

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019634.D
 Acq On : 25 Nov 2020 03:09
 Operator : JC/MD
 Sample : L4835-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20201119

Quant Time: Nov 25 06:55:30 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	315736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	199147	48.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.30%
35) Dibromofluoromethane	5.46	113	155975	47.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.58%
50) Toluene-d8	8.70	98	626550	49.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.82%
62) 4-Bromofluorobenzene	11.12	95	208444	45.69	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.38%

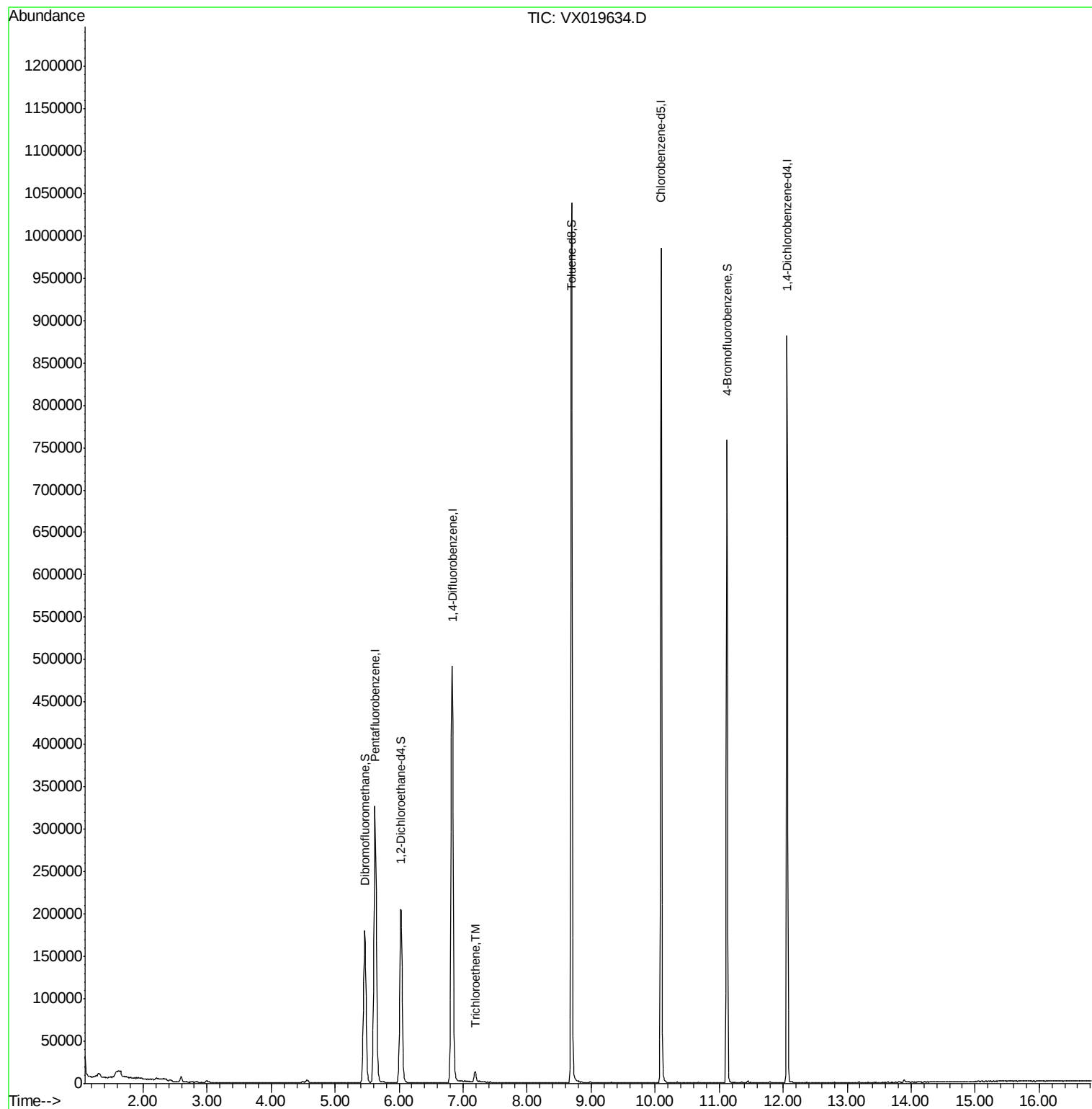
Target Compounds					Qvalue
44) Trichloroethene	7.19	130	4063	1.036 ug/l	97

