

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064899.D
 Acq On : 3 Dec 2020 15:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 04 04:04:06 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	176758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	325649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104903	51.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	102.10%	
35) Dibromofluoromethane	7.55	113	96153	51.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.10%	
50) Toluene-d8	10.06	98	393556	51.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.37	95	161884	59.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	118.70%	

Target Compounds

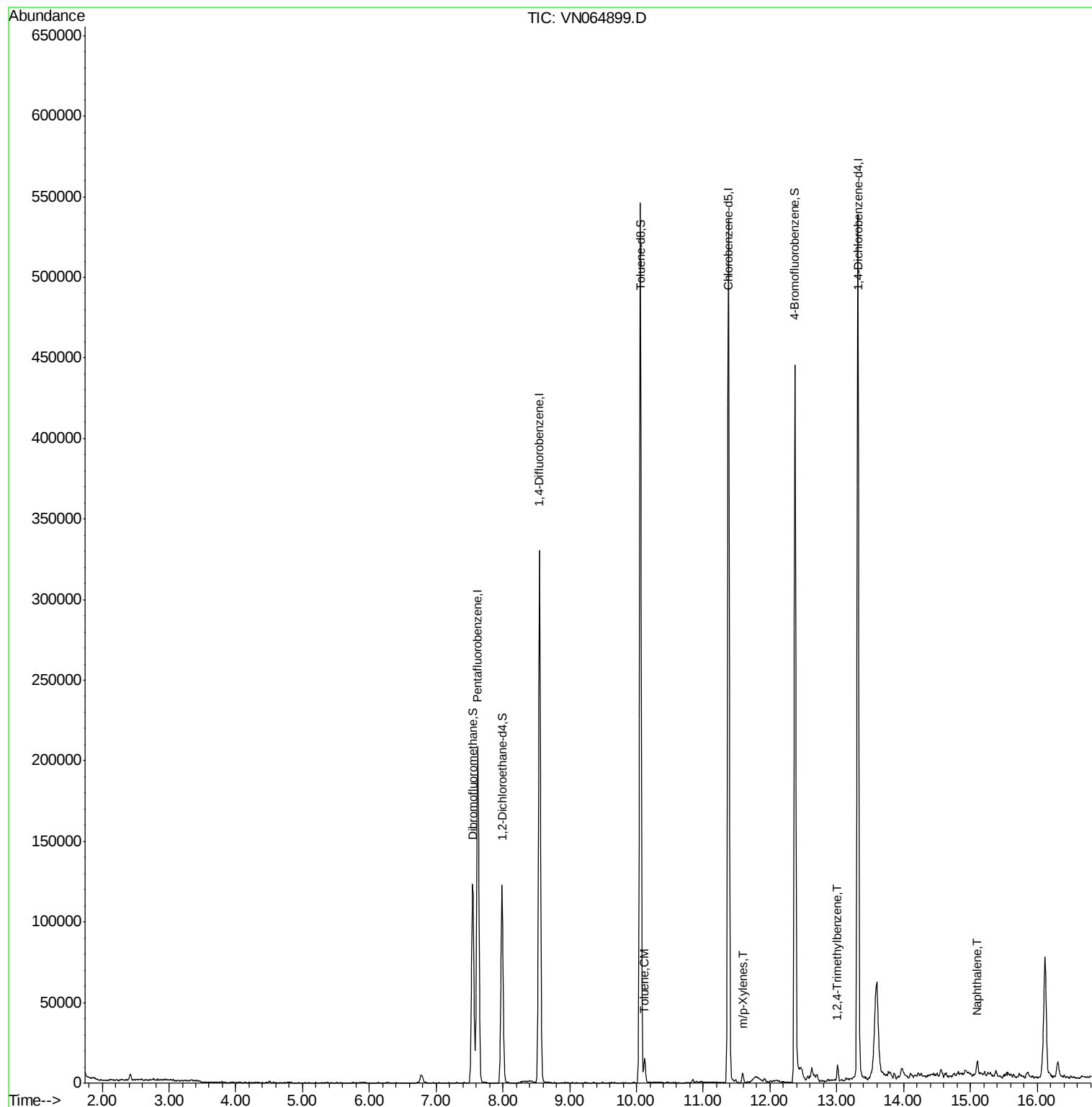
					Qvalue
52) Toluene	10.12	92	6698	1.228 ug/l	99
68) m/p-Xylenes	11.59	106	2149	0.486 ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	6184	0.693 ug/l	89
95) Naphthalene	15.11	128	9416	1.017 ug/l #	97

