

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019724.D
 Acq On : 04 Dec 2020 18:07
 Operator : JC/MD
 Sample : L4959-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Dec 05 04:25:44 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	333025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	484036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207599	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204400	46.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.40%		
35) Dibromofluoromethane	5.46	113	166019	46.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.76%		
50) Toluene-d8	8.70	98	648721	47.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.96%		
62) 4-Bromofluorobenzene	11.12	95	226383	43.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.98%		

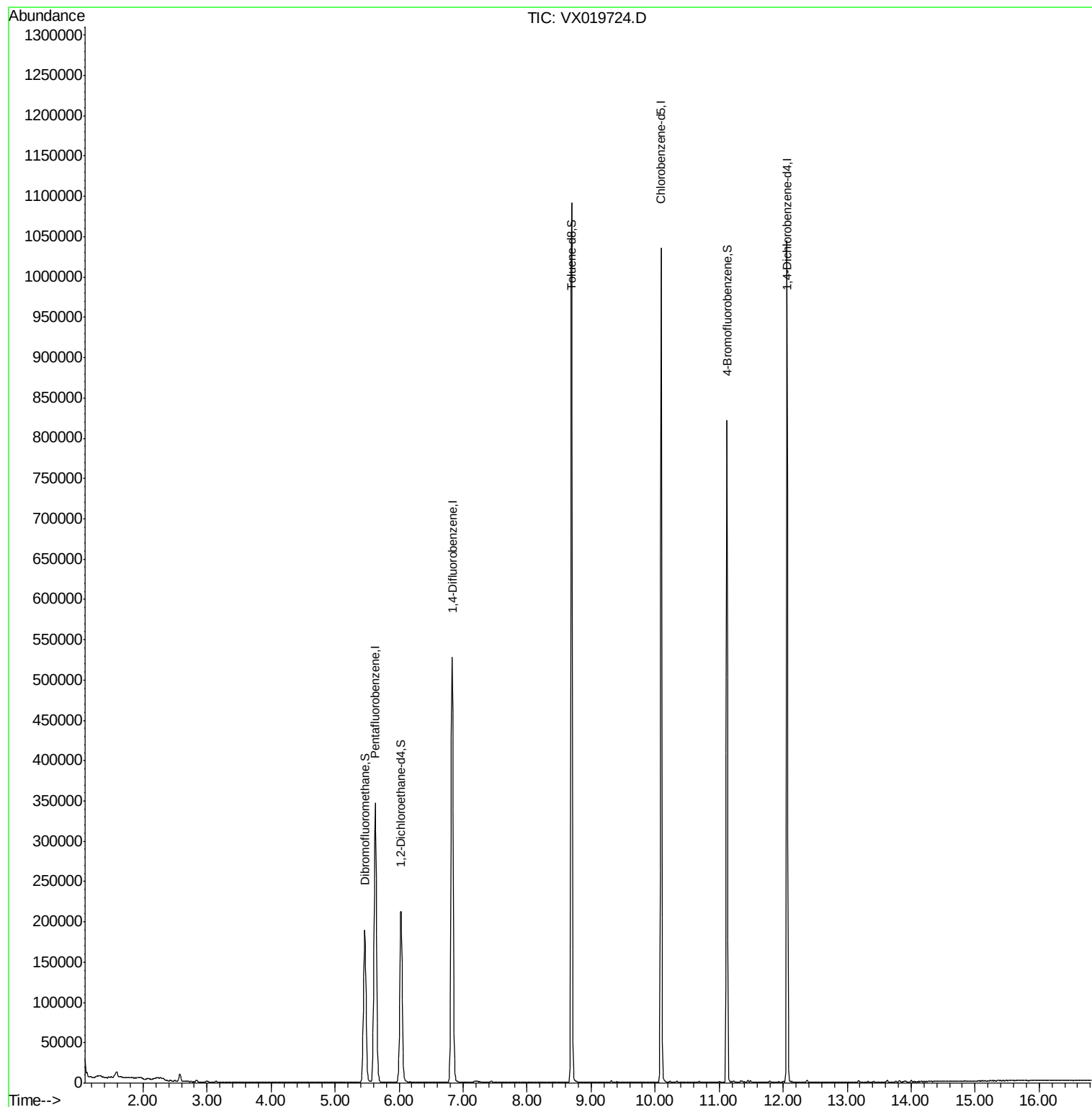
Target Compounds	Qvalue

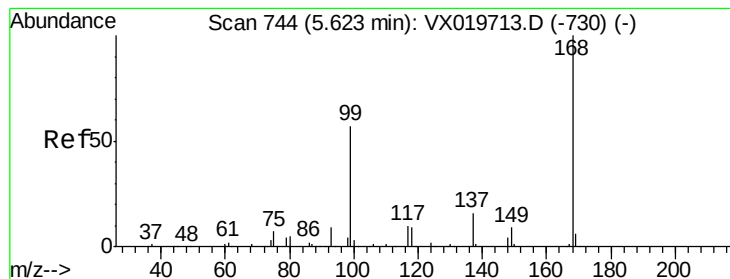
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019724.D

Acq: 04 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

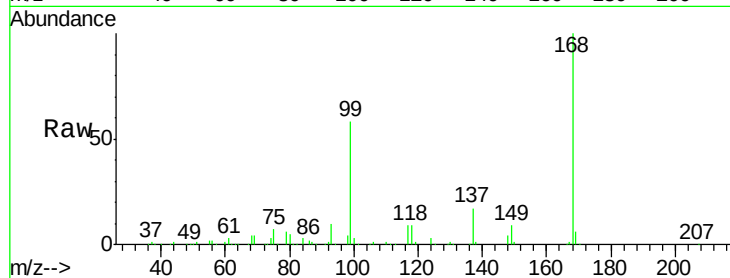
STORAGE-BLANK-WATER-REF

Tot Ion:168 Resp: 333025

Ion Ratio Lower Upper

168 100

99 57.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

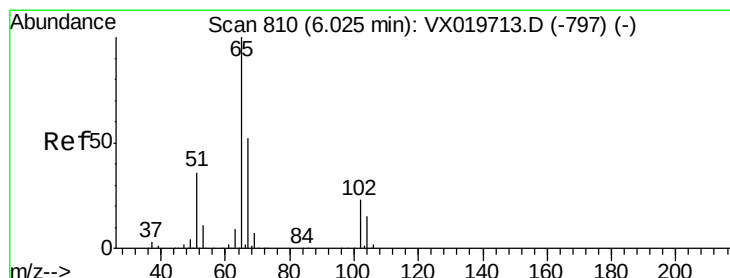
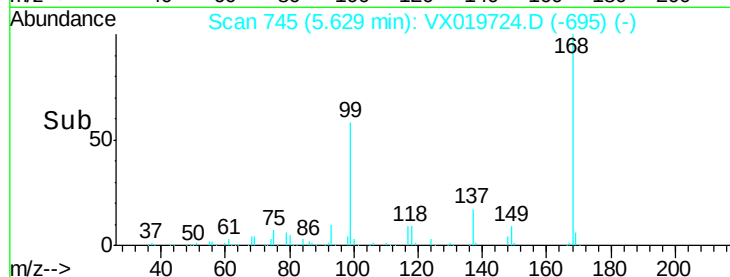
5.63

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.699 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019724.D

