

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063752.D
 Acq On : 30 Sep 2020 16:20
 Operator : JC/MD
 Sample : L4173-01
 Misc : 2.44uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-(3FT)

Quant Time: Oct 01 02:50:14 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

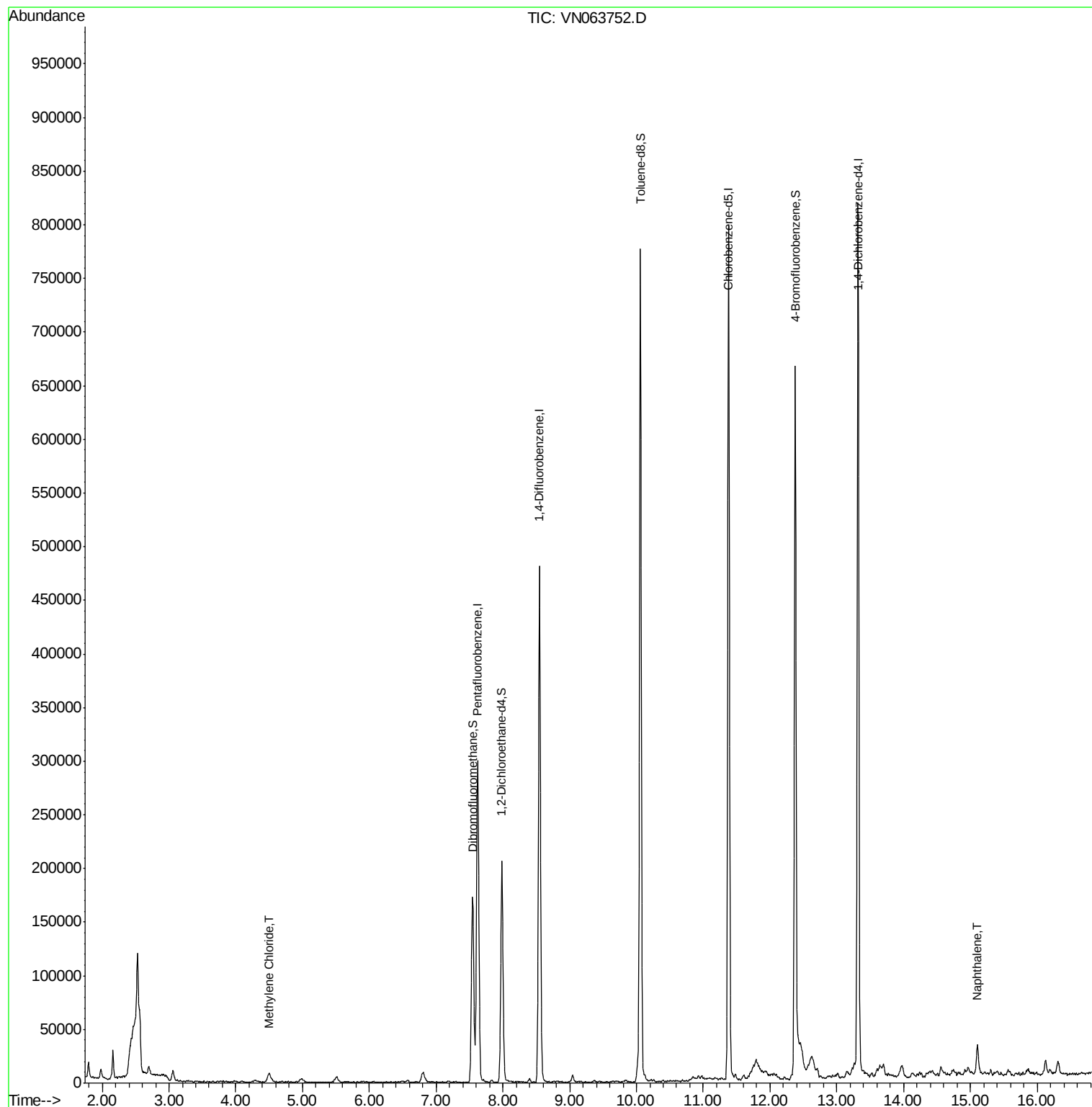
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	219496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	181663	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.55	113	128991	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
50) Toluene-d8	10.06	98	516903	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.38	95	216576	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
Target Compounds						
20) Methylene Chloride	4.50	84	4509	1.858	ug/l #	79
95) Naphthalene	15.11	128	21523	3.879	ug/l #	93