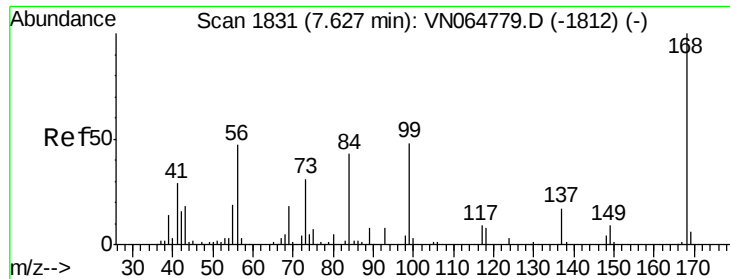
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064899.D

Acq: 3 Dec 2020 15:02

Instrument :

MSVOA_N

ClientSampled :

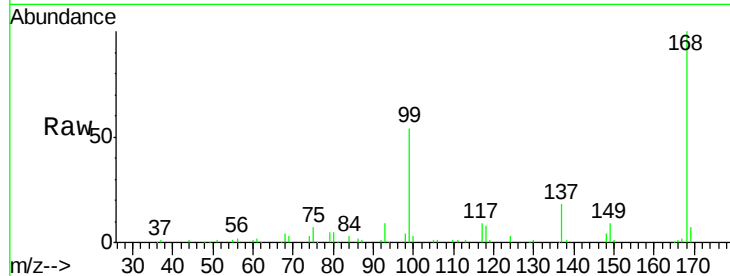
IBLK

Tot Ion:168 Resp: 176758

Ion Ratio Lower Upper

168 100

99 54.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

40000

20000

0

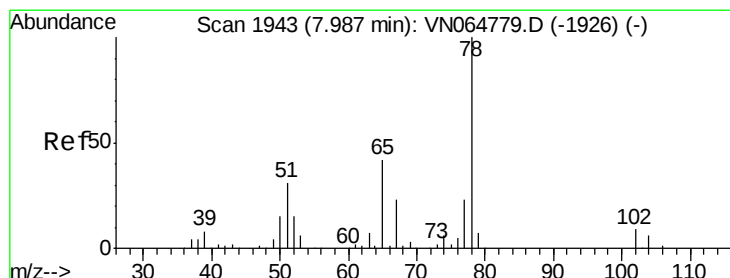
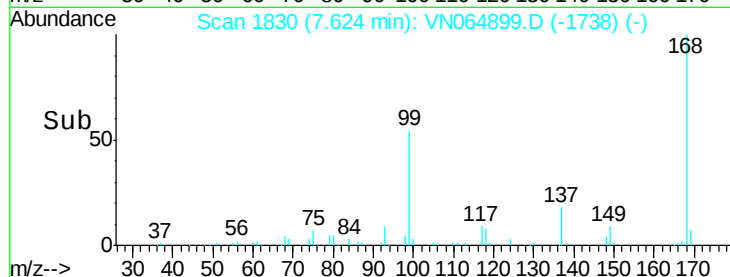
Time-->

