

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064902.D
 Acq On : 3 Dec 2020 16:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 04 04:12:04 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	179209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	328857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	148391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107230	51.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	102.94%	
35) Dibromofluoromethane	7.55	113	99577	51.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.62%	
50) Toluene-d8	10.06	98	395943	50.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.38	95	157156	55.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	111.84%	

Target Compounds

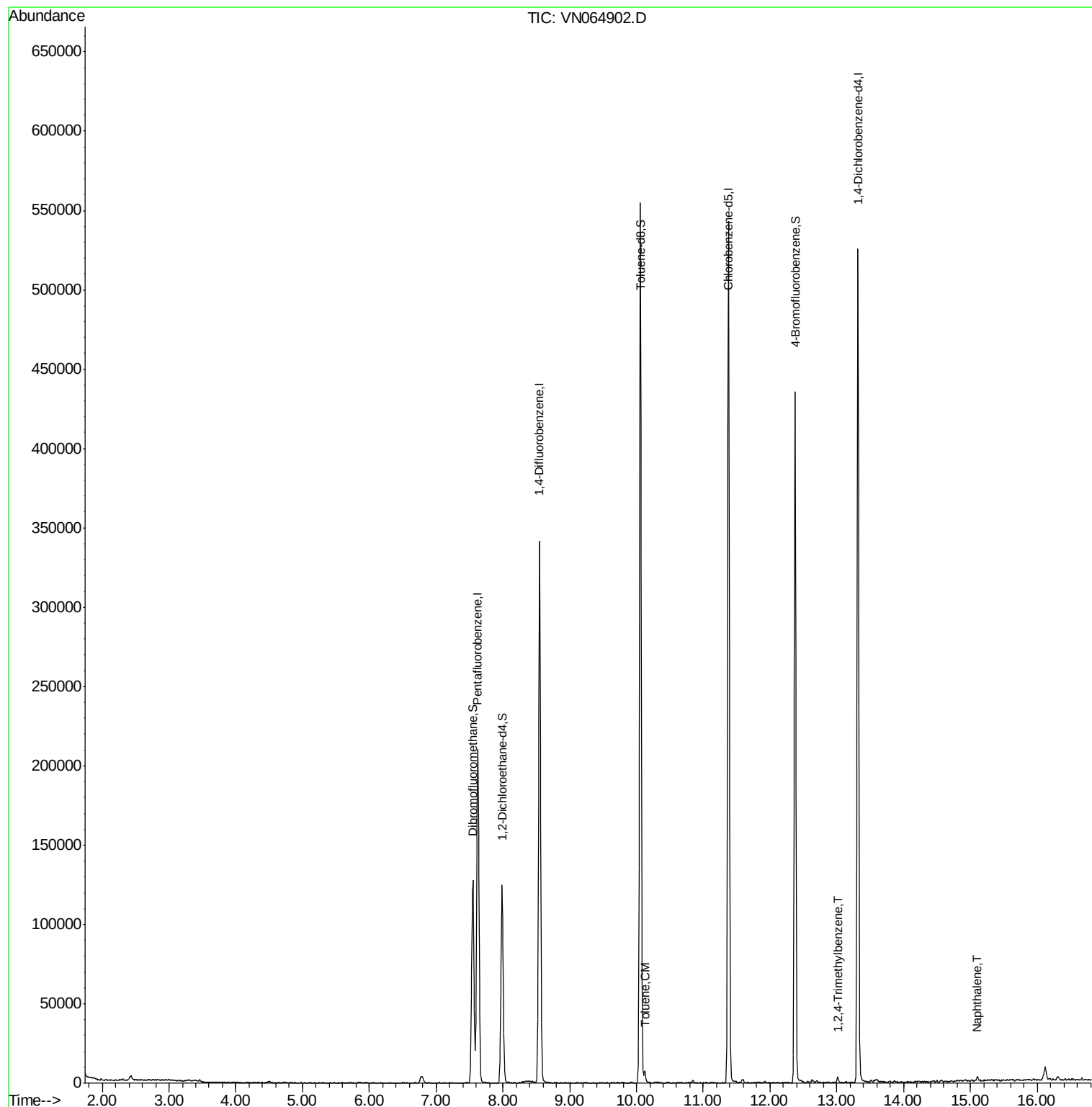
					Qvalue
52) Toluene	10.12	92	3184	0.567 ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2669	0.308 ug/l	92
95) Naphthalene	15.11	128	3606	0.401 ug/l #	90

