

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062923.D
 Acq On : 13 Aug 2020 20:31
 Operator : JC/MD
 Sample : L3508-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-081220

Quant Time: Aug 14 06:45:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

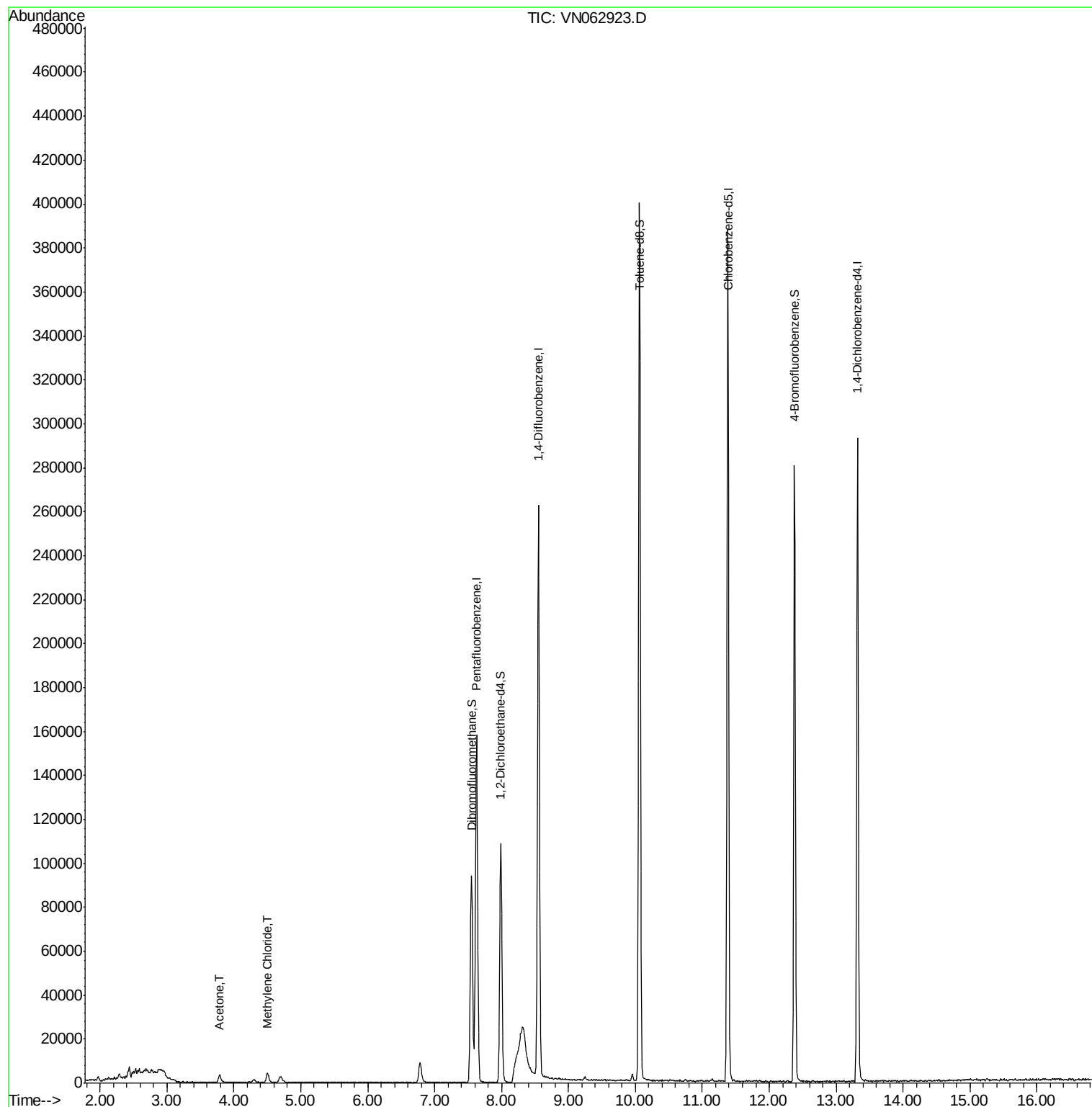
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	117775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	218782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	212958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105248	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	7.55	113	71776	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	10.06	98	274174	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	12.38	95	98737	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
16) Acetone	3.78	43	6796	9.657	ug/l	89
20) Methylene Chloride	4.51	84	3212	1.760	ug/l	95

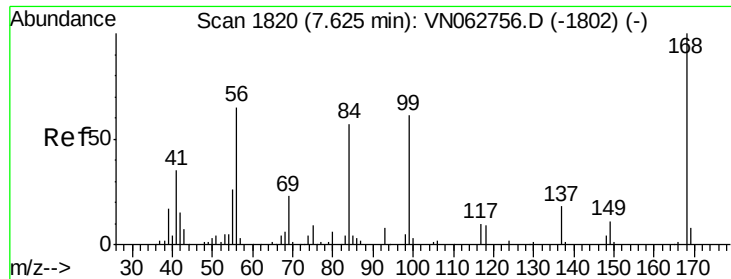
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062923.D

