

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019725.D
 Acq On : 04 Dec 2020 18:31
 Operator : JC/MD
 Sample : L4959-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 05 04:27:19 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	5.63	168	336602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	501462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	209424	47.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.68%
35) Dibromofluoromethane	5.46	113	168112	47.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.76%
50) Toluene-d8	8.70	98	662313	48.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.80%
62) 4-Bromofluorobenzene	11.12	95	232360	45.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.14%

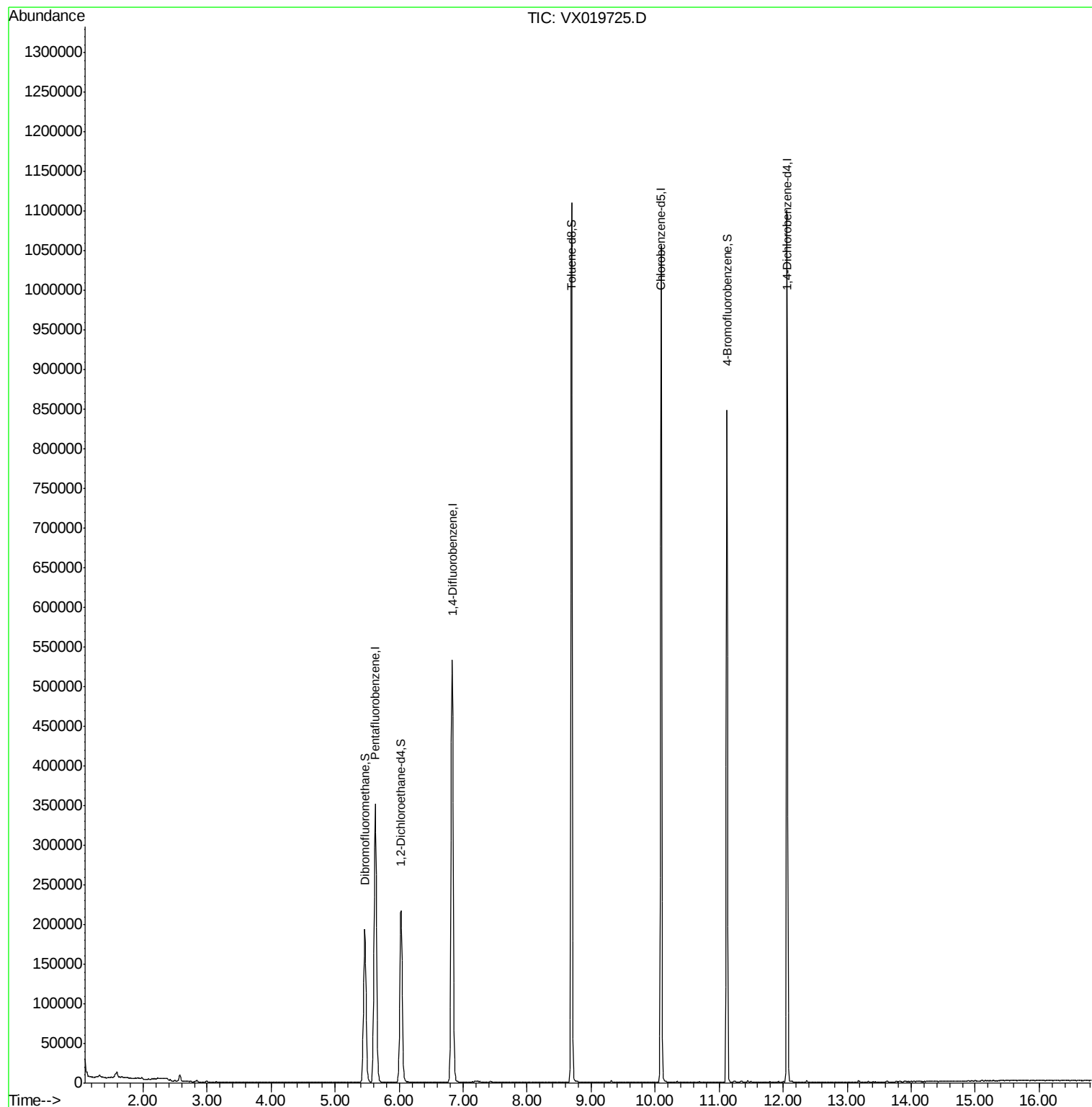
Target Compounds	Qvalue
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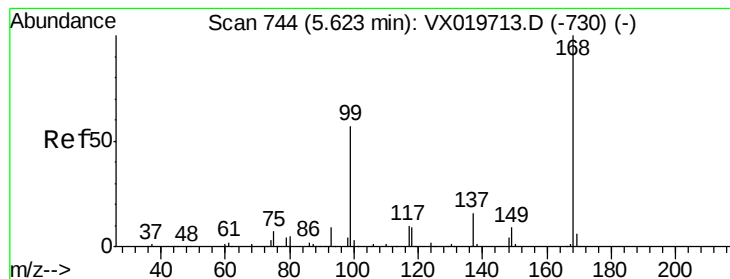
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019725.D

