

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063954.D
 Acq On : 7 Oct 2020 19:43
 Operator : JC/MD
 Sample : L4260-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 08 06:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

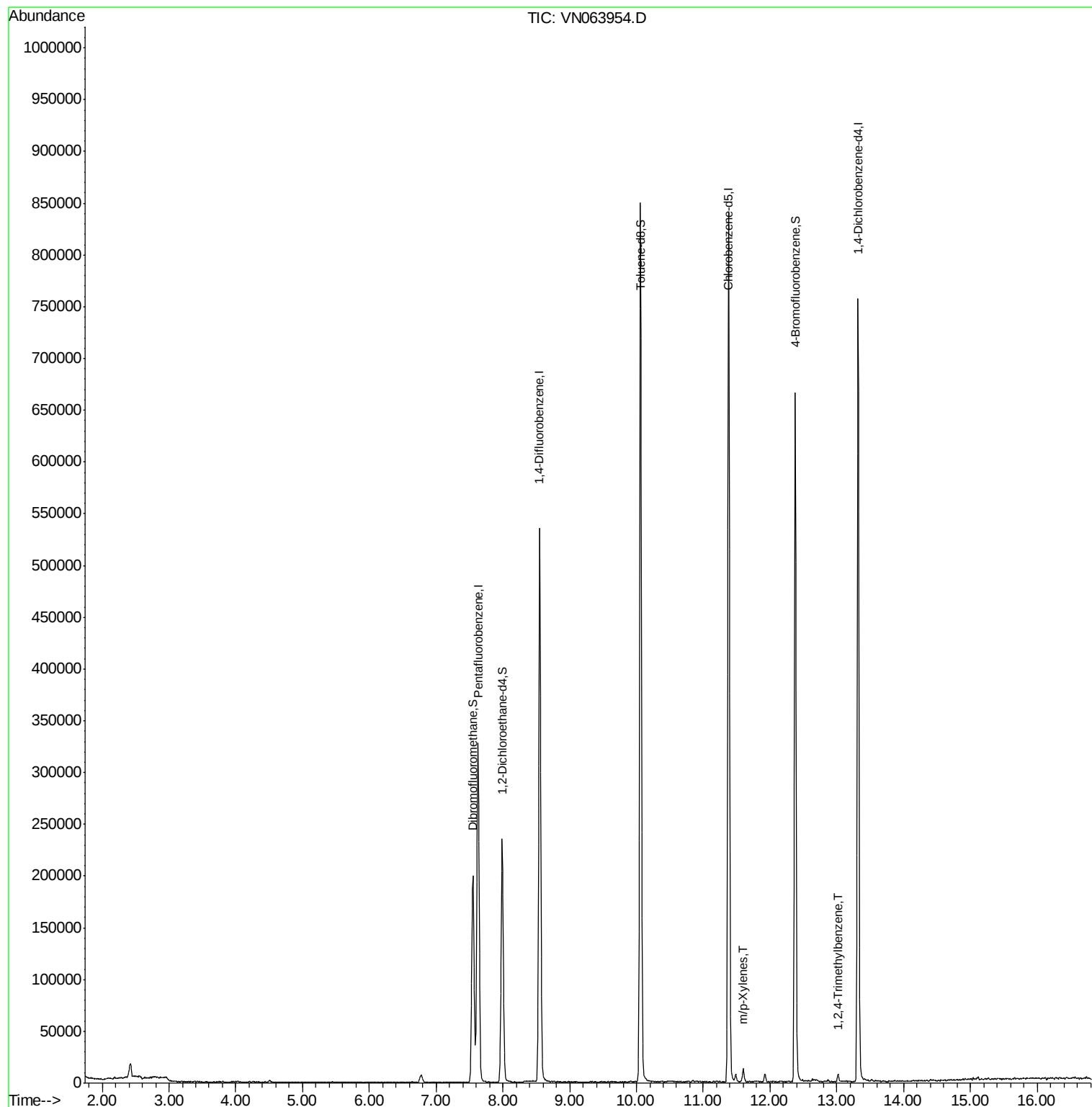
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208551	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.55	113	150820	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.06	98	561194	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.38	95	222509	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
Target Compounds						
68) m/p-Xylenes	11.60	106	2775	0.439	ug/l #	48
84) 1,2,4-Trimethylbenzene	13.02	105	4575	0.392	ug/l	93