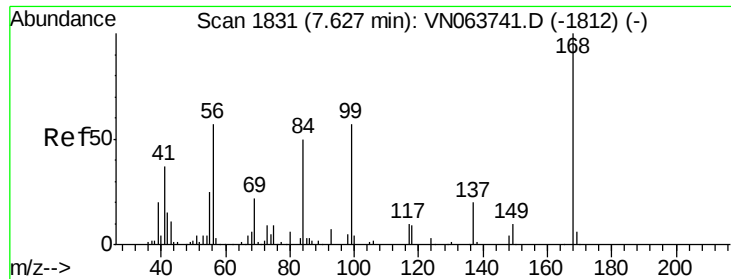
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063752.D
Acq On : 30 Sep 2020 16:20
Operator : JC/MD
Sample : L4173-01
Misc : 2.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
MSVOA_N
ClientSampleId :
TP-1-(3FT)

Quant Time: Oct 01 02:50:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063752.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

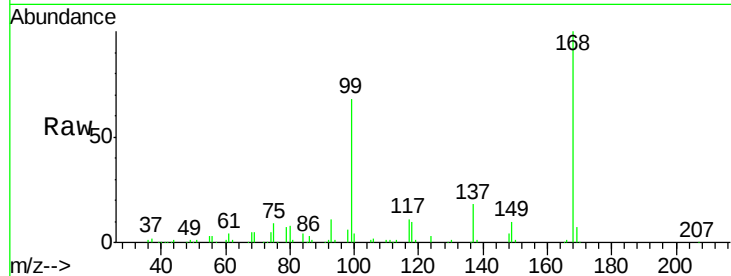
TP-1-(3FT)

Tot Ion:168 Resp: 219496

Ion Ratio Lower Upper

168 100

99 67.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

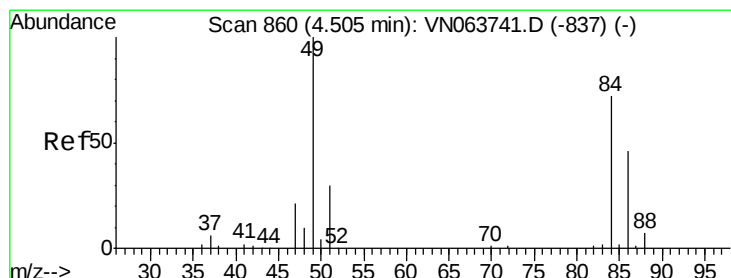
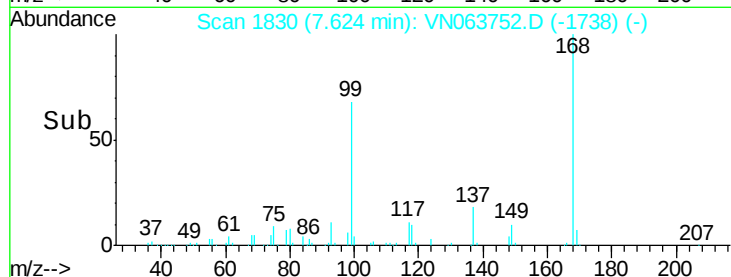
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.858 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.01 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

