

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019350.D
 Acq On : 06 Nov 2020 18:20
 Operator : JC/MD
 Sample : L4666-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 07 02:52:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	502392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	476400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204069	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	5.46	113	157225	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.70	98	620718	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.12	95	239948	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

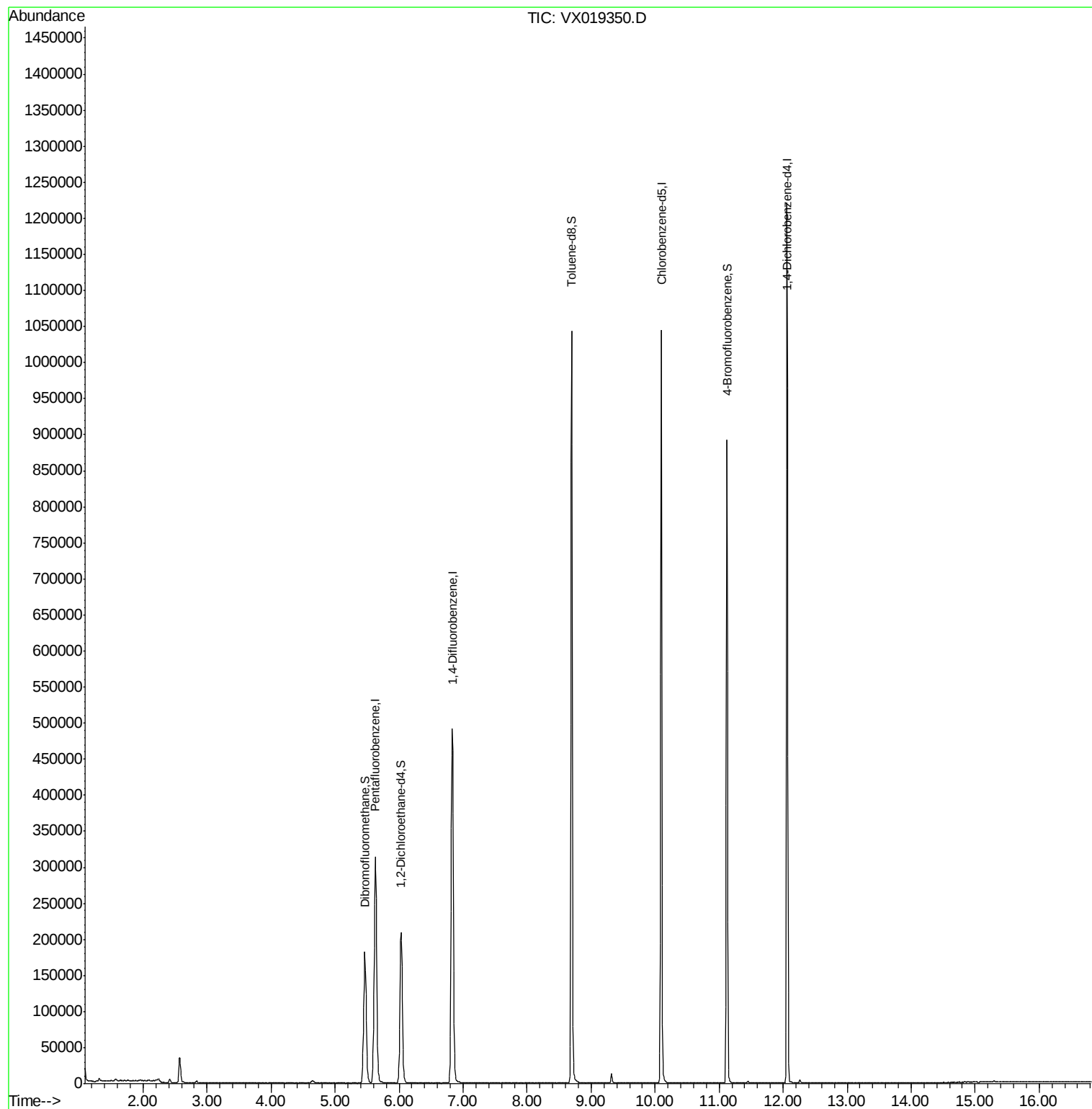
Target Compounds	Qvalue

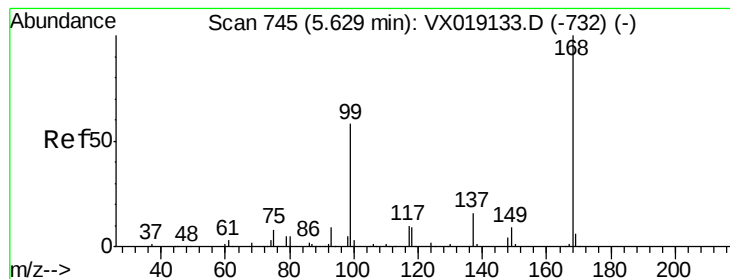
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 13:55:07 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

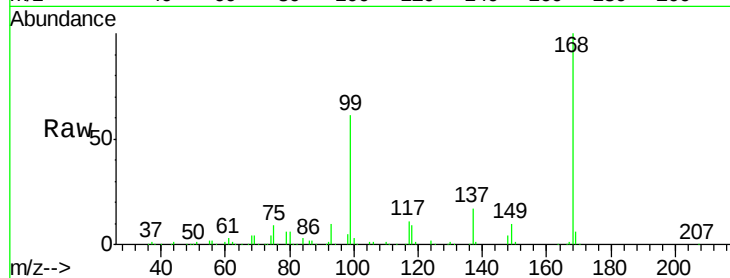
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 288658

Ion Ratio Lower Upper

168 100

99 61.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

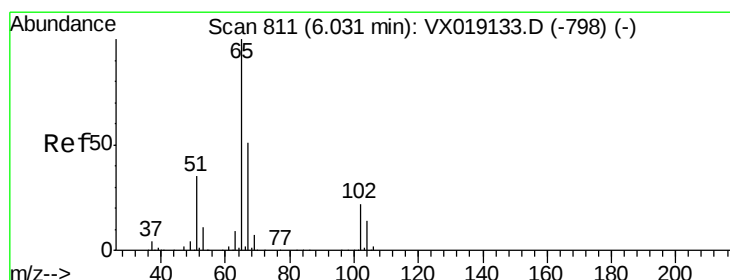
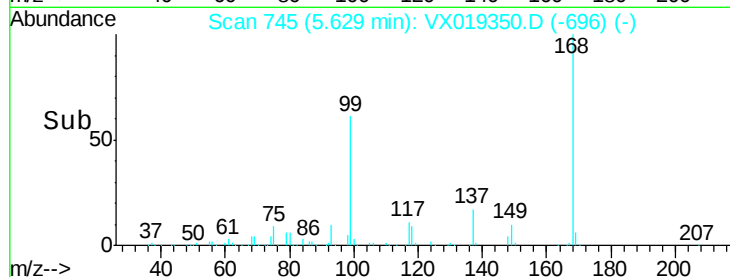
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.819 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019350.D

