

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017313.D
 Acq On : 09 Jul 2020 17:19
 Operator : JC/SP
 Sample : VX0709WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBL02

Quant Time: Jul 10 07:12:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	417978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222229	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163268	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	5.47	113	138197	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.70	98	503740	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.12	95	204329	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

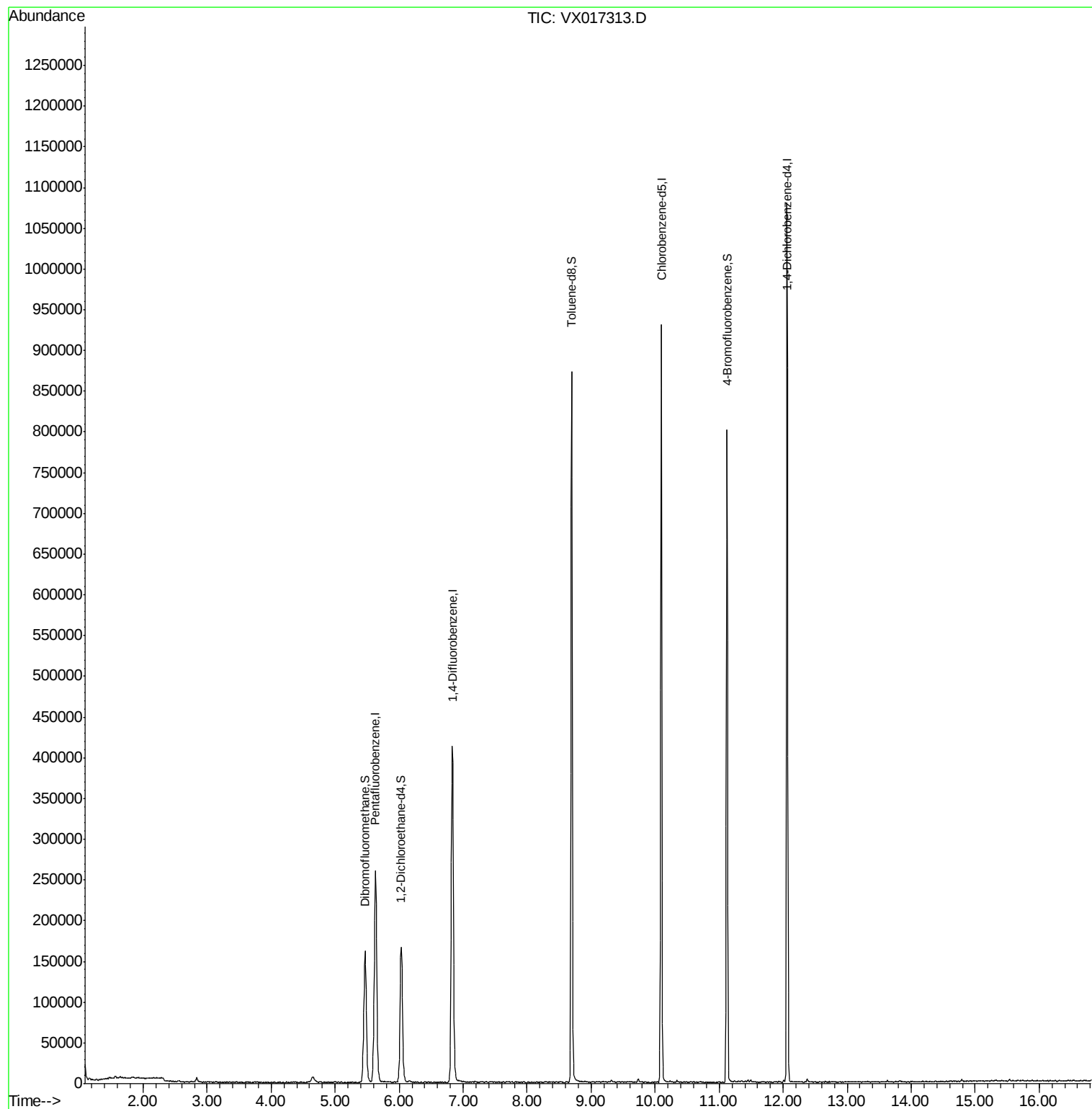
Target Compounds	Qvalue

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

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QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017313.D

Acq: 09 Jul 2020 17:19

Instrument :

MSVOA_X

ClientSampled :