Acq: 04 Dec 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

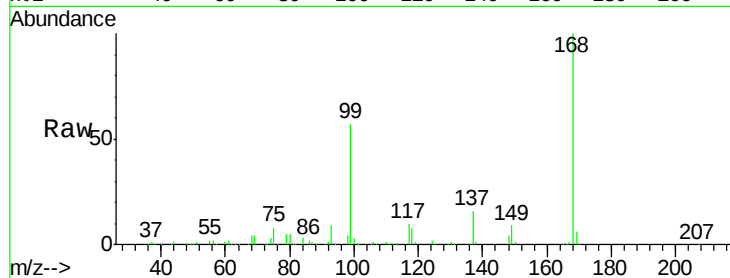
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 336602

Ion Ratio Lower Upper

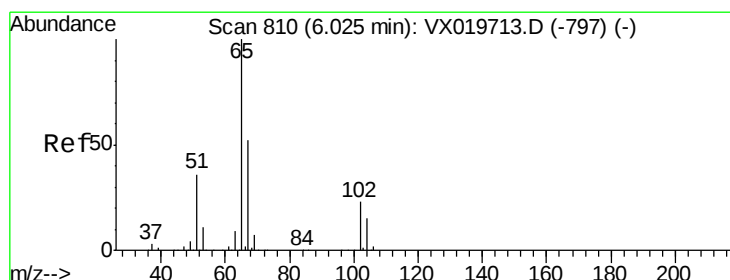
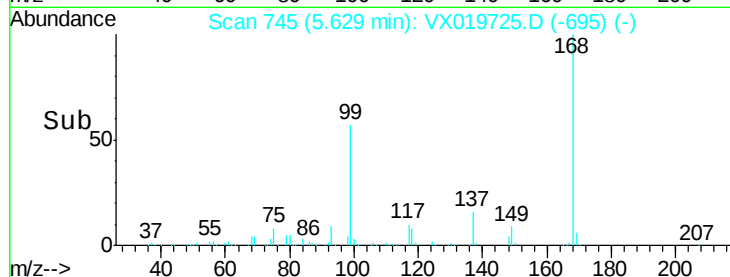
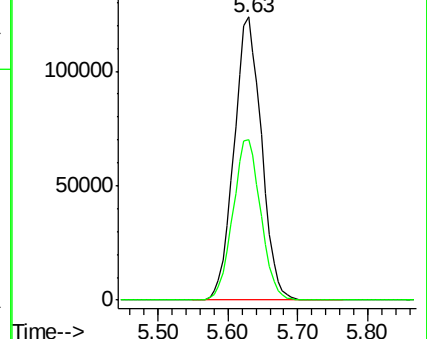
168 100

99 56.7 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: 47.339 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019725.D

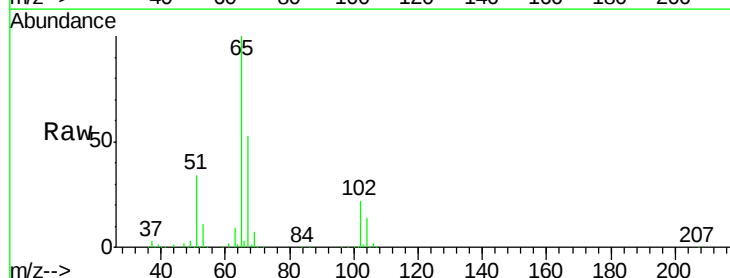
Acq: 04 Dec 2020 18:31

Tgt Ion: 65 Resp: 209424

Ion Ratio Lower Upper

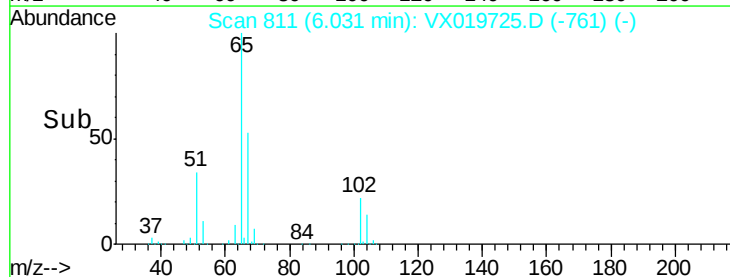
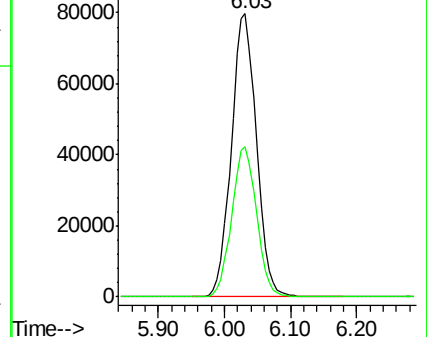
65 100