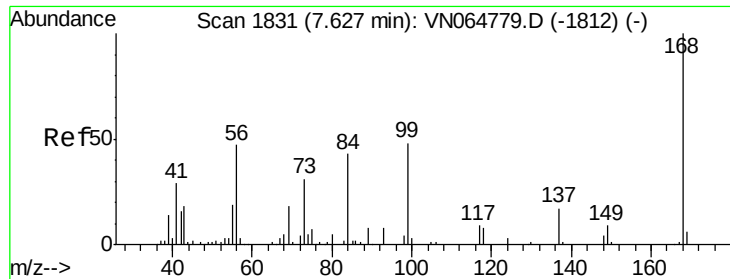
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120320\
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IBLK

Quant Time: Dec 04 04:12:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
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: VN064902.D

Acq: 3 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

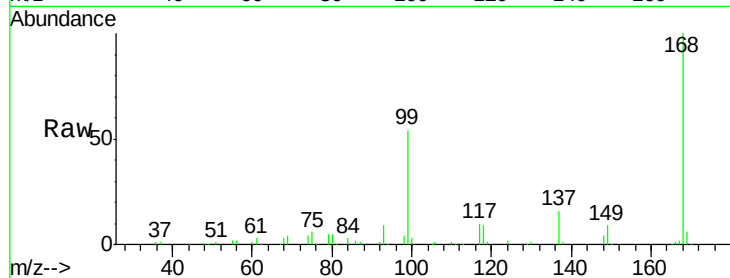
IBLK

Tot Ion:168 Resp: 179209

Ion Ratio Lower Upper

168 100

99 54.4 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

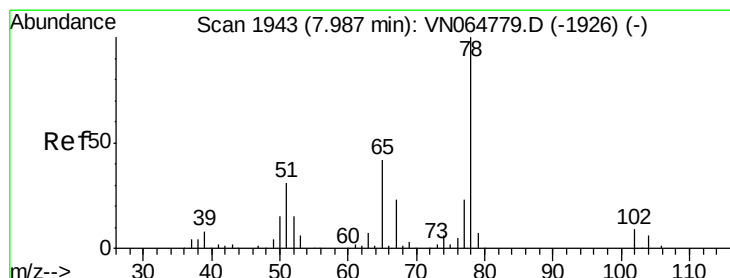
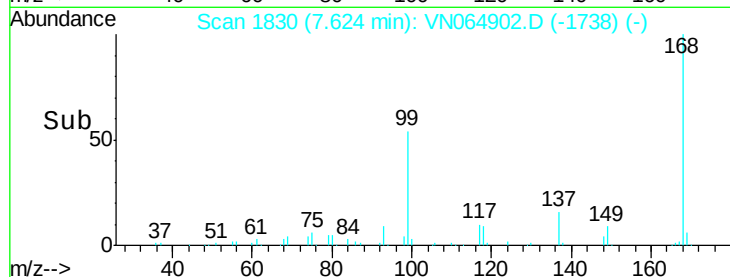
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.468 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064902.D