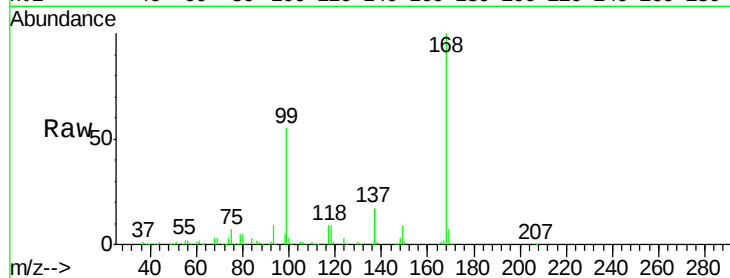
VX0709WBL02

Tot Ion:168 Resp: 252936

Ion Ratio Lower Upper

168 100

99 55.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

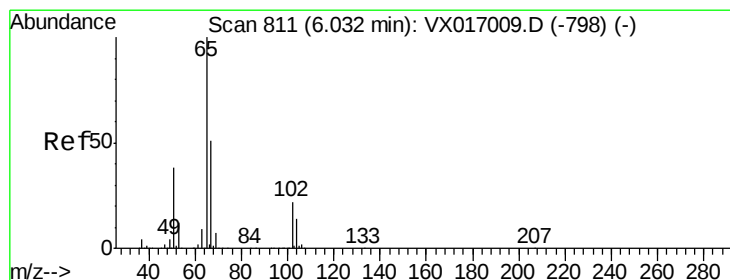
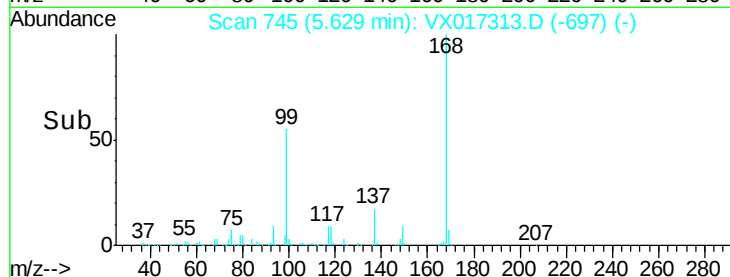
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.360 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017313.D

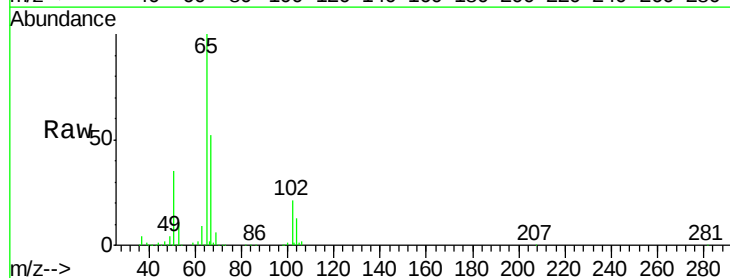
Acq: 09 Jul 2020 17:19

Tgt Ion: 65 Resp: 163268

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

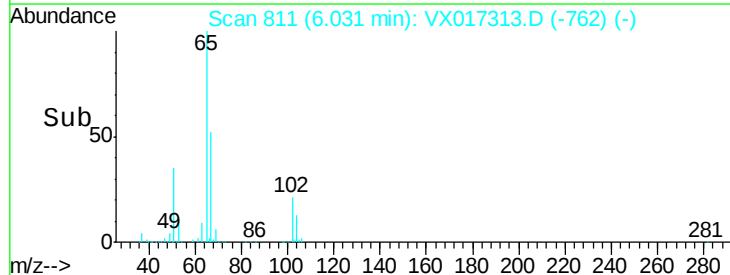
40000

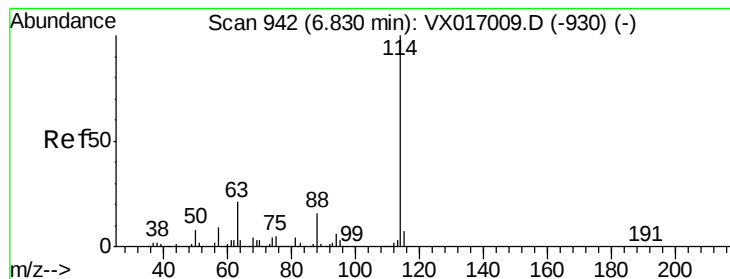
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017313.D