(#) = 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: VX019634.D

Acq: 25 Nov 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

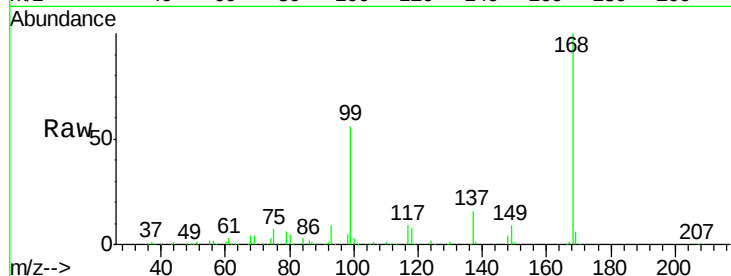
MH-118.5N-20201119

Tot Ion:168 Resp: 315736

Ion Ratio Lower Upper

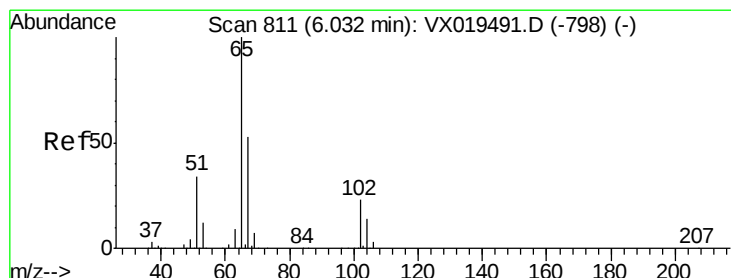
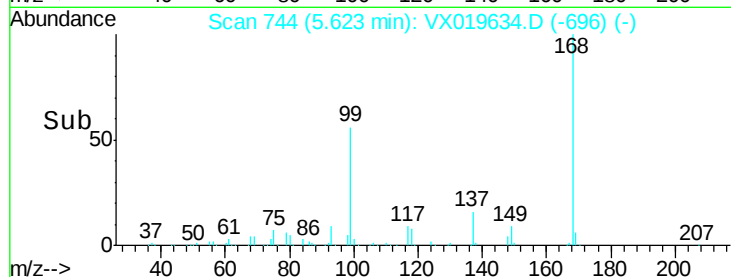
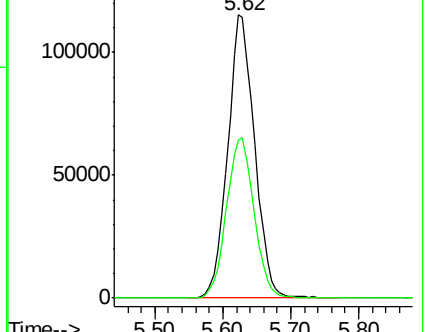
168 100

99 55.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.646 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019634.D

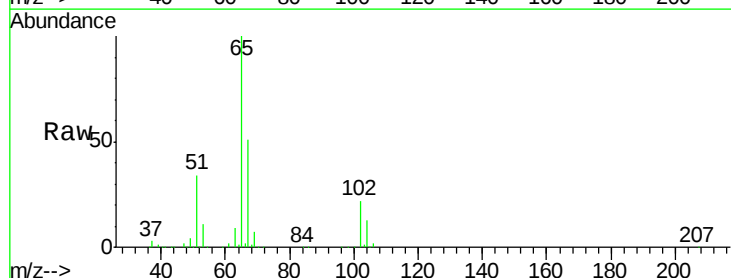
Acq: 25 Nov 2020 03:09

Tgt Ion: 65 Resp: 199147

Ion Ratio Lower Upper

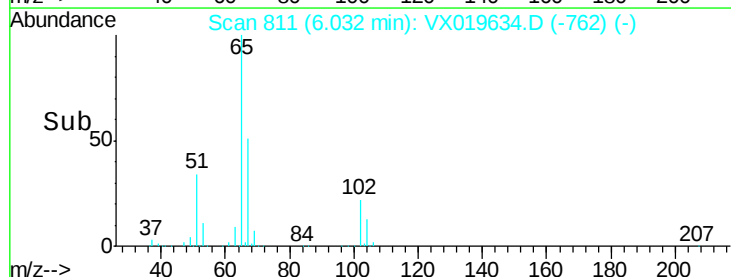
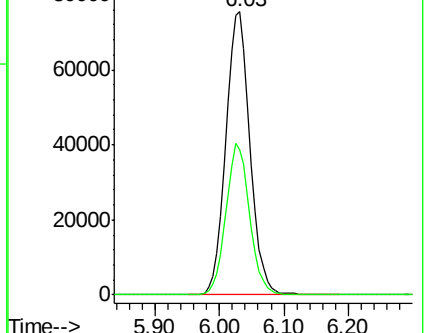
65 100