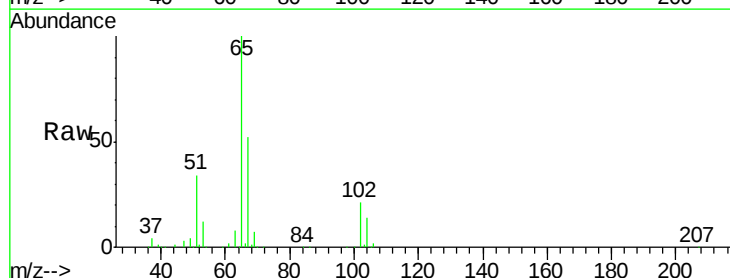
Acq: 06 Nov 2020 18:20

Tgt Ion: 65 Resp: 204069

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

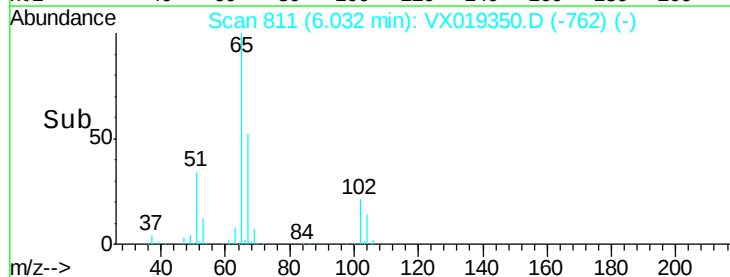
60000

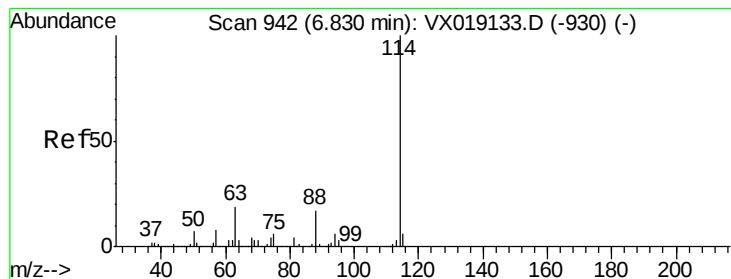
40000

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: VX019350.D

Acq: 06 Nov 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

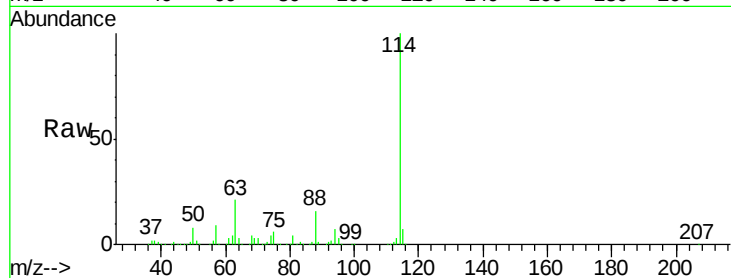
Tot Ion:114 Resp: 502392

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

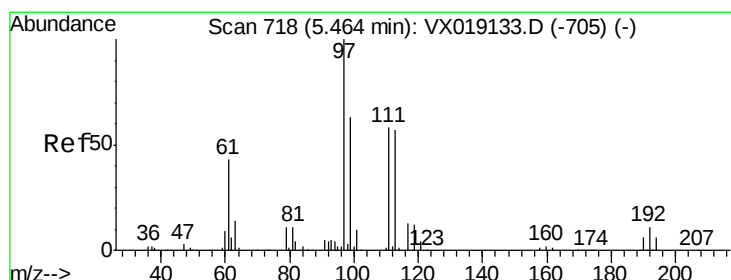
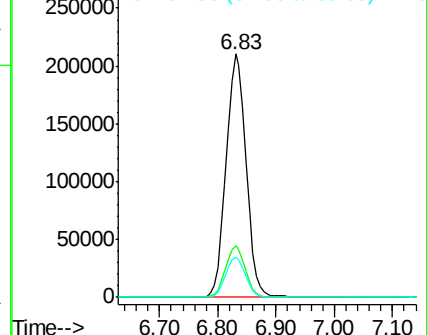
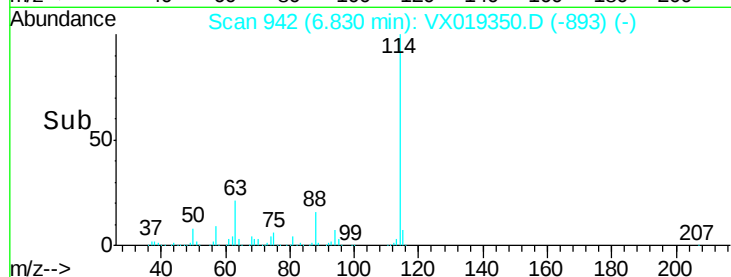
88 16.5 0.0 34.2