7.50

7.60

7.70

7.80



#33

1,2-Dichloroethane-d4

Concen: 51.049 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064899.D

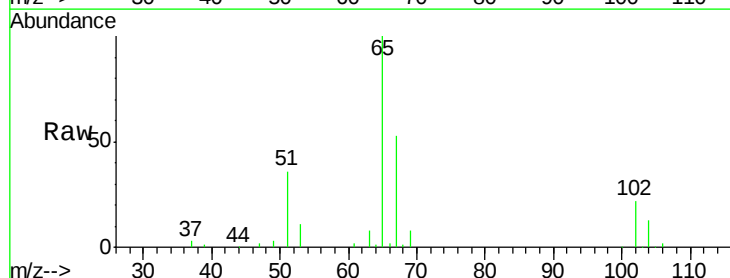
Acq: 3 Dec 2020 15:02

Tgt Ion: 65 Resp: 104903

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

30000

20000

10000

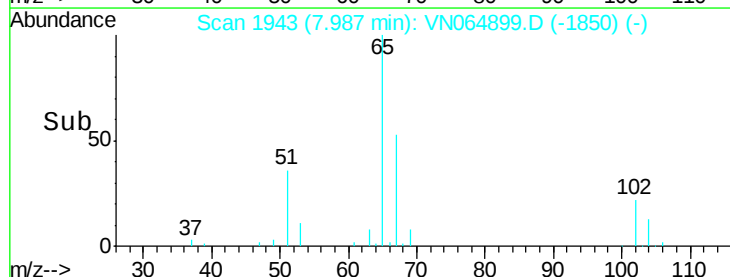
0

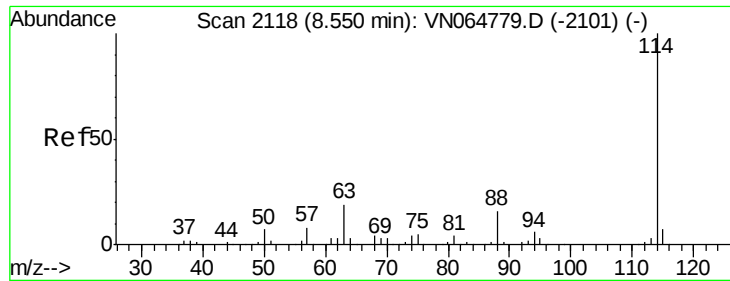
Time-->

7.90

8.00

8.10

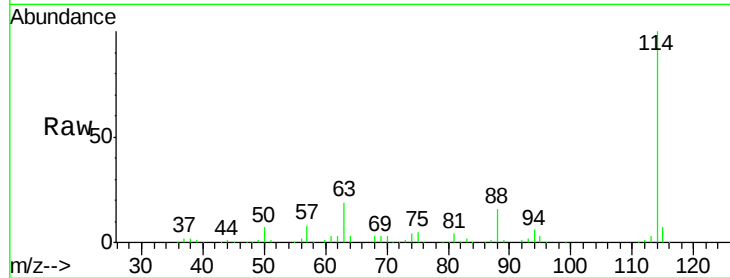




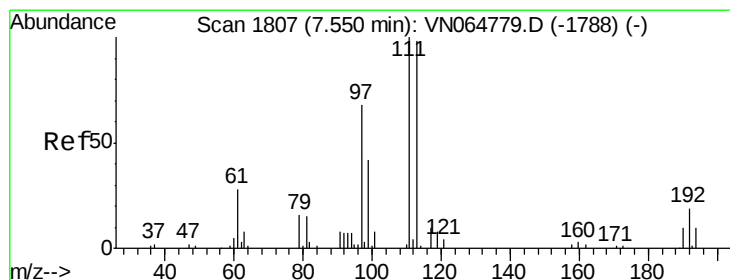
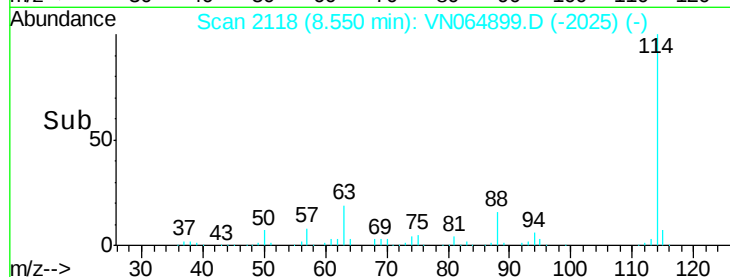
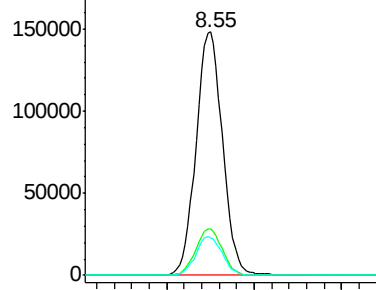
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064899.D
Acq: 3 Dec 2020 15:02

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion:114 Resp: 311719
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.7 0.0 32.6

