

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019832.D
 Acq On : 10 Dec 2020 17:50
 Operator : JC/MD
 Sample : L4996-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20201208

Quant Time: Dec 11 02:09:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	302907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	509869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195018	48.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.98%		
35) Dibromofluoromethane	5.46	113	158030	47.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.92%		
50) Toluene-d8	8.70	98	617559	49.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.18%		
62) 4-Bromofluorobenzene	11.12	95	212235	44.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.64%		

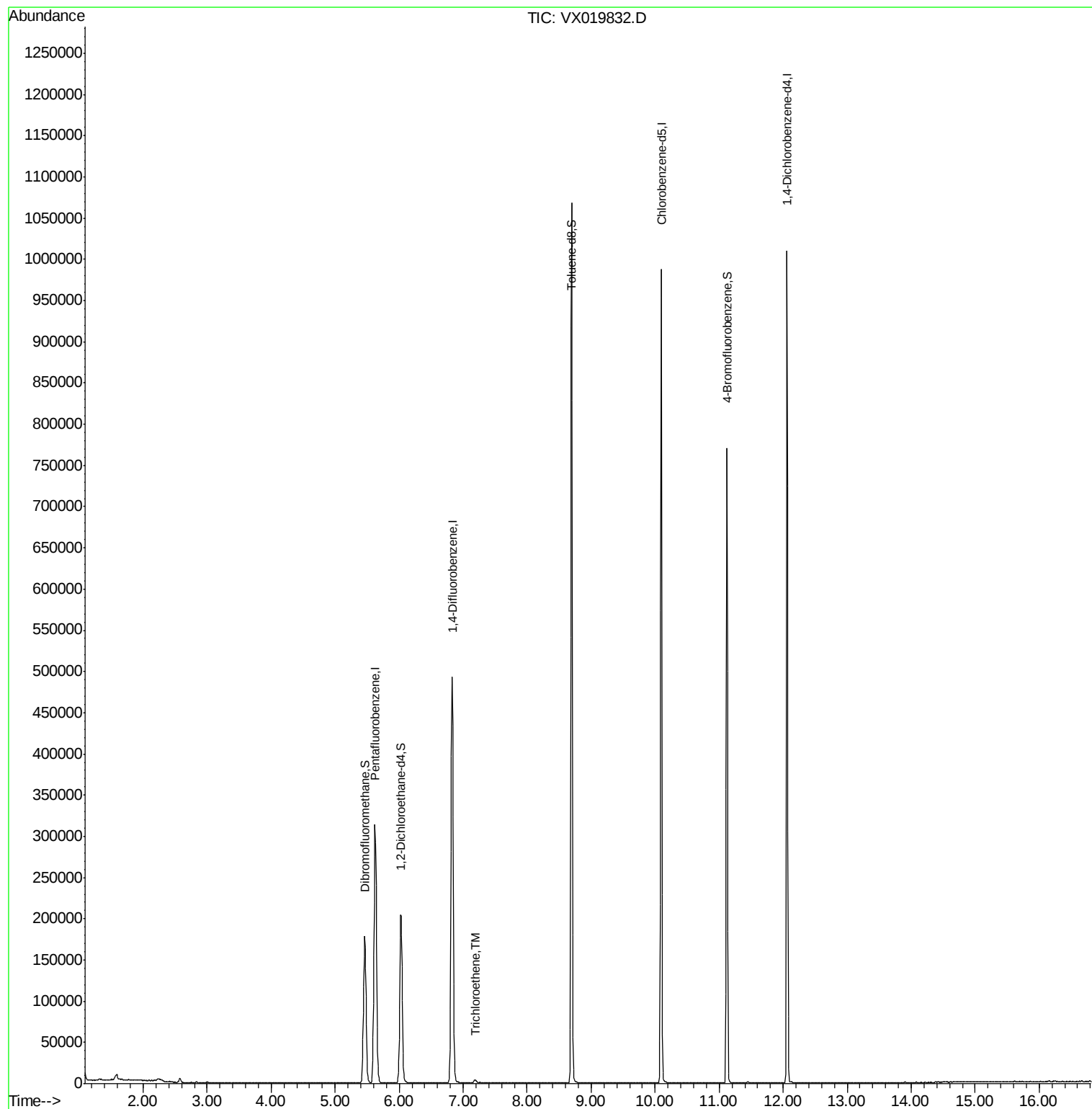
Target Compounds					Qvalue
44) Trichloroethene	7.19	130	1272	0.344 ug/l	82

