

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017628.D
 Acq On : 27 Jul 2020 19:41
 Operator : JC/SP
 Sample : L3440-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jul 28 02:01:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	508218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	751549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	805418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	423672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	319347	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.47	113	280490	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	8.70	98	918463	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.12	95	411558	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	

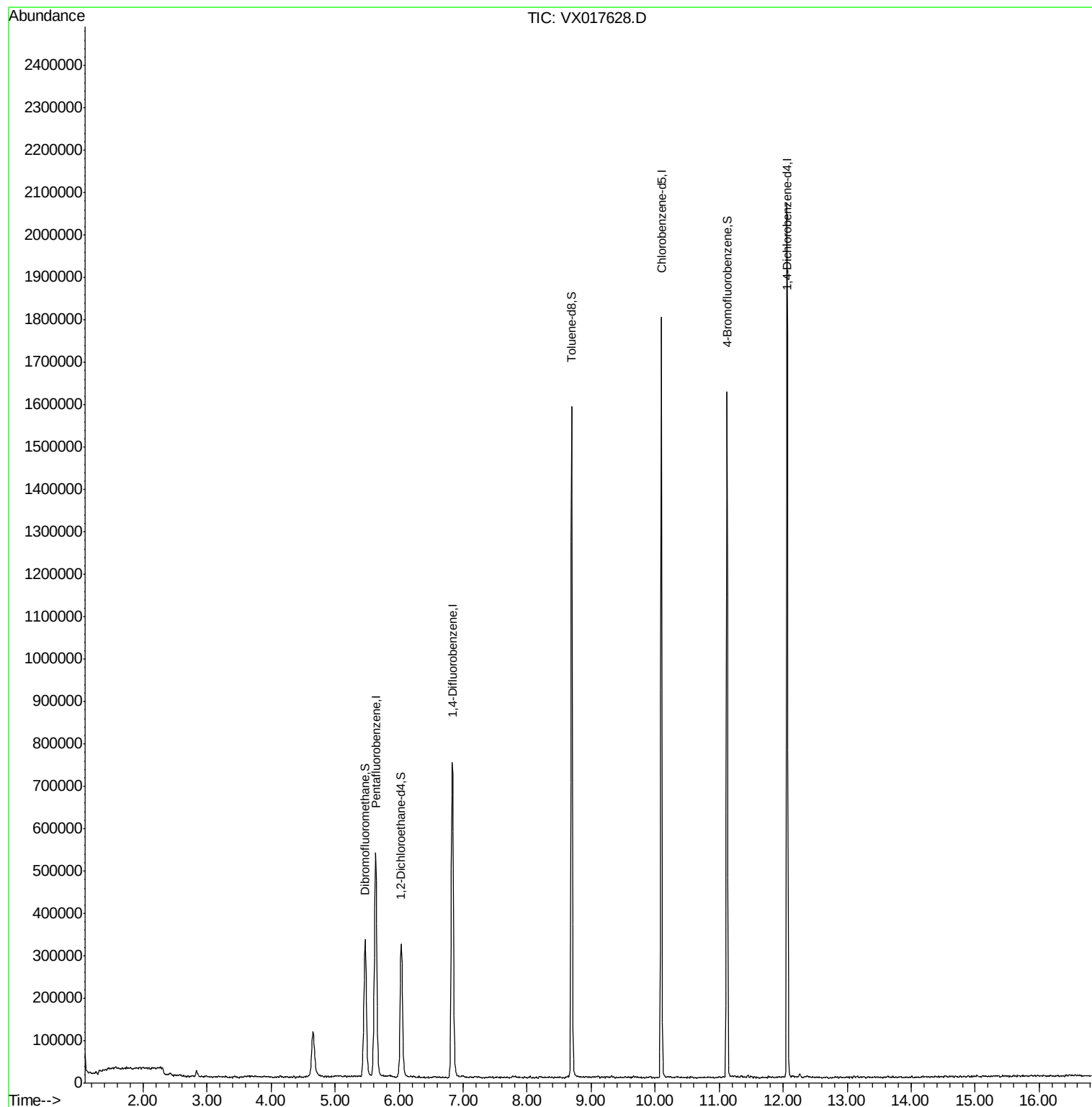
Target Compounds	Qvalue

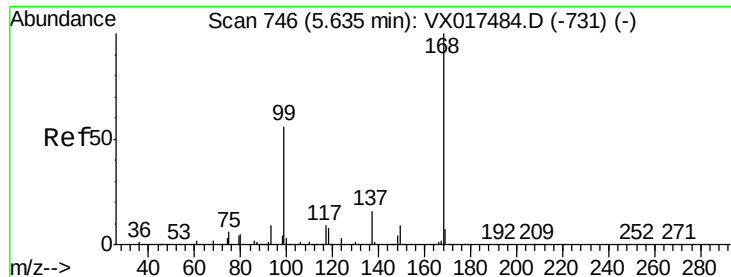
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017628.D

Acq: 27 Jul 2020 19:41

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MSVOA_X

ClientSampleId :

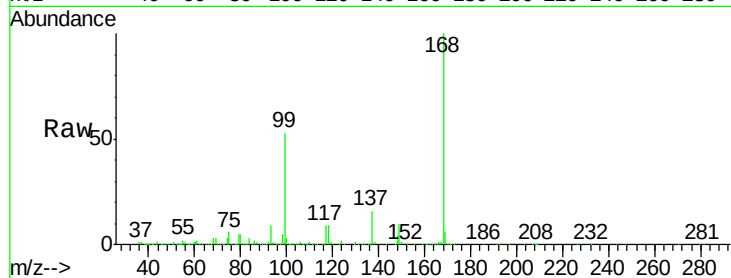
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 508218

Ion Ratio Lower Upper

168 100

99 52.9 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

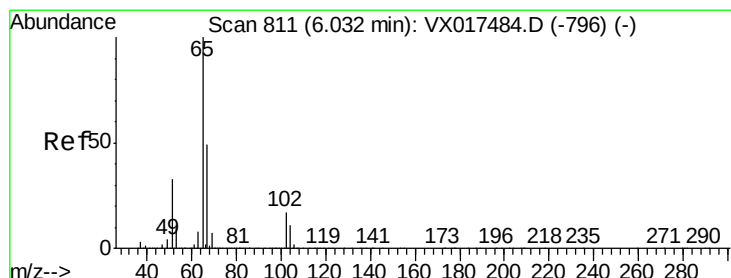
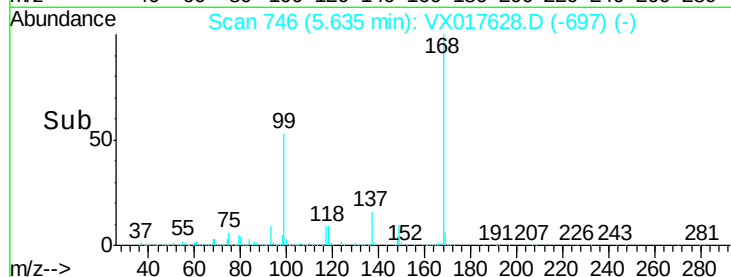
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.917 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017628.D