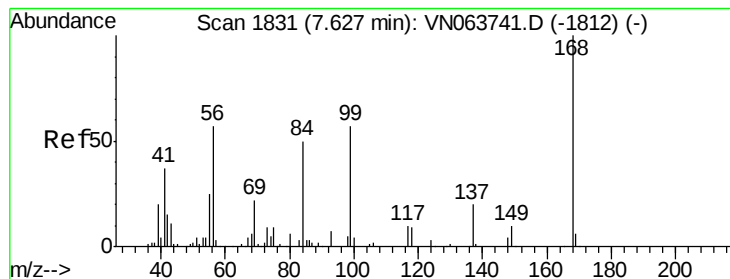
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063954.D

Acq: 7 Oct 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

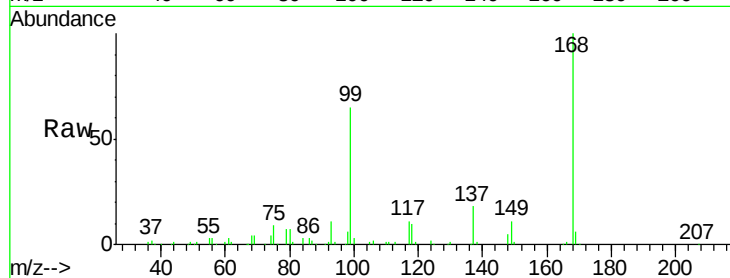
TRIP-BLANK

Tot Ion:168 Resp: 243823

Ion Ratio Lower Upper

168 100

99 65.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

120000

100000

80000

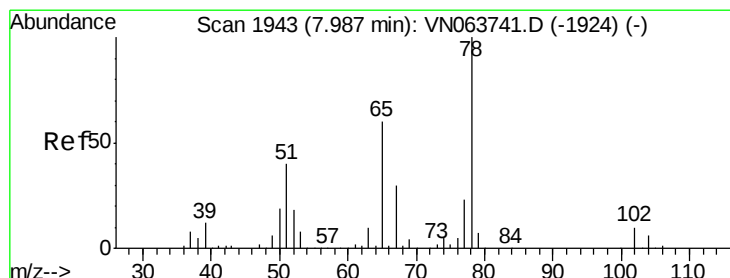
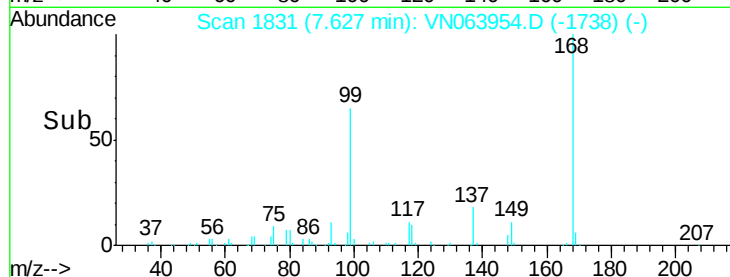
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063954.D

