

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064770.D
 Acq On : 20 Nov 2020 9:07
 Operator : JC/MD
 Sample : L4779-05 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1555

Quant Time: Nov 24 08:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

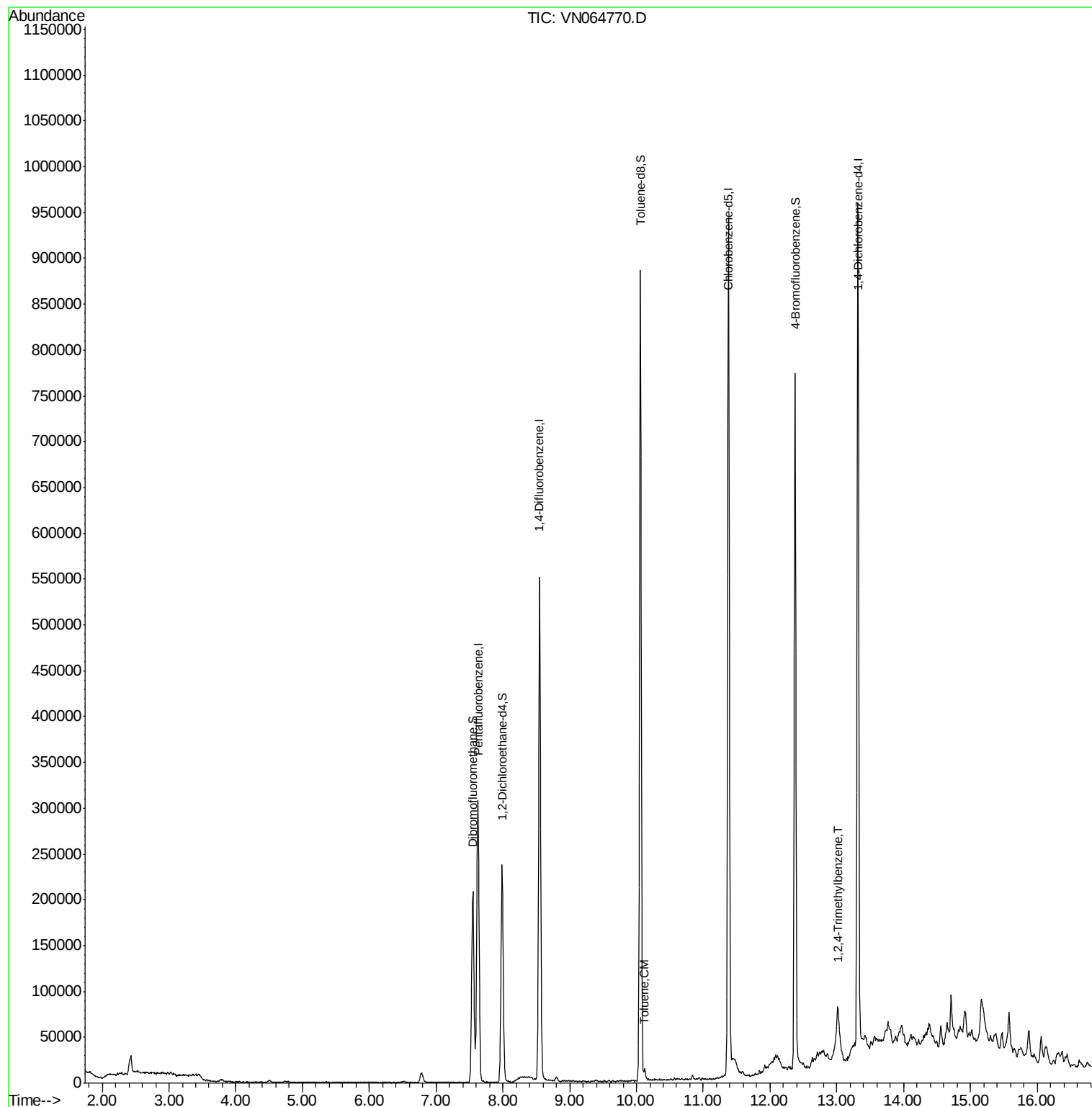
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	215839	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
35) Dibromofluoromethane	7.55	113	153008	60.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.06%	
50) Toluene-d8	10.06	98	590522	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.37	95	258272	60.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.28%	
Target Compounds						
52) Toluene	10.13	92	3445	0.439	ug/l	Qvalue 100
84) 1,2,4-Trimethylbenzene	13.01	105	13024	0.973	ug/l	90