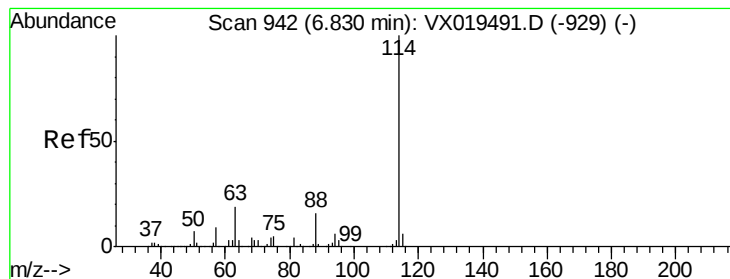
67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019634.D

Acq: 25 Nov 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20201119

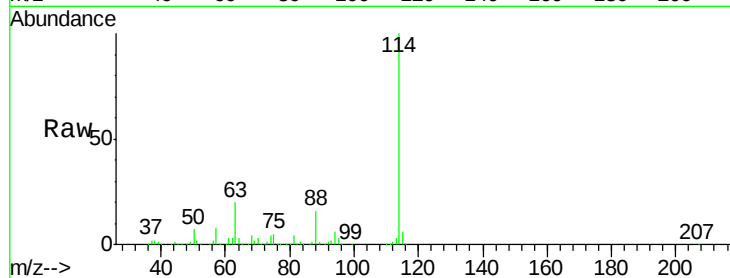
Tot Ion:114 Resp: 519909

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

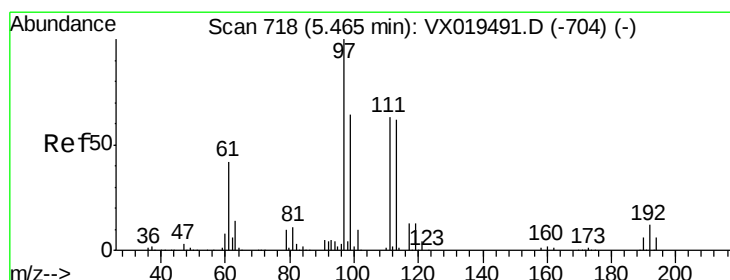
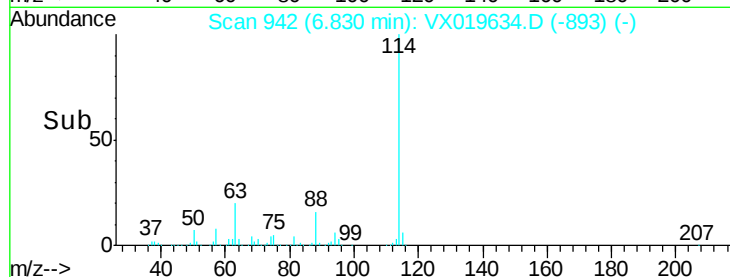
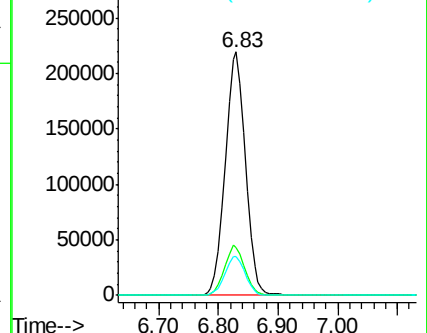
88 15.9 0.0 31.6



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: 47.794 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019634.D