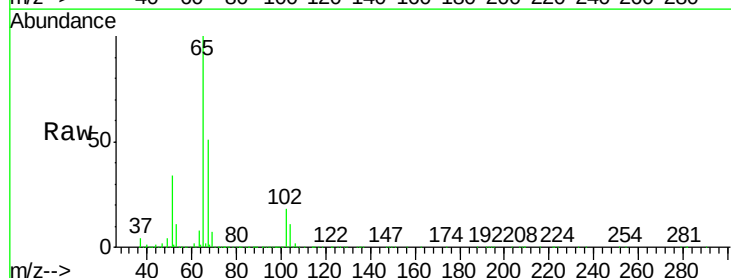
Acq: 27 Jul 2020 19:41

Tgt Ion: 65 Resp: 319347

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

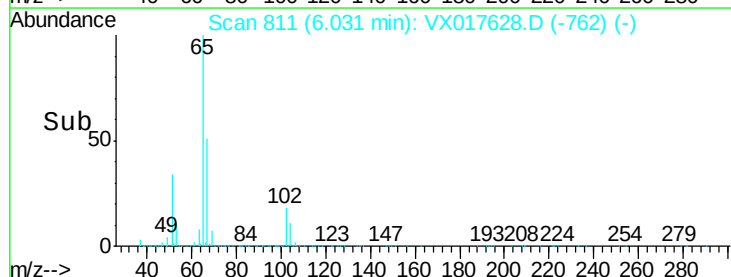
6.03

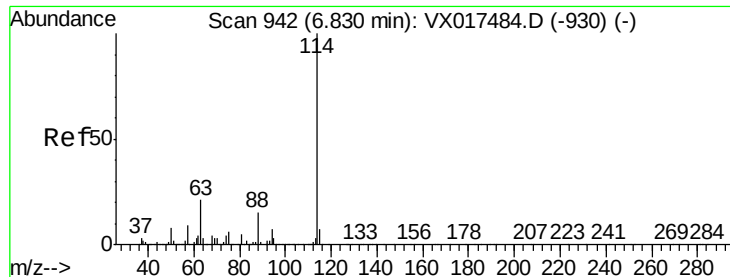
100000

50000

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: VX017628.D

Acq: 27 Jul 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

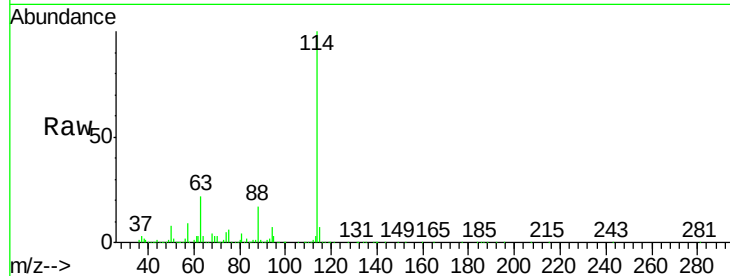
Tot Ion:114 Resp: 751549

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

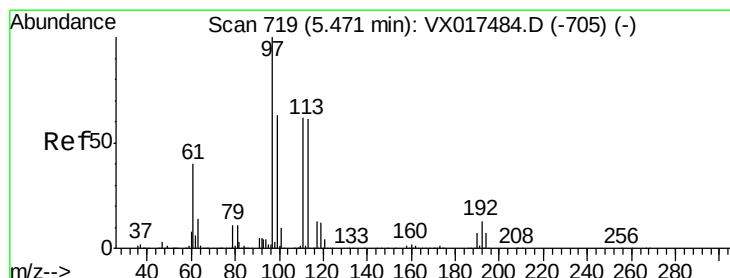
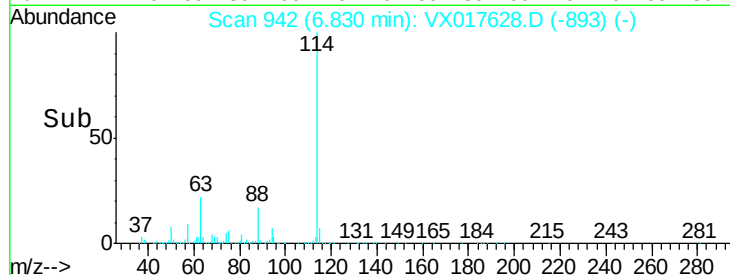
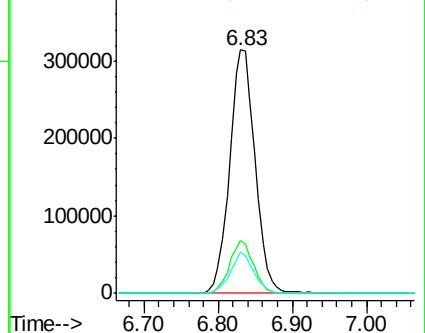
88 16.7 0.0 33.4