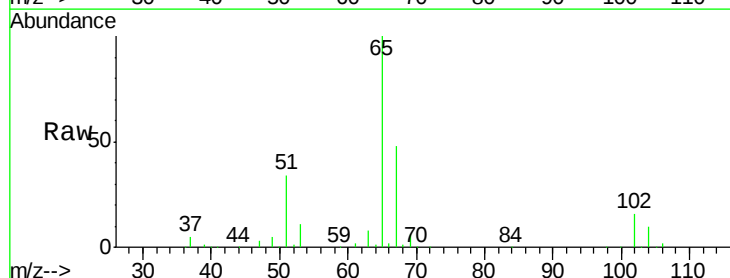
Acq: 7 Oct 2020 19:43

Tgt Ion: 65 Resp: 208551

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

100000

80000

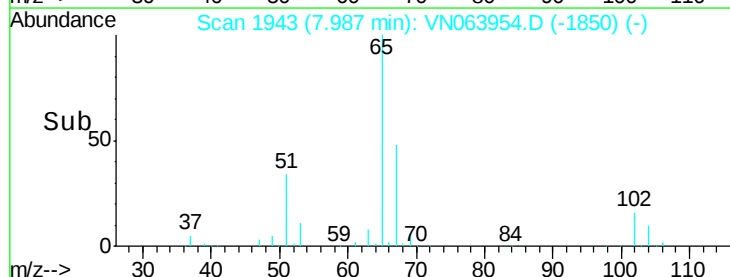
60000

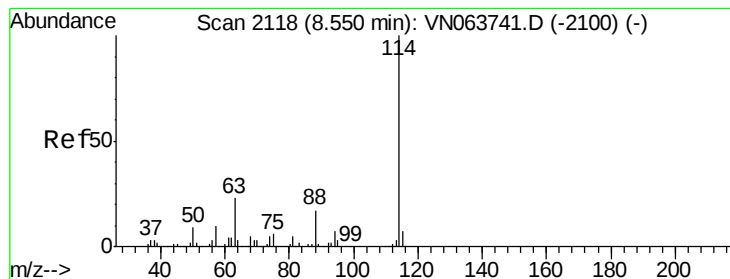
40000

20000

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: VN063954.D

Acq: 7 Oct 2020 19:43

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

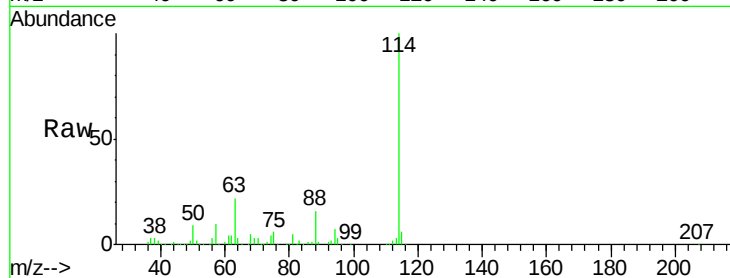
Tot Ion:114 Resp: 442475

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

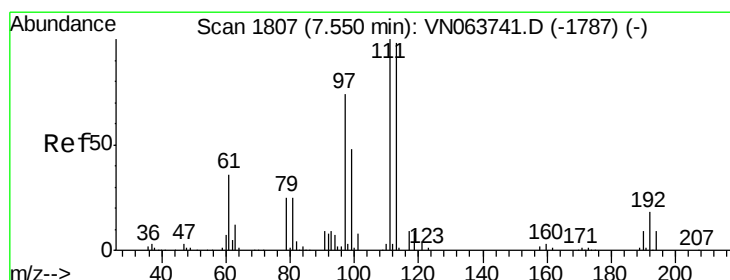
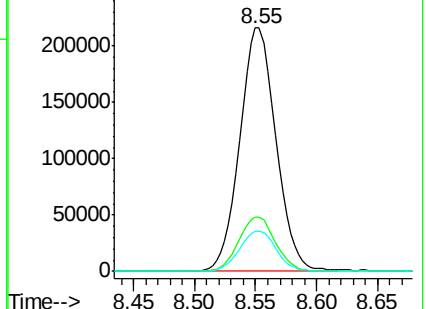
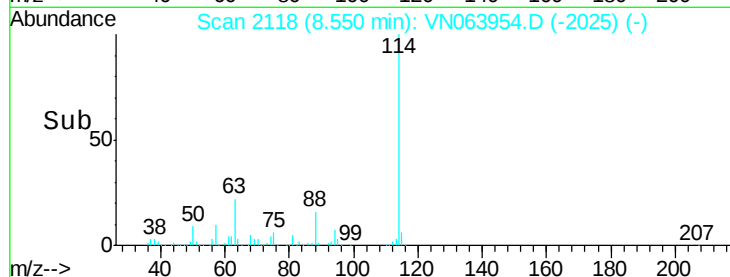
88 16.3 0.0 34.0



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: 49.123 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063954.D