Acq: 25 Nov 2020 03:09

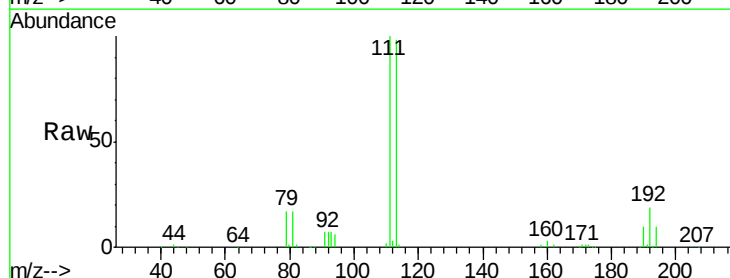
Tgt Ion:113 Resp: 155975

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

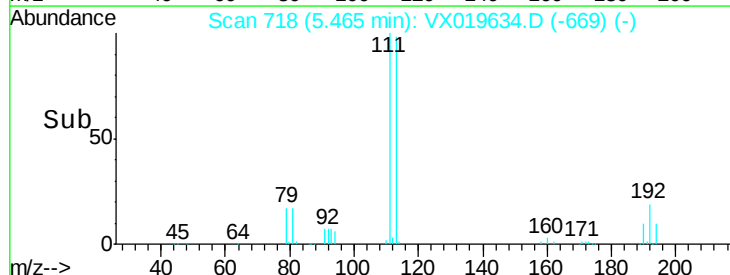
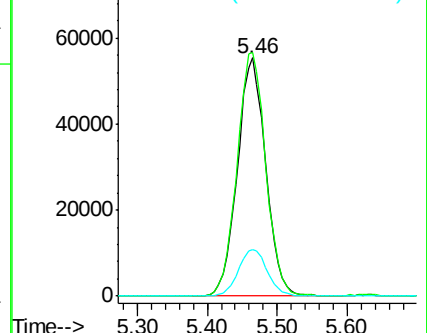
192 20.1 16.2 24.2

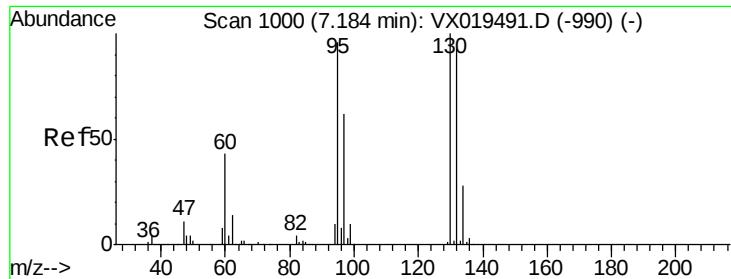


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.036 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019634.D

Acq: 25 Nov 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

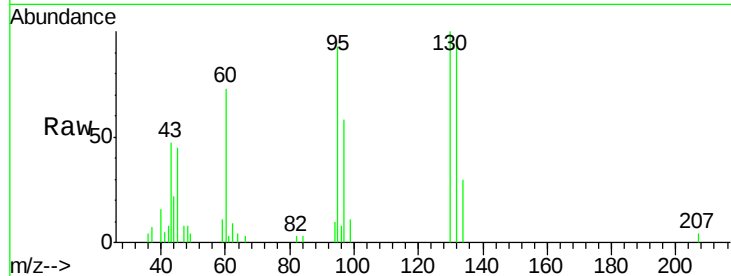
MH-118.5N-20201119

Tot Ion:130 Resp: 4063

Ion Ratio Lower Upper

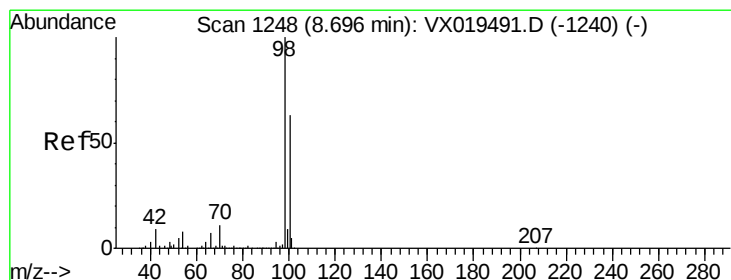
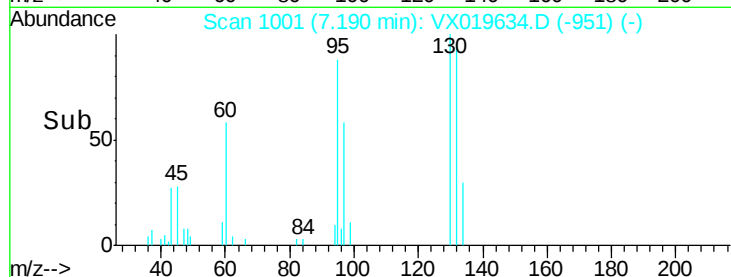
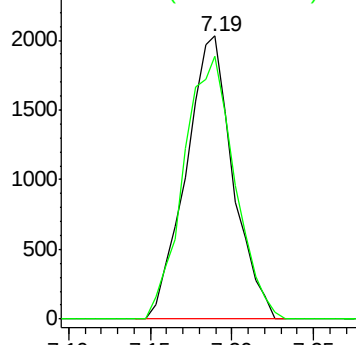
130 100