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: 55.803 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017628.D

Acq: 27 Jul 2020 19:41

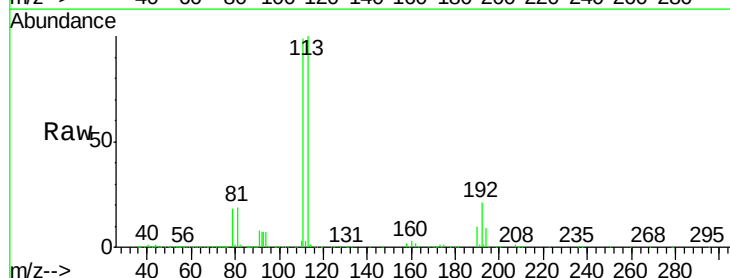
Tgt Ion:113 Resp: 280490

Ion Ratio Lower Upper

113 100

111 102.3 80.7 121.1

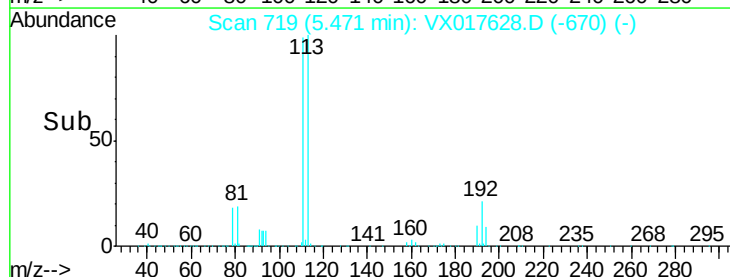
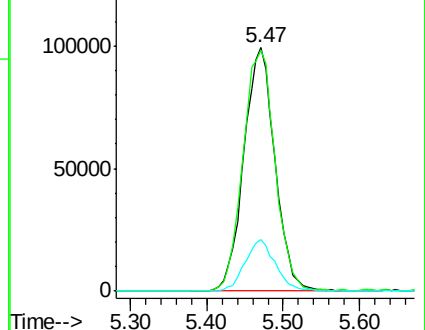
192 20.8 16.9 25.3

