

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019632.D
 Acq On : 25 Nov 2020 02:22
 Operator : JC/MD
 Sample : L4835-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20201119

Quant Time: Nov 25 06:52:42 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	309868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	506101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	192347	47.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.74%		
35) Dibromofluoromethane	5.46	113	151242	47.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.22%		
50) Toluene-d8	8.70	98	605065	49.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.02%		
62) 4-Bromofluorobenzene	11.12	95	204558	46.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.12%		

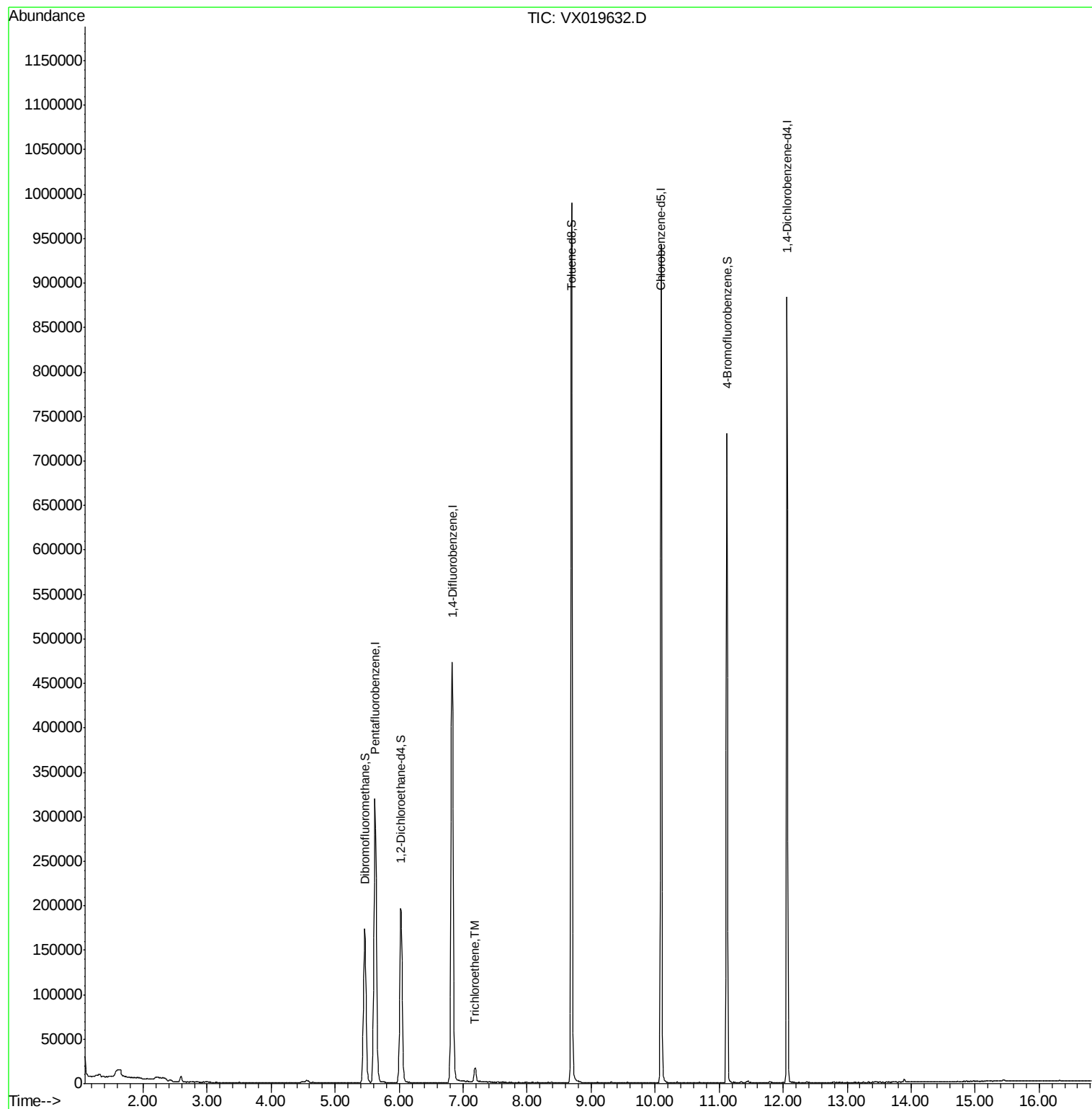
Target Compounds					Qvalue
44) Trichloroethene	7.19	130	5586	1.463 ug/l	96