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: 49.822 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019350.D

Acq: 06 Nov 2020 18:20

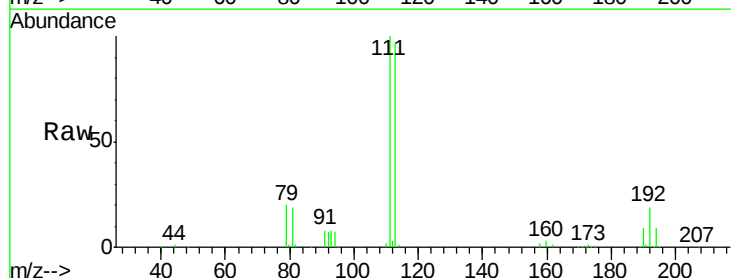
Tgt Ion:113 Resp: 157225

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

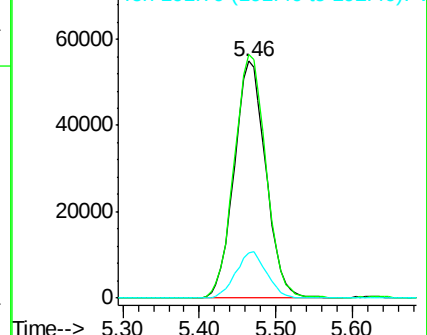
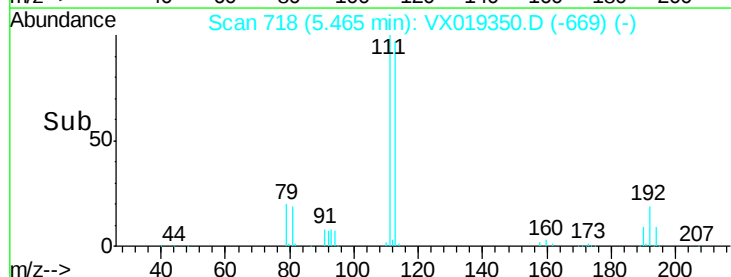
192 19.3 16.2 24.2

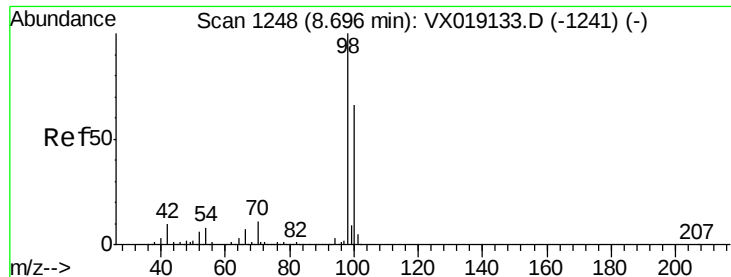


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.179 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019350.D