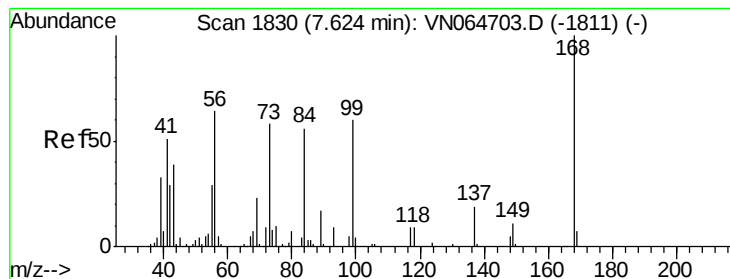
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064770.D

Acq: 20 Nov 2020 9:07

Instrument :

MSVOA_N

ClientSampled :

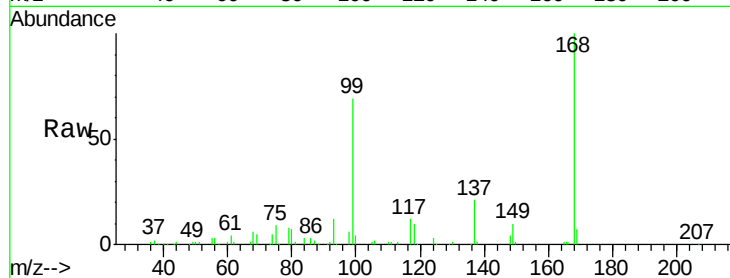
1555

Tot Ion:168 Resp: 216476

Ion Ratio Lower Upper

168 100

99 69.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

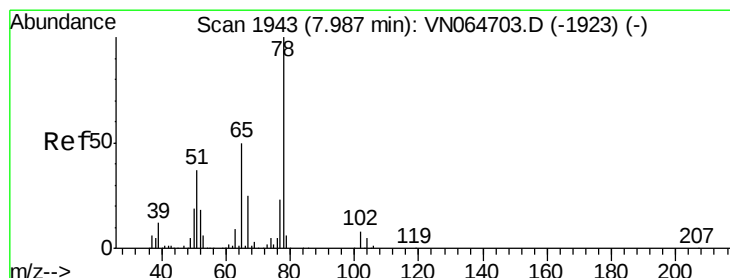
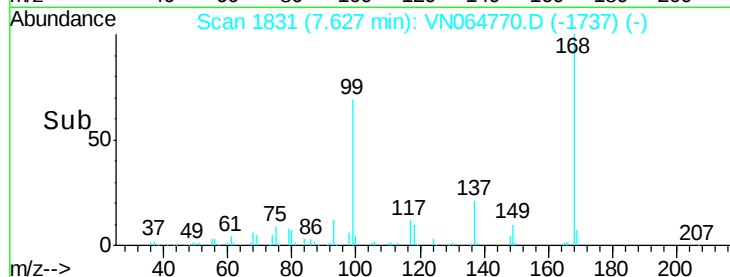
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 56.678 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064770.D

