

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019607.D
 Acq On : 24 Nov 2020 15:55
 Operator : JC/MD
 Sample : L4889-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-TB-20201119

Quant Time: Nov 25 05:39:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	297064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174251	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	184981	48.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.06%
35) Dibromofluoromethane	5.46	113	146356	47.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.82%
50) Toluene-d8	8.70	98	585679	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%
62) 4-Bromofluorobenzene	11.12	95	199708	46.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.52%

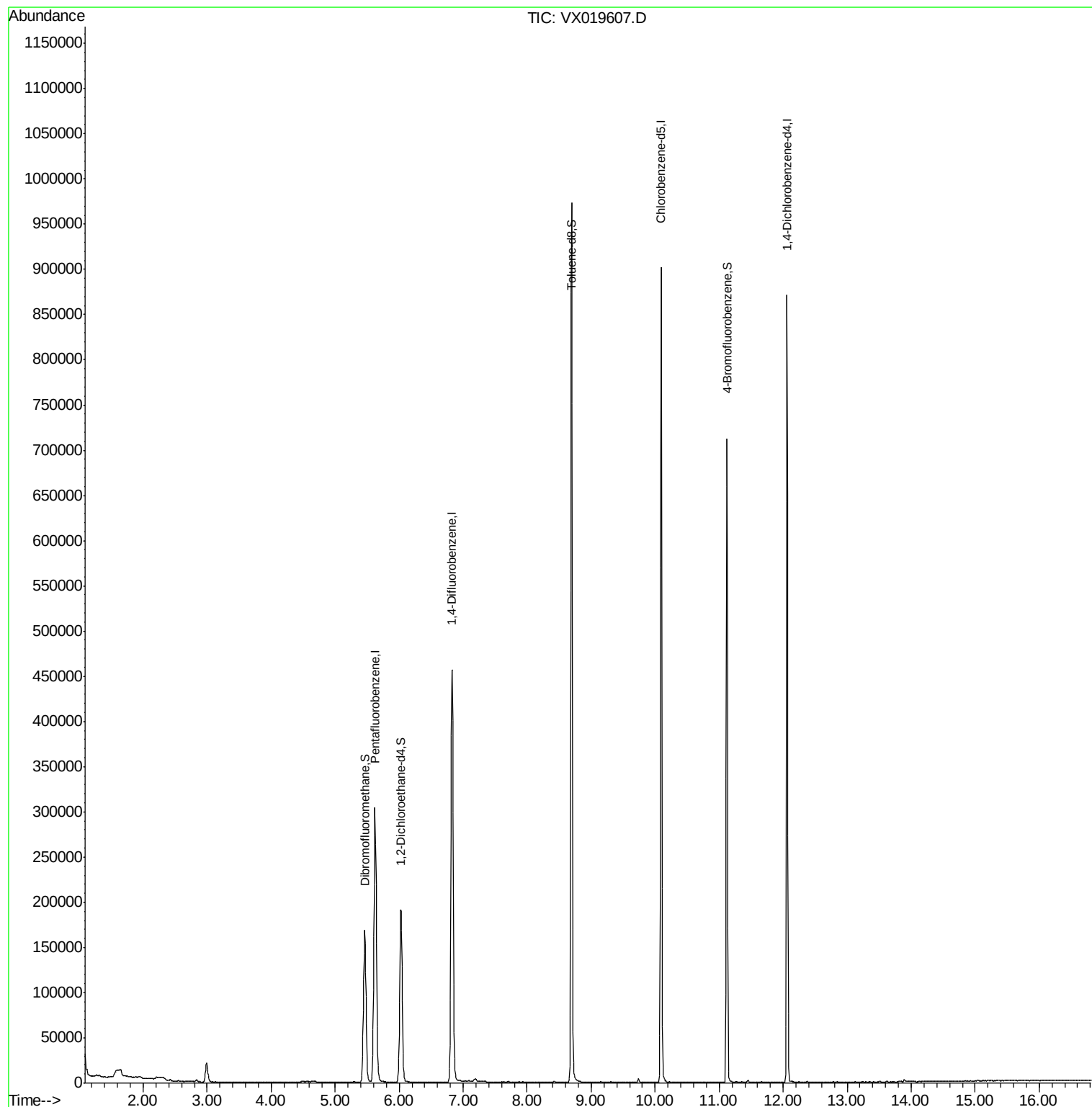
Target Compounds	Qvalue

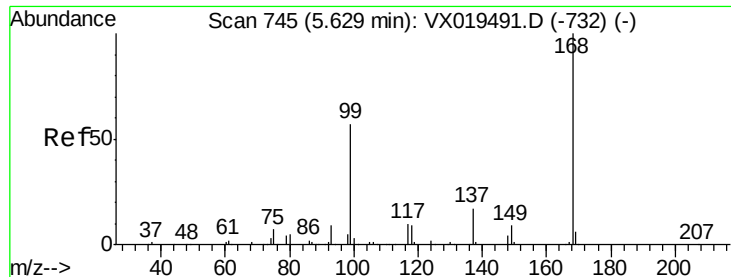
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019607.D

Acq: 24 Nov 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

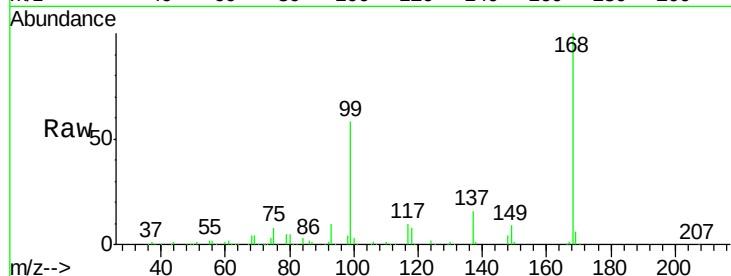
BP-VPB178-TB-20201119

Tot Ion:168 Resp: 297064

Ion Ratio Lower Upper

168 100

99 57.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

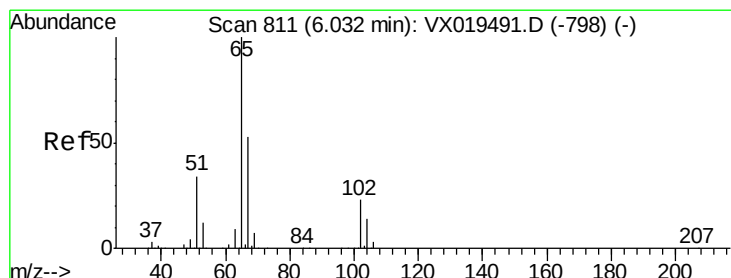
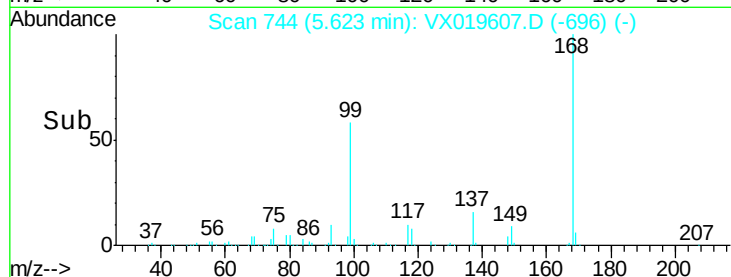
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.026 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019607.D