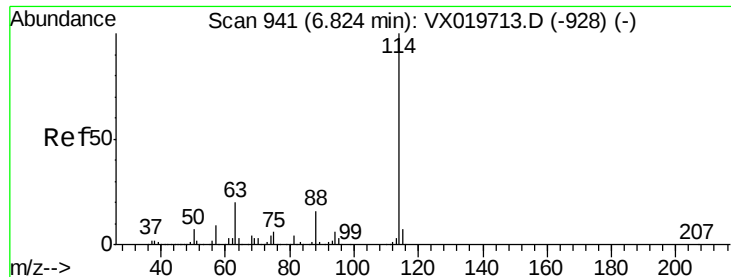
67 52.5 0.0 105.4



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. 0.01 min

Lab File: VX019725.D

Acq: 04 Dec 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

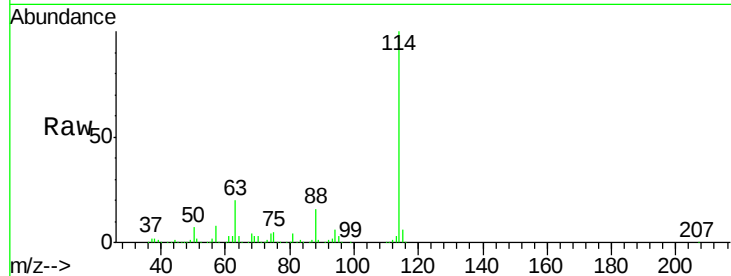
Tot Ion:114 Resp: 548958

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.7 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

300000

250000

200000

150000

100000

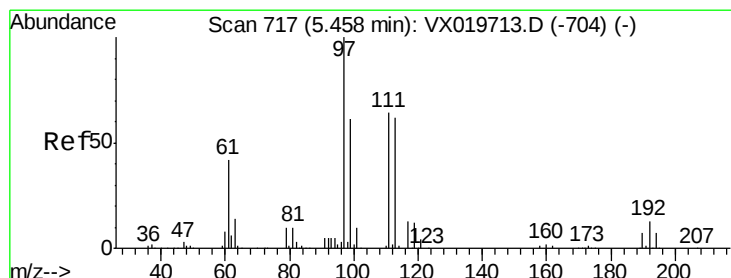
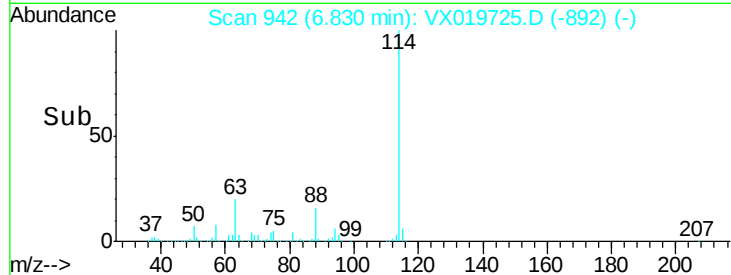
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 47.384 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019725.D

Acq: 04 Dec 2020 18:31

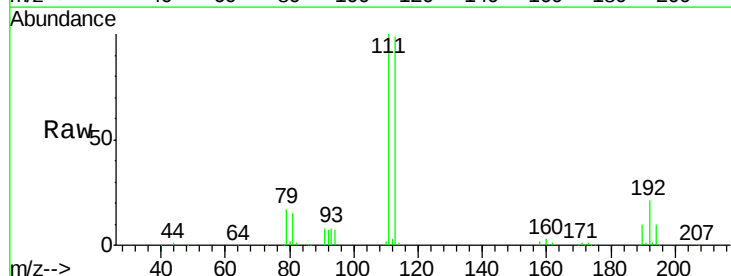
Tgt Ion:113 Resp: 168112

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 20.2 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