Tgt Ion: 84 Resp: 4509

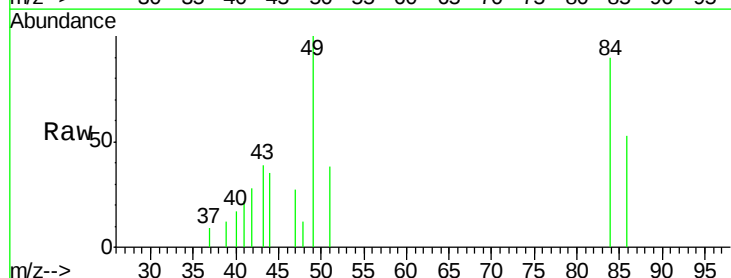
Ion Ratio Lower Upper

84 100

49 96.6 110.4 165.6#

51 42.6 33.3 49.9

86 59.5 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

3000

2500

2000

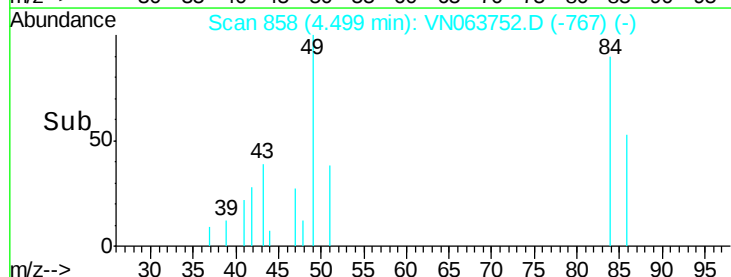
1500

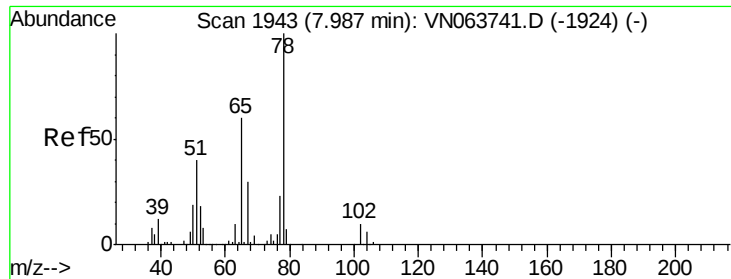
1000

500

0

Time--> 4.45 4.50 4.55





#33

1,2-Dichloroethane-d4

Concen: 50.097 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

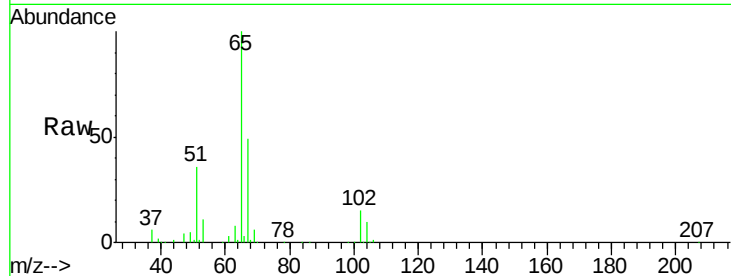
TP-1-(3FT)

Tot Ion: 65 Resp: 181663

Ion Ratio Lower Upper

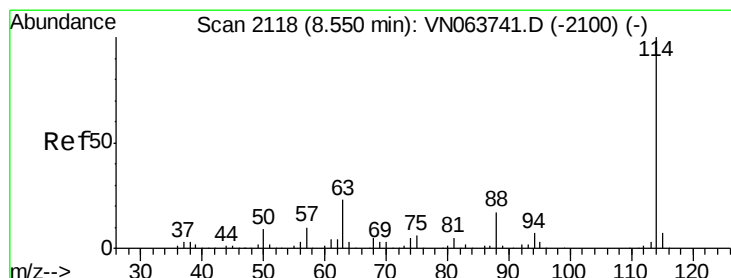
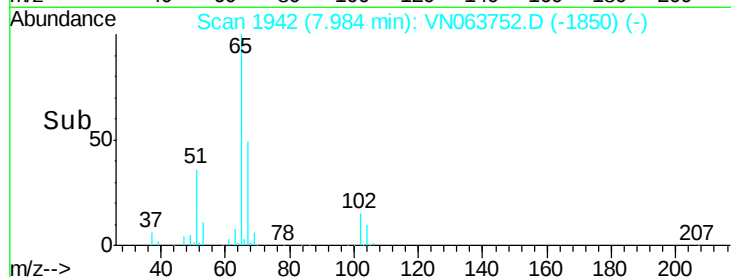
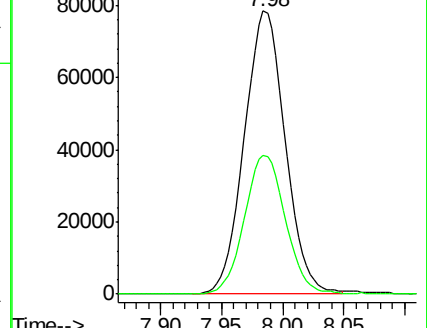
65 100