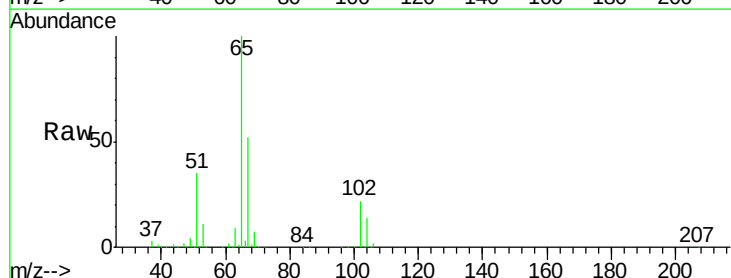
Acq: 24 Nov 2020 15:55

Tgt Ion: 65 Resp: 184981

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

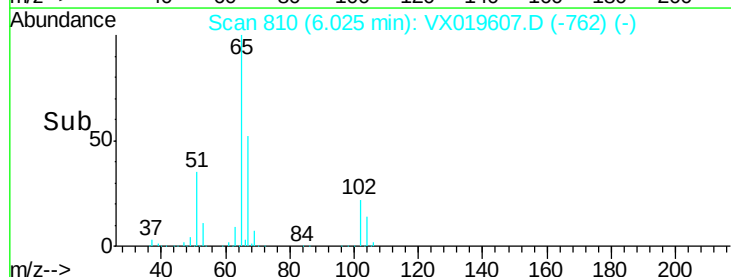
60000

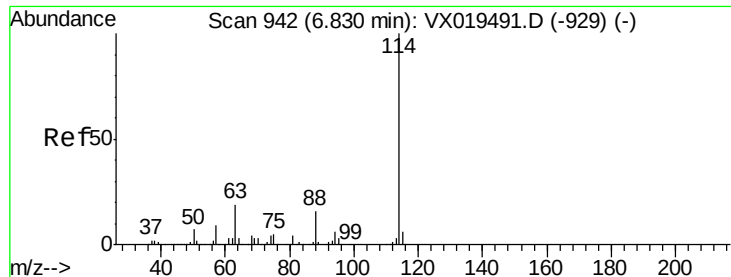
40000

20000

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: VX019607.D

Acq: 24 Nov 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-TB-20201119

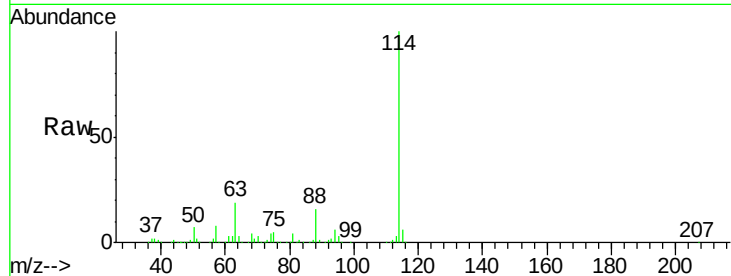
Tot Ion:114 Resp: 486654

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

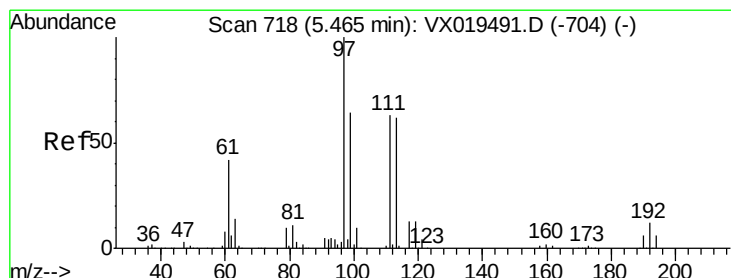
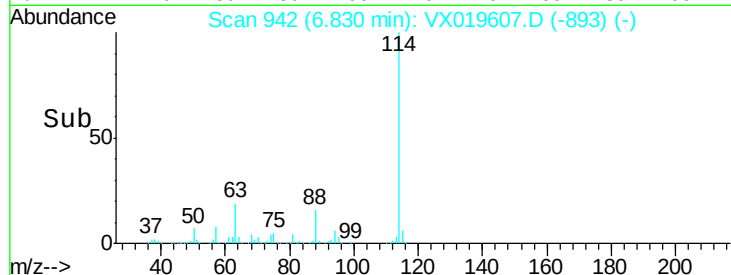
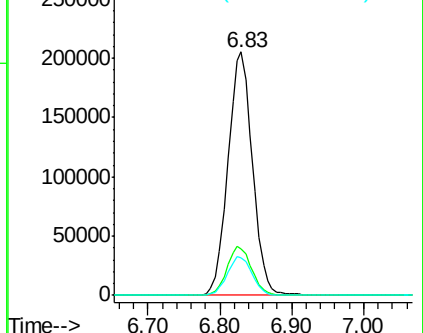
88 15.5 0.0 31.6