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

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Acq: 10 Dec 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

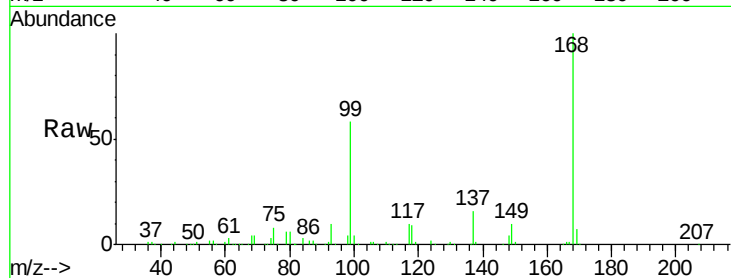
RE117D2-20201208

Tot Ion:168 Resp: 302907

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

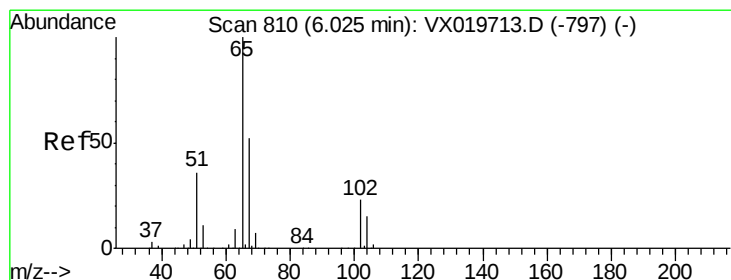
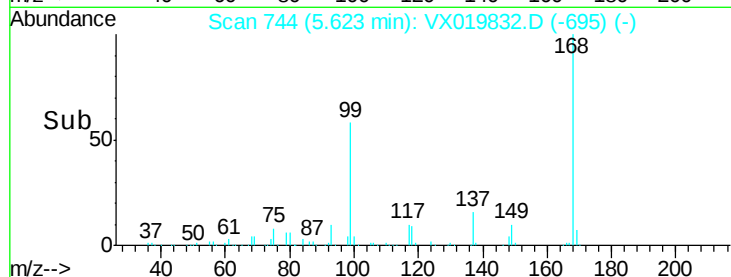
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.986 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019832.D

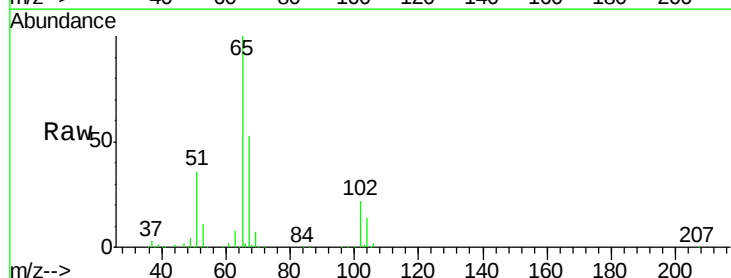
Acq: 10 Dec 2020 17:50

Tgt Ion: 65 Resp: 195018

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

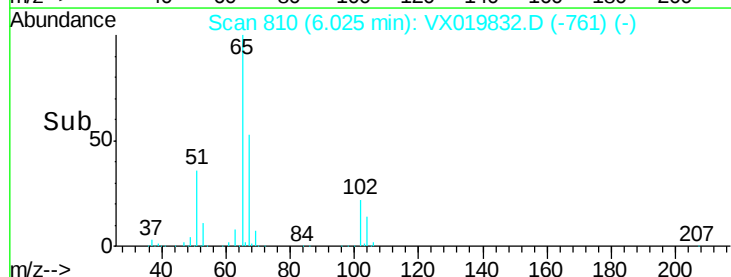
60000

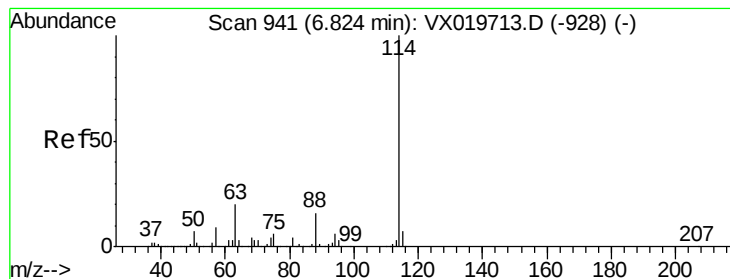
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019832.D