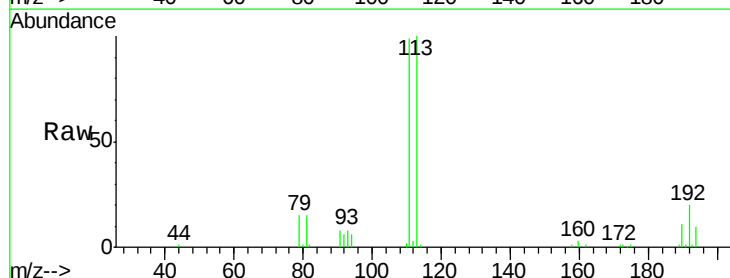


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

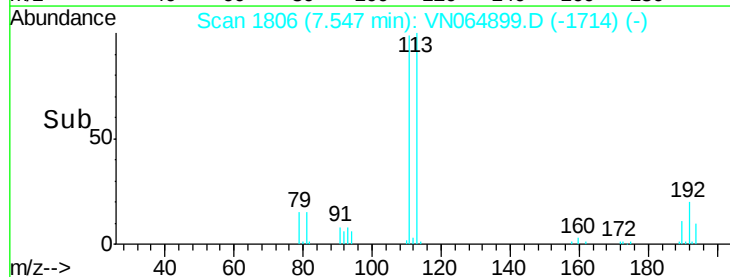
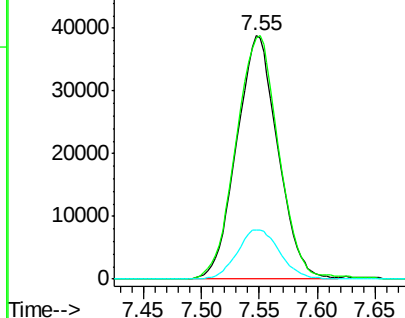


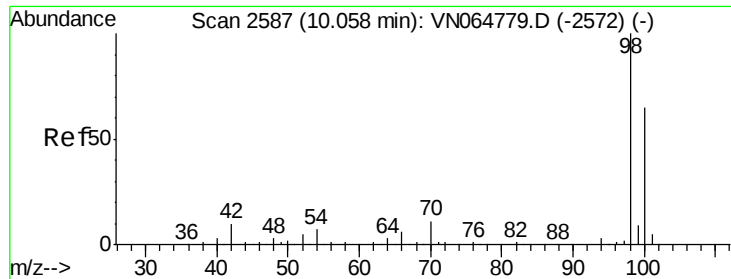
#35
Dibromofluoromethane
Concen: 51.550 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064899.D
Acq: 3 Dec 2020 15:02

Tgt Ion:113 Resp: 96153
Ion Ratio Lower Upper
113 100
111 103.4 81.6 122.4
192 20.7 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: 51.640 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064899.D

Acq: 3 Dec 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

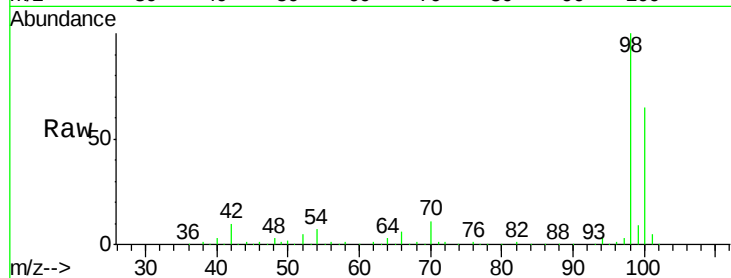
IBLK

Tot Ion: 98 Resp: 393556

Ion Ratio Lower Upper

98 100

100 64.0 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) (-)

10.06

250000

200000

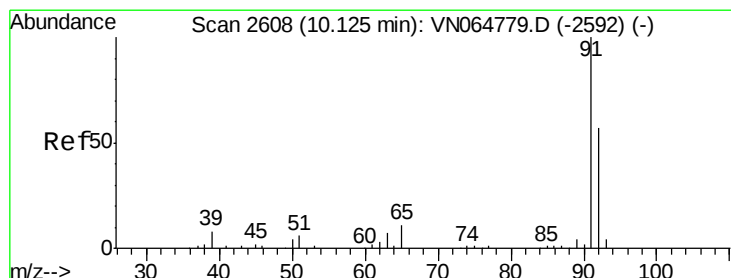
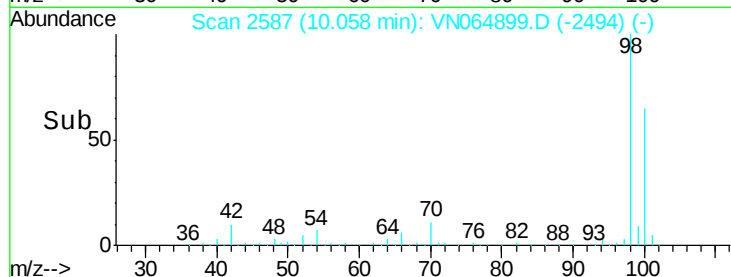
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 1.228 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064899.D