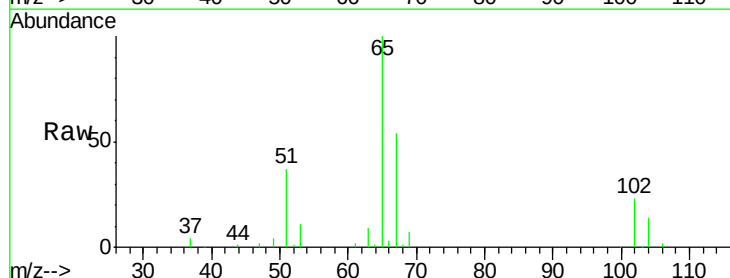
Acq: 3 Dec 2020 16:14

Tgt Ion: 65 Resp: 107230

Ion Ratio Lower Upper

65 100

67 53.7 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

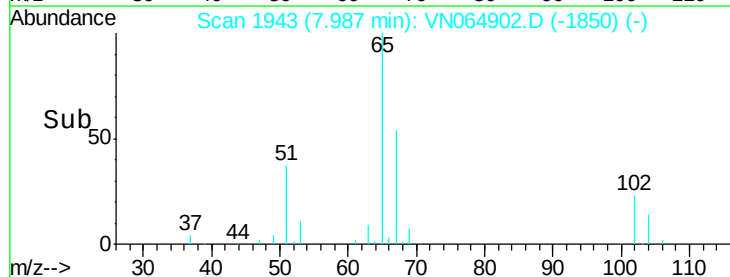
30000

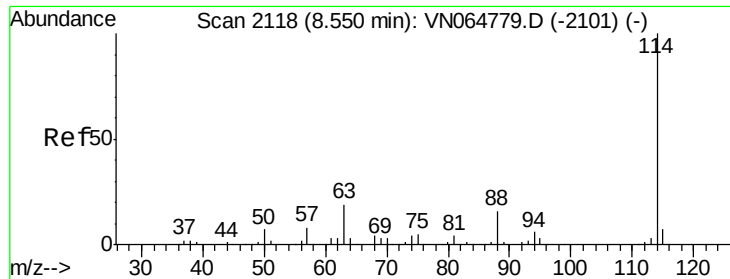
20000

10000

0

Time--> 7.90 7.95 8.00 8.05 8.10

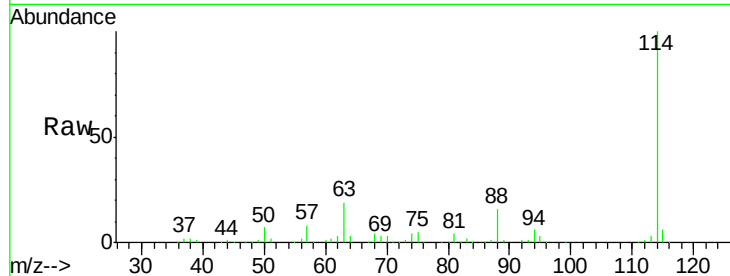




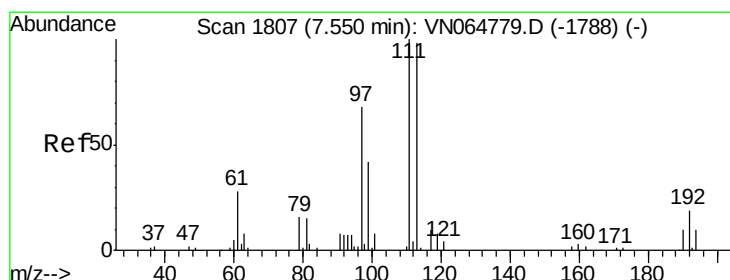
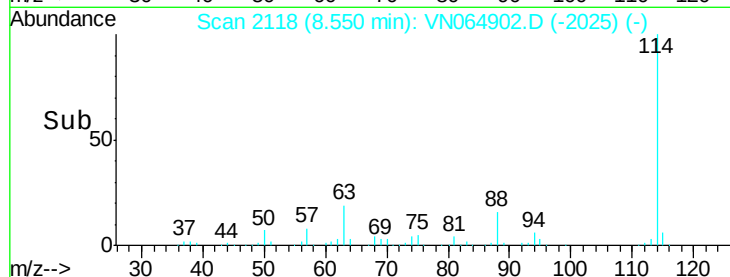
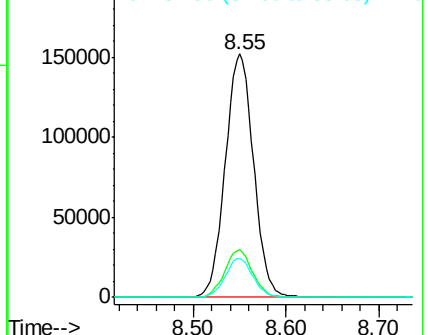
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064902.D
 Acq: 3 Dec 2020 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion:114 Resp: 321197
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 16.1 0.0 32.6