Acq: 10 Dec 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20201208

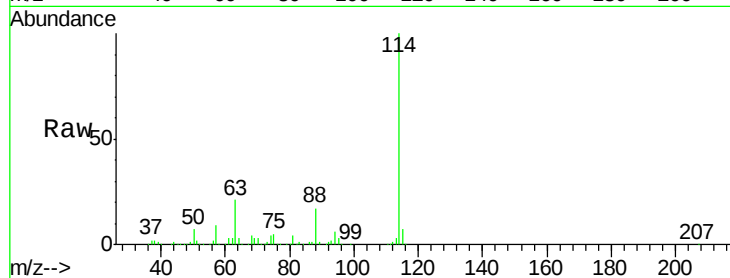
Tot Ion:114 Resp: 509869

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

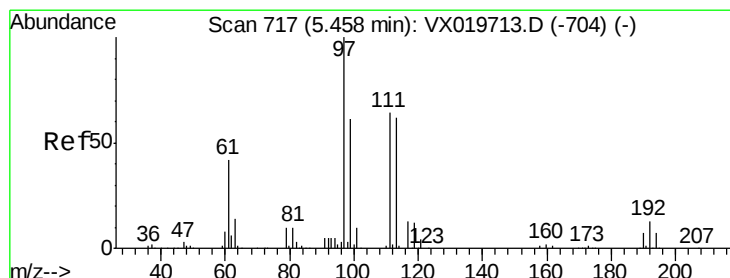
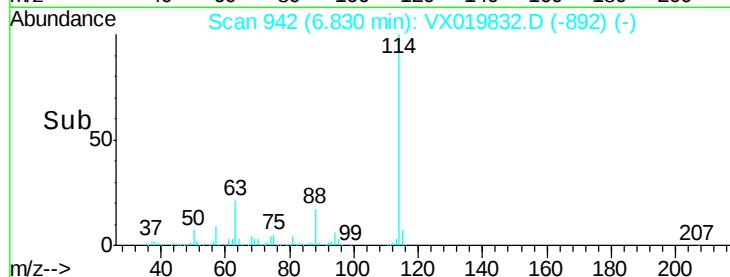
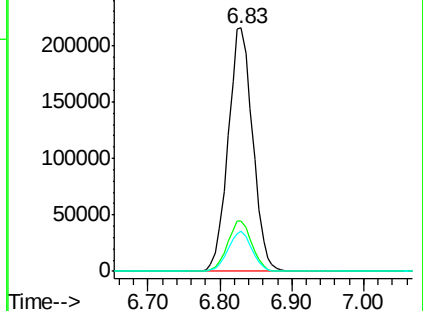
88 16.5 0.0 32.8



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: 47.958 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019832.D