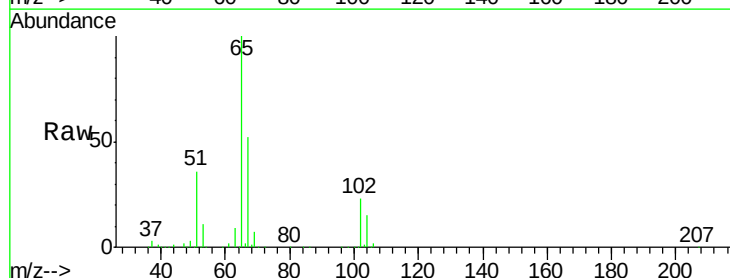
Acq: 04 Dec 2020 18:07

Tgt Ion: 65 Resp: 204400

Ion Ratio Lower Upper

65 100

67 52.8 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

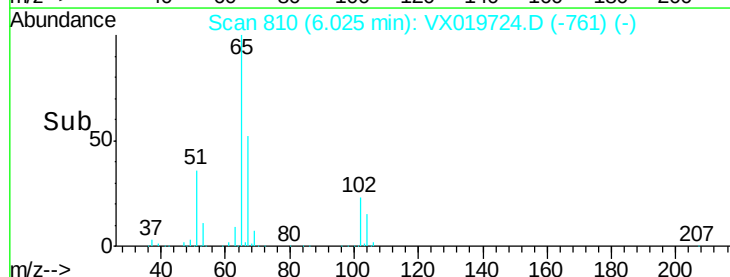
60000

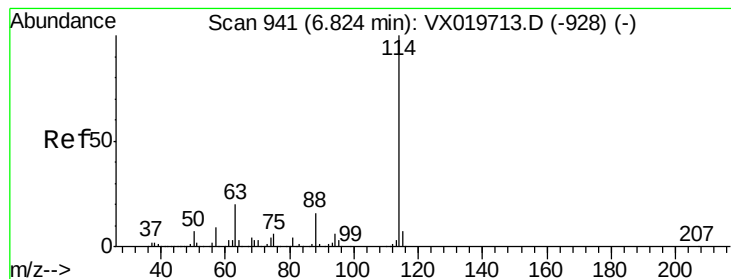
40000

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: VX019724.D

Acq: 04 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF

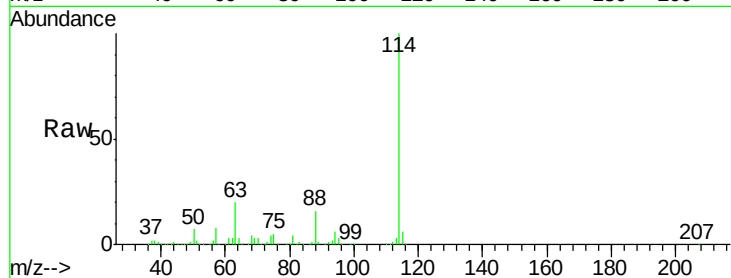
Tot Ion:114 Resp: 548006

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

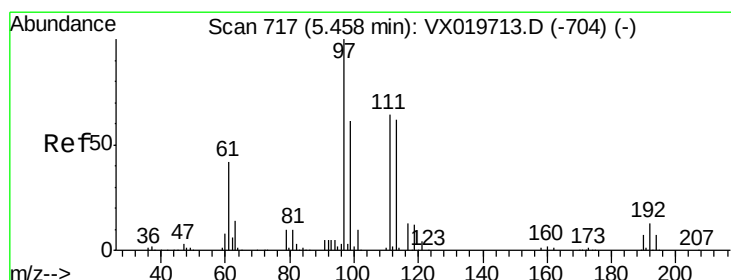
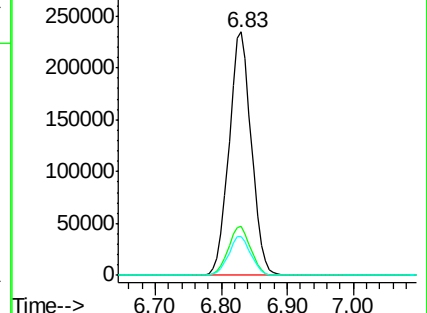
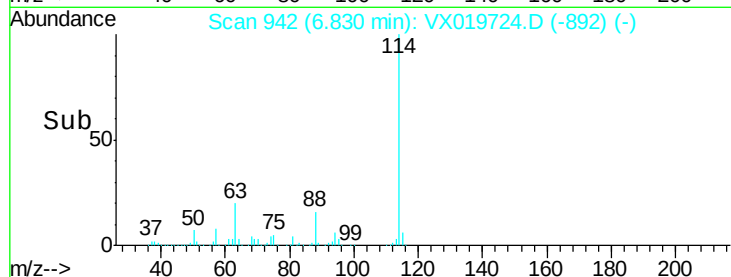
88 16.2 0.0 32.8