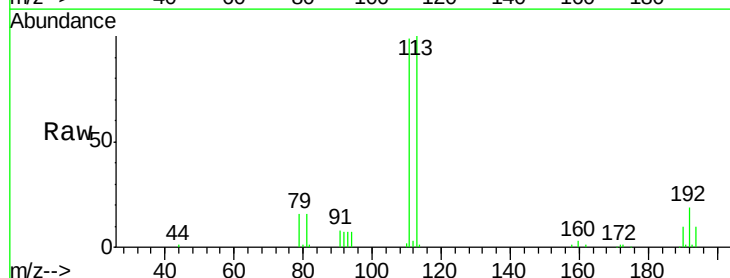


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

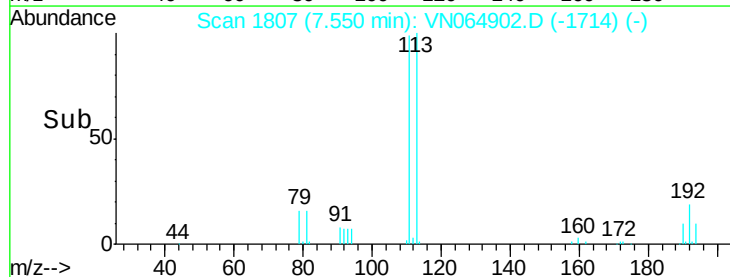
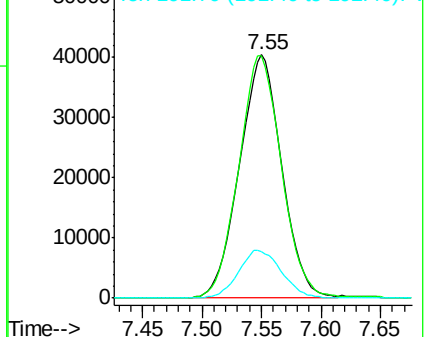


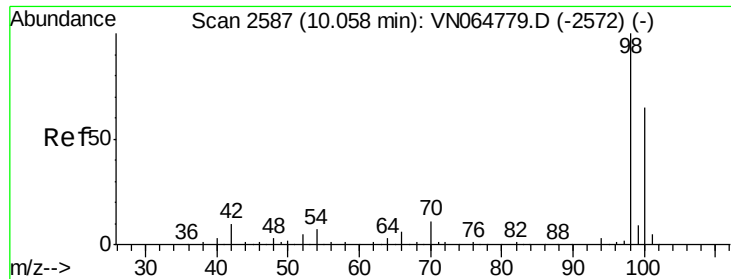
#35
 Dibromofluoromethane
 Concen: 51.811 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064902.D
 Acq: 3 Dec 2020 16:14

Tgt Ion:113 Resp: 99577
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.6 122.4
 192 19.8 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

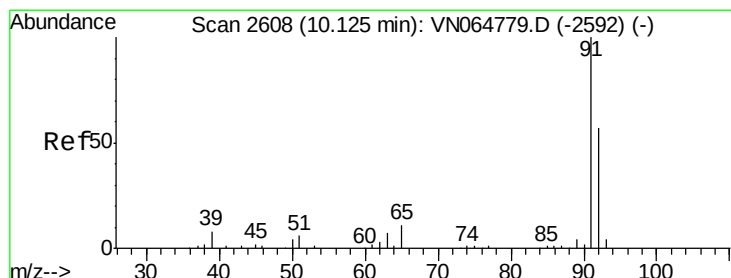
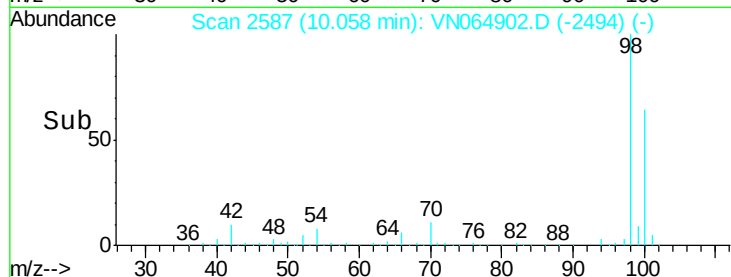
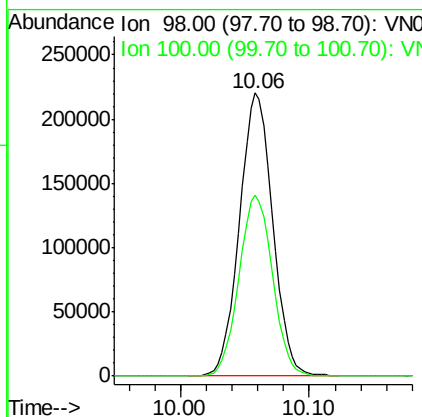
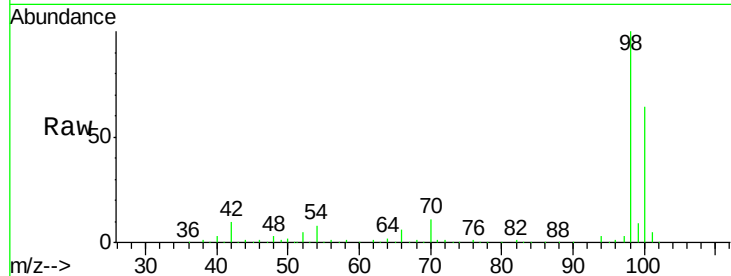




