

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018336.D
 Acq On : 10 Sep 2020 12:11
 Operator : JC/SP
 Sample : L3956-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20200909

Quant Time: Sep 11 07:10:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	446041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	722659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	674551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	319572	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	327748	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	5.46	113	253872	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	8.70	98	863712	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.12	95	307425	42.63	ug/l	0.00
Spiked Amount			Recovery	=	85.26%	

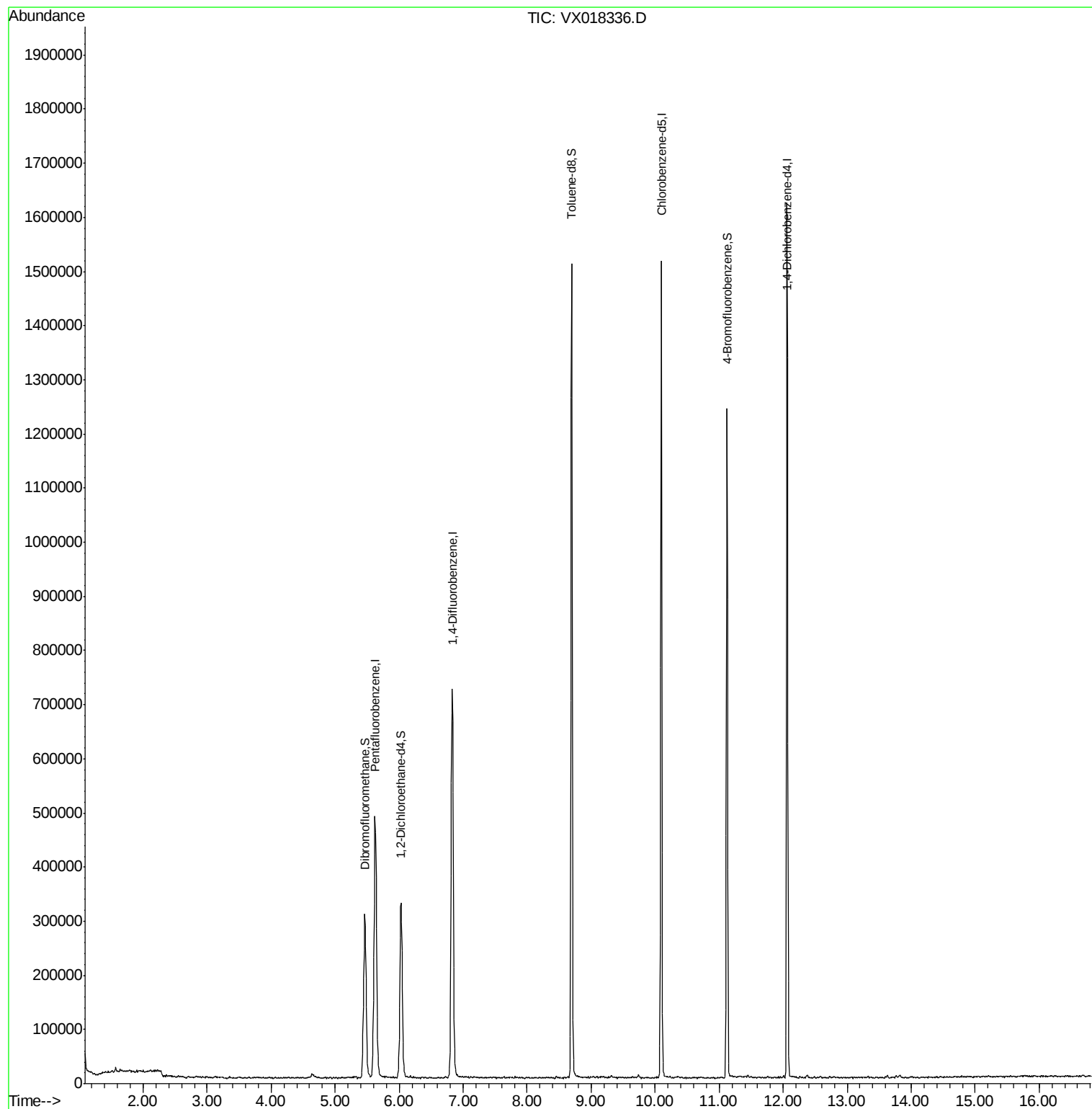
Target Compounds	Qvalue
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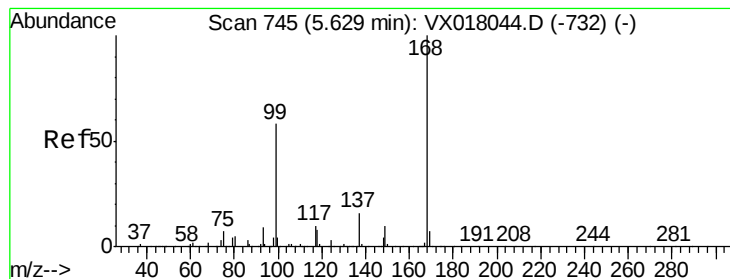
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 03:03:56 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018336.D