Acq: 10 Dec 2020 17:50

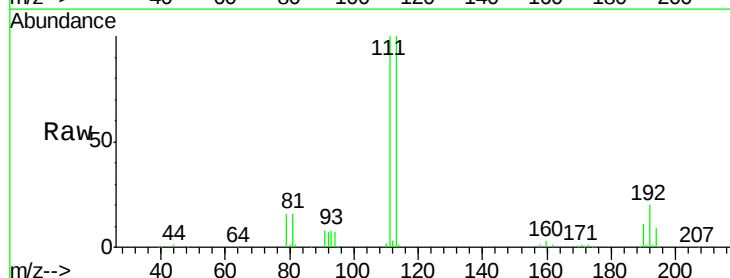
Tgt Ion:113 Resp: 158030

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

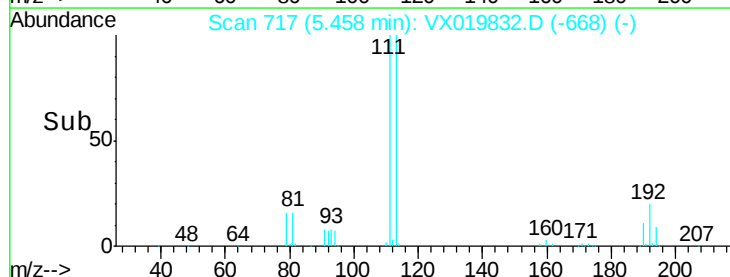
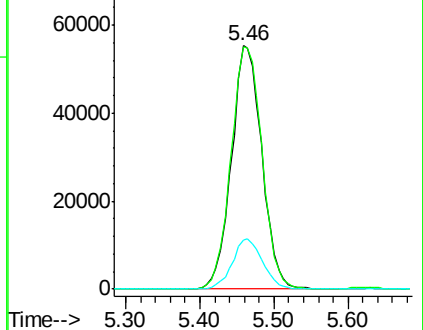
192 20.6 16.7 25.1

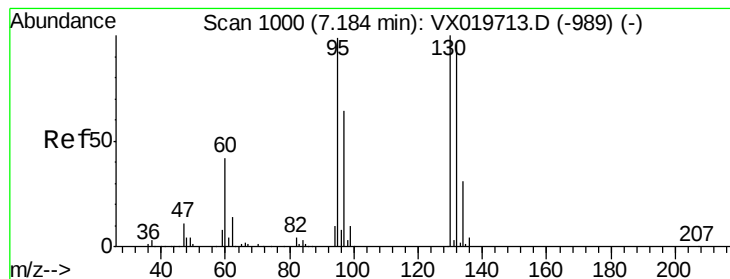


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.344 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019832.D

Acq: 10 Dec 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

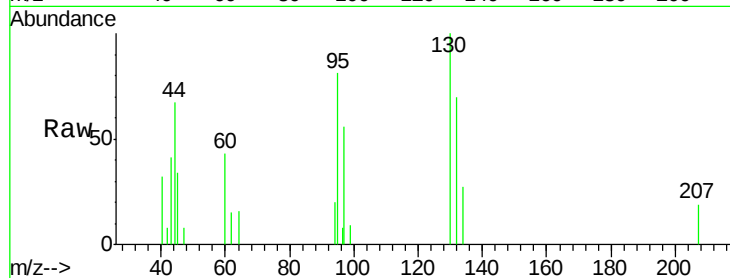
RE117D2-20201208

Tot Ion:130 Resp: 1272

Ion Ratio Lower Upper

130 100

95 81.3 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

800

600

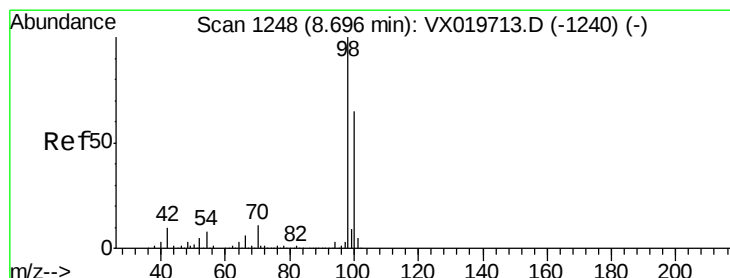
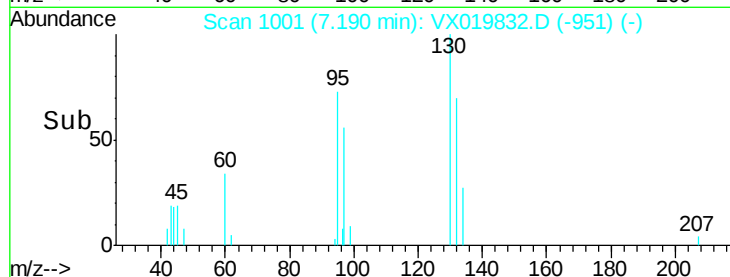
400

200

0

Time-->

7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.090 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019832.D