80000

60000

40000

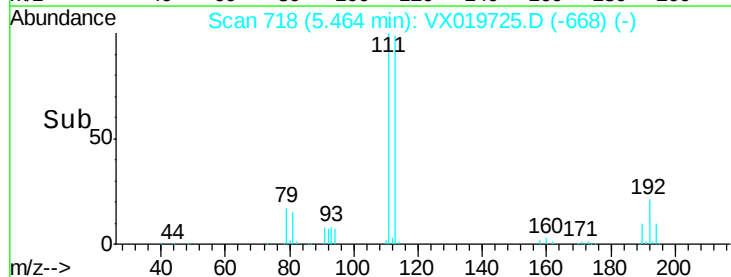
20000

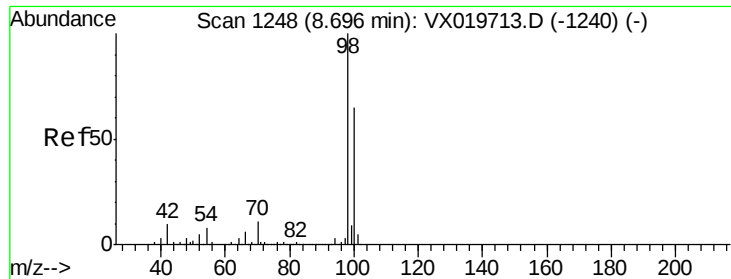
0

5.46

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 48.898 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019725.D

Acq: 04 Dec 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

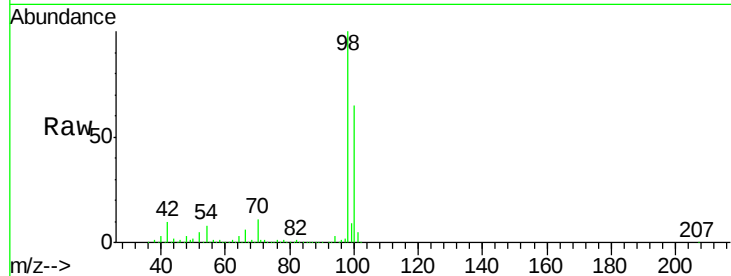
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 662313

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

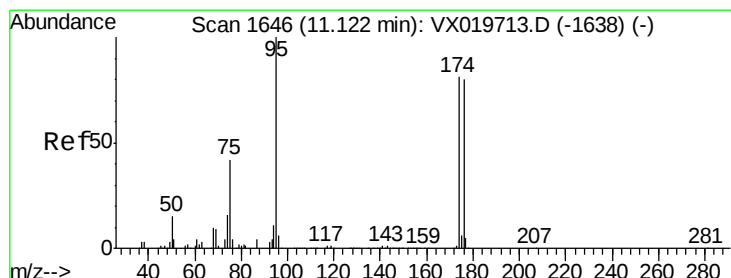
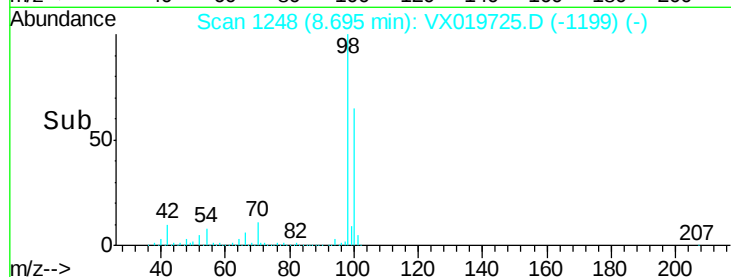
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.072 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019725.D

