

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064903.D
 Acq On : 3 Dec 2020 16:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 04 04:17:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	172647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	313504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103608	51.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	103.24%	
35) Dibromofluoromethane	7.55	113	96467	53.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	106.52%	
50) Toluene-d8	10.06	98	380095	51.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.38	95	148483	56.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	112.12%	

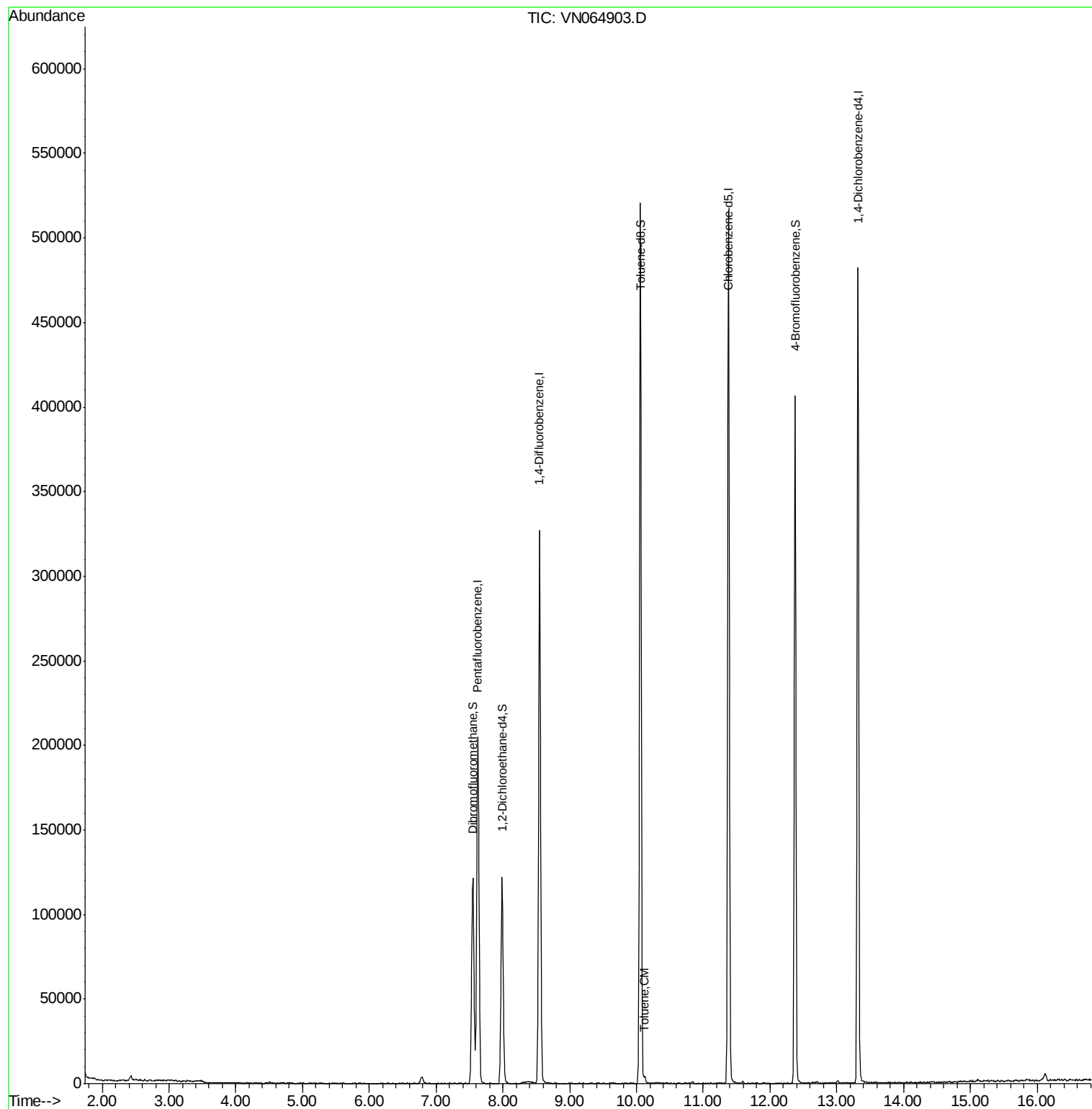
Target Compounds					Qvalue
52) Toluene	10.13	92	1777	0.336 ug/l	96

