

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017027.D
 Acq On : 29 Jun 2020 23:05
 Operator : JC/SP
 Sample : L3147-03 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 12BR-20200626

Quant Time: Jun 30 06:41:46 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	247221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	428049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	443471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	159293	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	5.47	113	137175	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.70	98	524207	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	11.12	95	222016	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

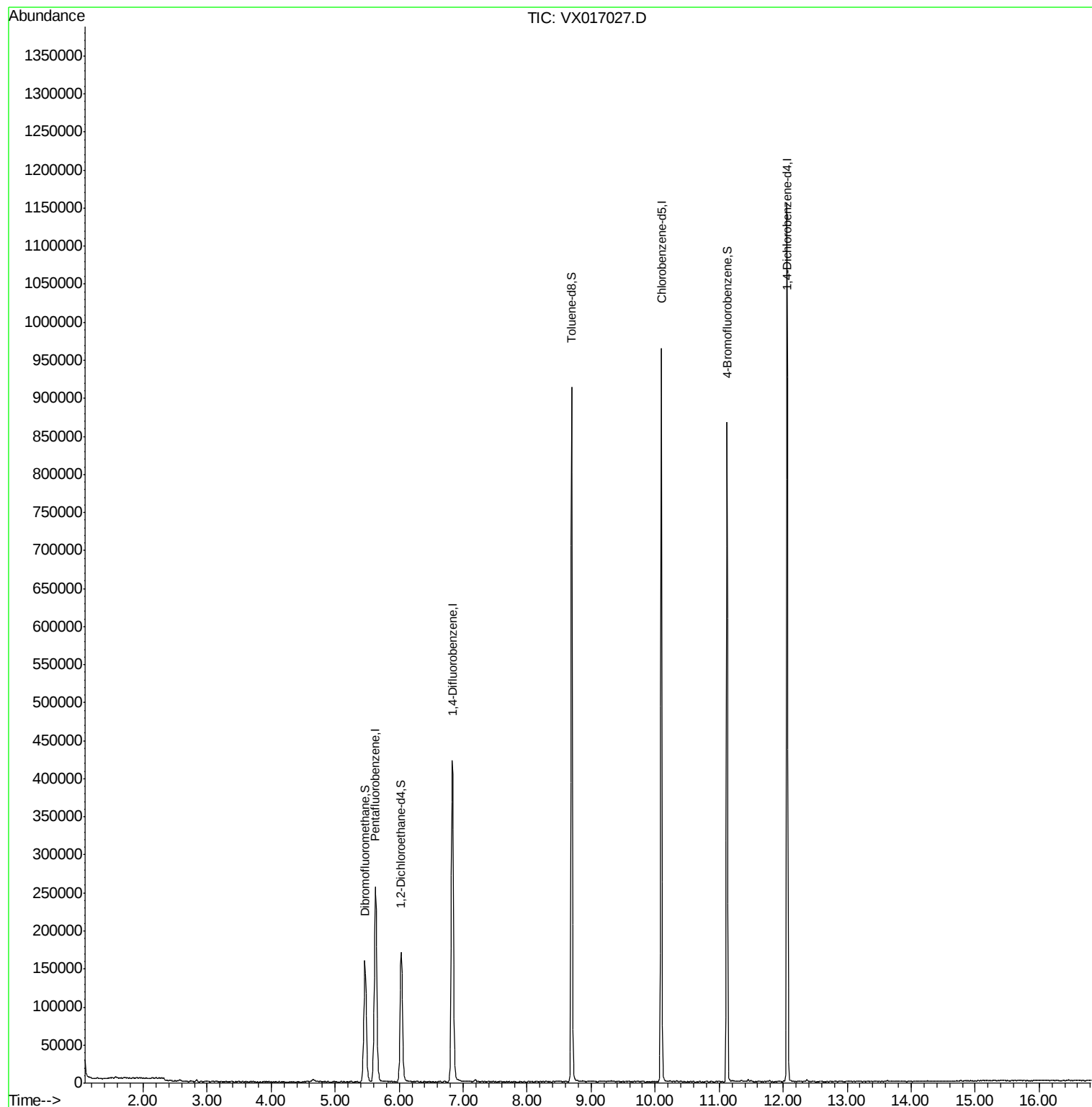
Target Compounds	Qvalue
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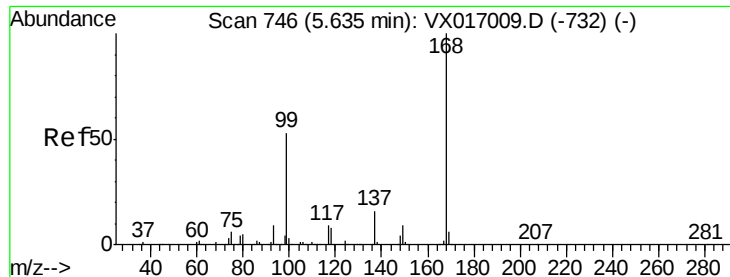
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 29 17:10:38 2020
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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: VX017027.D