67 49.2 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

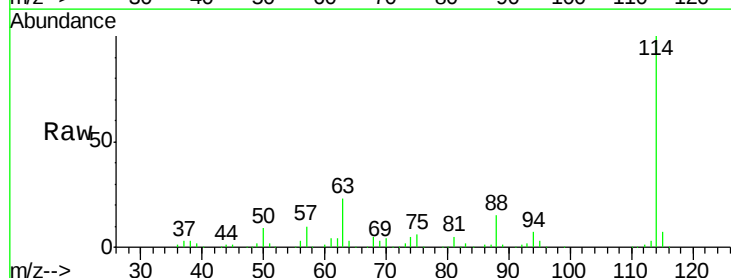
Tgt Ion: 114 Resp: 405013

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

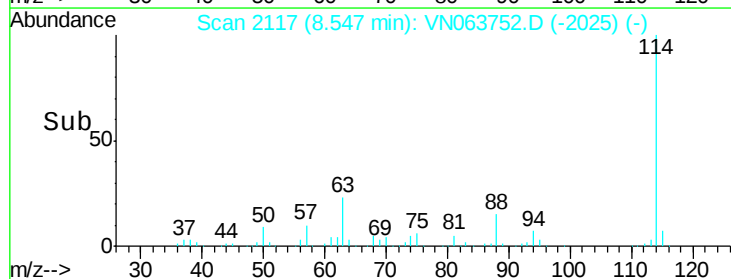
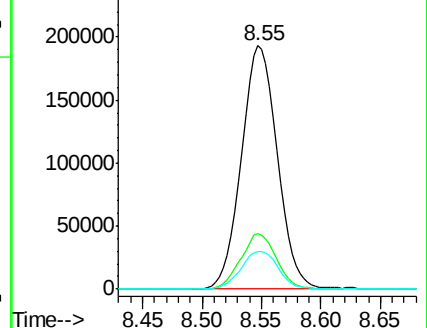
88 15.2 0.0 34.0

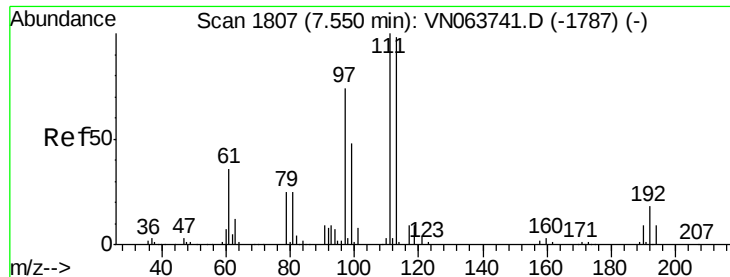


Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

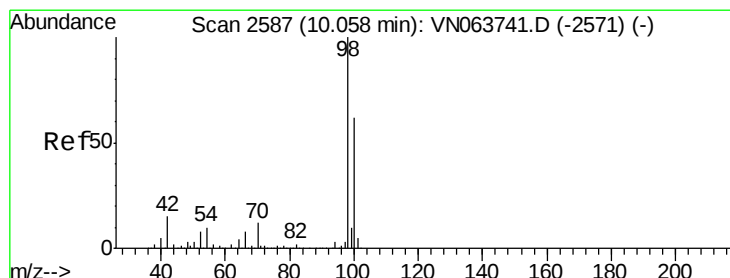
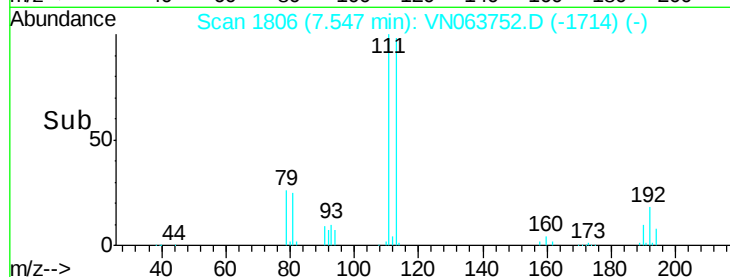
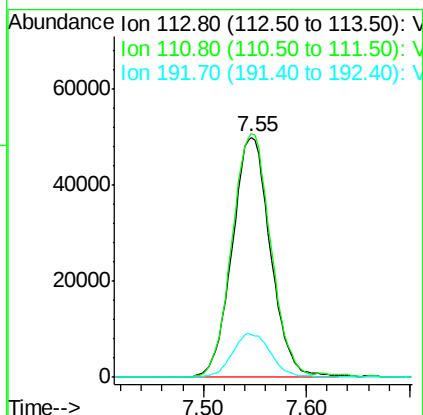
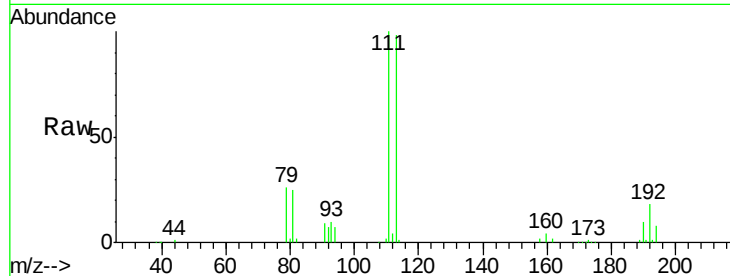