Acq: 7 Oct 2020 19:43

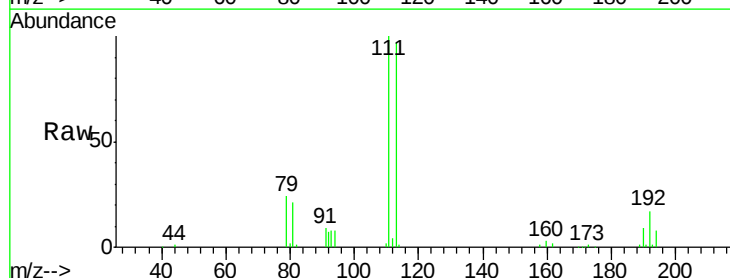
Tgt Ion:113 Resp: 150820

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

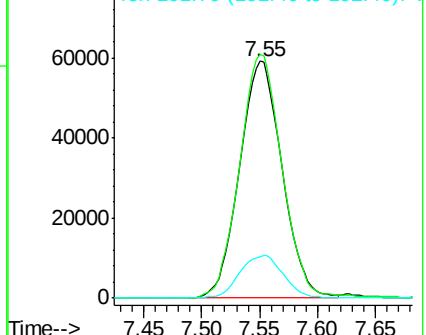
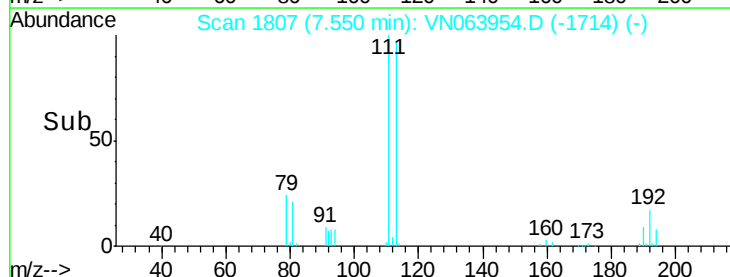
192 18.5 14.2 21.2

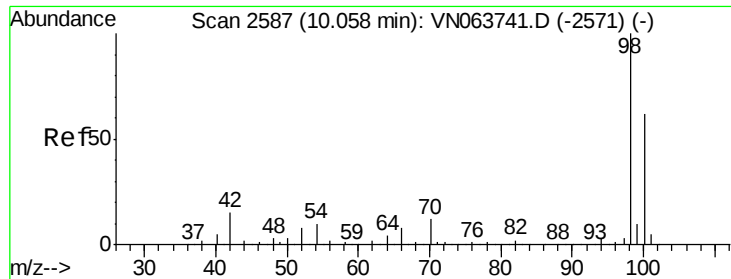


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.217 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063954.D

Acq: 7 Oct 2020 19:43

Instrument :

MSVOA_N

ClientSampled :

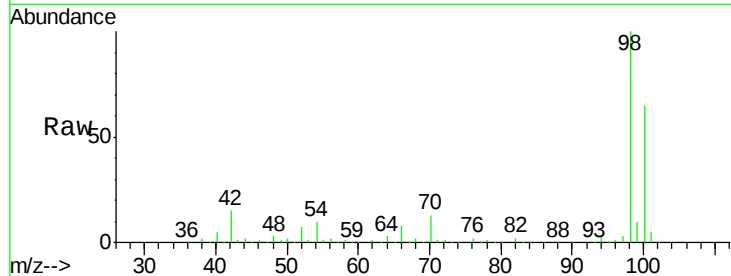
TRIP-BLANK

Tot Ion: 98 Resp: 561194

Ion Ratio Lower Upper

98 100

100 64.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

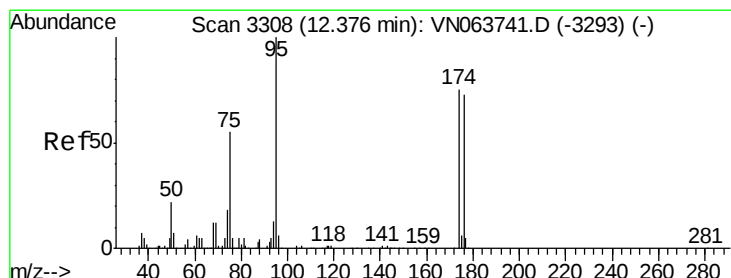
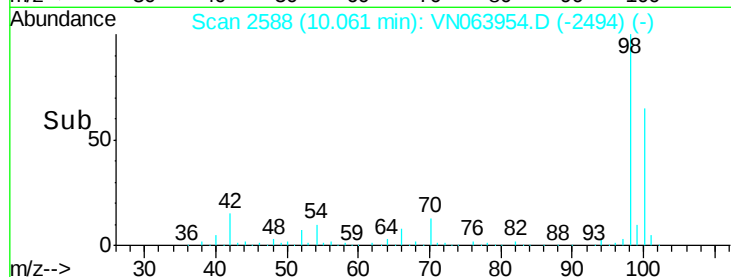
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.857 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063954.D