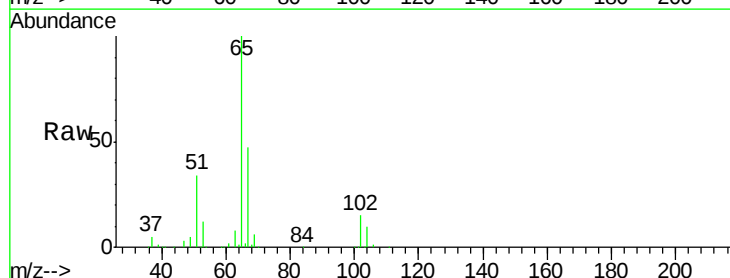
Acq: 20 Nov 2020 9:07

Tgt Ion: 65 Resp: 215839

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

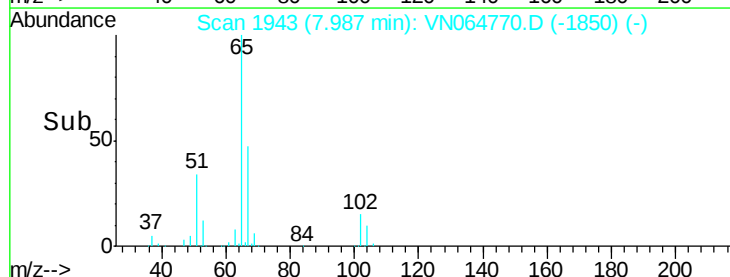
60000

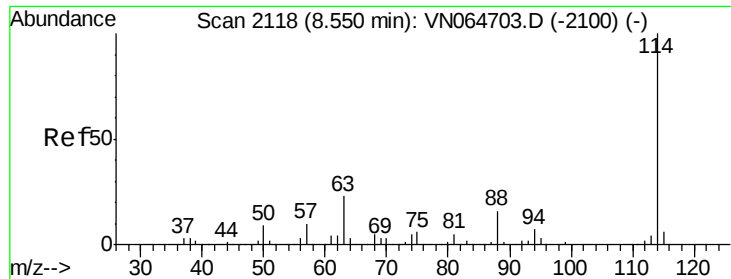
40000

20000

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: VN064770.D

Acq: 20 Nov 2020 9:07

Instrument :

MSVOA_N

ClientSampled :

1555

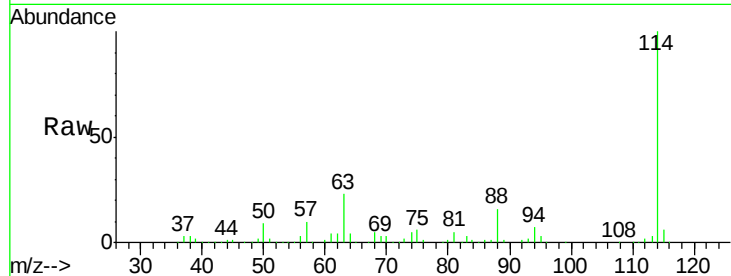
Tot Ion:114 Resp: 444149

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

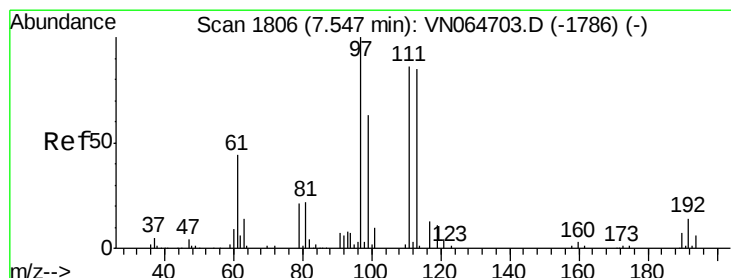
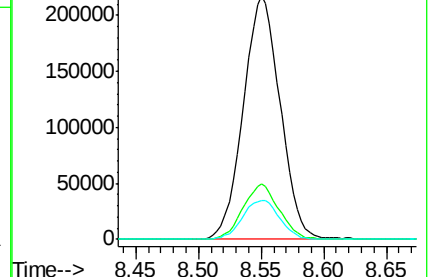
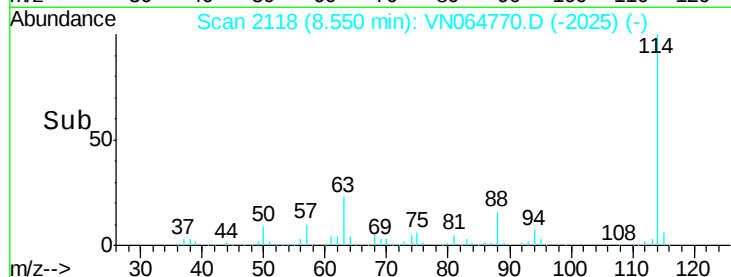
88 15.9 0.0 31.2



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: 60.526 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064770.D