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: 46.876 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019724.D

Acq: 04 Dec 2020 18:07

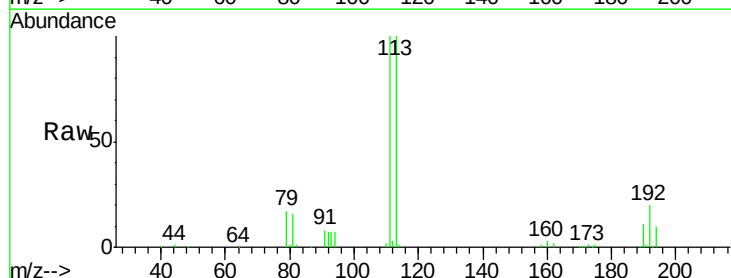
Tgt Ion:113 Resp: 166019

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

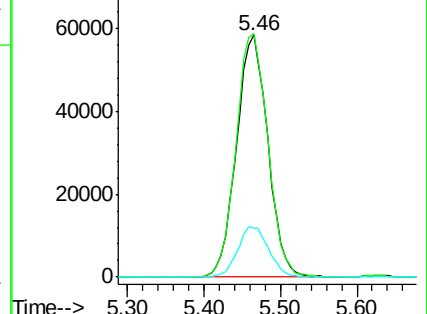
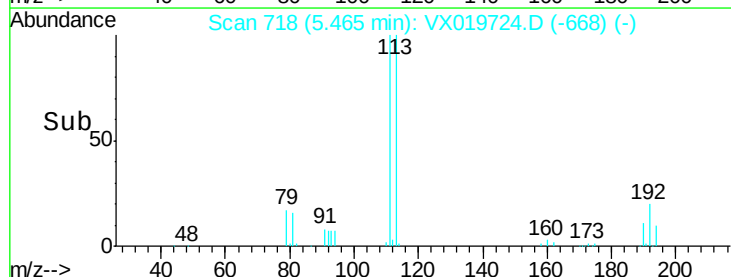
192 20.7 16.7 25.1