#50
Toluene-d8
Concen: 50.420 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064902.D
Acq: 3 Dec 2020 16:14

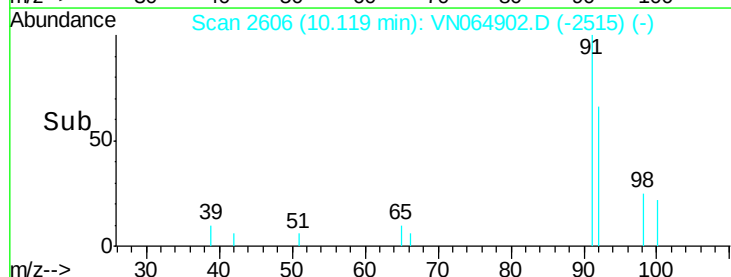
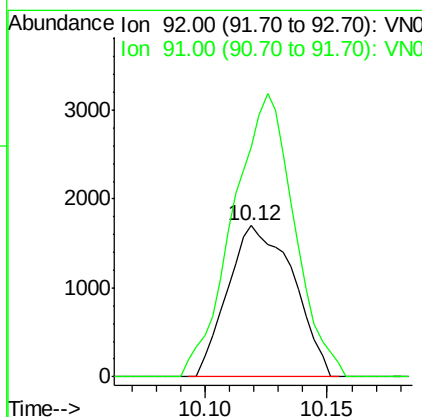
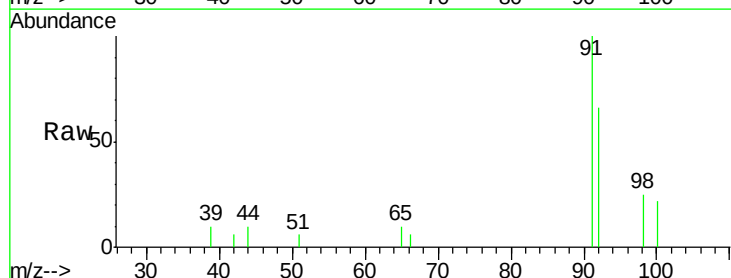
Instrument :
MSVOA_N
ClientSampled :
IBLK

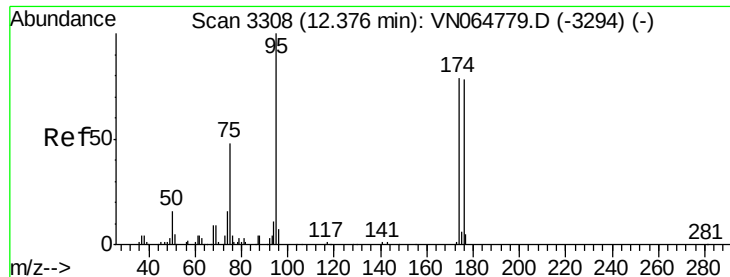
Tot Ion: 98 Resp: 395943
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#52
Toluene
Concen: 0.567 ug/l
RT: 10.12 min Scan# 2606
Delta R.T. -0.01 min
Lab File: VN064902.D
Acq: 3 Dec 2020 16:14