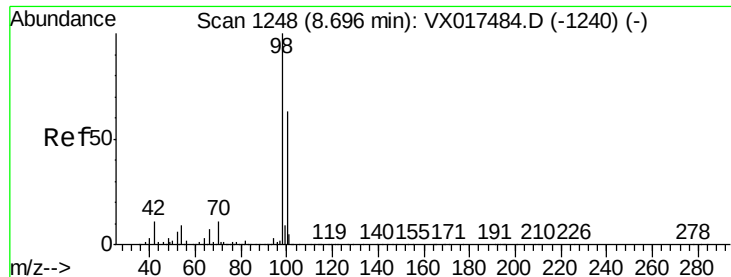


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

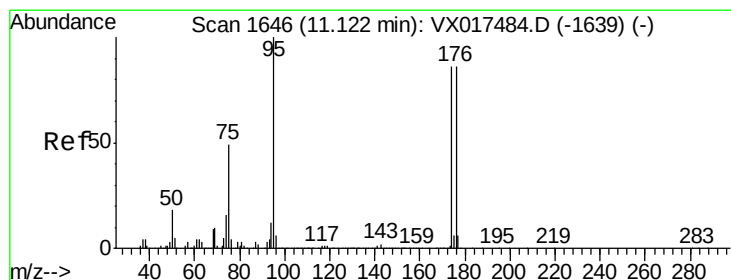
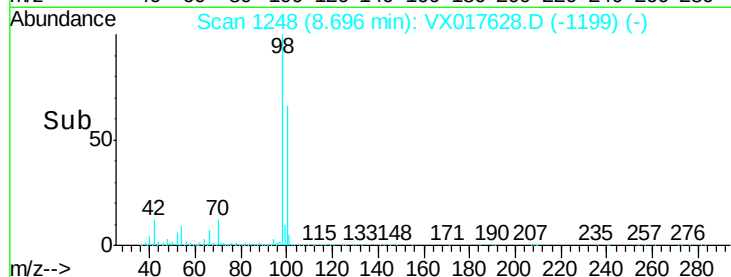
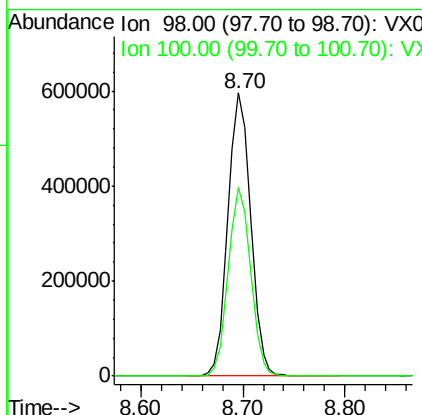
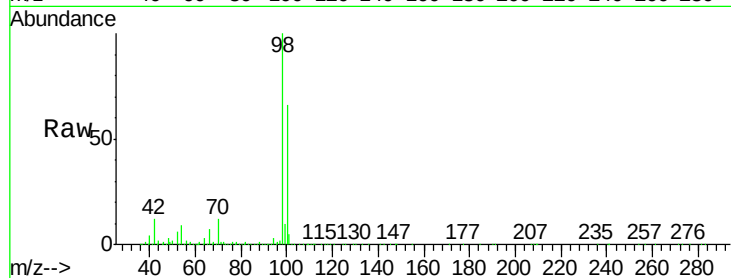




#50
Toluene-d8
Concen: 50.653 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017628.D
Acq: 27 Jul 2020 19:41

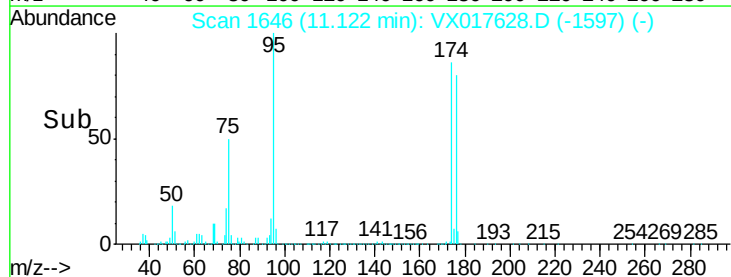
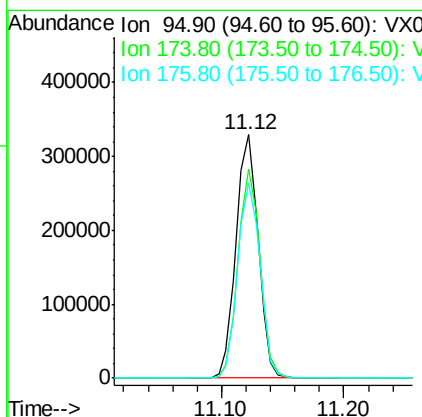
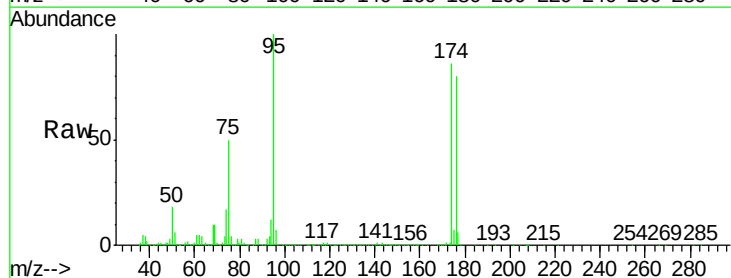
Instrument :
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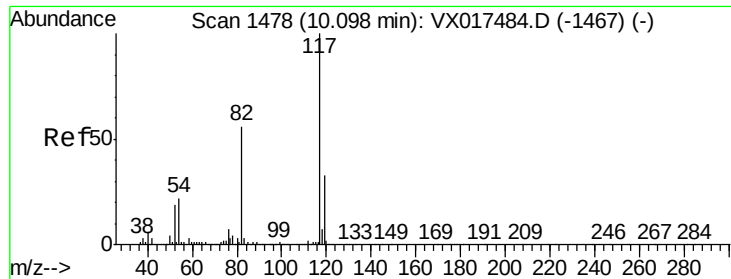
Tot Ion: 98 Resp: 918463
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 56.714 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017628.D
Acq: 27 Jul 2020 19:41