Acq: 10 Sep 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

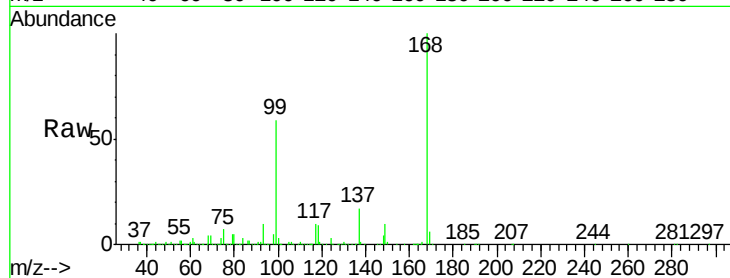
TT-TB-20200909

Tot Ion:168 Resp: 446041

Ion Ratio Lower Upper

168 100

99 59.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

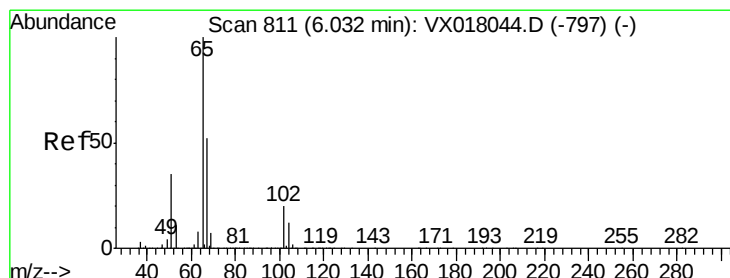
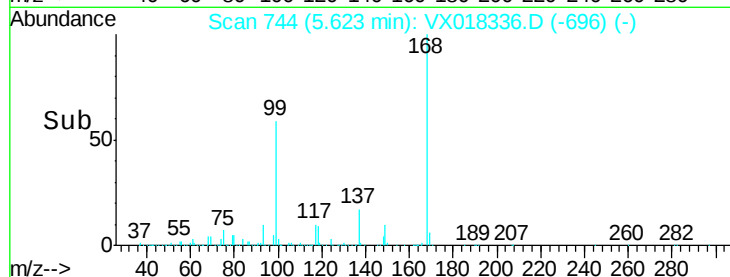
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 52.929 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018336.D

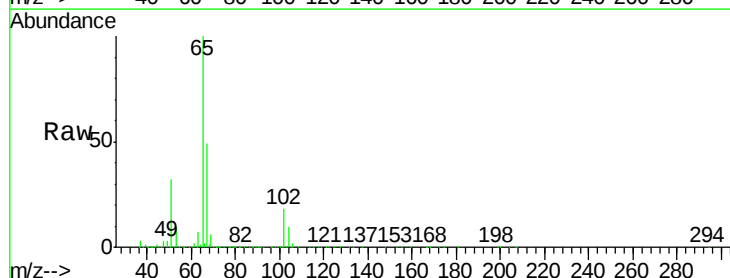
Acq: 10 Sep 2020 12:11

Tgt Ion: 65 Resp: 327748

Ion Ratio Lower Upper

65 100

67 50.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

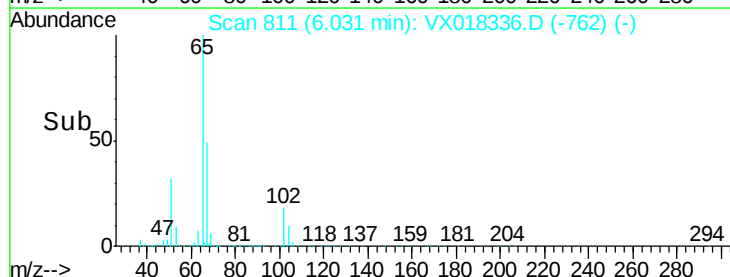
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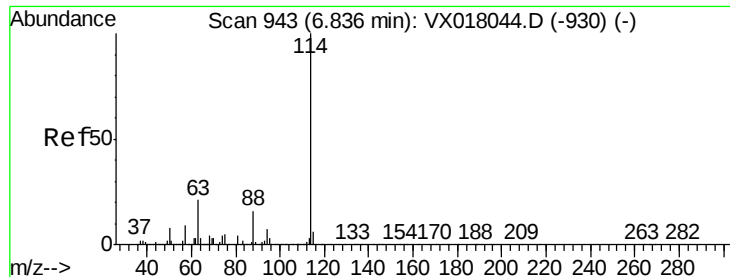
50000