#35
 Dibromofluoromethane
 Concen: 45.900 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063752.D
 Acq: 30 Sep 2020 16:20

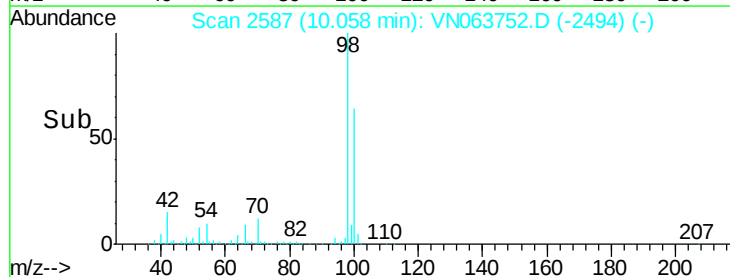
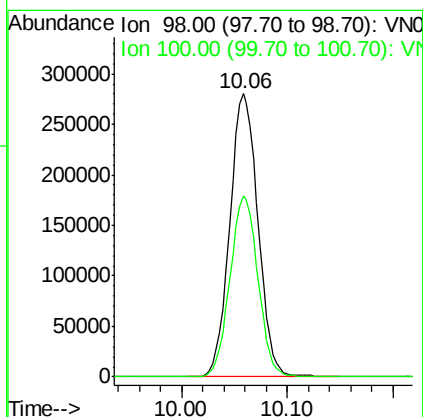
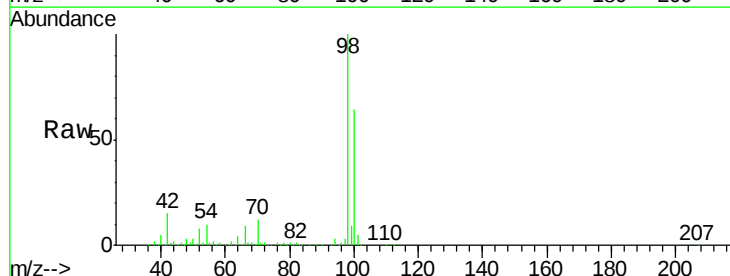
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-(3FT)

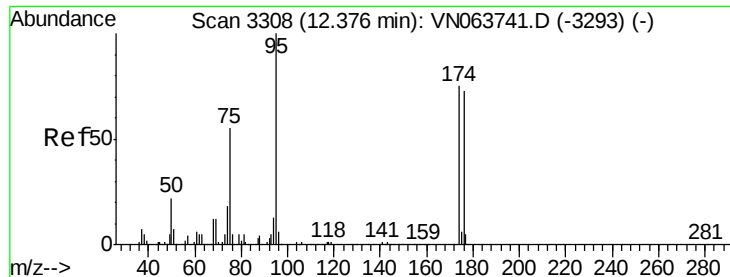
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	18.4	14.2	21.2



#50
 Toluene-d8
 Concen: 48.520 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN063752.D
 Acq: 30 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.6





#62

4-Bromofluorobenzene

Concen: 54.080 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

TP-1-(3FT)