Tgt Ion: 92 Resp: 3184
Ion Ratio Lower Upper
92 100
91 174.8 139.1 208.7

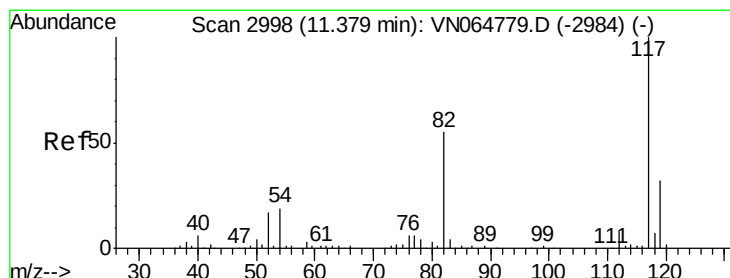
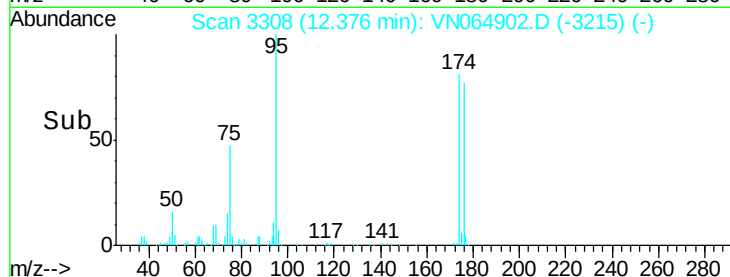
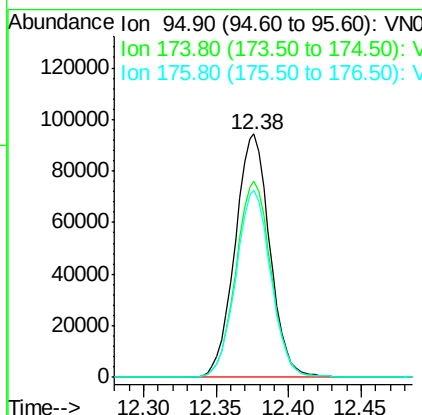
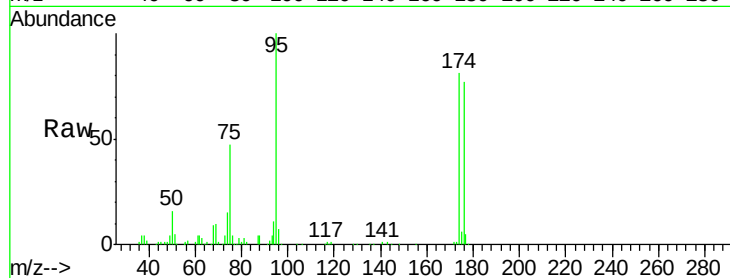




#62
4-Bromofluorobenzene
Concen: 55.919 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064902.D
Acq: 3 Dec 2020 16:14

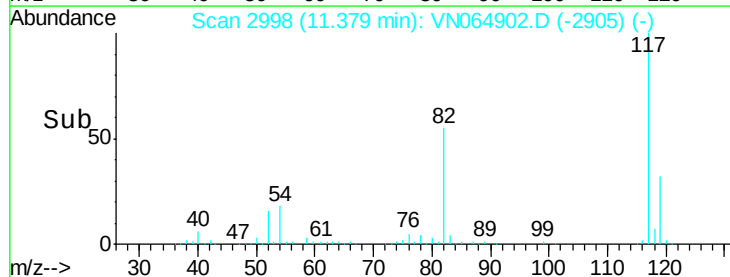
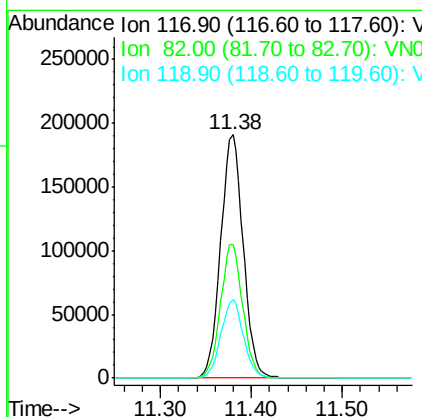
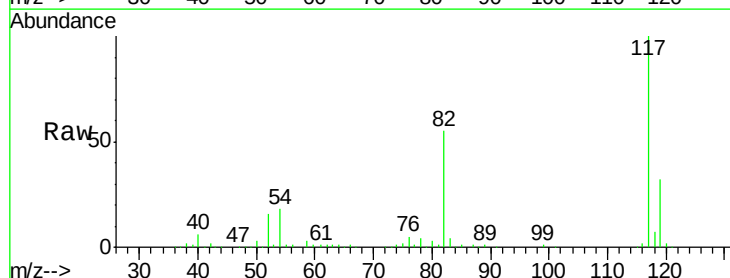
Instrument :
MSVOA_N
ClientSampled :
IBLK