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: 47.911 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019607.D

Acq: 24 Nov 2020 15:55

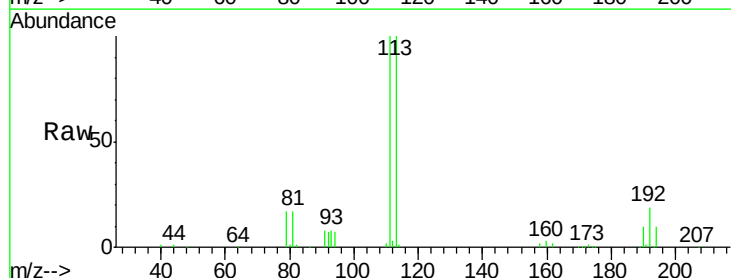
Tgt Ion:113 Resp: 146356

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

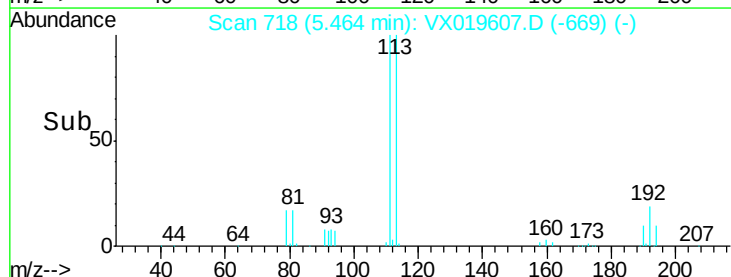
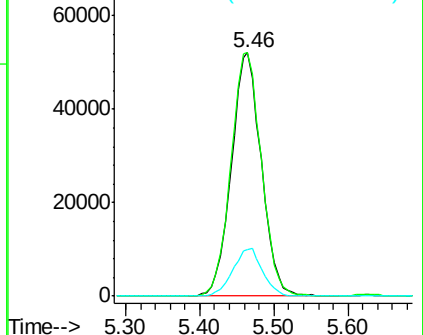
192 19.6 16.2 24.2

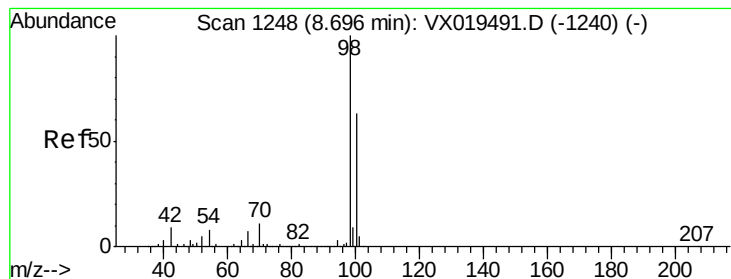


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.340 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019607.D