Acq: 29 Jun 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

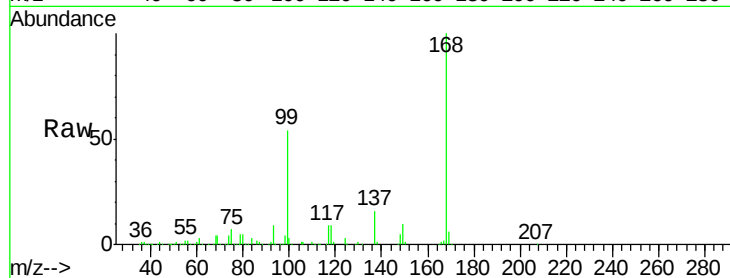
12BR-20200626

Tot Ion:168 Resp: 247221

Ion Ratio Lower Upper

168 100

99 53.9 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

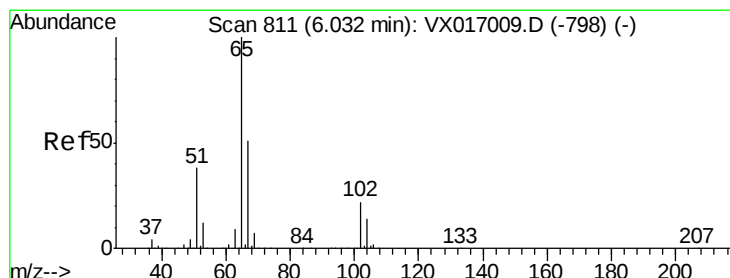
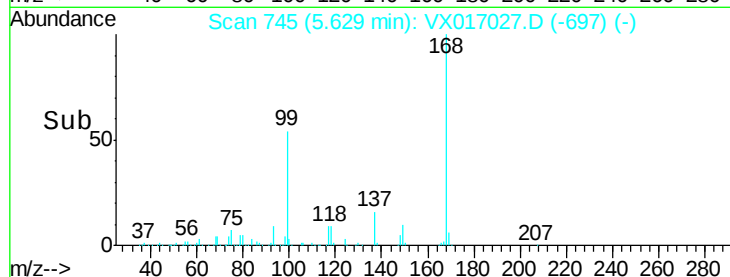
40000

20000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 52.266 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017027.D