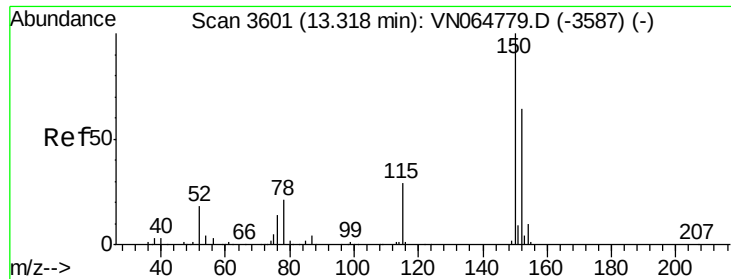
Tot Ion: 95 Resp: 157156
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.4
176 77.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064902.D
Acq: 3 Dec 2020 16:14

Tgt Ion: 117 Resp: 328857
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.2 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: VN064902.D

Acq: 3 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

IBLK

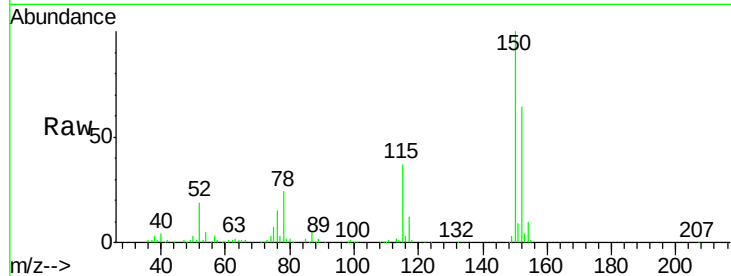
Tot Ion:152 Resp: 148391

Ion Ratio Lower Upper

152 100

115 60.0 29.7 89.1

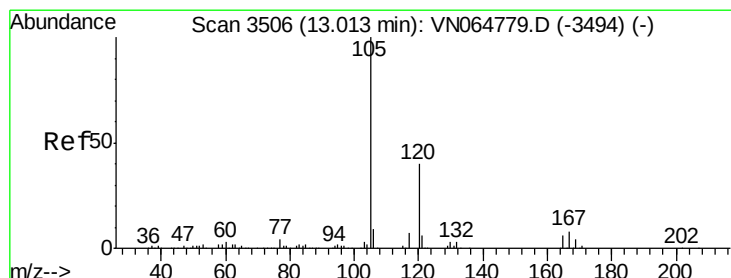
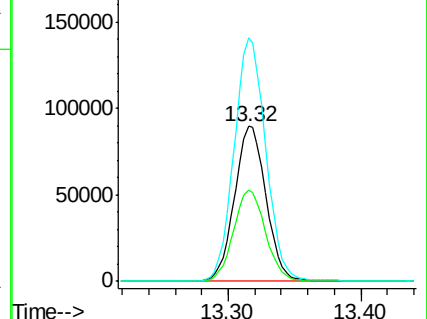
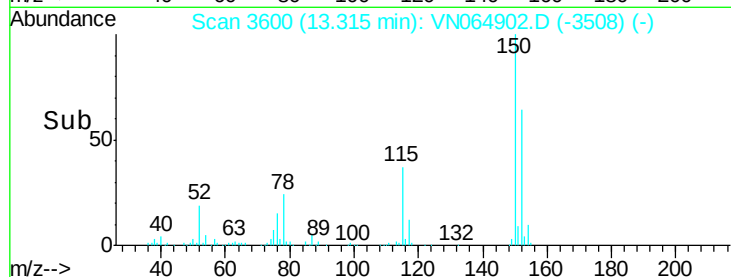
150 157.8 0.0 350.6