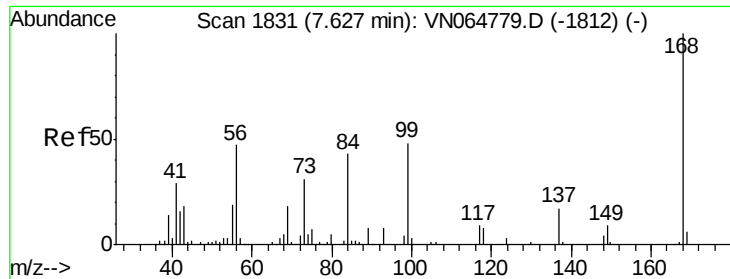
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064903.D

Acq: 3 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

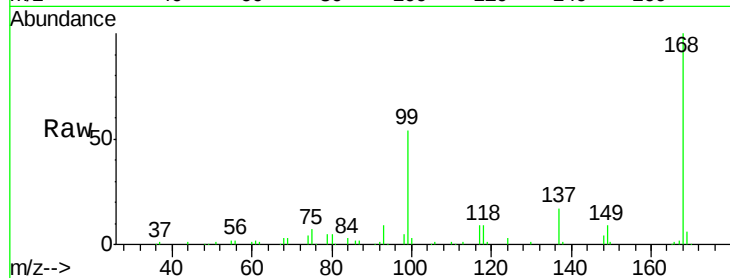
IBLK

Tot Ion:168 Resp: 172647

Ion Ratio Lower Upper

168 100

99 54.1 43.0 64.4

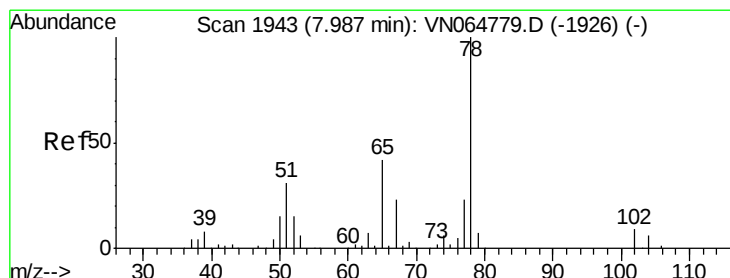
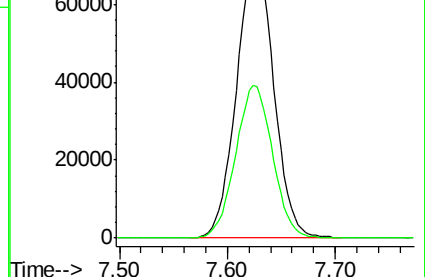
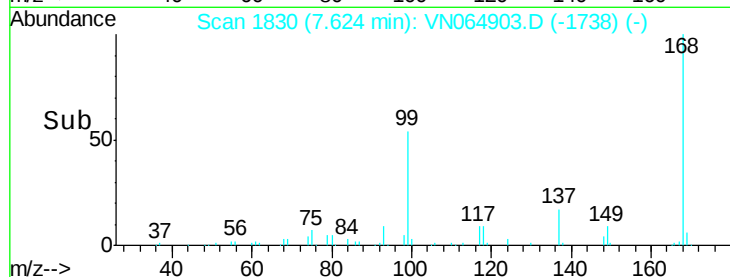


Abundance Ion 167.90 (167.60 to 168.60): VN064903.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064903.D (-1738) (-)

7.62

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.620 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064903.D