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. -0.01 min

Lab File: VX018336.D

Acq: 10 Sep 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200909

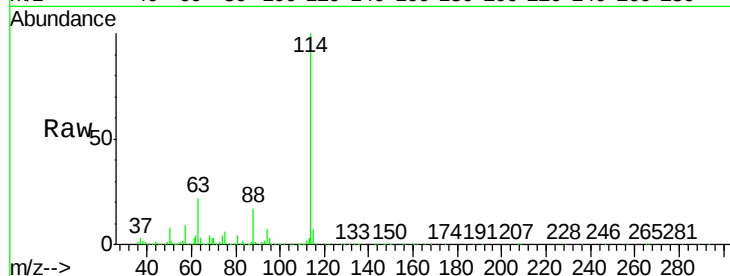
Tot Ion:114 Resp: 722659

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

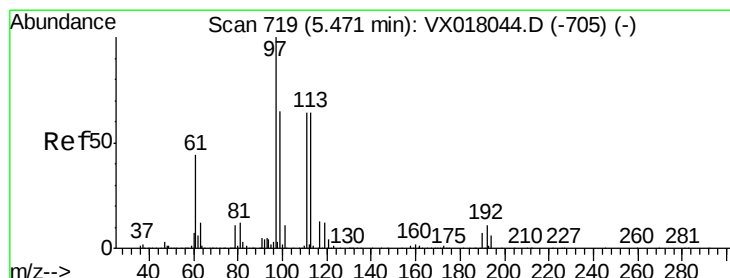
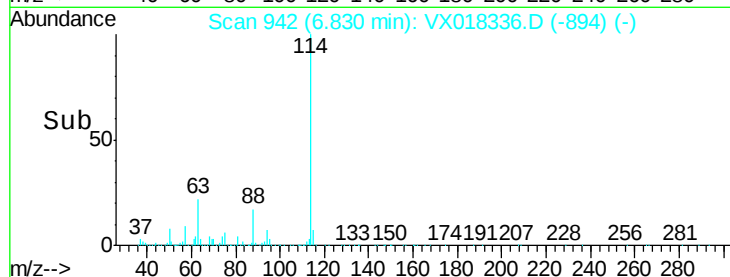
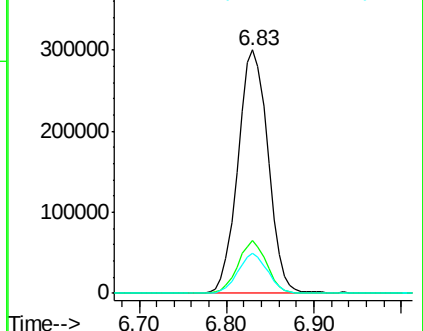
88 16.6 0.0 31.8



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: 51.583 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018336.D