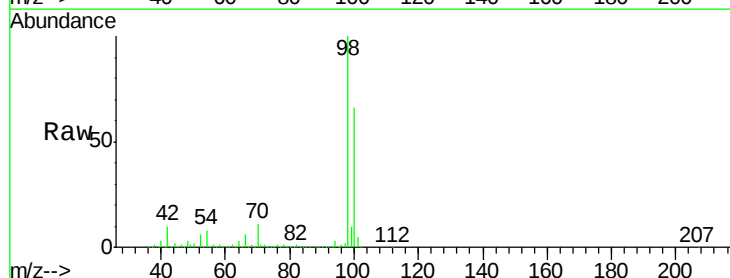
Acq: 10 Dec 2020 17:50

Tgt Ion: 98 Resp: 617559

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

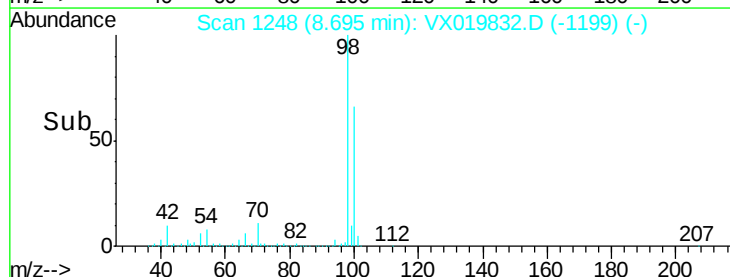
200000

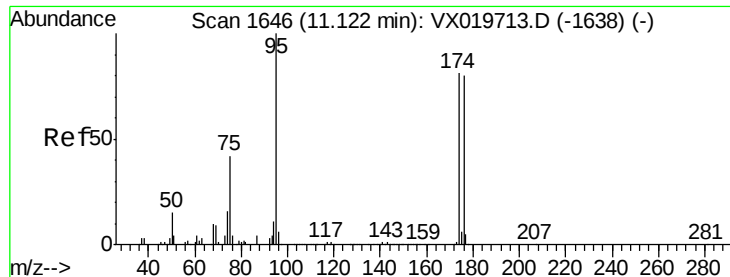
100000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 44.325 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019832.D

Acq: 10 Dec 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20201208

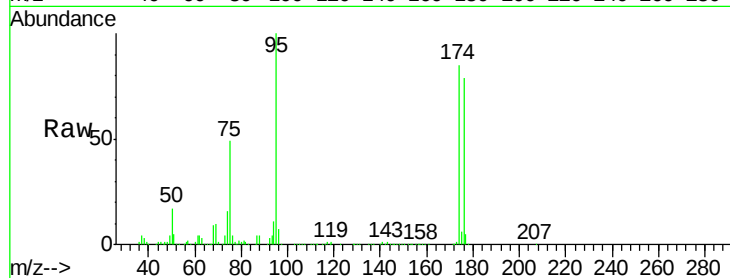
Tot Ion: 95 Resp: 212235

Ion Ratio Lower Upper

95 100

174 78.3 0.0 154.6

176 77.0 0.0 155.8

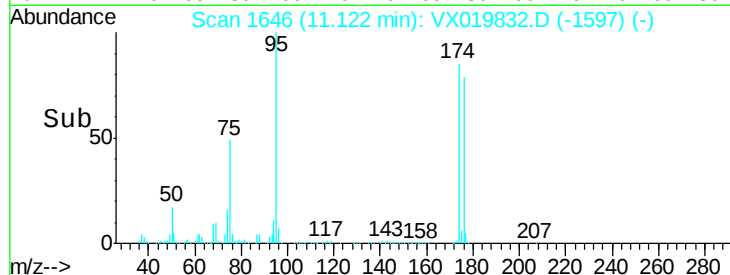


Abundance Ion 94.90 (94.60 to 95.60): VX0

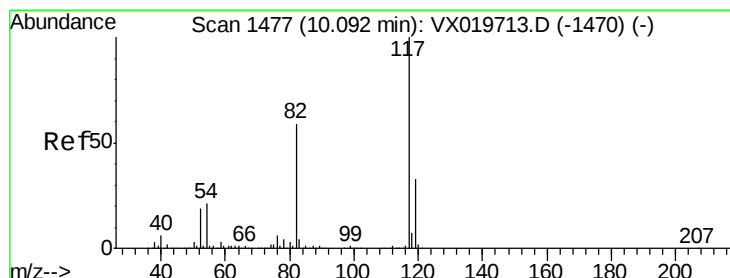
Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019832.D