Acq: 20 Nov 2020 9:07

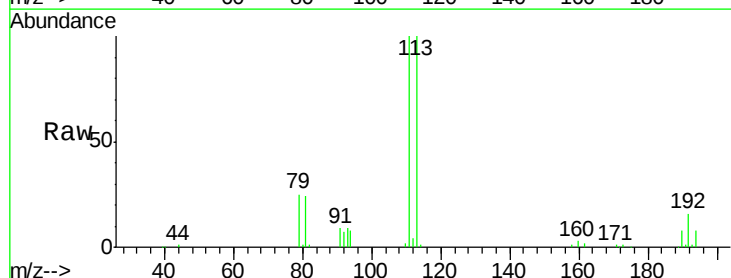
Tgt Ion:113 Resp: 153008

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

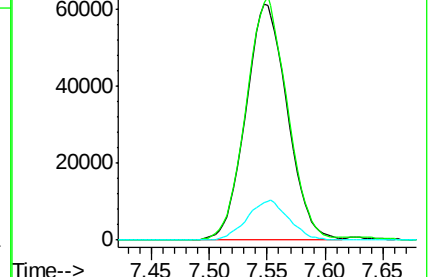
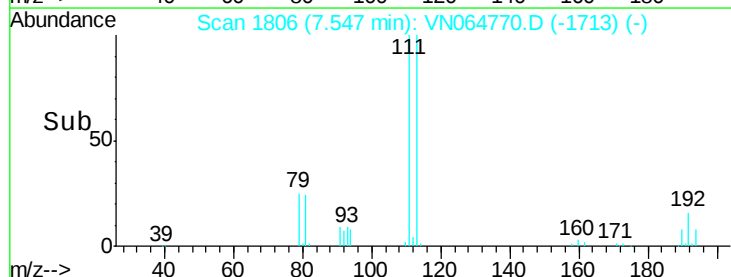
192 16.9 12.7 19.1

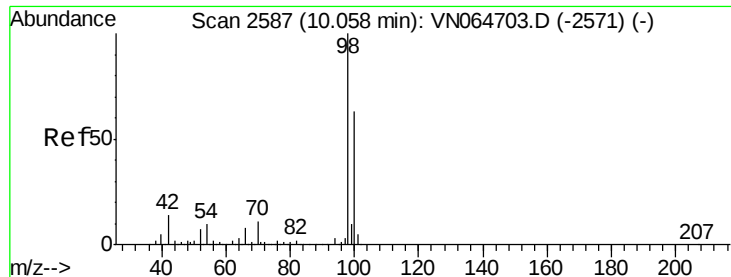


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.398 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064770.D

Acq: 20 Nov 2020 9:07

Instrument :

MSVOA_N

ClientSampleId :

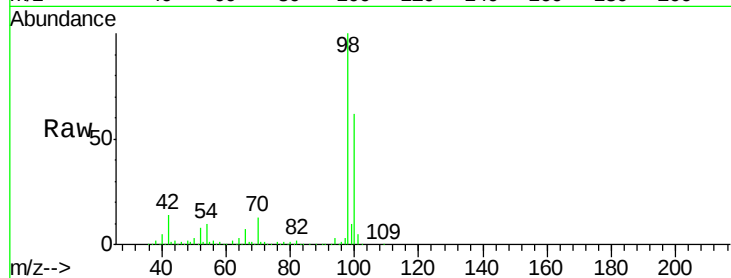
1555

Tot Ion: 98 Resp: 590522

Ion Ratio Lower Upper

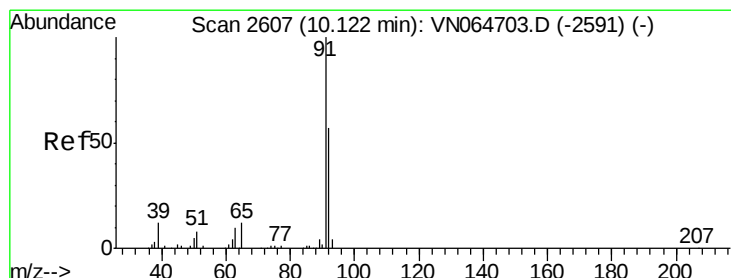
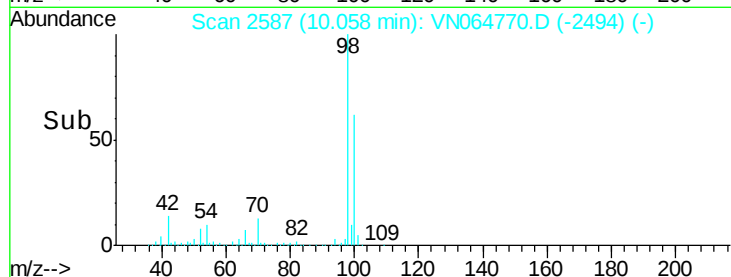
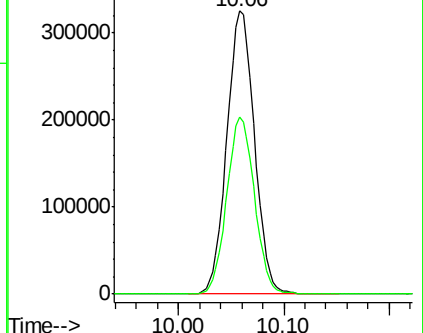
98 100