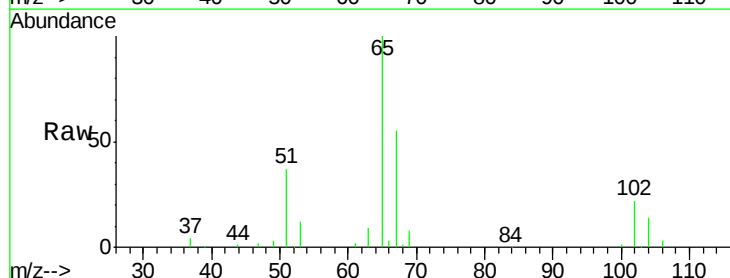
Acq: 3 Dec 2020 16:38

Tgt Ion: 65 Resp: 103608

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.2

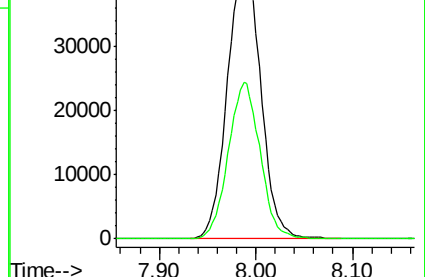
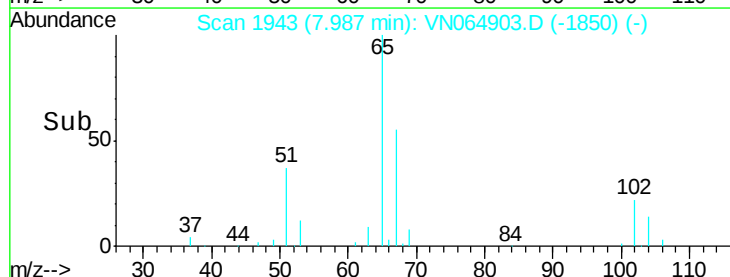


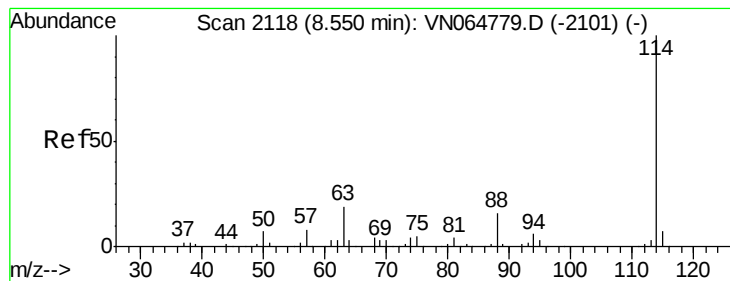
Abundance Ion 64.90 (64.60 to 65.60): VN064903.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064903.D (-1850) (-)