(#) = 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: VX019632.D

Acq: 25 Nov 2020 02:22

Instrument :

MSVOA_X

ClientSampleId :

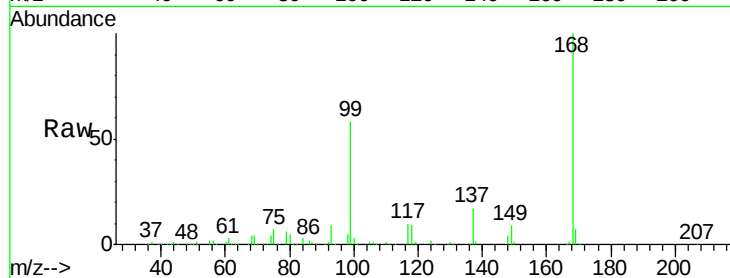
MH-117N-20201119

Tot Ion:168 Resp: 309868

Ion Ratio Lower Upper

168 100

99 58.1 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

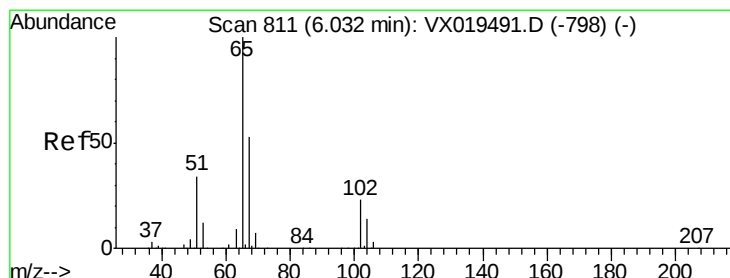
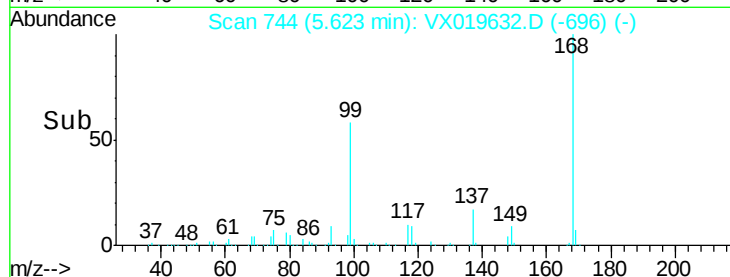
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.875 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019632.D