100 62.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064770.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064770.D (-2494) (-)



#52

Toluene

Concen: 0.439 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064770.D

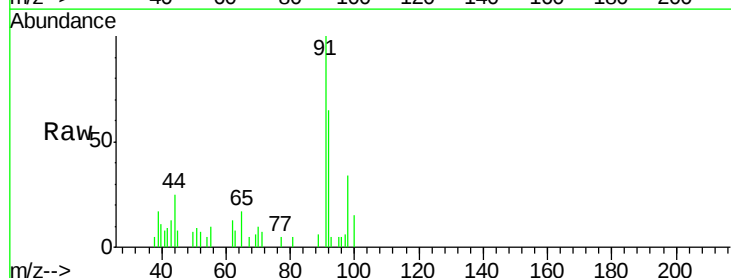
Acq: 20 Nov 2020 9:07

Tgt Ion: 92 Resp: 3445

Ion Ratio Lower Upper

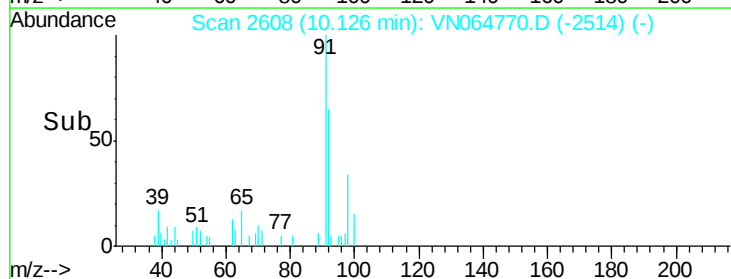
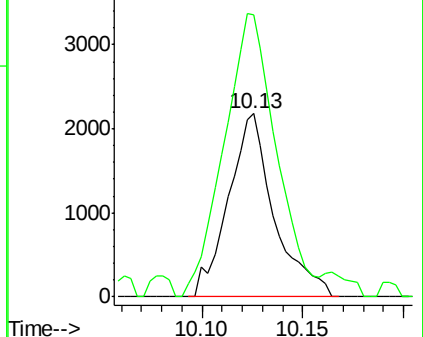
92 100

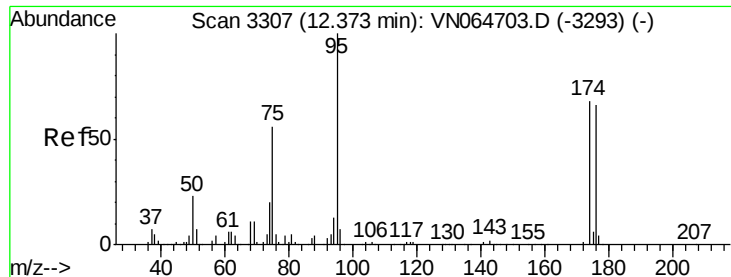
91 176.7 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064770.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN064770.D (-2514) (-)