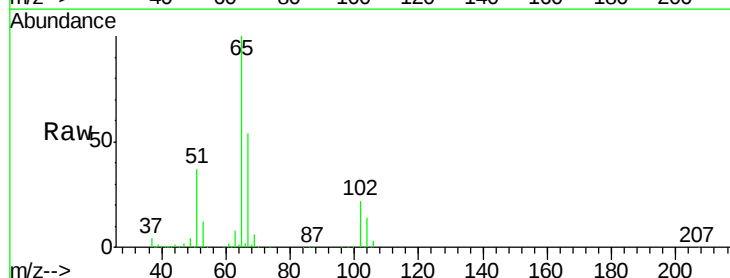
Acq: 29 Jun 2020 23:05

Tgt Ion: 65 Resp: 159293

Ion Ratio Lower Upper

65 100

67 52.8 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

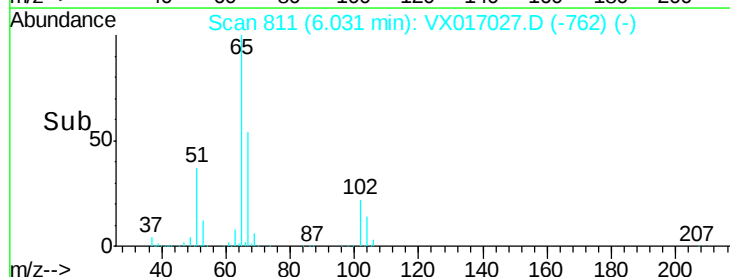
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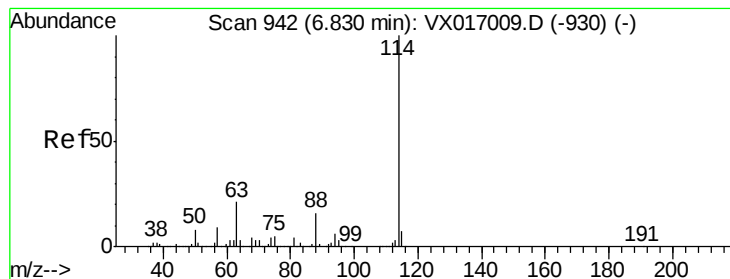
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017027.D

Acq: 29 Jun 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

12BR-20200626

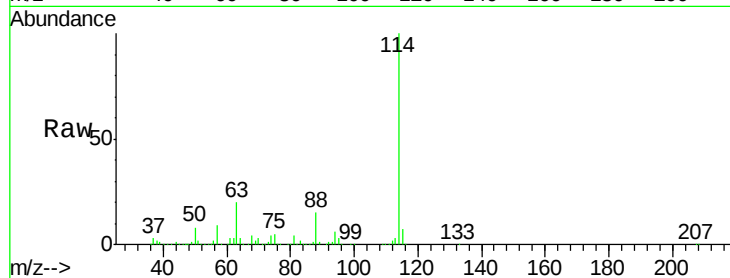
Tot Ion:114 Resp: 428049

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

88 15.3 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

250000

200000

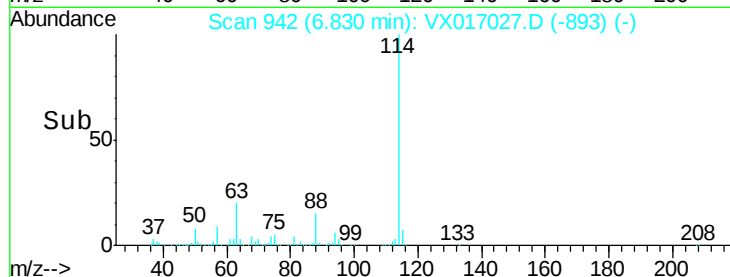
150000

100000

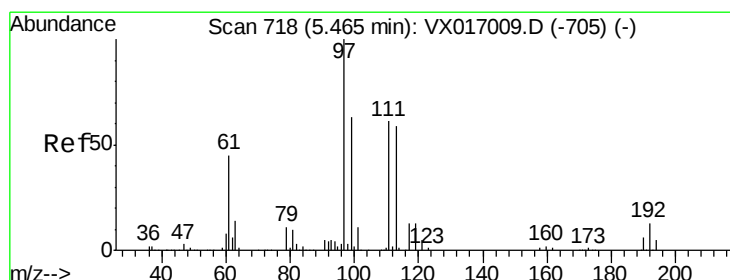
50000

0

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 50.661 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017027.D

Acq: 29 Jun 2020 23:05

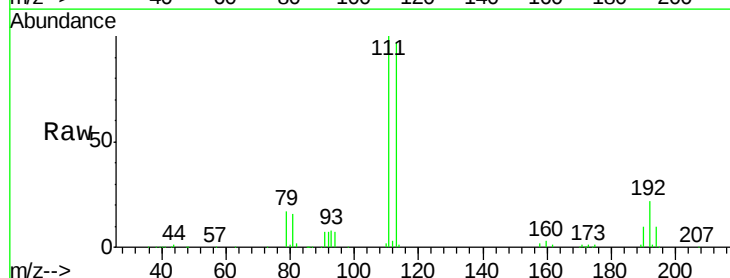
Tgt Ion:113 Resp: 137175

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 20.8 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