Acq: 04 Dec 2020 18:31

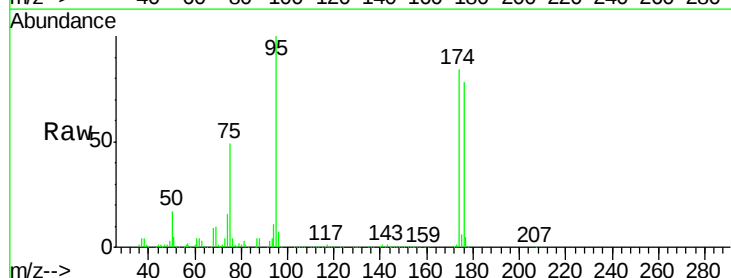
Tgt Ion: 95 Resp: 232360

Ion Ratio Lower Upper

95 100

174 80.3 0.0 154.6

176 76.3 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

11.12

200000

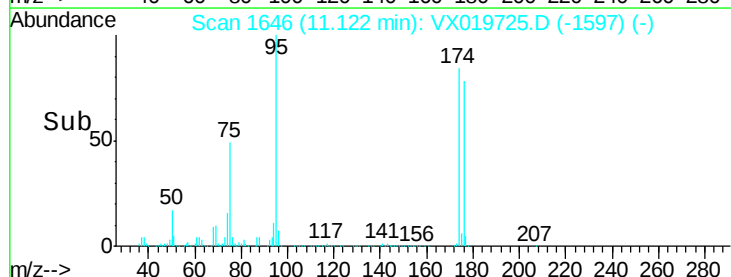
150000

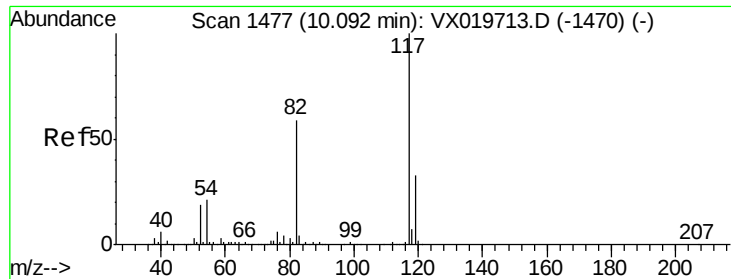
100000

50000

0

Time-->

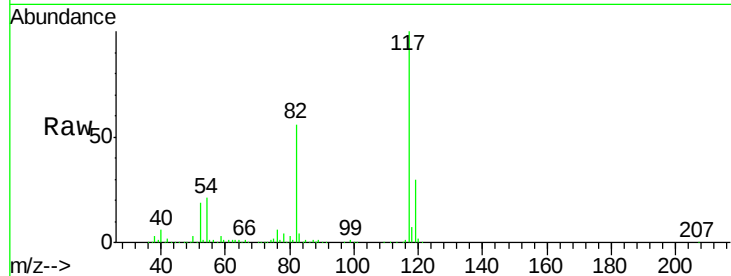




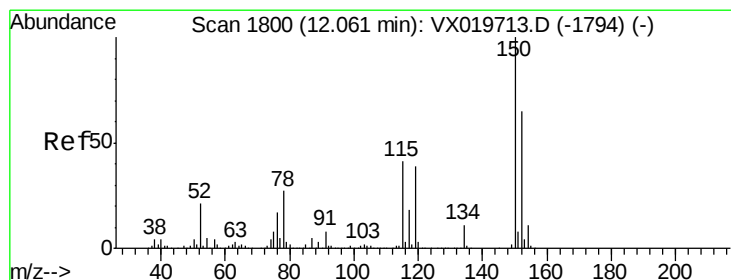
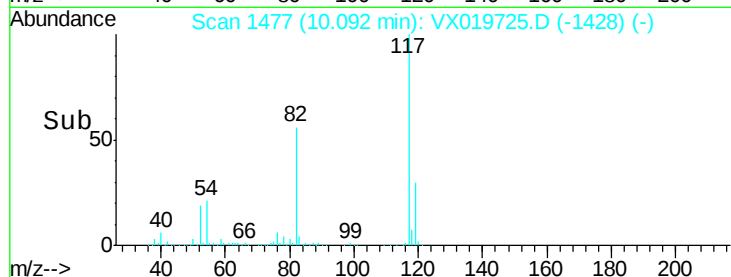
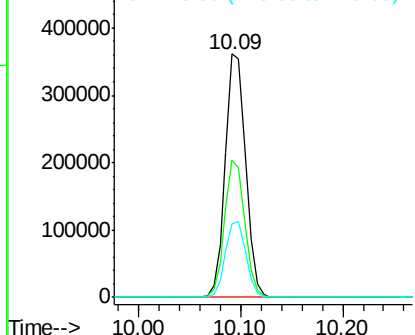
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019725.D
Acq: 04 Dec 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 501462
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 30.3 26.6 39.8

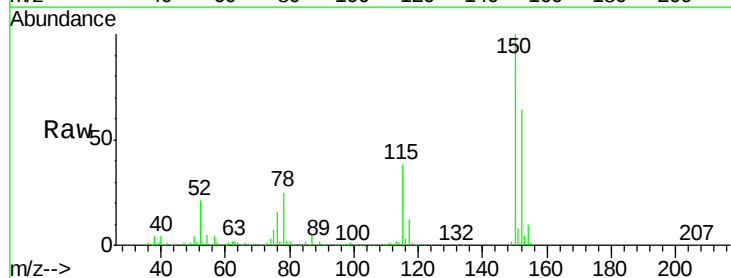


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019725.D
Acq: 04 Dec 2020 18:31

Tgt Ion:152 Resp: 221025
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 158.5 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