7.99

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064903.D

Acq: 3 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

IBLK

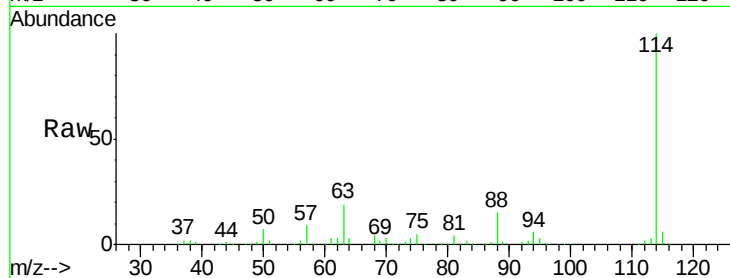
Tot Ion:114 Resp: 302717

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

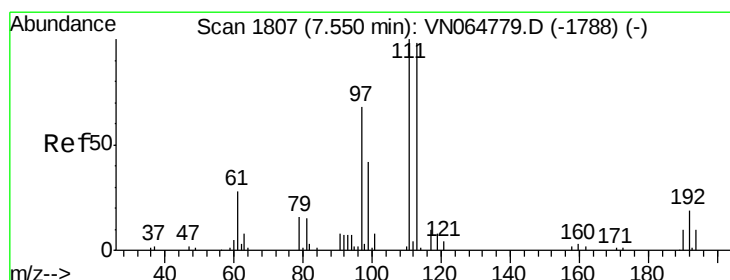
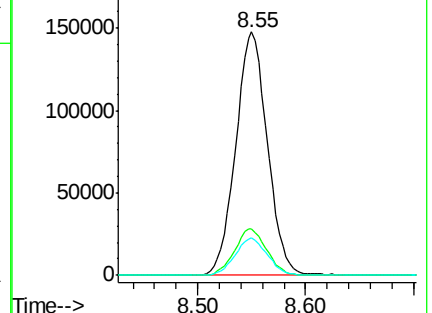
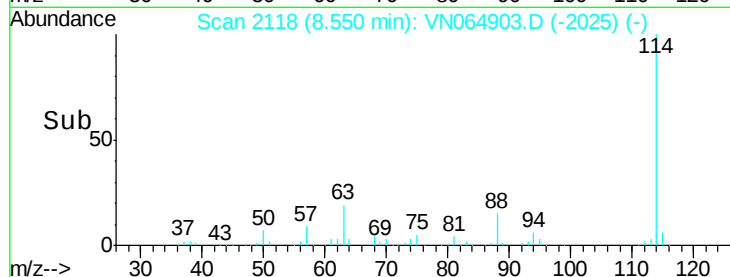
88 15.3 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 53.257 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064903.D

Acq: 3 Dec 2020 16:38

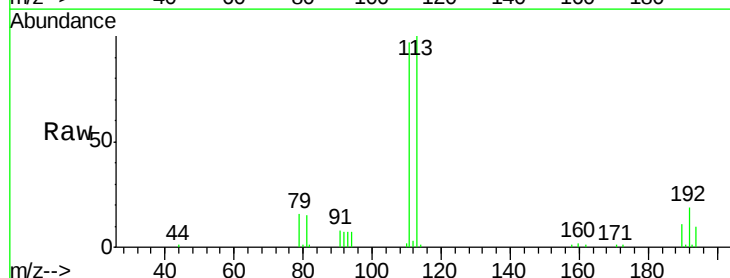
Tgt Ion:113 Resp: 96467

Ion Ratio Lower Upper

113 100

111 99.4 81.6 122.4

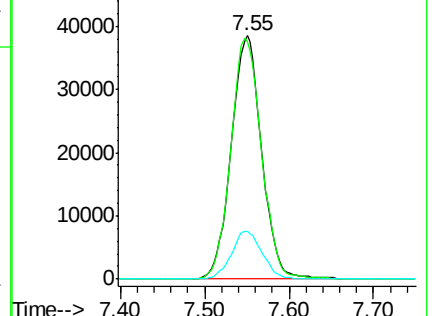
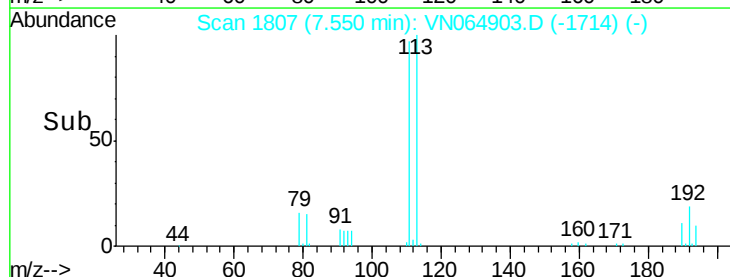
192 19.7 16.2 24.2

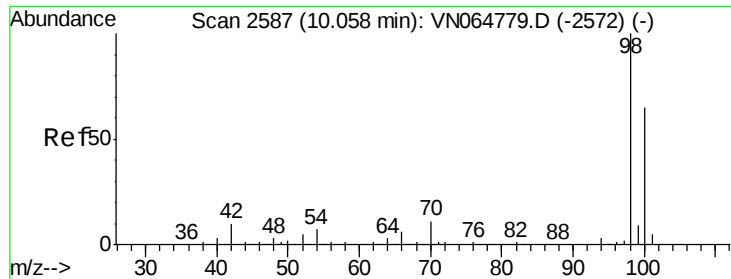


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.357 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064903.D