Acq: 10 Sep 2020 12:11

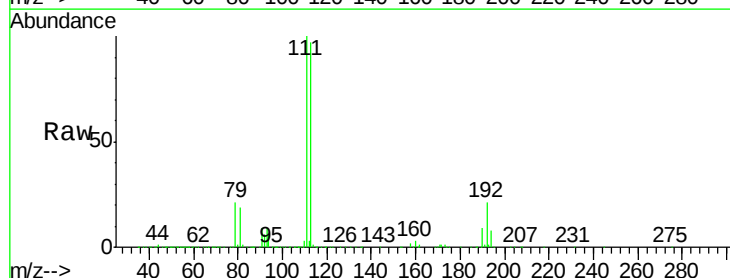
Tgt Ion:113 Resp: 253872

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

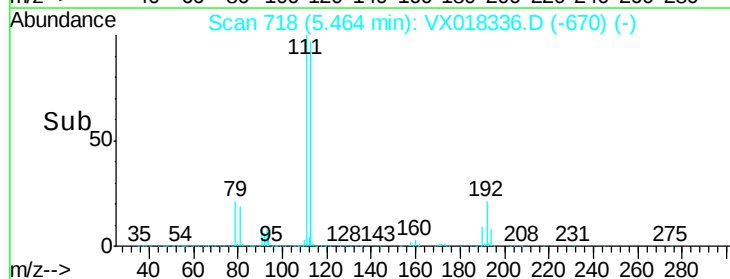
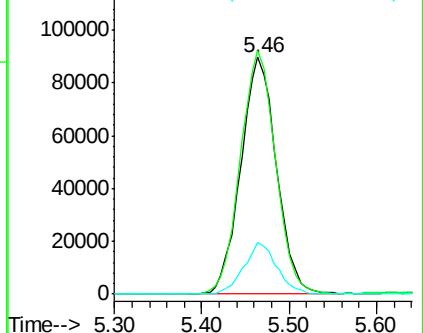
192 20.3 15.8 23.8

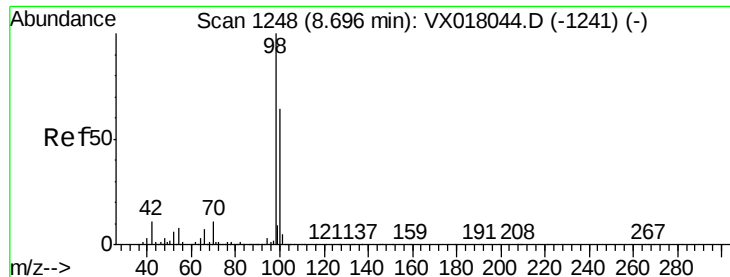


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.118 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018336.D

Acq: 10 Sep 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

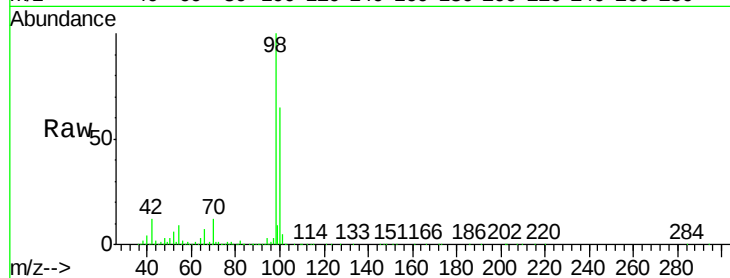
TT-TB-20200909

Tot Ion: 98 Resp: 863712

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

600000

500000

400000

300000

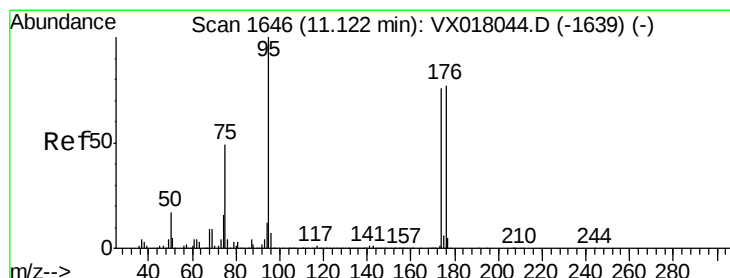
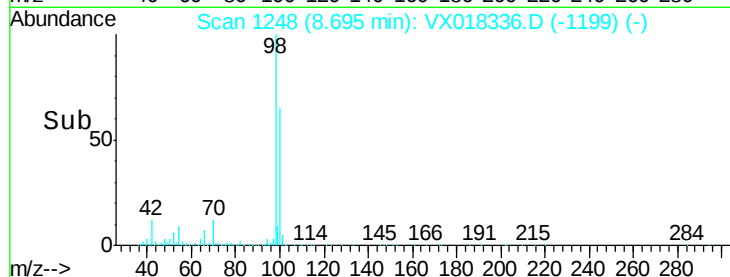
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 42.626 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018336.D