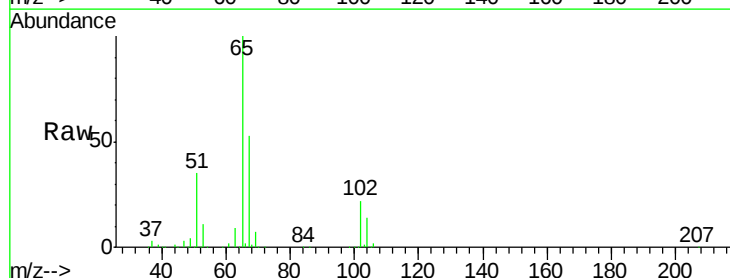
Acq: 25 Nov 2020 02:22

Tgt Ion: 65 Resp: 192347

Ion Ratio Lower Upper

65 100

67 52.4 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

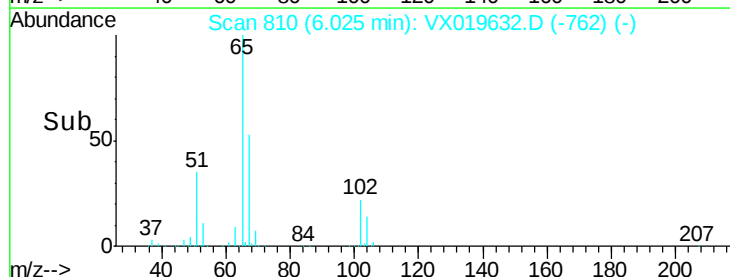
60000

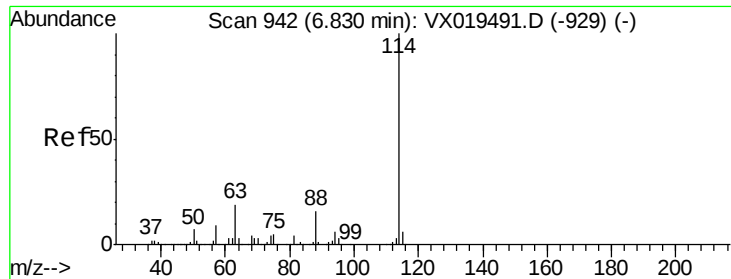
40000

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: VX019632.D

Acq: 25 Nov 2020 02:22

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20201119

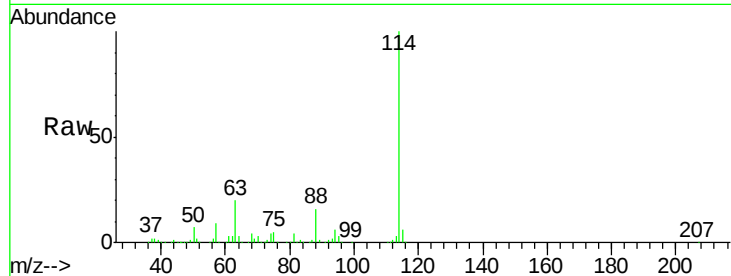
Tot Ion:114 Resp: 506101

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

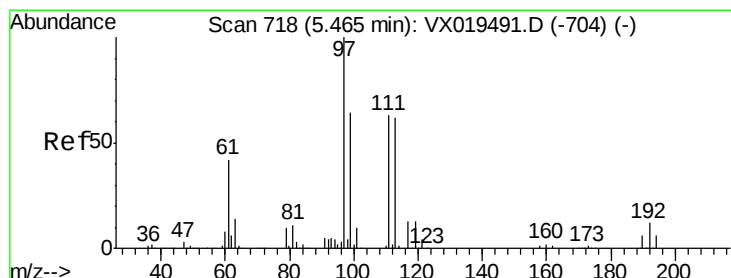
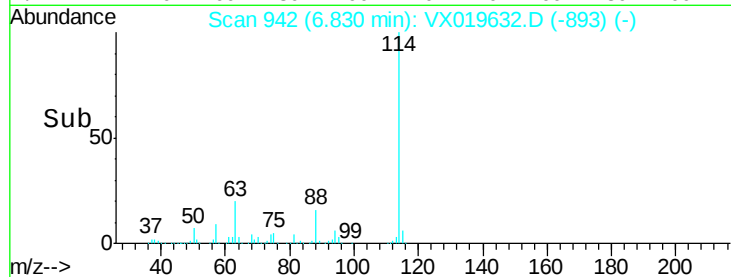
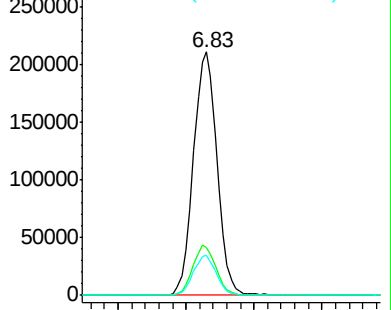
88 16.2 0.0 31.6



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: 47.608 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019632.D