Acq: 09 Jul 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBL02

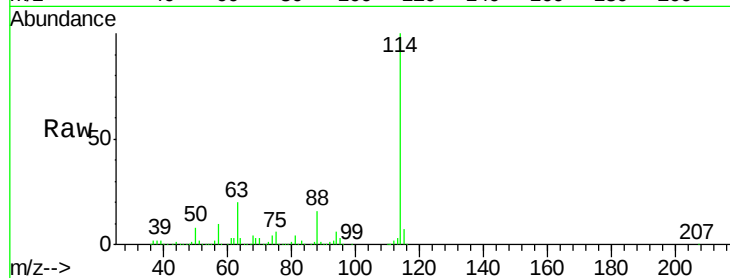
Tot Ion:114 Resp: 417978

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

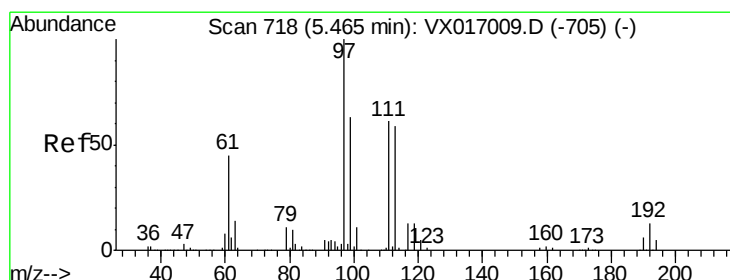
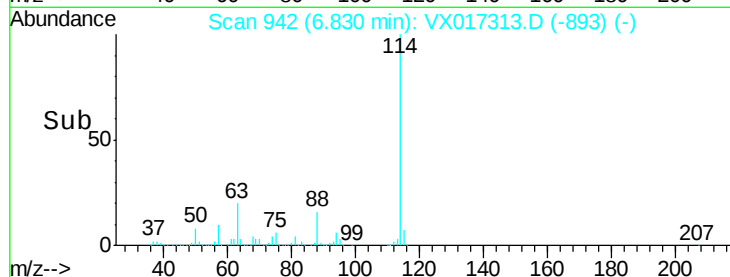
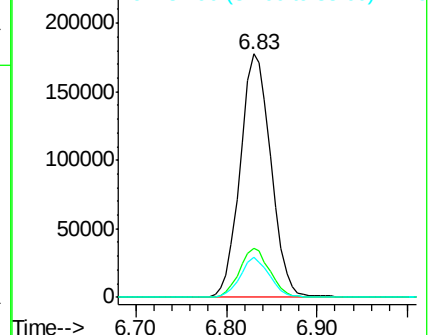
88 16.5 0.0 32.4



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: 52.268 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017313.D

Acq: 09 Jul 2020 17:19

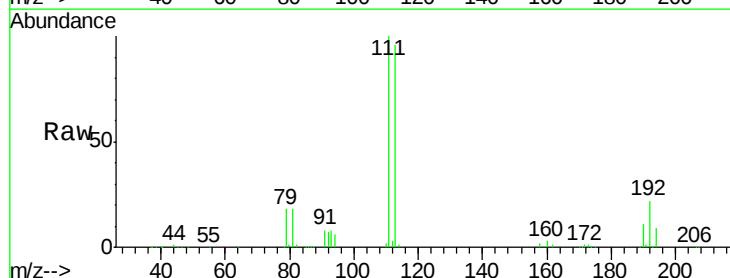
Tgt Ion:113 Resp: 138197

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

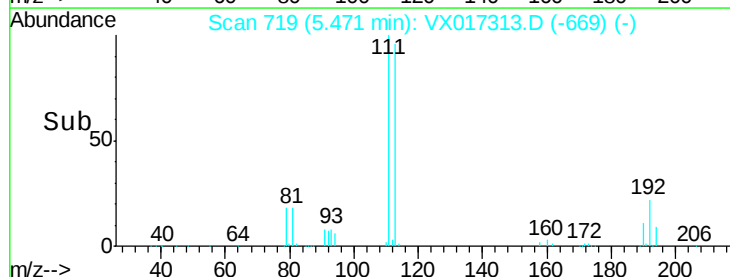
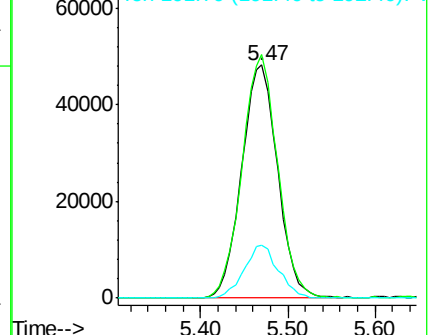
192 21.8 16.7 25.1