Acq: 10 Sep 2020 12:11

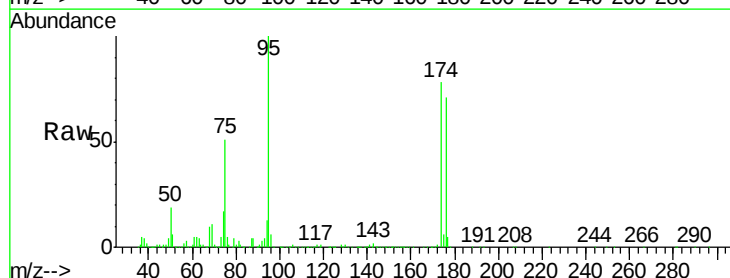
Tgt Ion: 95 Resp: 307425

Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.2

176 76.9 0.0 155.8



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

300000

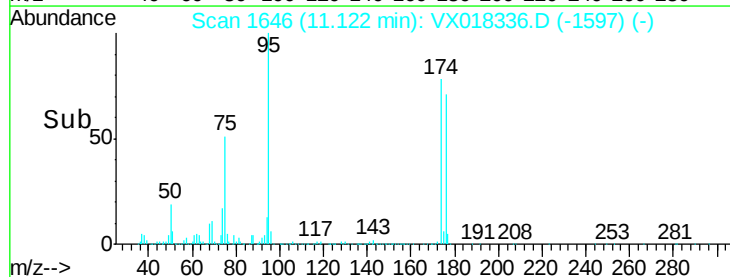
200000

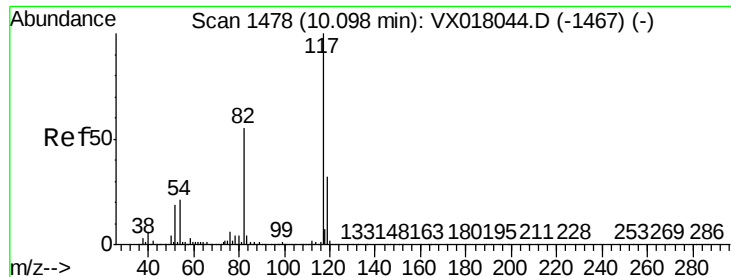
100000

0

11.05 11.10 11.15

Time-->

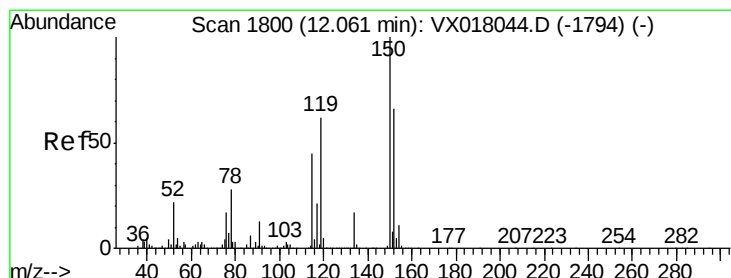
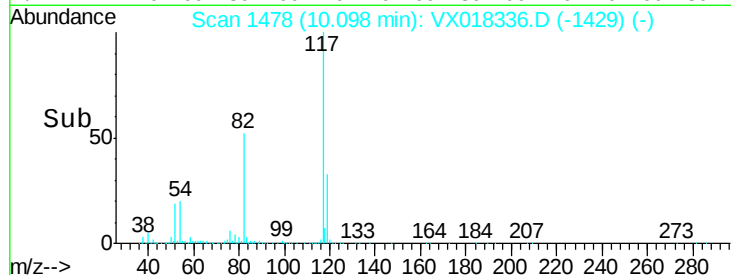
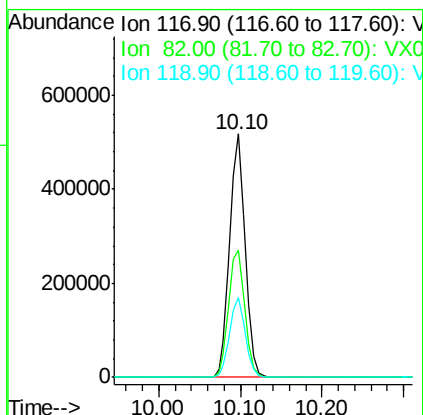
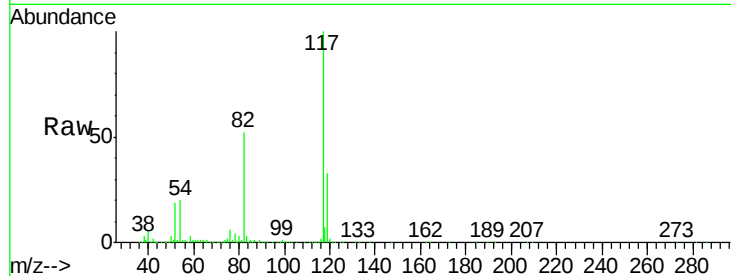




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018336.D
Acq: 10 Sep 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200909

Tot Ion:117 Resp: 674551
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018336.D
Acq: 10 Sep 2020 12:11

Tgt Ion:152 Resp: 319572
Ion Ratio Lower Upper
152 100
115 60.5 41.5 124.5
150 154.5 0.0 343.8