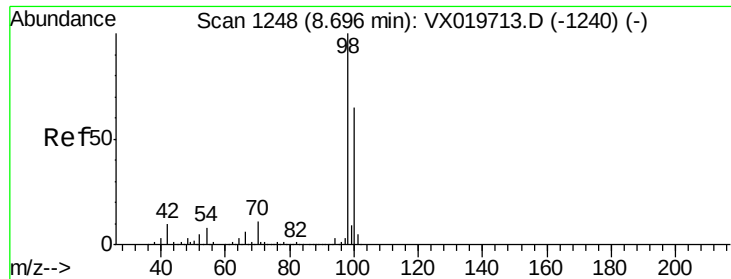


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

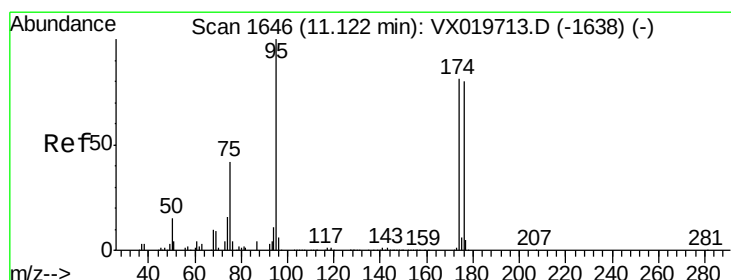
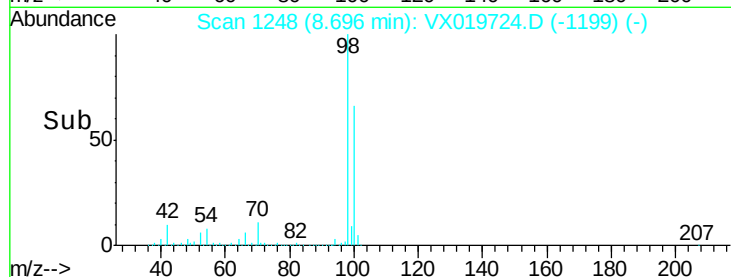
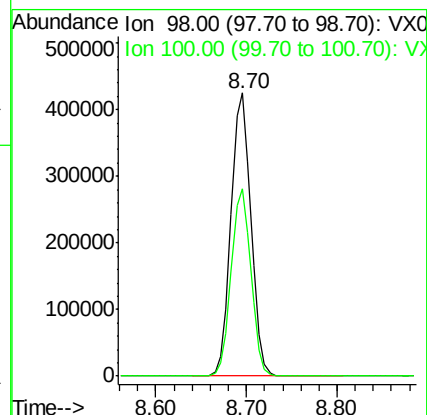
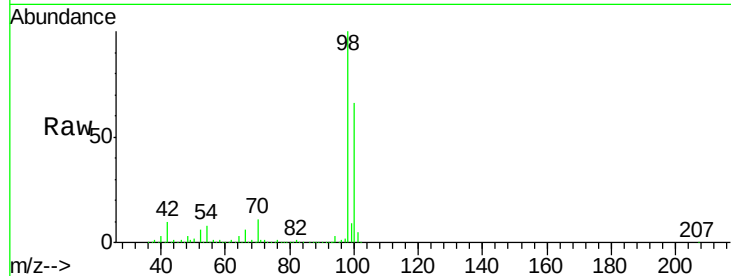




#50
Toluene-d8
Concen: 47.978 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019724.D
Acq: 04 Dec 2020 18:07

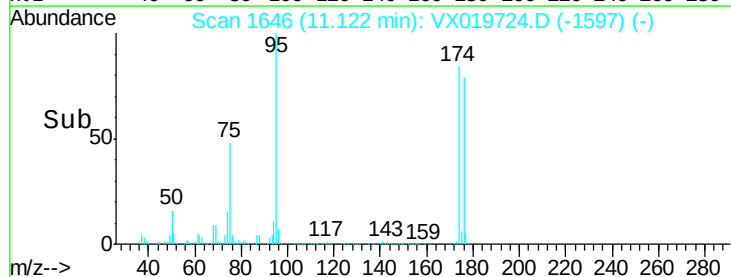
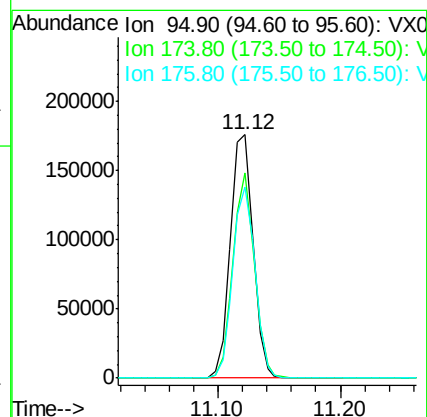
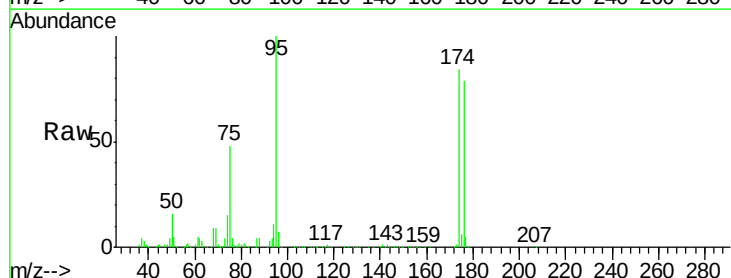
Instrument :
MSVOA_X
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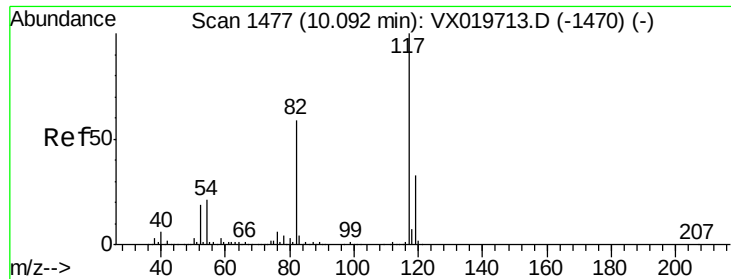
Tot Ion: 98 Resp: 648721
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.989 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019724.D
Acq: 04 Dec 2020 18:07