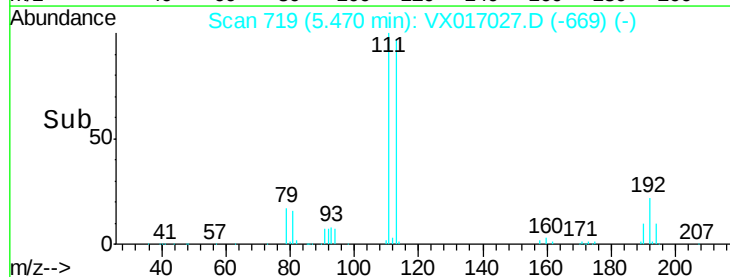
60000

40000

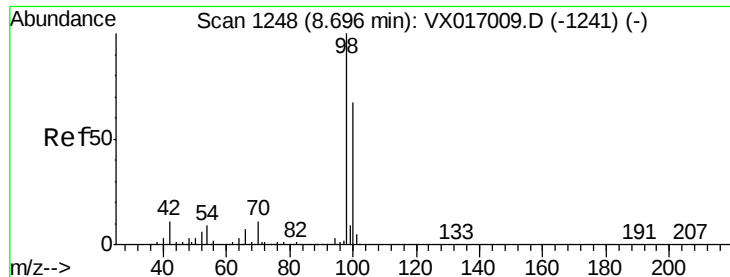
20000

0

5.30 5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 52.355 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017027.D

Acq: 29 Jun 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

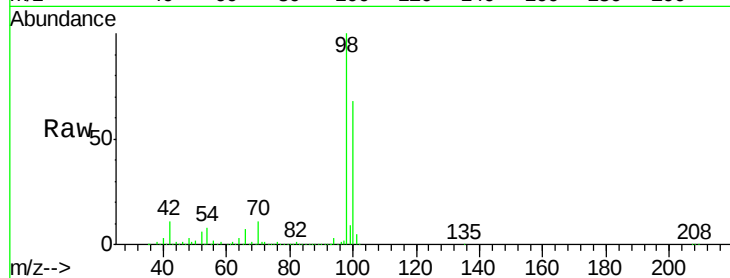
12BR-20200626

Tot Ion: 98 Resp: 524207

Ion Ratio Lower Upper

98 100

100 67.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

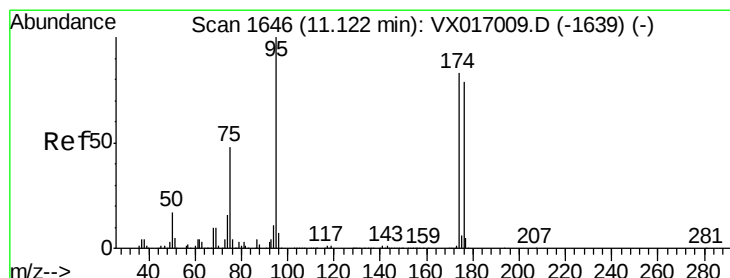
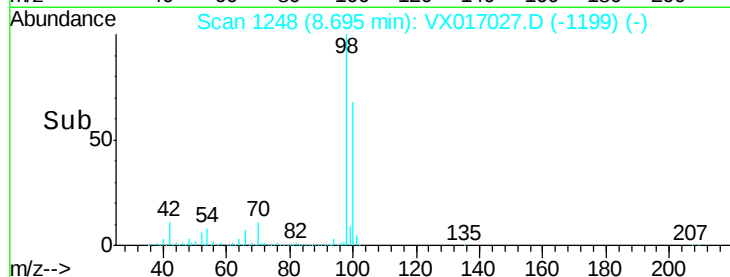
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.723 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017027.D