Acq: 24 Nov 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

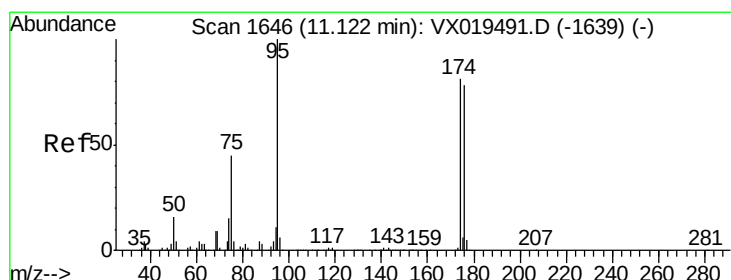
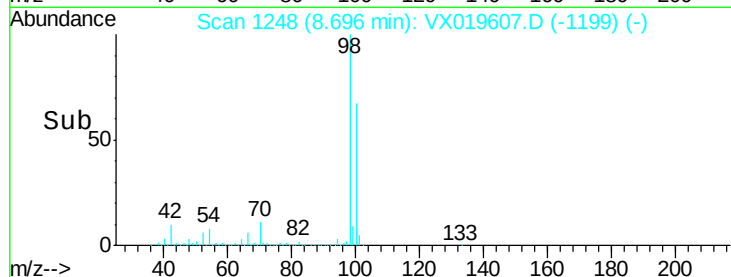
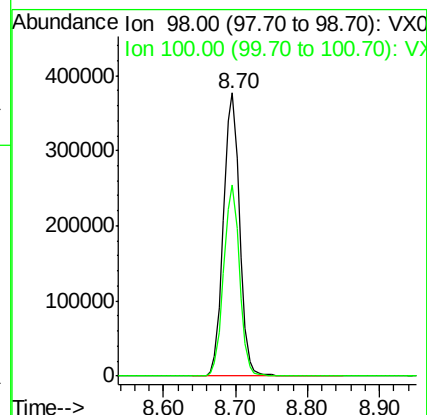
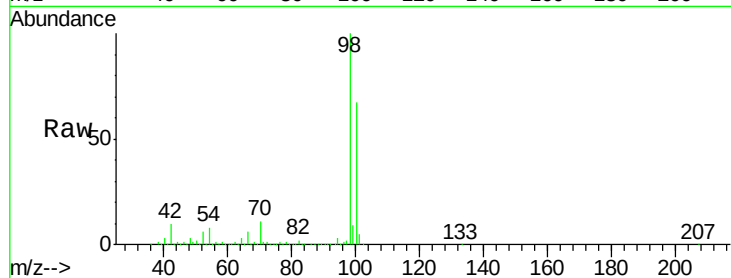
BP-VPB178-TB-20201119

Tot Ion: 98 Resp: 585679

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.761 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019607.D

Acq: 24 Nov 2020 15:55

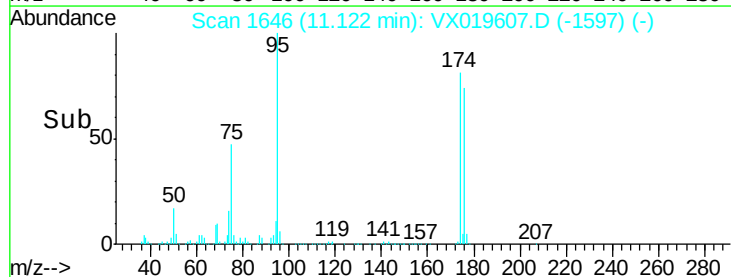
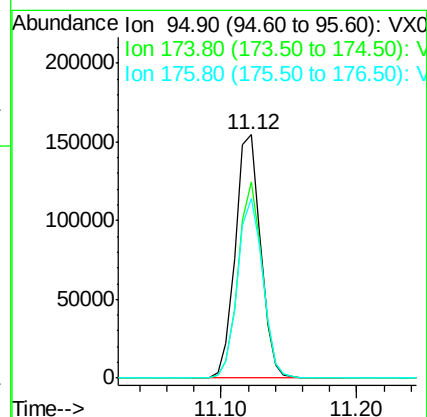
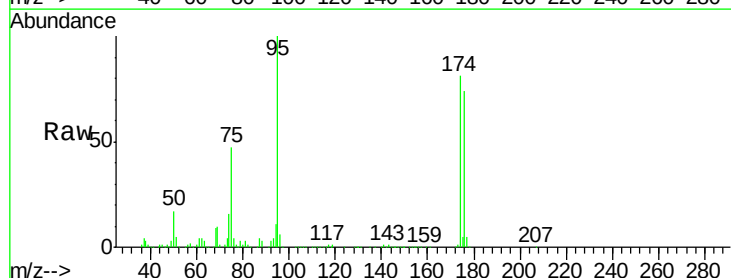
Tgt Ion: 95 Resp: 199708