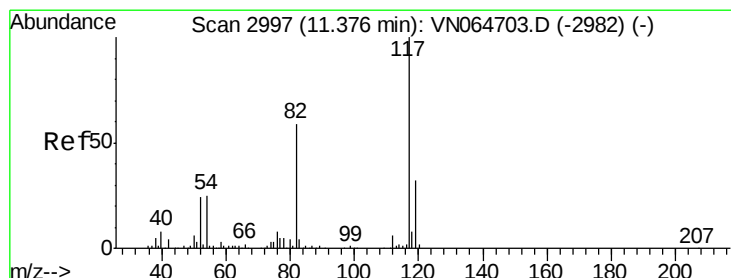
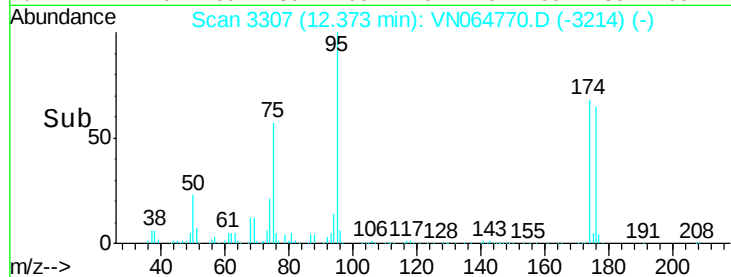
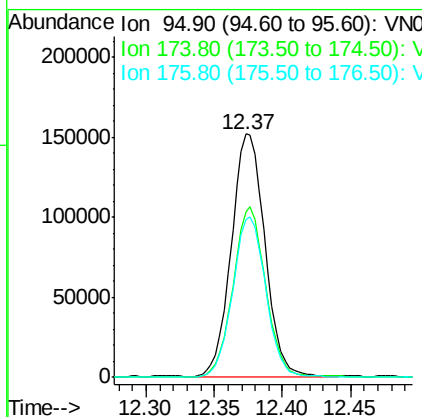
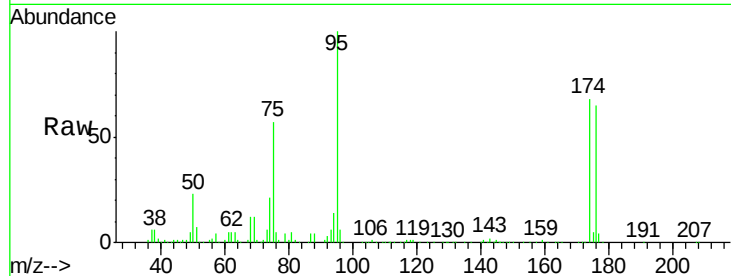




#62
4-Bromofluorobenzene
Concen: 60.141 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064770.D
Acq: 20 Nov 2020 9:07

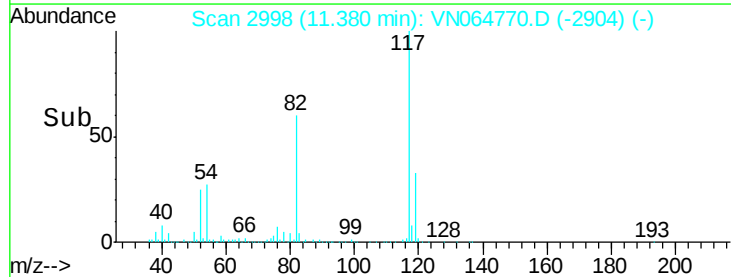
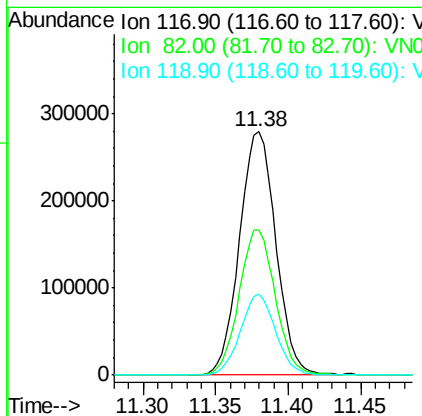
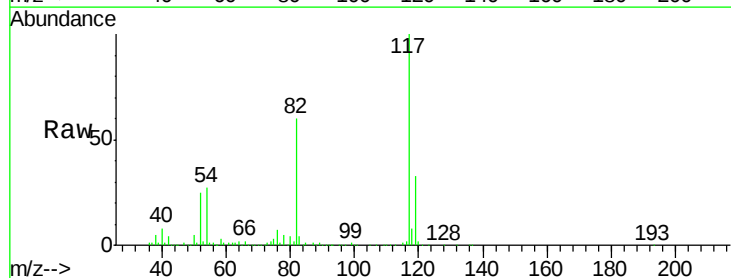
Instrument :
MSVOA_N
ClientSampled :
1555

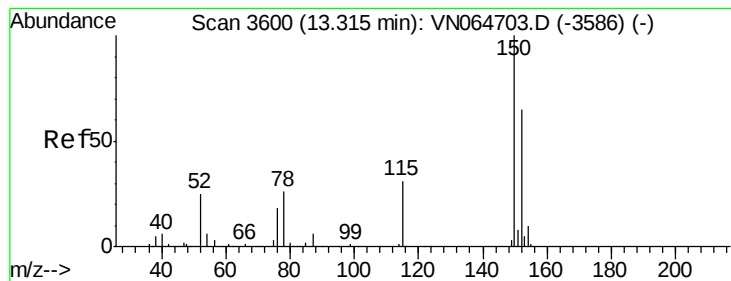
Tot Ion	95	Resp	258272
Ion Ratio	Lower	Upper	
95	100		
174	68.2	0.0	136.8
176	65.6	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064770.D
Acq: 20 Nov 2020 9:07