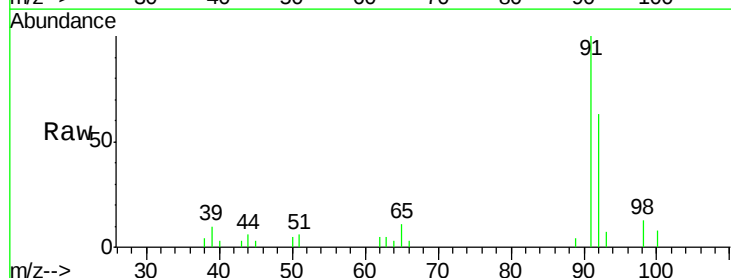
Acq: 3 Dec 2020 15:02

Tgt Ion: 92 Resp: 6698

Ion Ratio Lower Upper

92 100

91 173.0 139.1 208.7



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

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

10.12

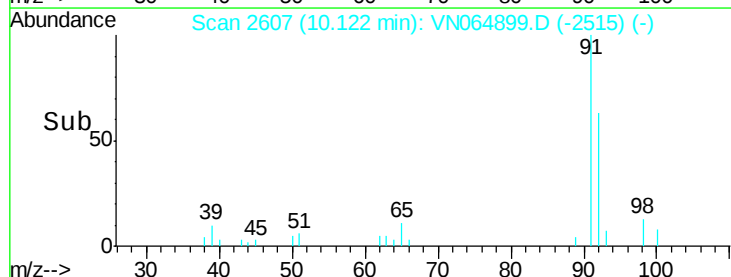
6000

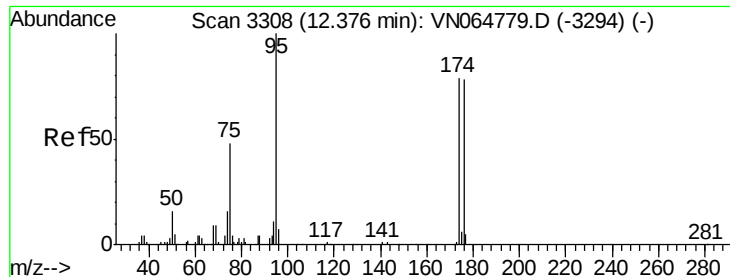
4000

2000

0

Time-->

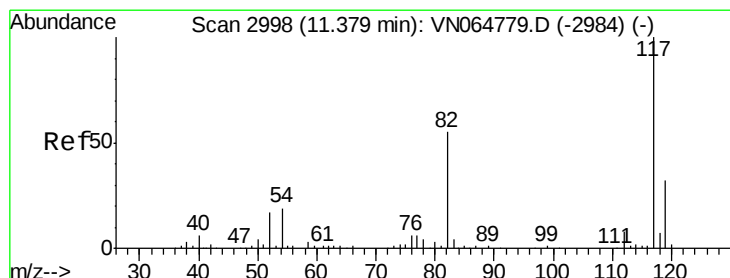
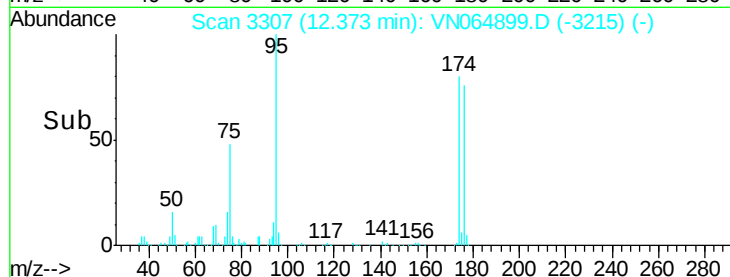
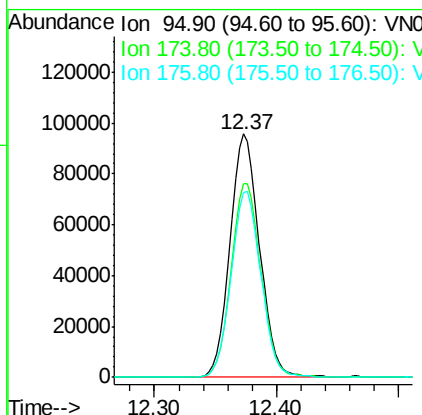
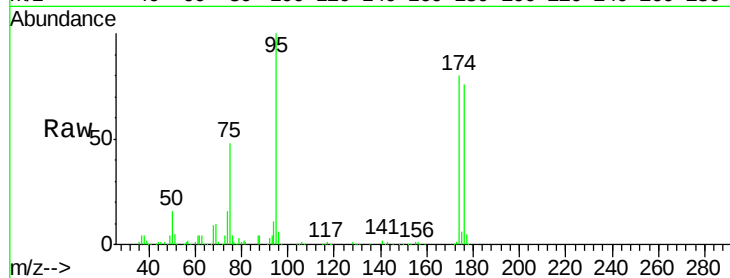