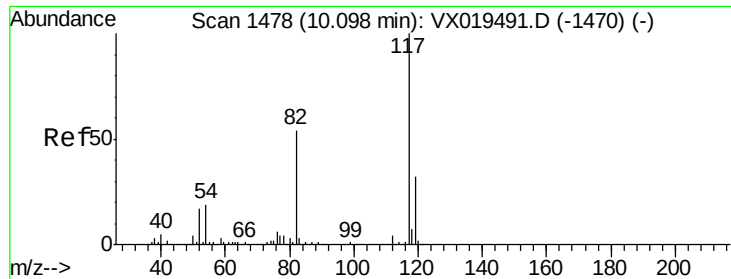
Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.2

176 74.1 0.0 151.4

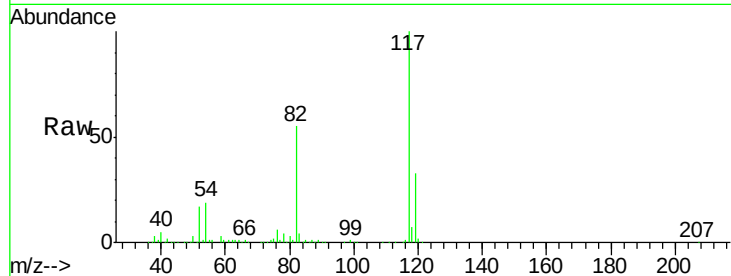




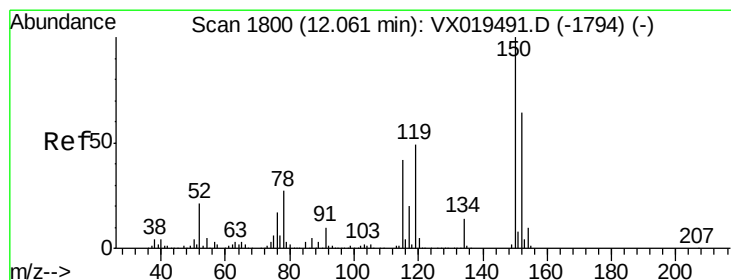
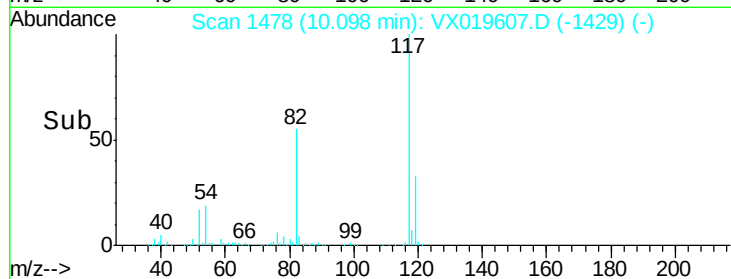
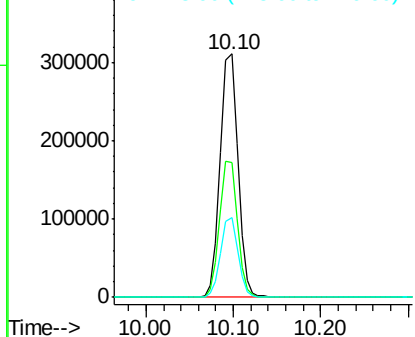
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019607.D
Acq: 24 Nov 2020 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-TB-20201119

Tot Ion:117 Resp: 438454
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.9 25.6 38.4

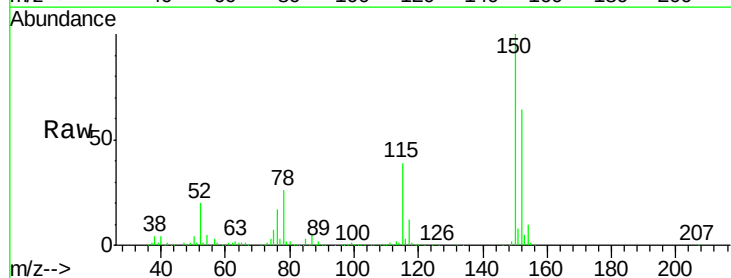


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019607.D
Acq: 24 Nov 2020 15:55

Tgt Ion:152 Resp: 174251
Ion Ratio Lower Upper
152 100
115 60.3 41.8 125.4
150 157.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