Acq: 10 Dec 2020 17:50

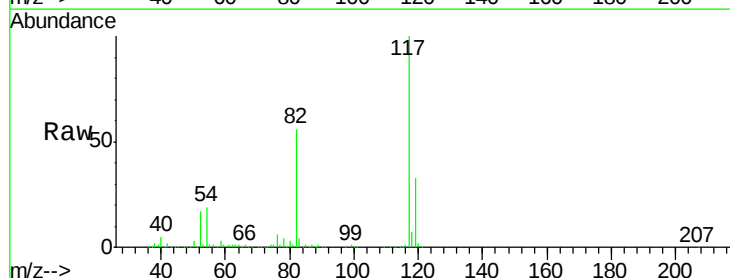
Tgt Ion: 117 Resp: 464624

Ion Ratio Lower Upper

117 100

82 55.7 47.4 71.2

119 32.7 26.6 39.8

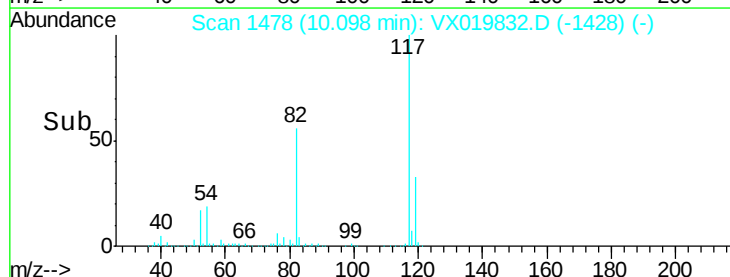


Abundance Ion 116.90 (116.60 to 117.60): VX0

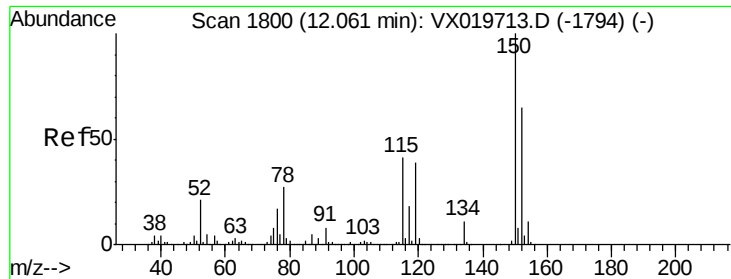
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

Time-->



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: VX019832.D

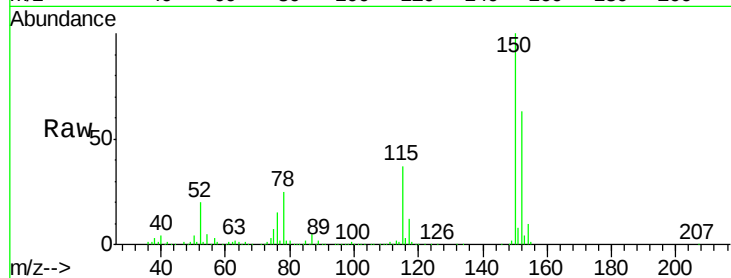
Acq: 10 Dec 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20201208



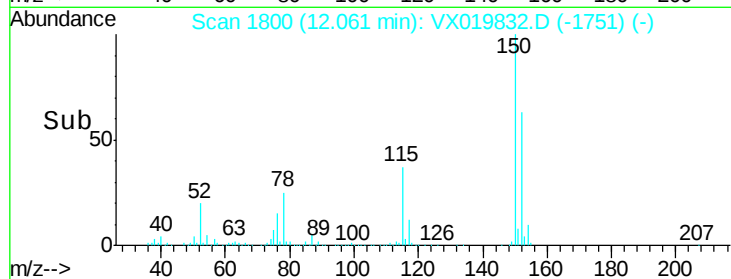
Tot Ion:152 Resp: 201794

Ion Ratio Lower Upper

152 100

115 59.4 41.1 123.3

150 158.4 0.0 349.0



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