#62
4-Bromofluorobenzene
Concen: 59.353 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064899.D
Acq: 3 Dec 2020 15:02

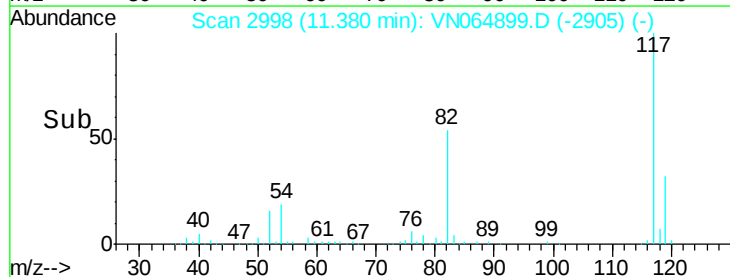
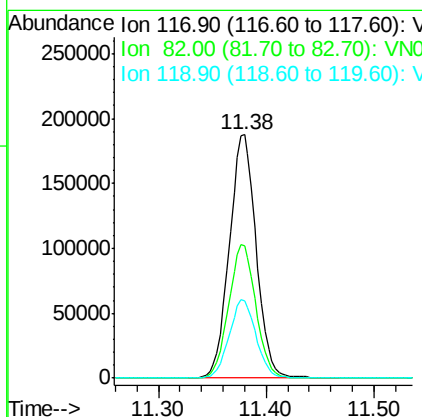
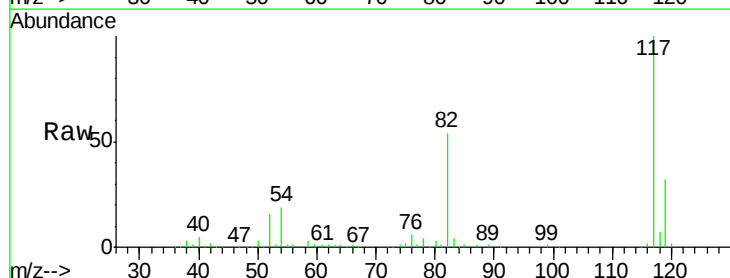
Instrument :
MSVOA_N
ClientSampleId :
IBLK

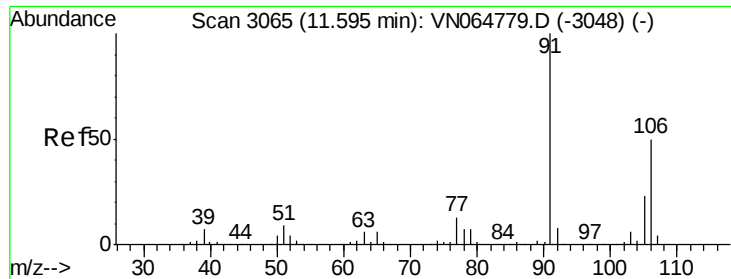
Tot Ion: 95 Resp: 161884
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.4
176 77.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064899.D
Acq: 3 Dec 2020 15:02

Tgt Ion: 117 Resp: 325649
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.8 38.6