Acq: 25 Nov 2020 02:22

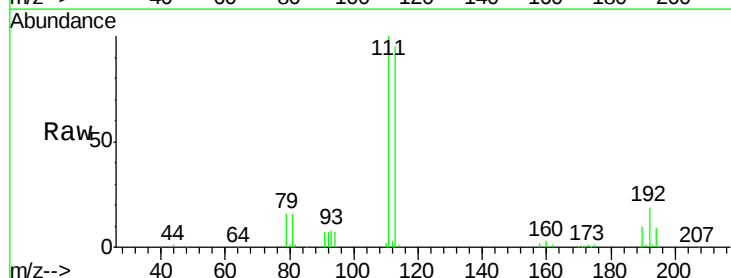
Tgt Ion:113 Resp: 151242

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

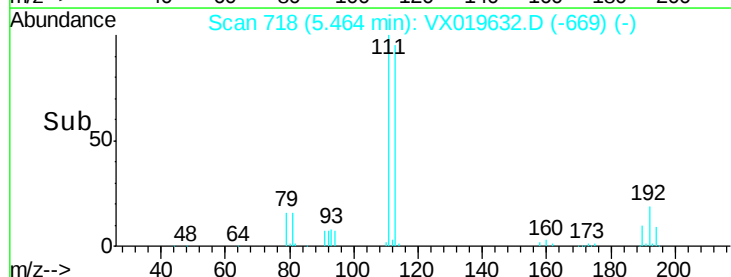
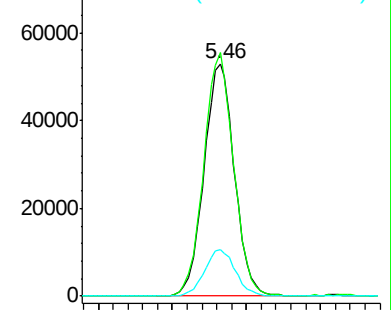
192 20.3 16.2 24.2

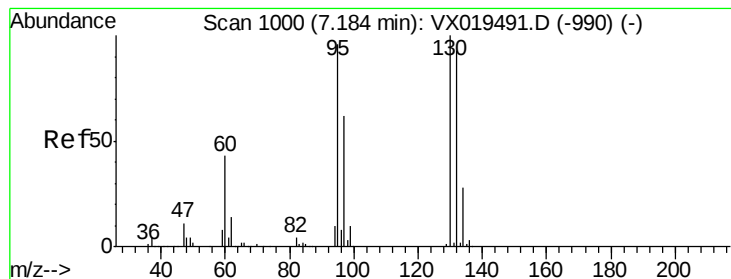


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.463 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019632.D

Acq: 25 Nov 2020 02:22

Instrument :

MSVOA_X

ClientSampleId :

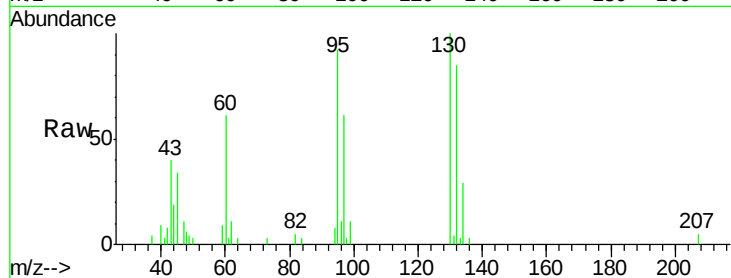
MH-117N-20201119

Tot Ion:130 Resp: 5586

Ion Ratio Lower Upper

130 100

95 91.6 0.0 191.2



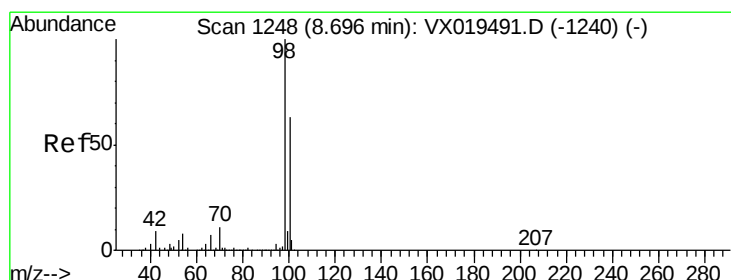
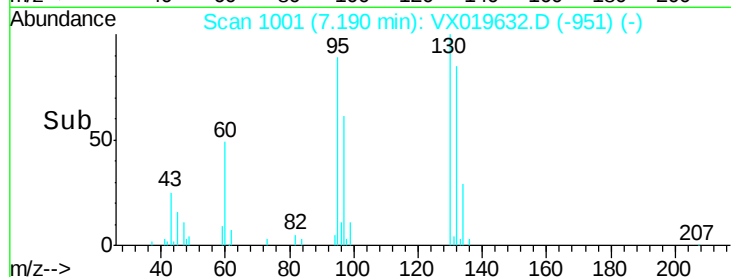
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

Time-->

7.10 7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.014 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019632.D