Acq: 7 Oct 2020 19:43

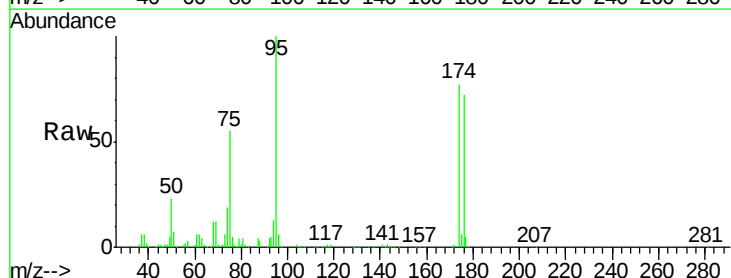
Tgt Ion: 95 Resp: 222509

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 73.4 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

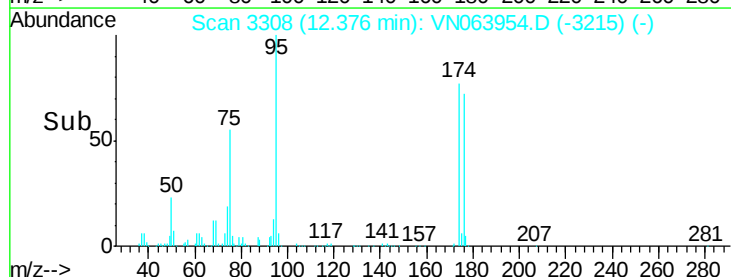
150000

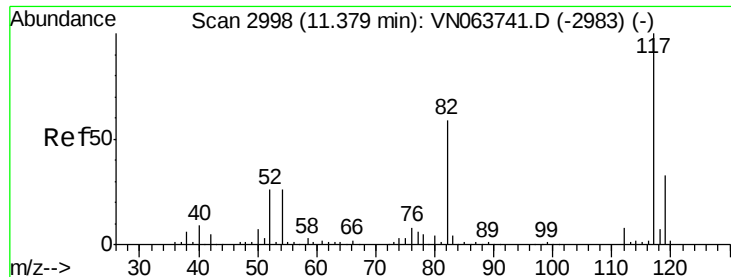
100000

50000

0

Time-->

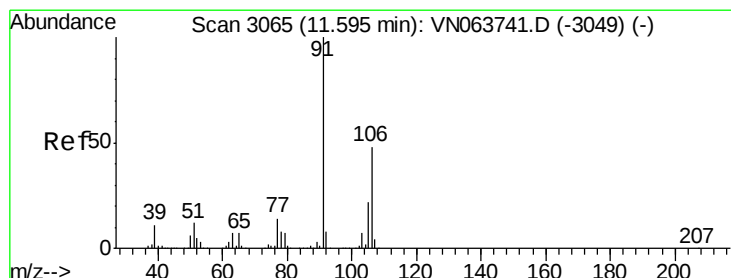
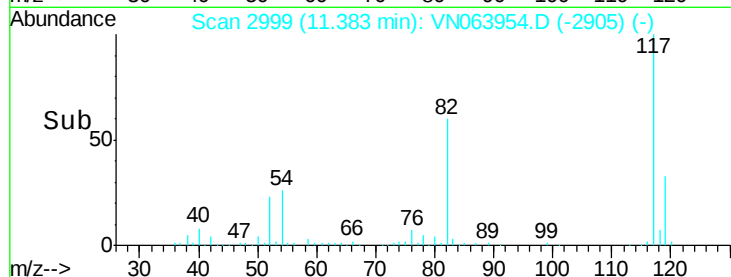
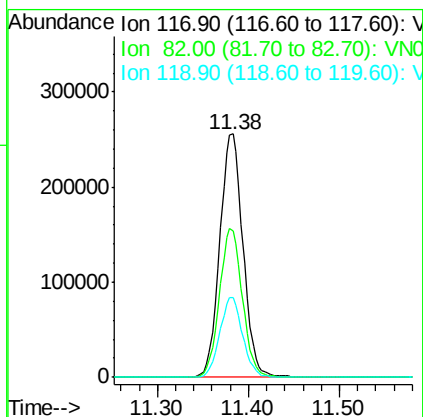