Acq: 3 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

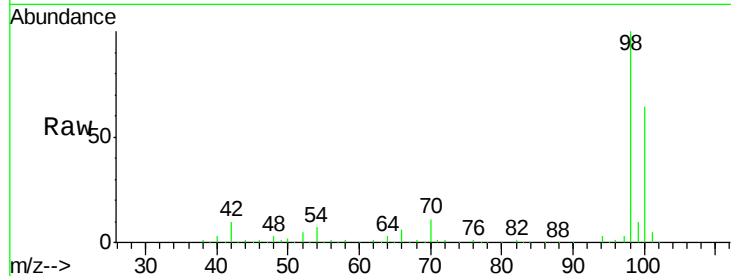
IBLK

Tot Ion: 98 Resp: 380095

Ion Ratio Lower Upper

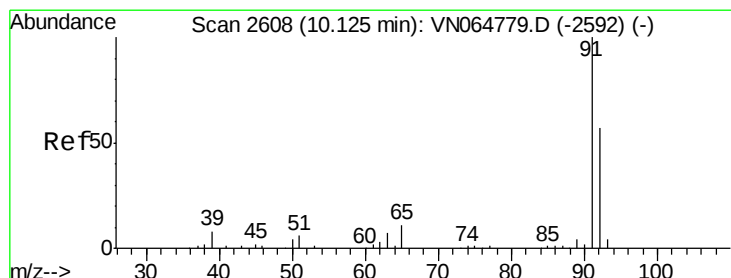
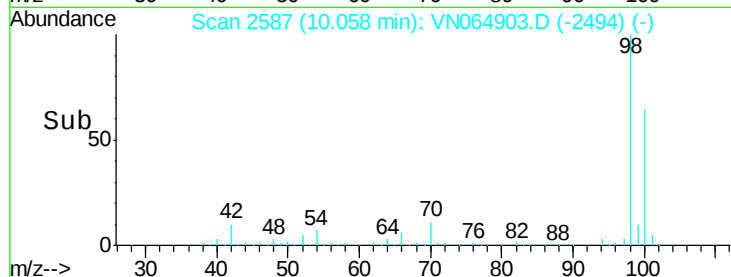
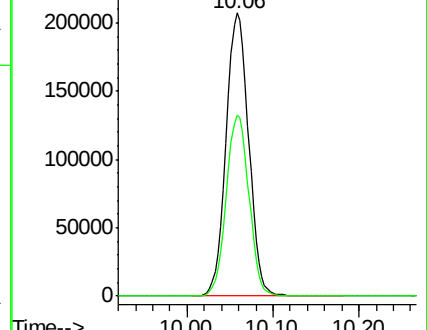
98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)