Tgt Ion	117	Resp	488684
Ion Ratio	Lower	Upper	
117	100		
82	59.6	47.0	70.6
119	33.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064770.D

Acq: 20 Nov 2020 9:07

Instrument :

MSVOA_N

ClientSampleId :

1555

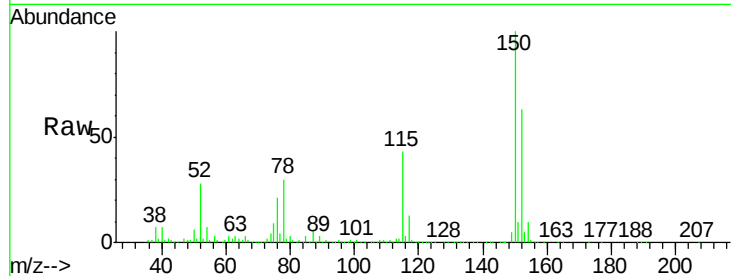
Tot Ion:152 Resp: 222484

Ion Ratio Lower Upper

152 100

115 67.6 32.1 96.3

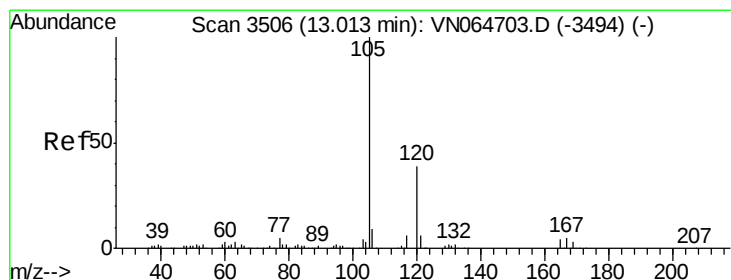
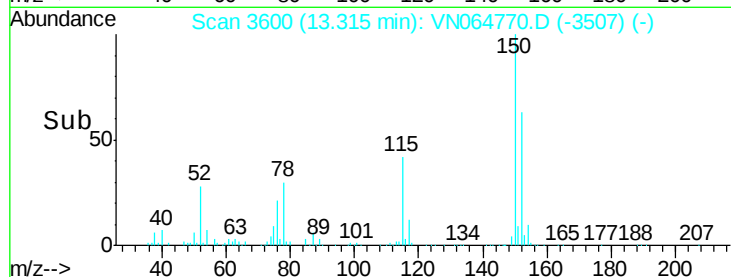
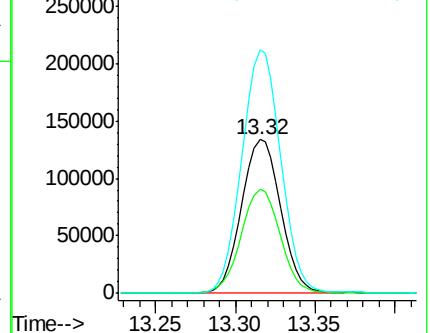
150 158.9 0.0 344.8



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: 0.973 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064770.D

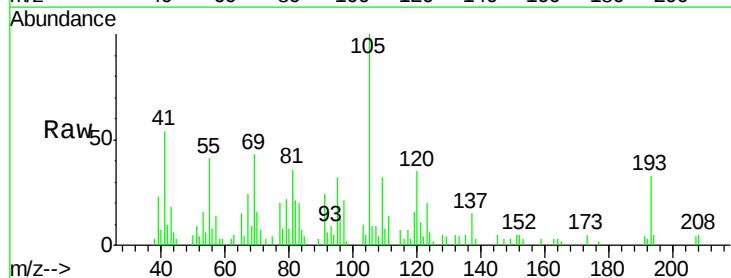
Acq: 20 Nov 2020 9:07

Tgt Ion:105 Resp: 13024

Ion Ratio Lower Upper

105 100

120 37.7 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