Acq: 06 Nov 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

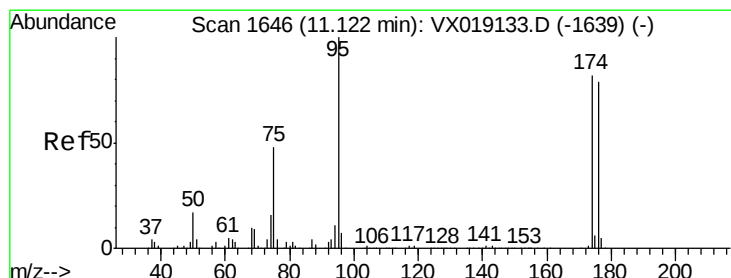
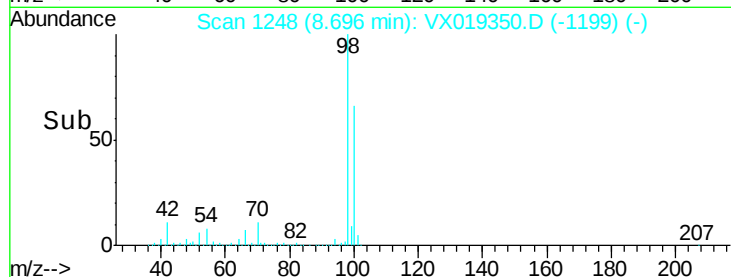
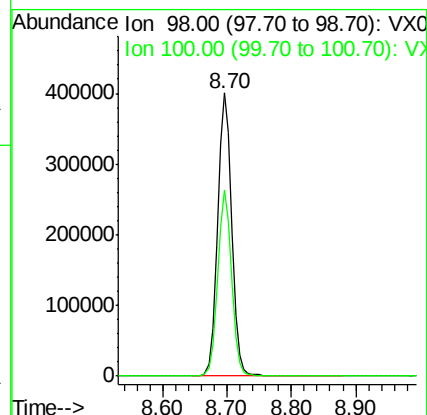
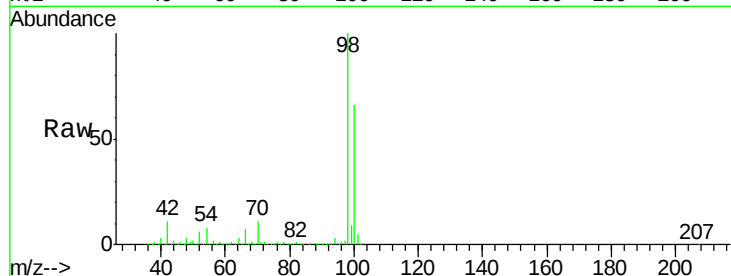
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 620718

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.262 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019350.D

Acq: 06 Nov 2020 18:20

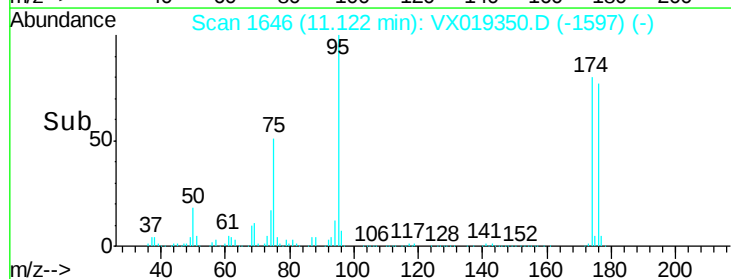
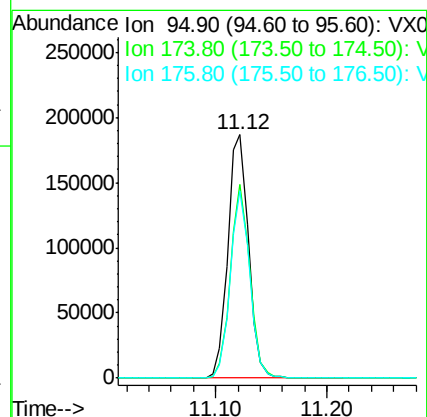
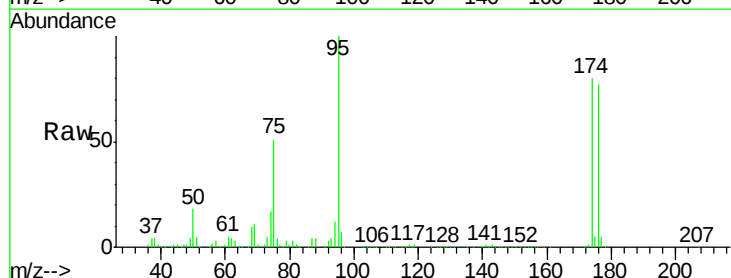
Tgt Ion: 95 Resp: 239948