#52

Toluene

Concen: 0.336 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064903.D

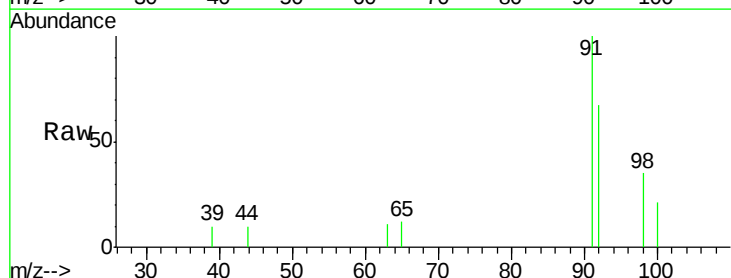
Acq: 3 Dec 2020 16:38

Tgt Ion: 92 Resp: 1777

Ion Ratio Lower Upper

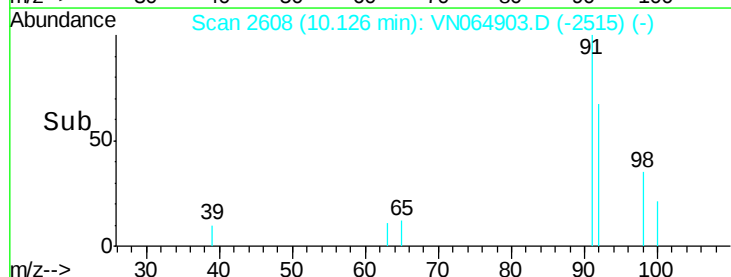
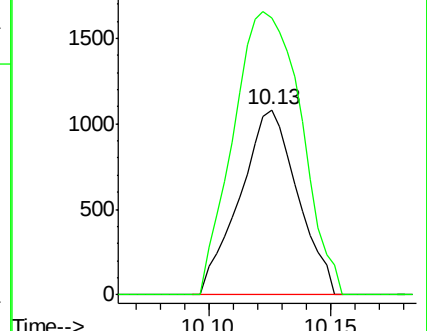
92 100

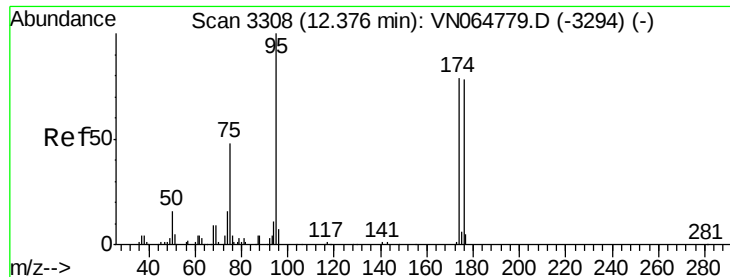
91 179.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

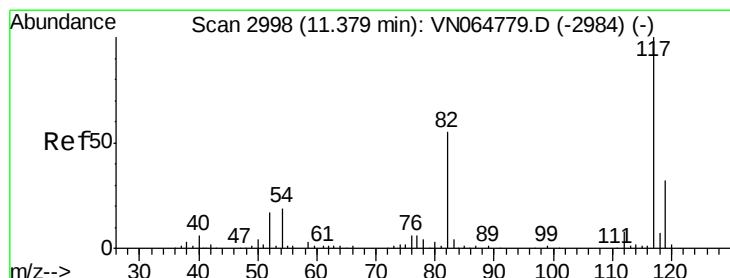
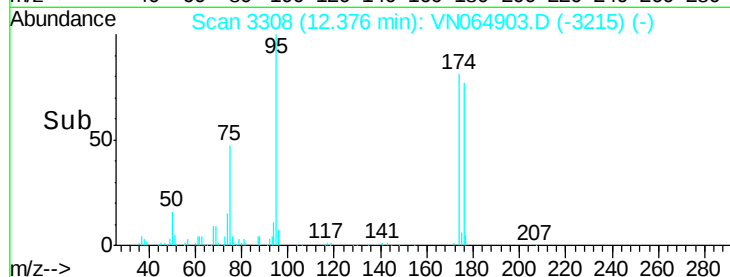
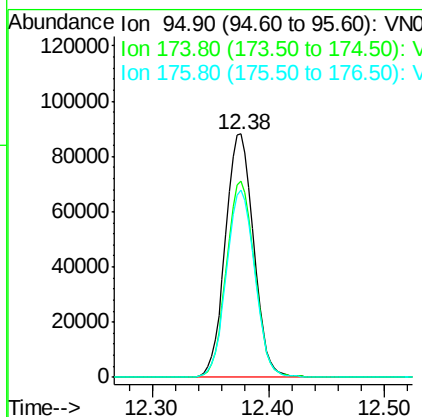
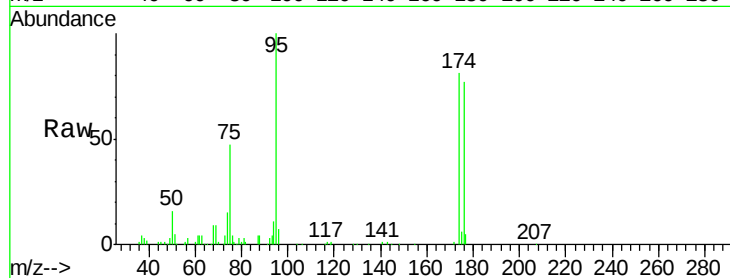