Tgt Ion: 95 Resp: 226383
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 76.9 0.0 155.8

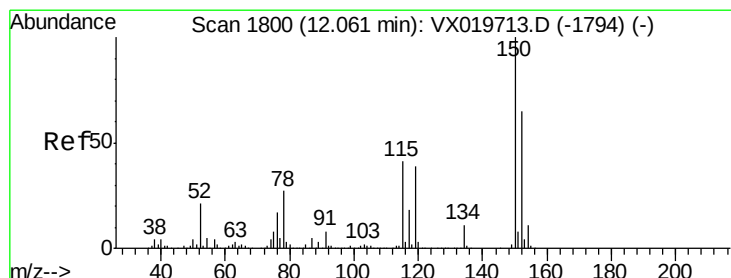
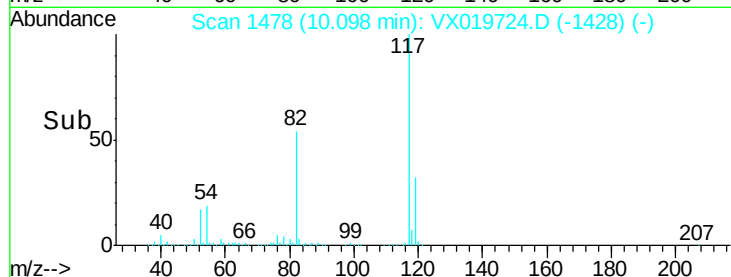
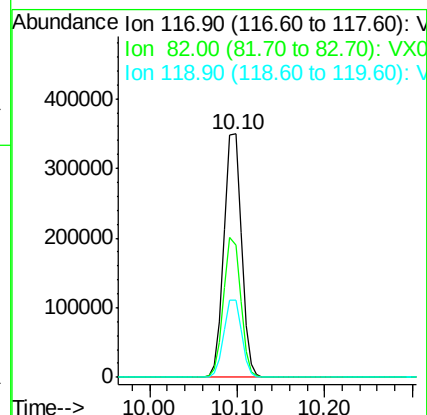
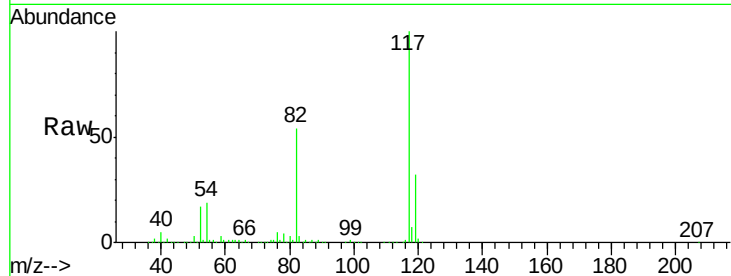




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019724.D
Acq: 04 Dec 2020 18:07

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

Tot Ion:117 Resp: 484036
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019724.D
Acq: 04 Dec 2020 18:07

Tgt Ion:152 Resp: 207599
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.2 0.0 349.0