Tgt Ion: 95 Resp: 411558
Ion Ratio Lower Upper
95 100
174 85.4 0.0 169.0
176 81.1 0.0 161.0

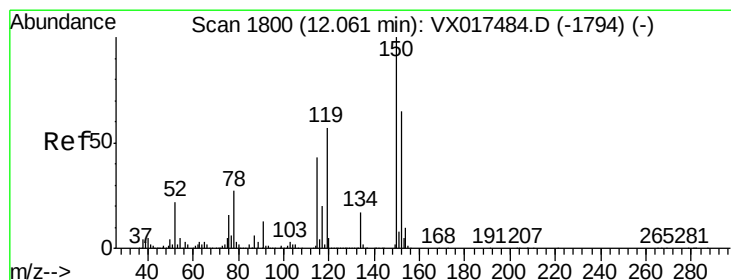
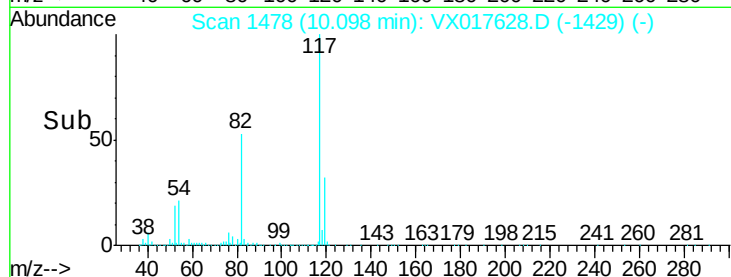
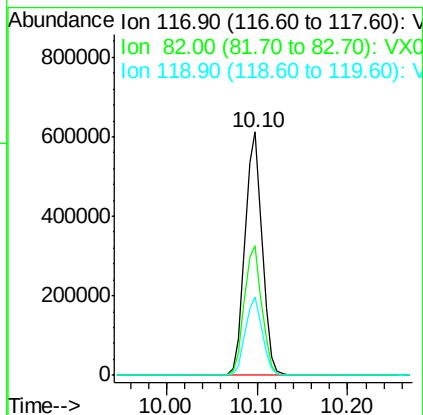
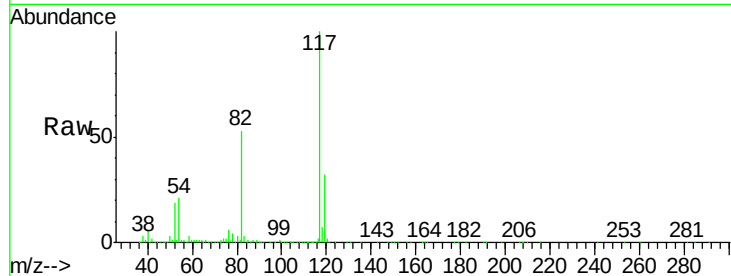




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017628.D
Acq: 27 Jul 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 805418
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017628.D
Acq: 27 Jul 2020 19:41

Tgt Ion:152 Resp: 423672
Ion Ratio Lower Upper
152 100
115 58.1 65.5 196.6#
150 154.3 0.0 412.6