#62
4-Bromofluorobenzene
Concen: 56.059 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064903.D
Acq: 3 Dec 2020 16:38

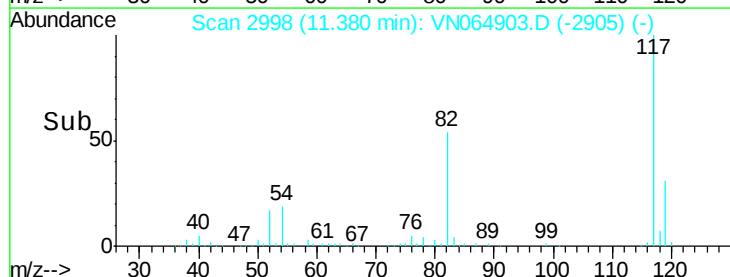
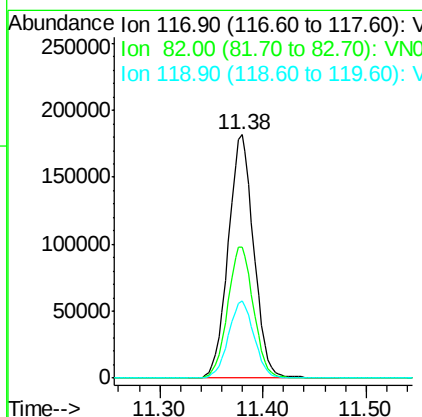
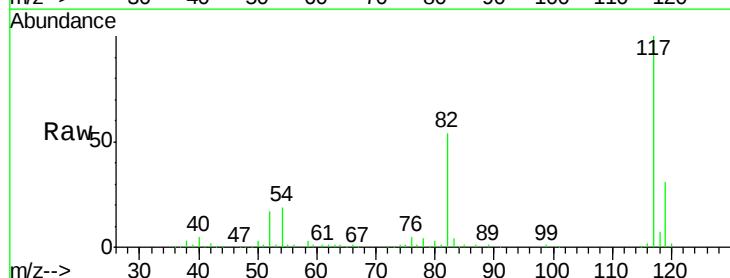
Instrument :
MSVOA_N
ClientSampleId :
IBLK

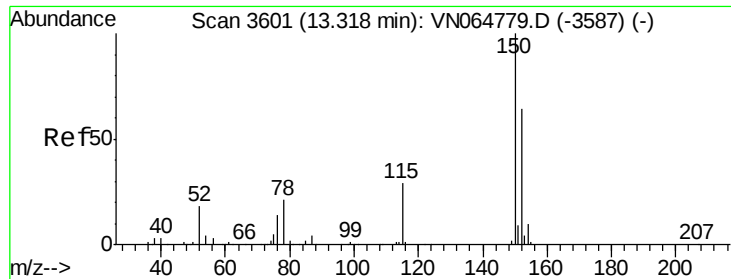
Tot Ion: 95 Resp: 148483
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.4
176 77.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064903.D
Acq: 3 Dec 2020 16:38

Tgt Ion: 117 Resp: 313504
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064903.D

Acq: 3 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

IBLK

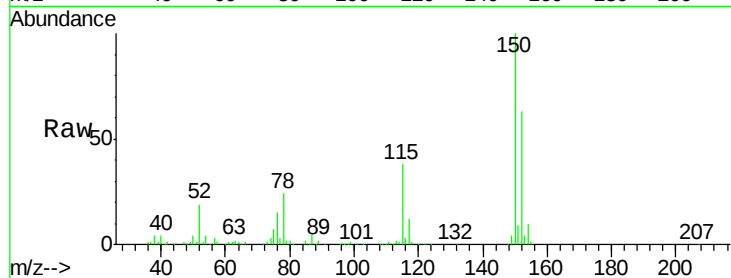
Tot Ion:152 Resp: 138602

Ion Ratio Lower Upper

152 100

115 59.8 29.7 89.1

150 157.0 0.0 350.6



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