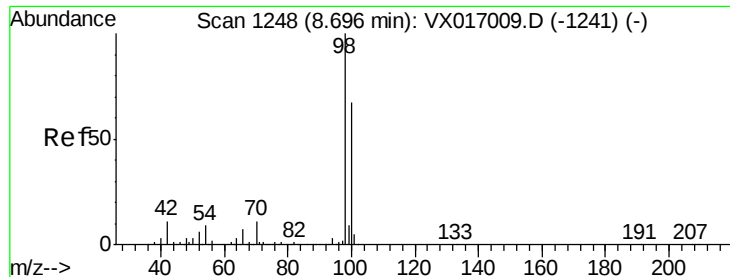


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.523 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017313.D

Acq: 09 Jul 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

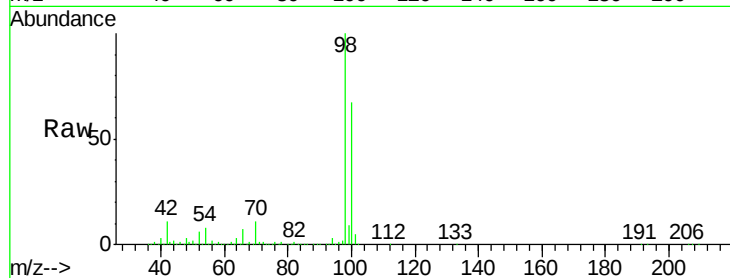
VX0709WBL02

Tot Ion: 98 Resp: 503740

Ion Ratio Lower Upper

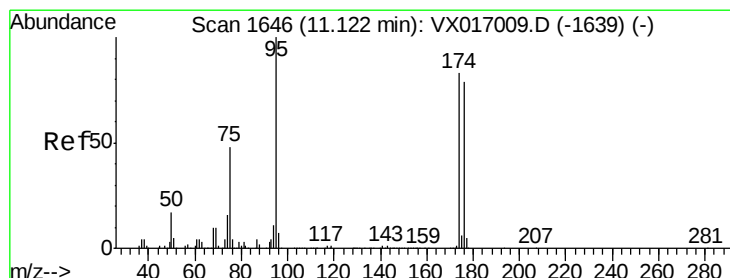
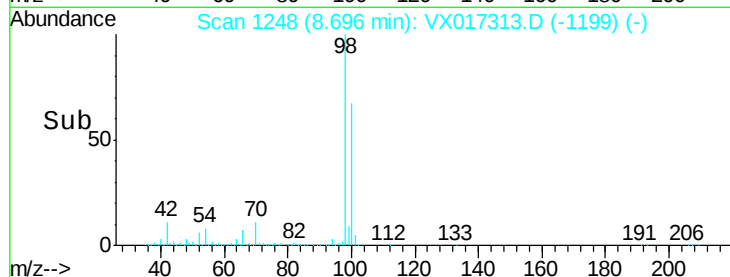
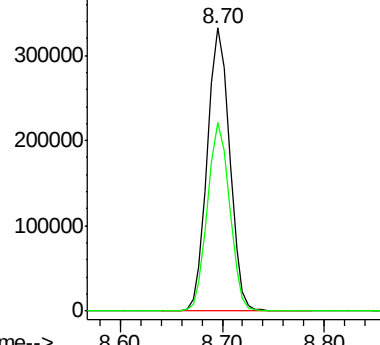
98 100

100 66.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.462 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017313.D