Acq: 13 Aug 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

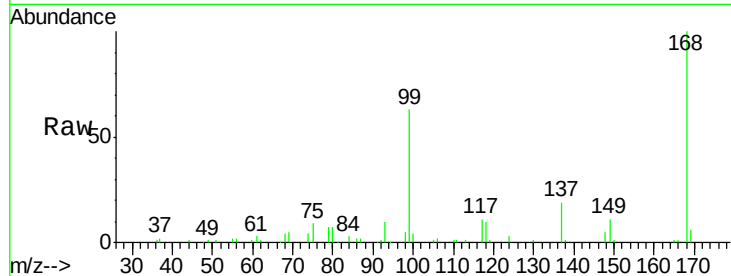
TR-04-081220

Tot Ion:168 Resp: 117775

Ion Ratio Lower Upper

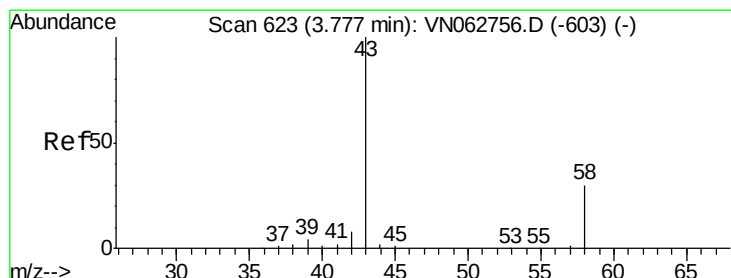
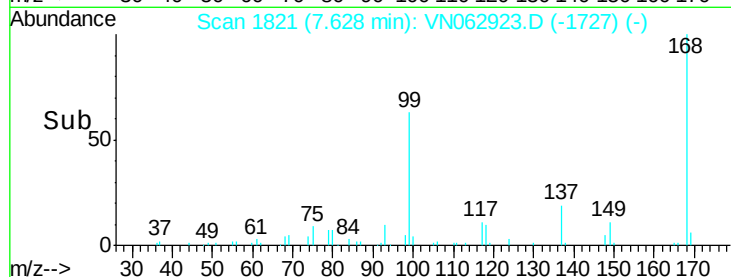
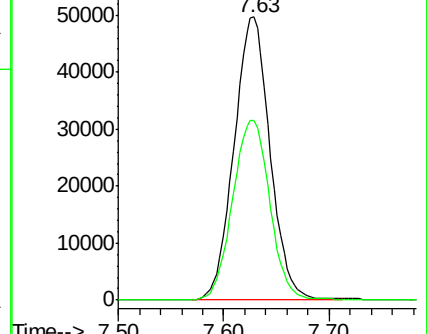
168 100

99 63.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.657 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062923.D

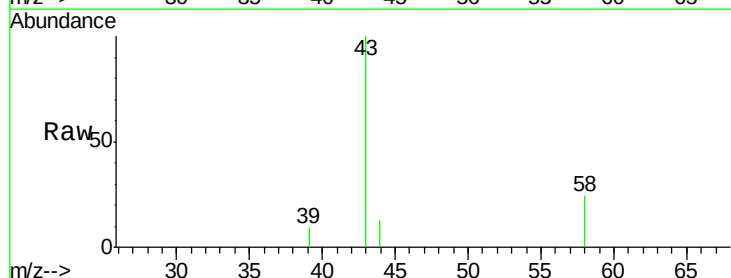
Acq: 13 Aug 2020 20:31

Tgt Ion: 43 Resp: 6796

Ion Ratio Lower Upper

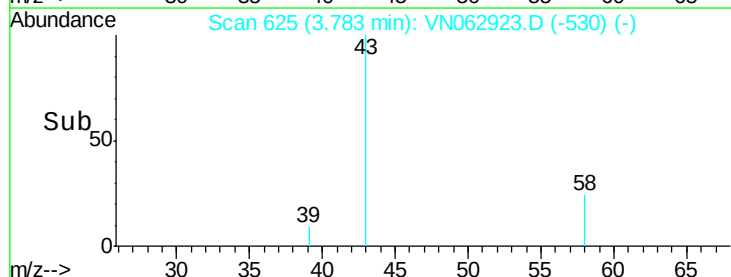
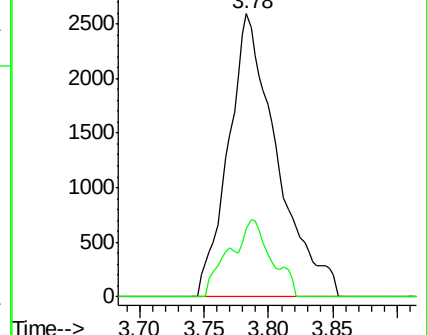
43 100