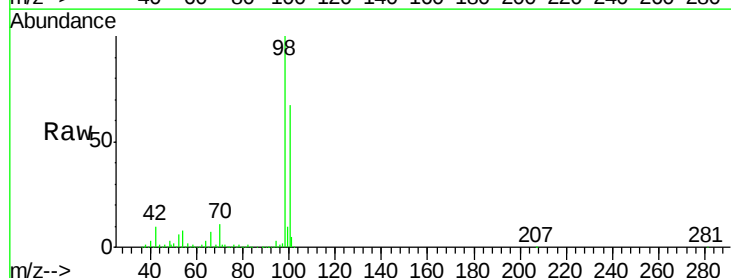
Acq: 25 Nov 2020 02:22

Tgt Ion: 98 Resp: 605065

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



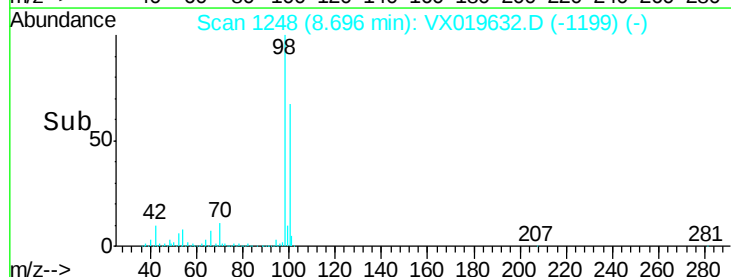
Abundance Ion 98.00 (97.70 to 98.70): VX0

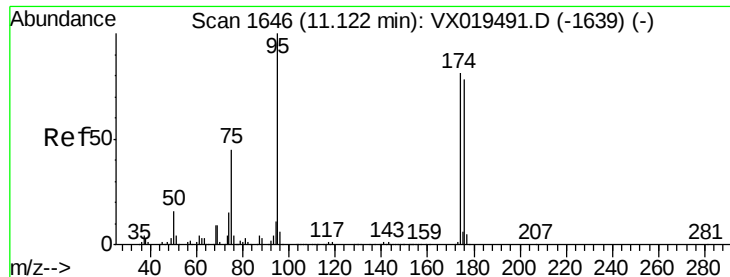
Ion 100.00 (99.70 to 100.70): VX0

8.70

Time-->

8.60 8.70 8.80 8.90

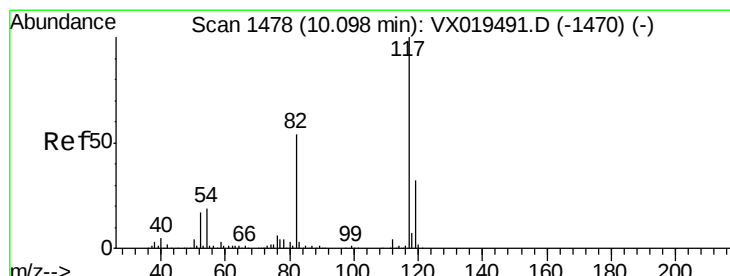
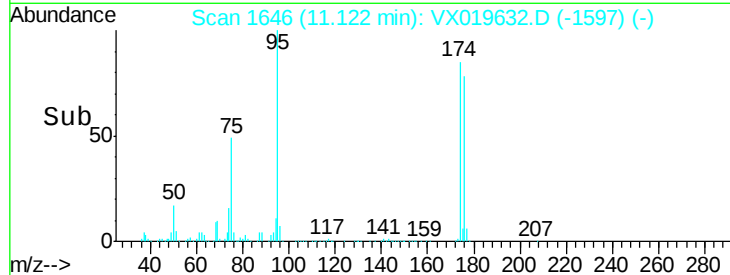
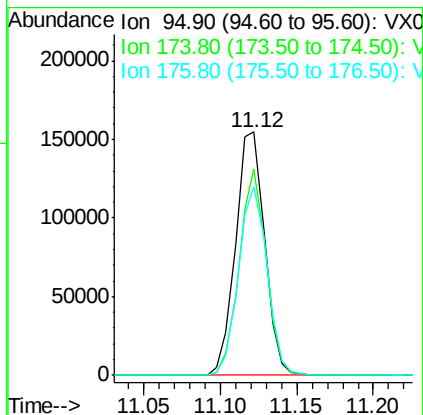
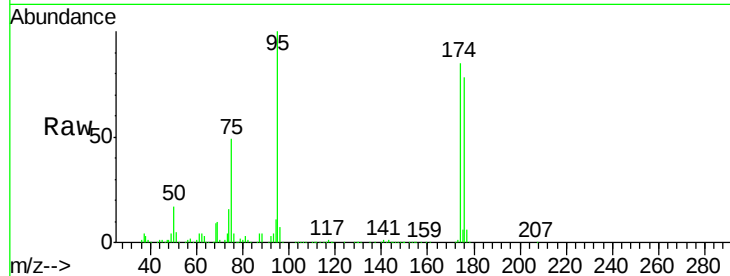