95 93.1 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.407 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019634.D

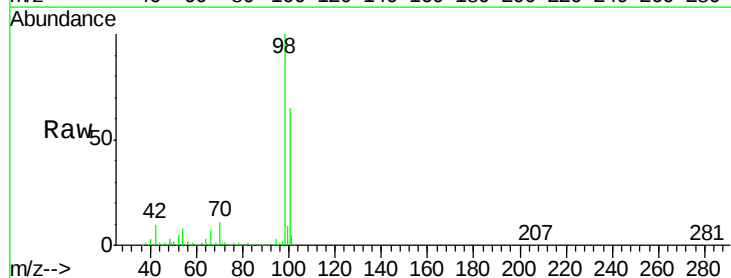
Acq: 25 Nov 2020 03:09

Tgt Ion: 98 Resp: 626550

Ion Ratio Lower Upper

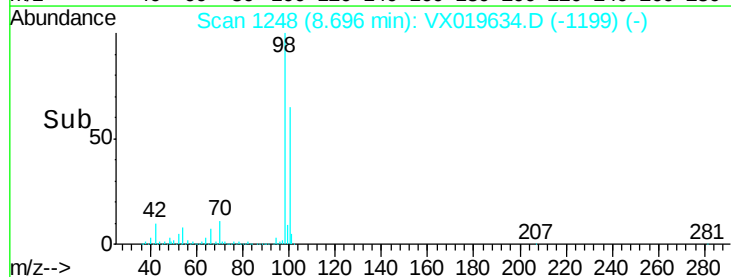
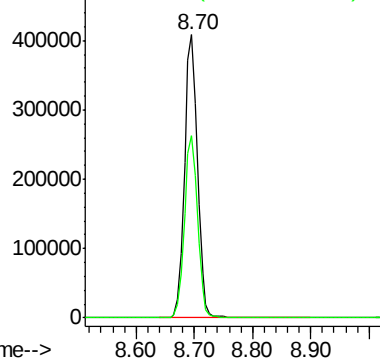
98 100

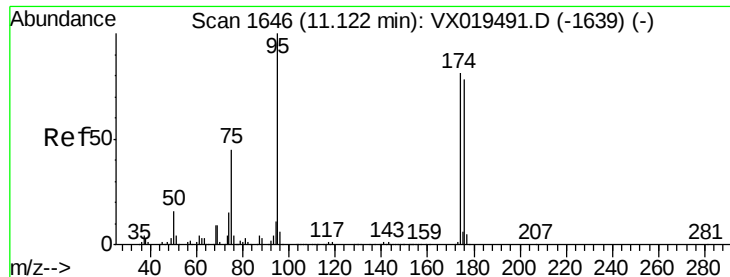
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.685 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019634.D

Acq: 25 Nov 2020 03:09

Instrument :

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ClientSampleId :

MH-118.5N-20201119

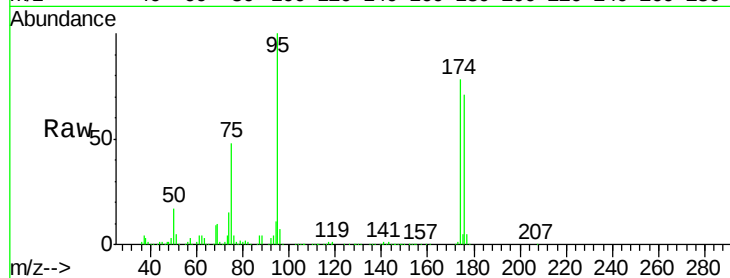
Tot Ion: 95 Resp: 208444

Ion Ratio Lower Upper

95 100

174 77.7 0.0 156.2

176 71.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)