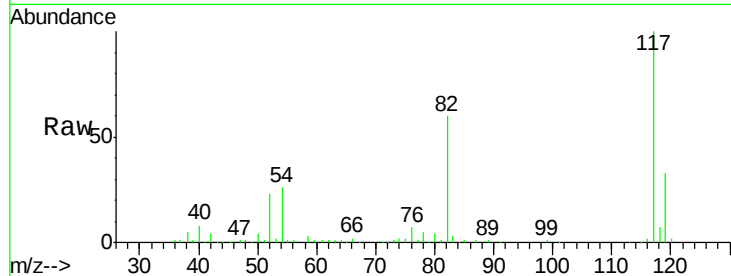




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063954.D
Acq: 7 Oct 2020 19:43

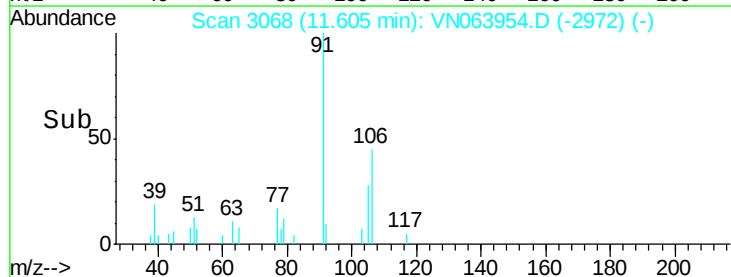
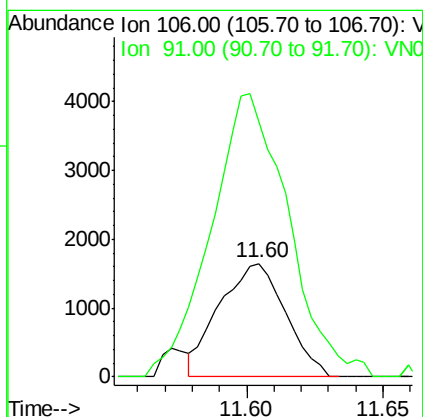
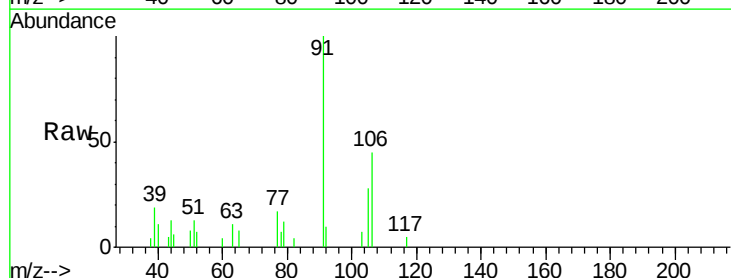
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

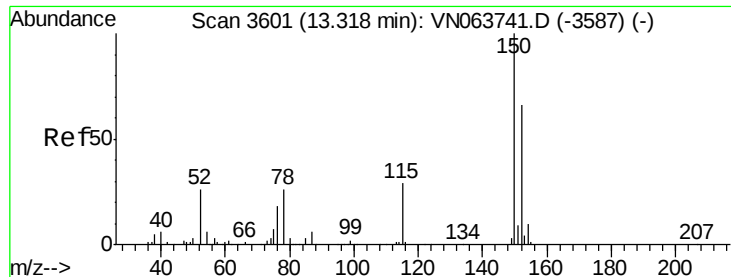
Tot Ion:117 Resp: 454414
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.6 26.4 39.6