#62
 4-Bromofluorobenzene
 Concen: 46.056 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019632.D
 Acq: 25 Nov 2020 02:22

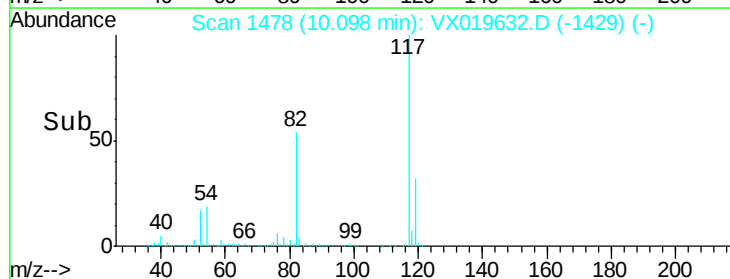
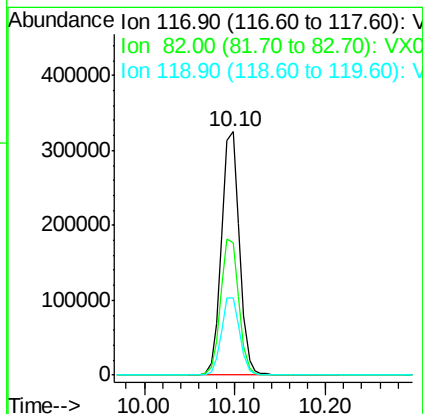
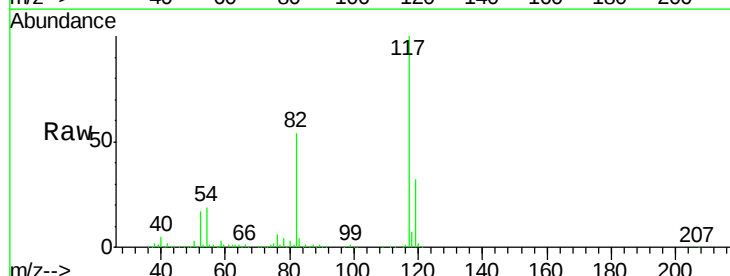
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20201119

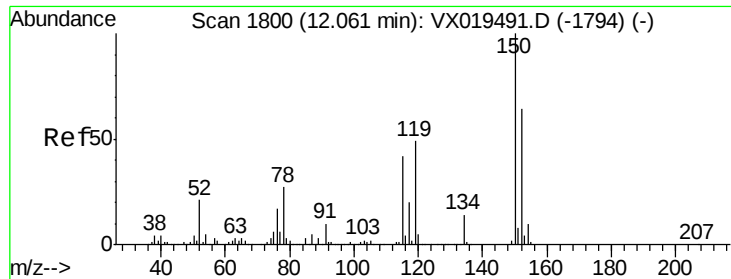
Tot Ion: 95 Resp: 204558
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 156.2
 176 76.2 0.0 151.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX019632.D
 Acq: 25 Nov 2020 02:22

Tgt Ion: 117 Resp: 449439
 Ion Ratio Lower Upper
 117 100
 82 54.1 43.0 64.4
 119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019632.D

Acq: 25 Nov 2020 02:22

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20201119

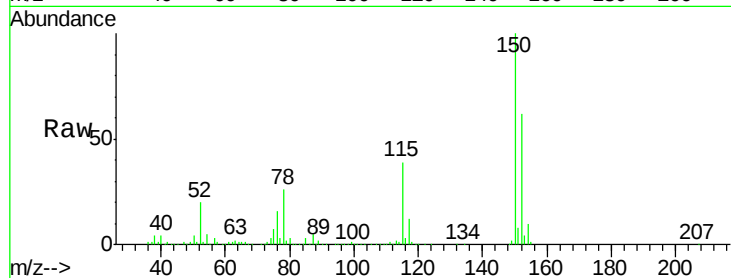
Tot Ion:152 Resp: 179470

Ion Ratio Lower Upper

152 100

115 60.3 41.8 125.4

150 156.6 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