11.12

200000

150000

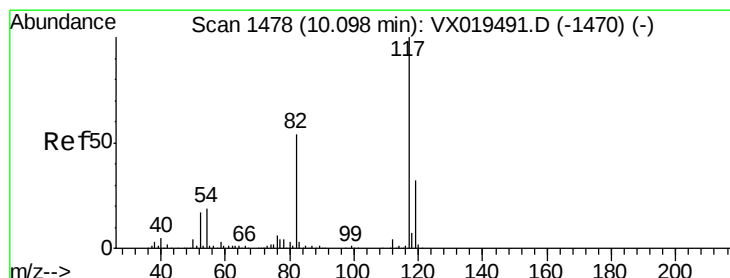
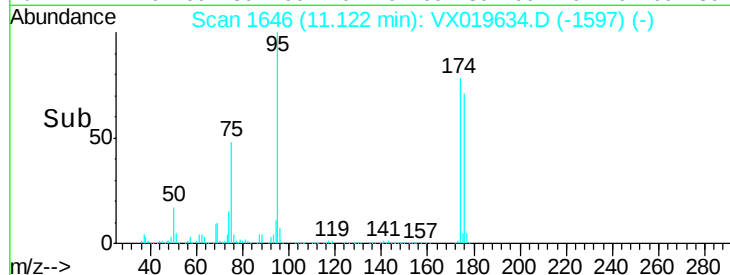
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019634.D

Acq: 25 Nov 2020 03:09

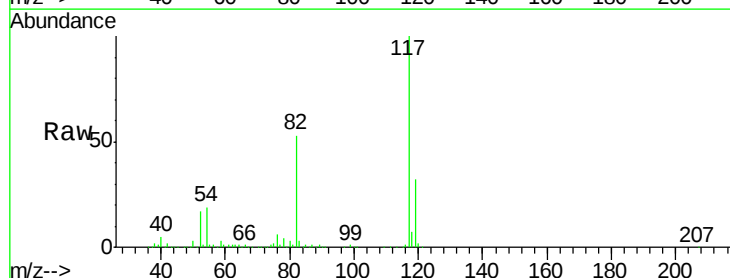
Tgt Ion: 117 Resp: 464231

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)

10.10

400000

300000

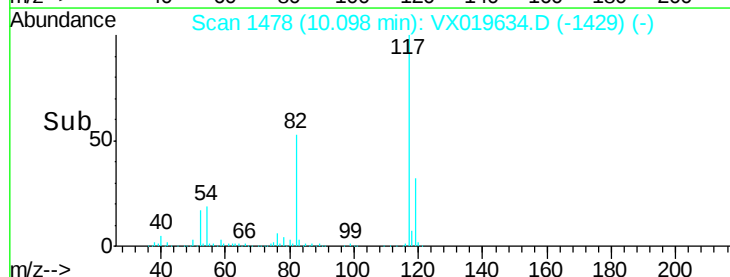
200000

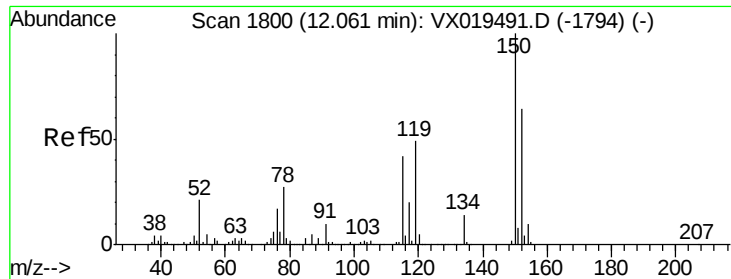
100000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019634.D

Acq: 25 Nov 2020 03:09

Instrument :

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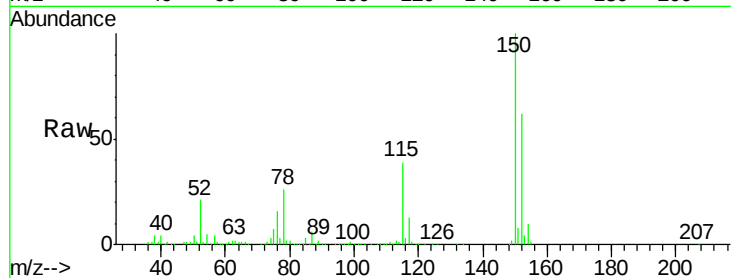
Tot Ion:152 Resp: 180279

Ion Ratio Lower Upper

152 100

115 59.6 41.8 125.4

150 157.5 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