#68
m/p-Xylenes
Concen: 0.439 ug/l
RT: 11.60 min Scan# 3068
Delta R.T. 0.01 min
Lab File: VN063954.D
Acq: 7 Oct 2020 19:43

Tgt Ion:106 Resp: 2775
Ion Ratio Lower Upper
106 100
91 291.8 168.0 252.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063954.D

Acq: 7 Oct 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

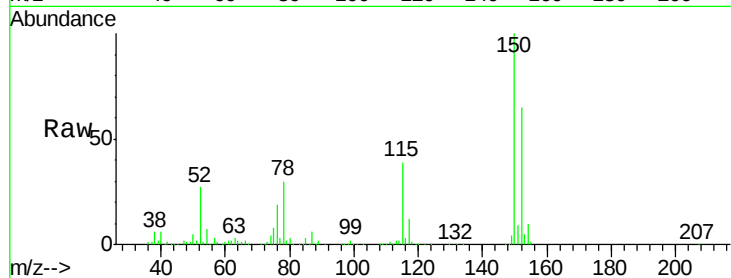
Tot Ion:152 Resp: 191217

Ion Ratio Lower Upper

152 100

115 61.3 31.3 93.8

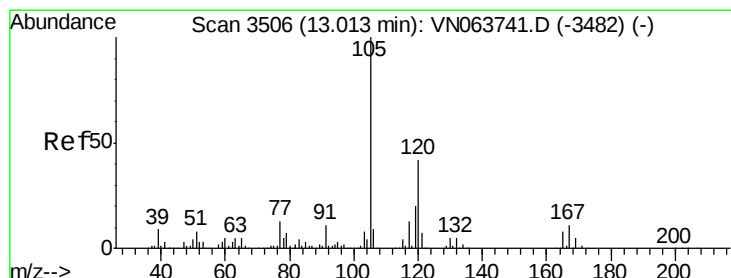
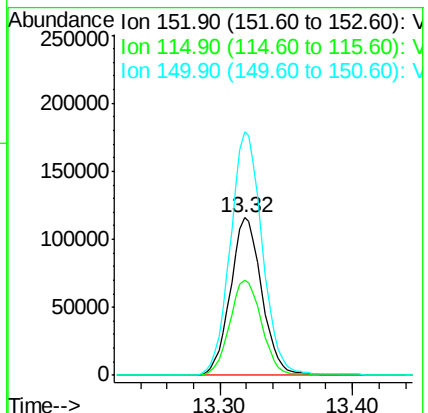
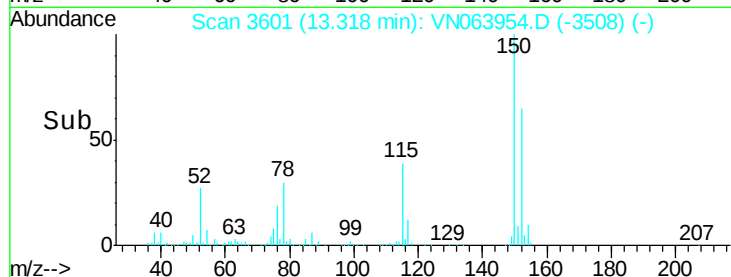
150 157.8 0.0 341.8



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: 0.392 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063954.D

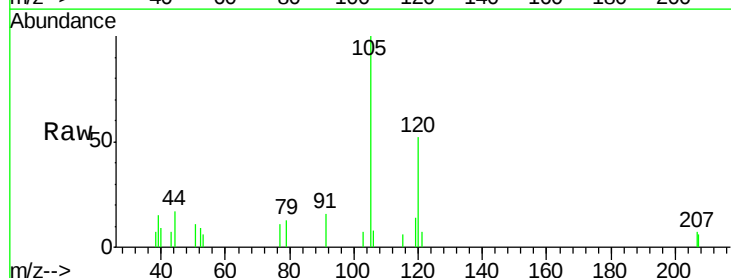
Acq: 7 Oct 2020 19:43

Tgt Ion:105 Resp: 4575

Ion Ratio Lower Upper

105 100

120 46.3 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