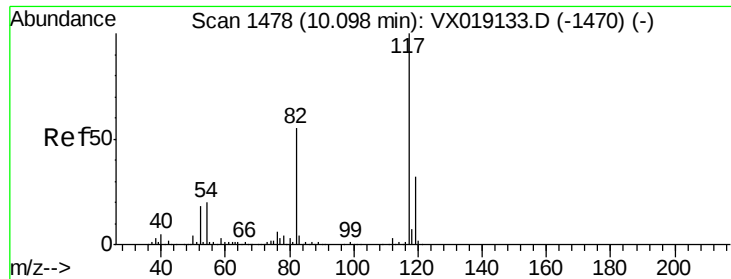
Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 72.5 0.0 149.8

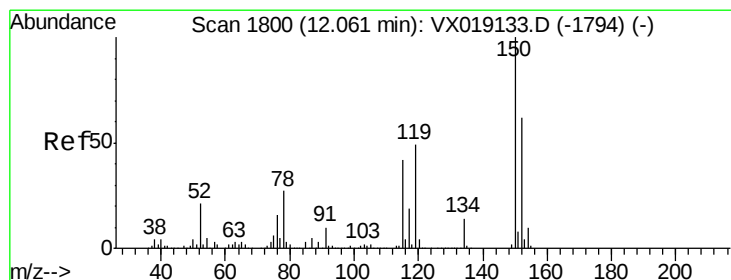
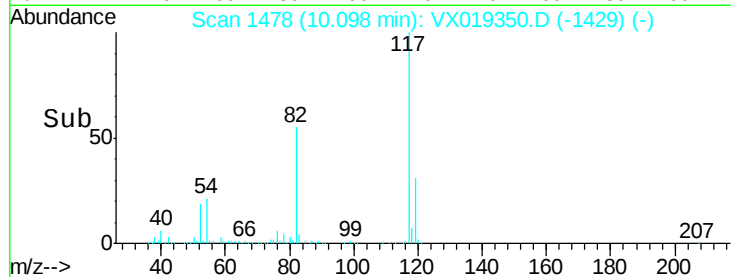
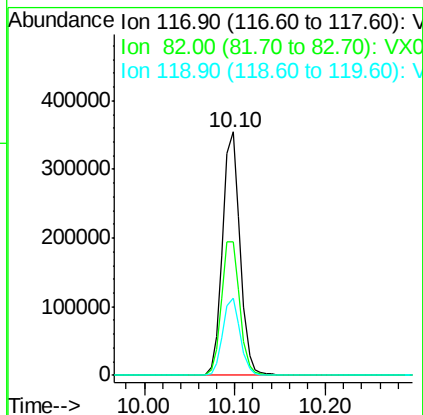
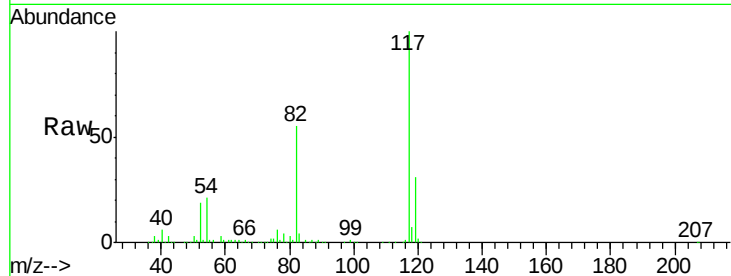




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019350.D
Acq: 06 Nov 2020 18:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 476400
Ion Ratio Lower Upper
117 100
82 55.0 43.6 65.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019350.D
Acq: 06 Nov 2020 18:20

Tgt Ion:152 Resp: 237423
Ion Ratio Lower Upper
152 100
115 62.1 41.9 125.7
150 158.6 0.0 347.8