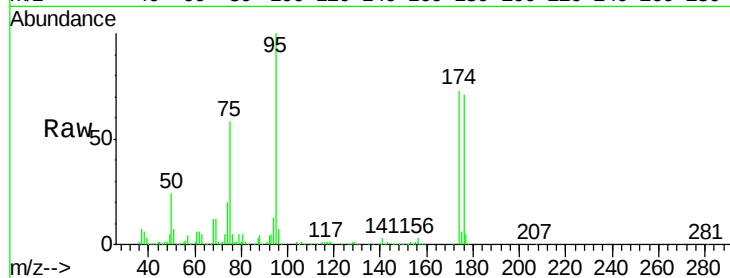
Tot Ion: 95 Resp: 216576

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.6

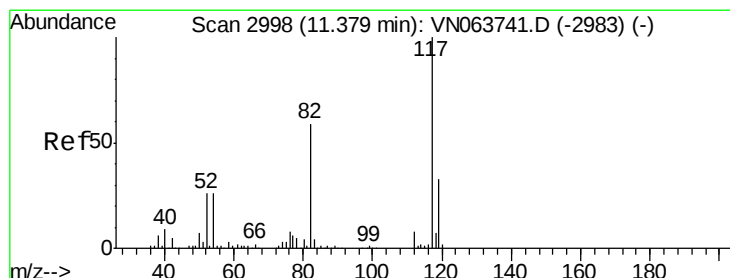
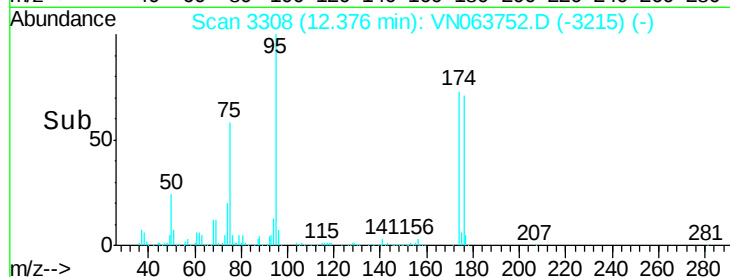
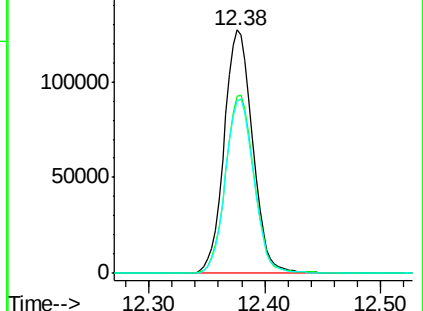
176 71.5 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063752.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063752.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063752.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

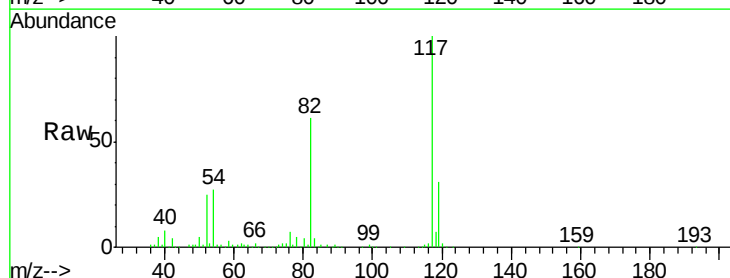
Tgt Ion: 117 Resp: 411587

Ion Ratio Lower Upper

117 100

82 61.2 47.4 71.2

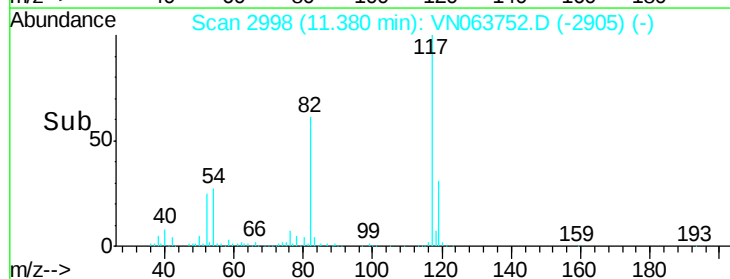
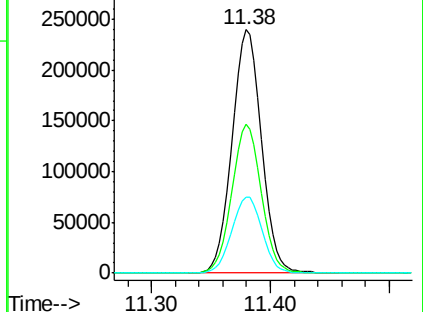
119 31.4 26.4 39.6