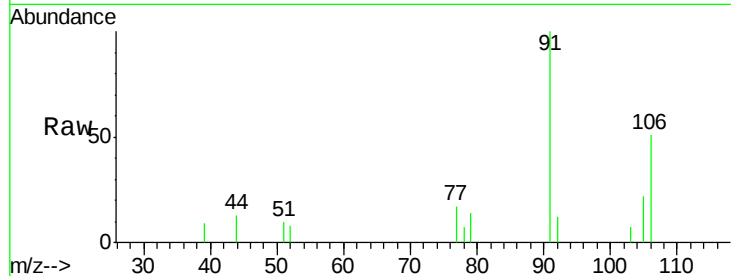




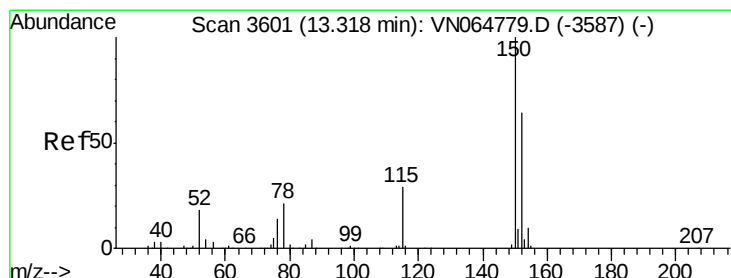
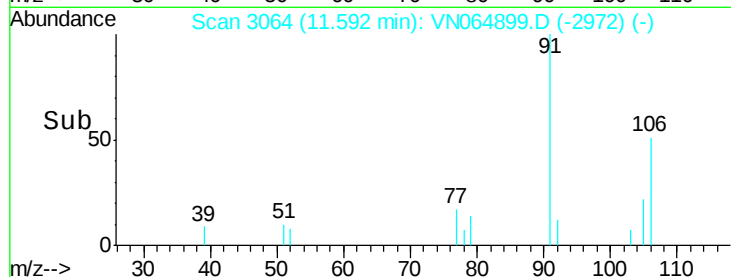
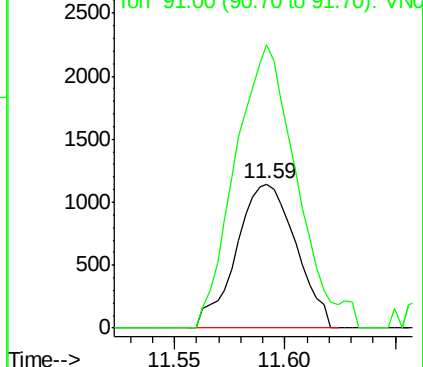
#68
m/p-Xvlenes
Concen: 0.486 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064899.D
Acq: 3 Dec 2020 15:02

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:106 Resp: 2149
Ion Ratio Lower Upper
106 100
91 202.1 161.0 241.4

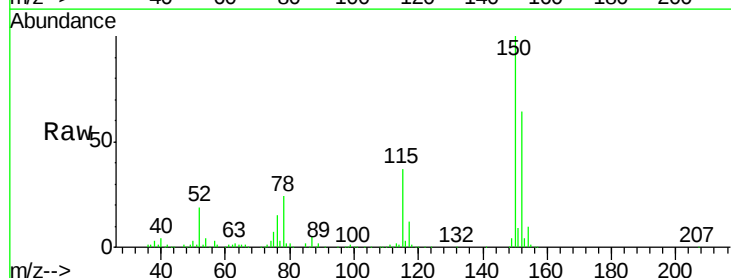


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

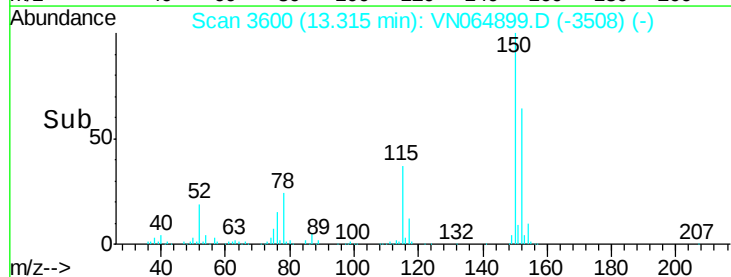
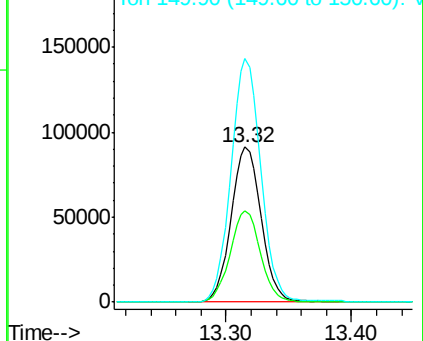