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: 0.308 ug/l

RT: 13.01 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN064902.D

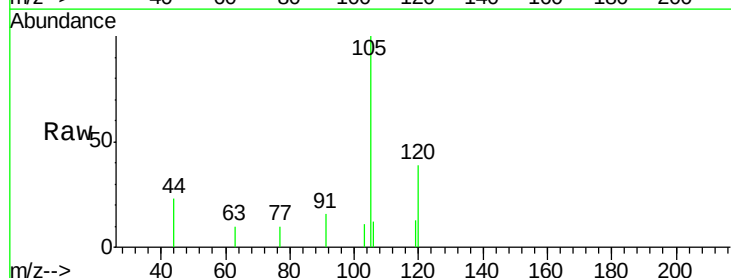
Acq: 3 Dec 2020 16:14

Tgt Ion:105 Resp: 2669

Ion Ratio Lower Upper

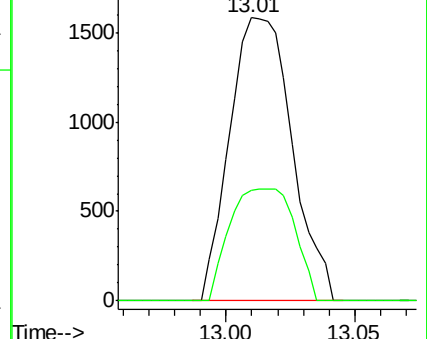
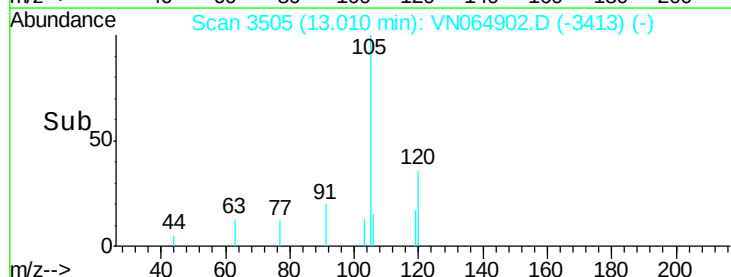
105 100

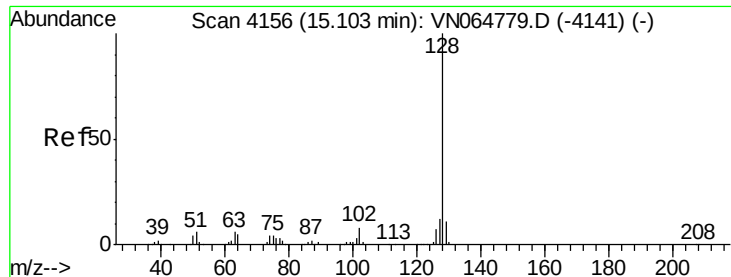
120 41.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.401 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064902.D

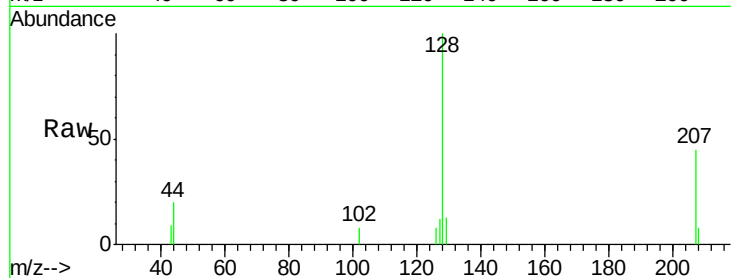
Acq: 3 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK



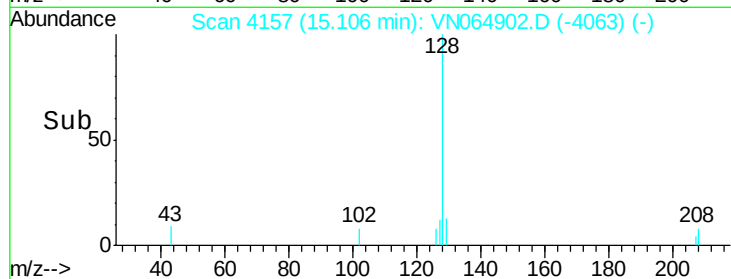
Tot Ion:128 Resp: 3606

Ion Ratio Lower Upper

128 100

127 9.6 10.3 15.5#

129 6.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

