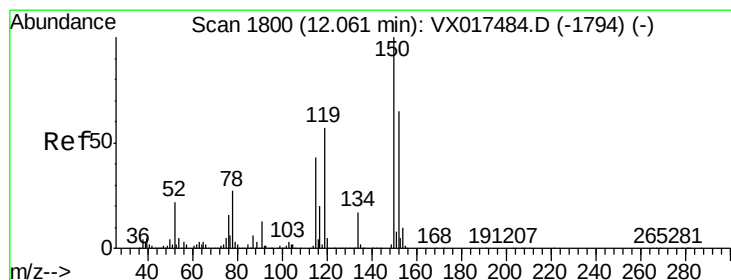
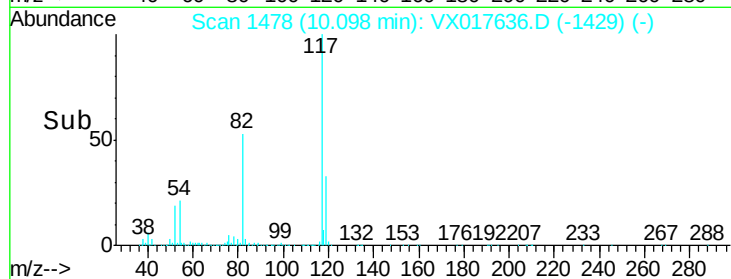
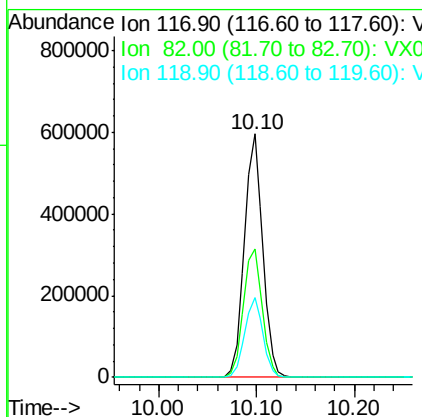
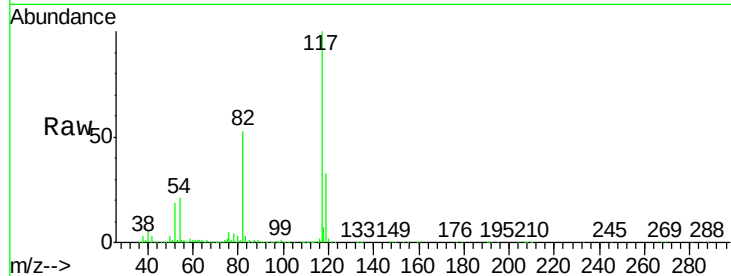




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017636.D
Acq: 27 Jul 2020 22:43

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.0	66.0
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017636.D
Acq: 27 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	65.5	196.6#
150	154.2	0.0	412.6