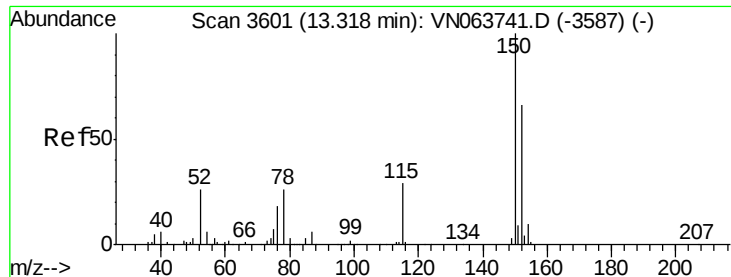


Abundance Ion 116.90 (116.60 to 117.60): VN063752.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063752.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063752.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

TP-1-(3FT)

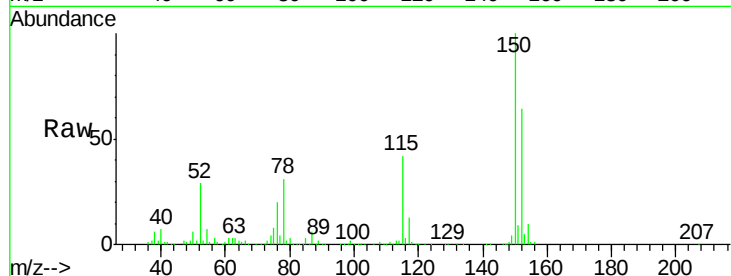
Tot Ion:152 Resp: 196198

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.8

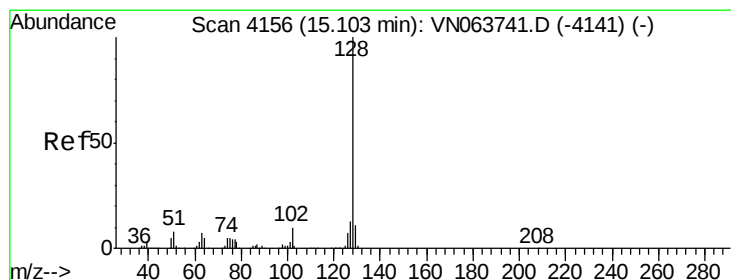
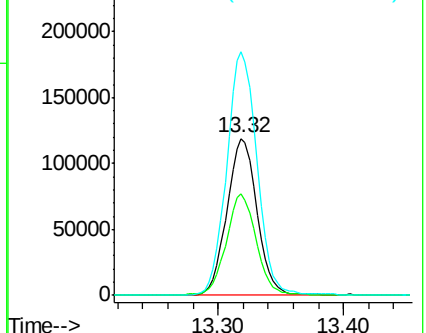
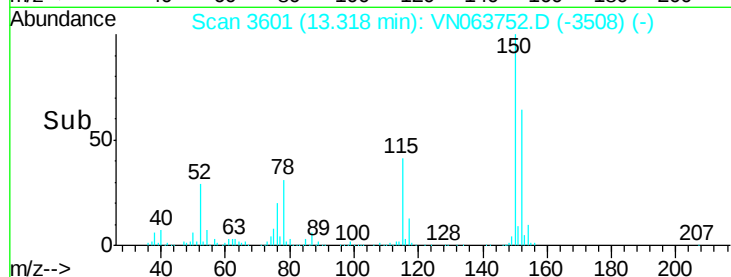
150 158.3 0.0 341.8



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



#95

Naphthalene

Concen: 3.879 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063752.D

Acq: 30 Sep 2020 16:20

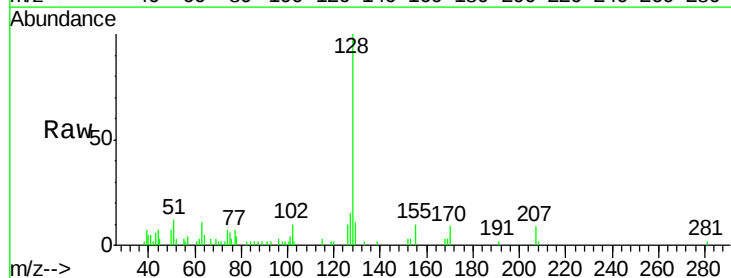
Tgt Ion:128 Resp: 21523

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 7.0 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