Acq: 29 Jun 2020 23:05

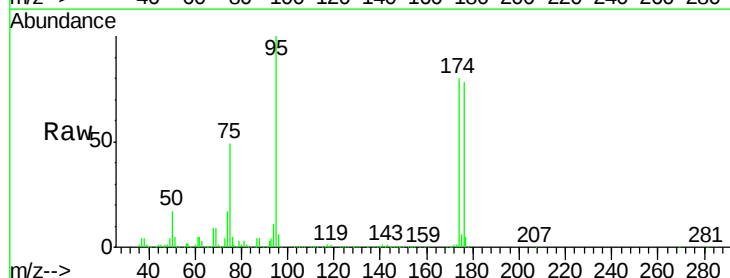
Tgt Ion: 95 Resp: 222016

Ion Ratio Lower Upper

95 100

174 80.3 0.0 164.0

176 77.3 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

250000

200000

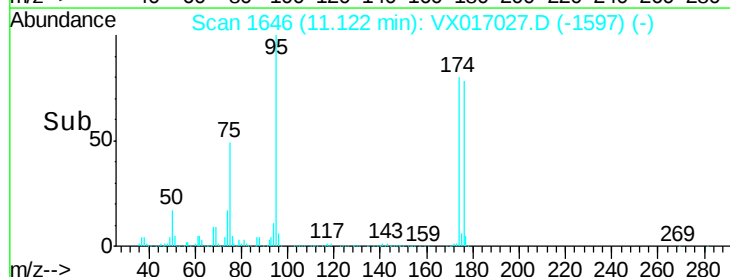
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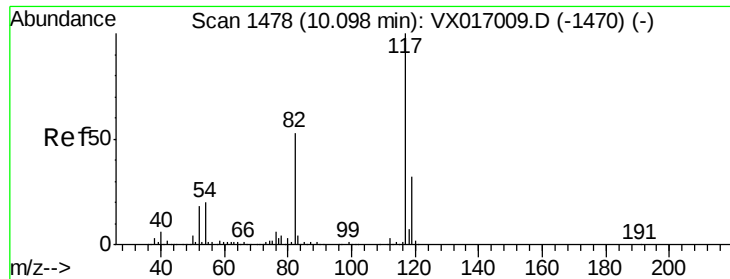
100000

50000

0

Time-->

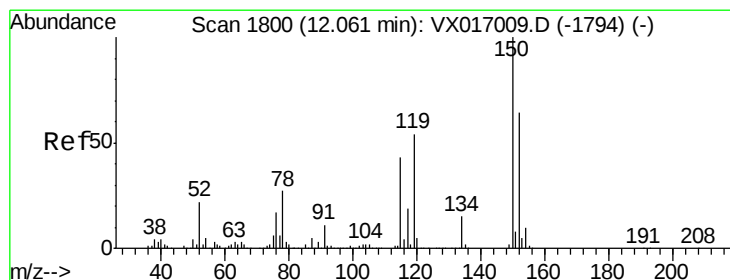
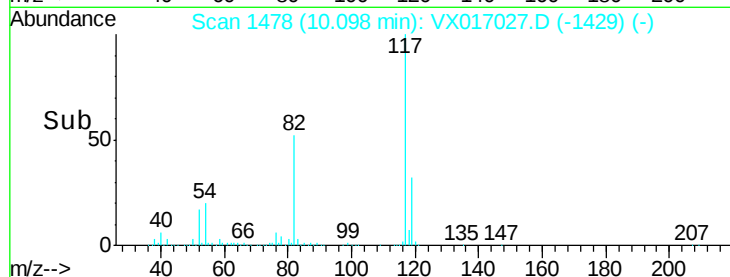
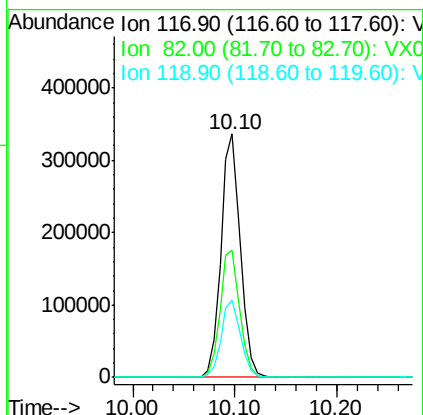
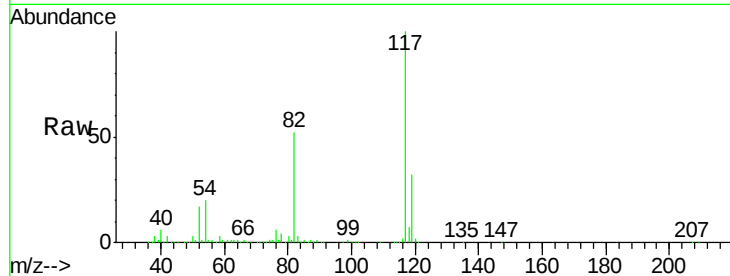




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017027.D
Acq: 29 Jun 2020 23:05

Instrument :
MSVOA_X
ClientSampleId :
12BR-20200626

Tot Ion:117 Resp: 443471
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 31.5 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: VX017027.D
Acq: 29 Jun 2020 23:05

Tgt Ion:152 Resp: 231598
Ion Ratio Lower Upper
152 100
115 59.3 40.9 122.7
150 158.5 0.0 351.6