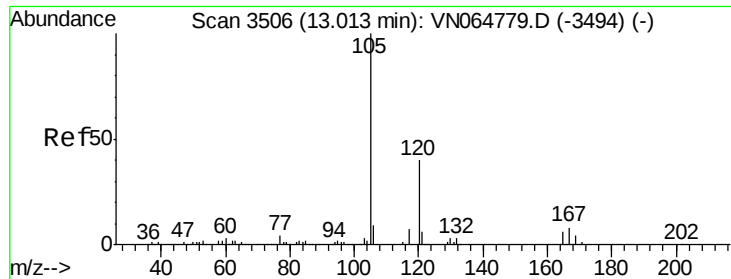
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064899.D
Acq: 3 Dec 2020 15:02

Tgt Ion:152 Resp: 152659
Ion Ratio Lower Upper
152 100
115 58.4 29.7 89.1
150 156.0 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

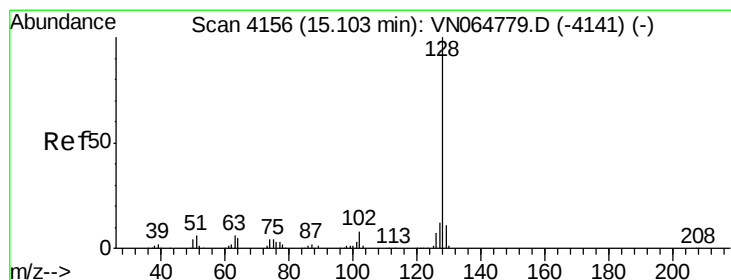
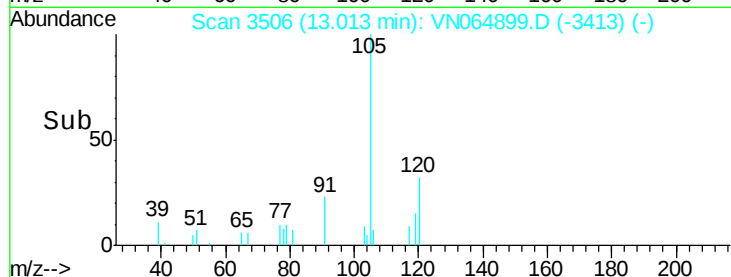
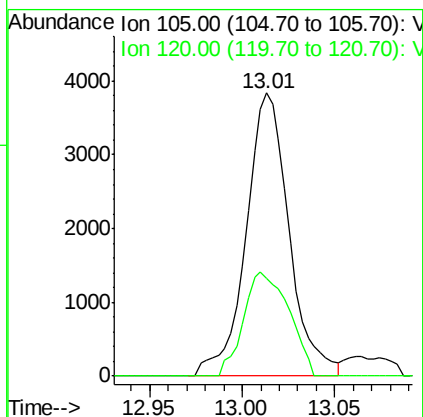
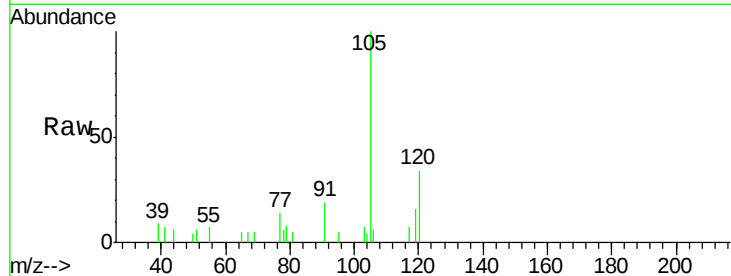




#84
 1,2,4-Trimethylbenzene
 Concen: 0.693 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064899.D
 Acq: 3 Dec 2020 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion:105 Resp: 6184
 Ion Ratio Lower Upper
 105 100
 120 38.6 23.1 69.2



#95
 Naphthalene
 Concen: 1.017 ug/l
 RT: 15.11 min Scan# 4157
 Delta R.T. 0.00 min
 Lab File: VN064899.D
 Acq: 3 Dec 2020 15:02

Tgt Ion:128 Resp: 9416
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 13.3 8.7 13.1#