Acq: 09 Jul 2020 17:19

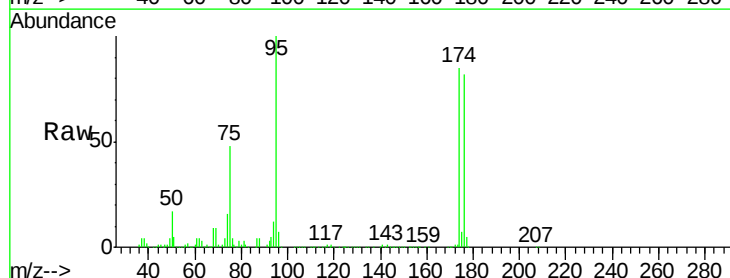
Tgt Ion: 95 Resp: 204329

Ion Ratio Lower Upper

95 100

174 83.1 0.0 164.0

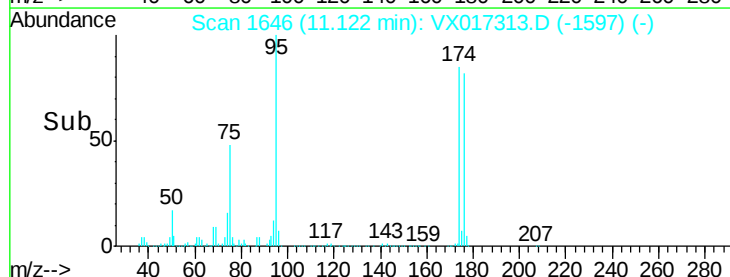
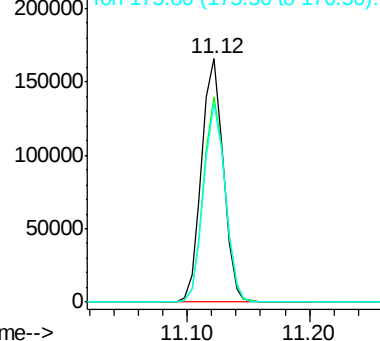
176 80.5 0.0 157.6

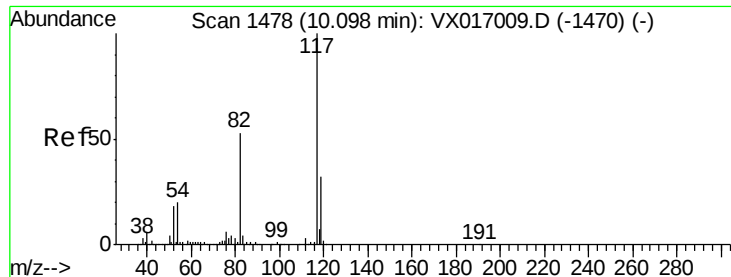


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

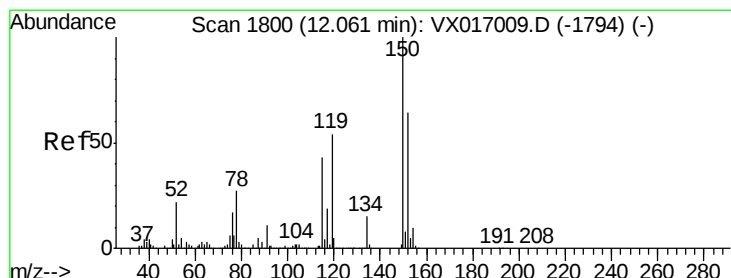
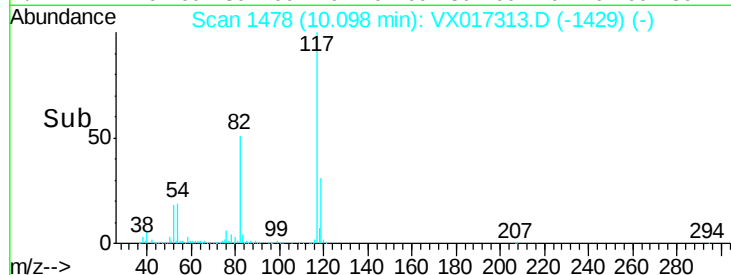
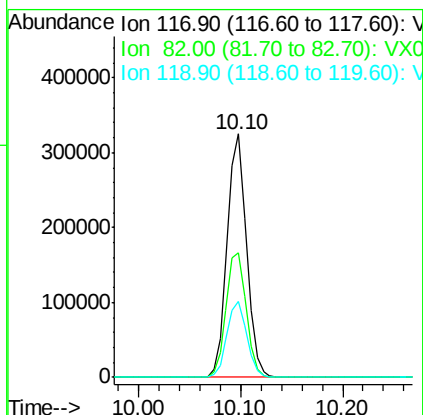
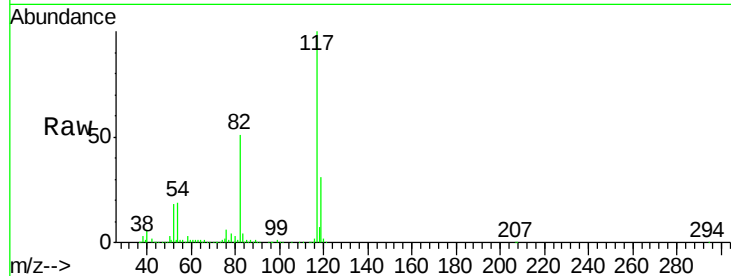




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017313.D
Acq: 09 Jul 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBL02

Tot Ion:117 Resp: 426690
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017313.D
Acq: 09 Jul 2020 17:19

Tgt Ion:152 Resp: 222229
Ion Ratio Lower Upper
152 100
115 57.0 40.9 122.7
150 153.9 0.0 351.6