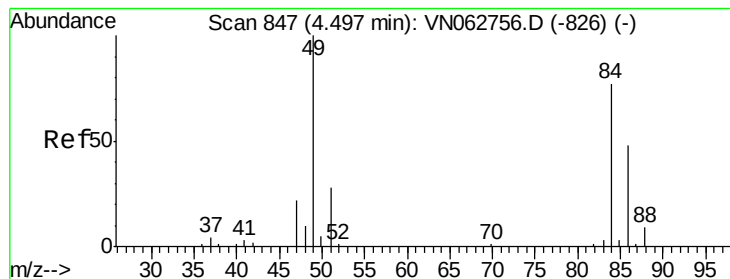
58 24.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.760 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062923.D

Acq: 13 Aug 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

TR-04-081220

Tot Ion: 84 Resp: 3212

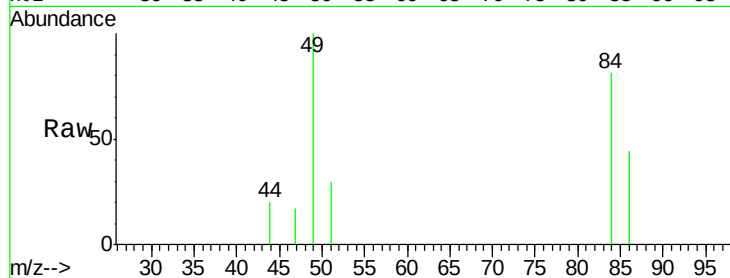
Ion Ratio Lower Upper

84 100

49 124.2 103.4 155.2

51 36.7 29.3 43.9

86 54.9 49.9 74.9

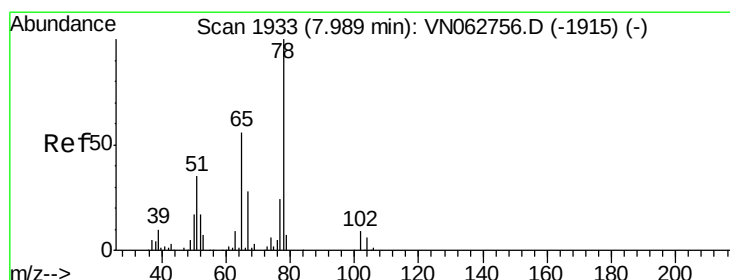
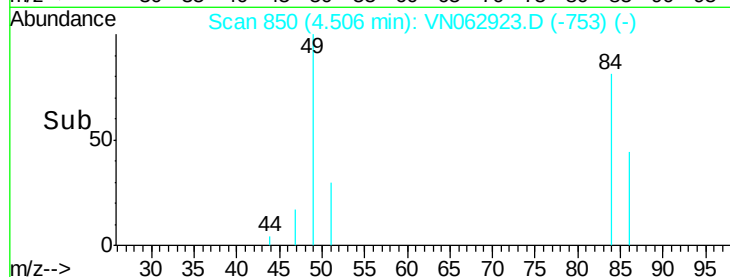
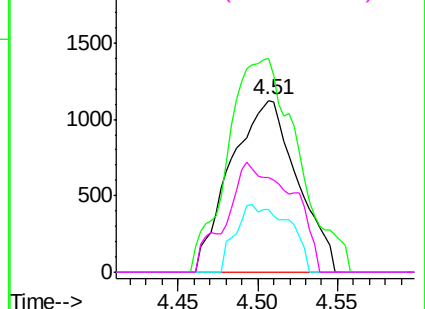


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.039 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062923.D

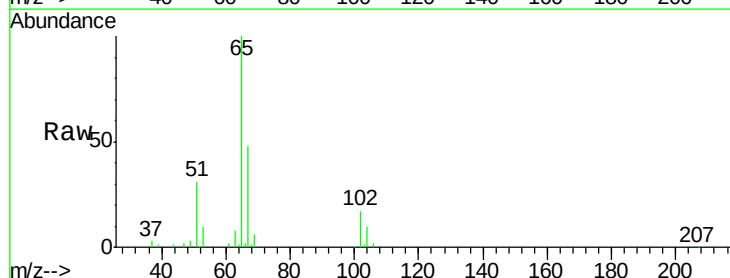
Acq: 13 Aug 2020 20:31

Tgt Ion: 65 Resp: 105248

Ion Ratio Lower Upper

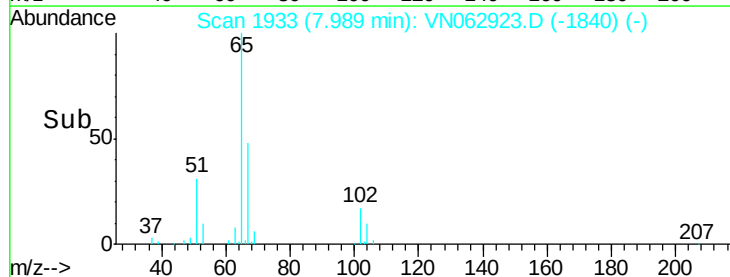
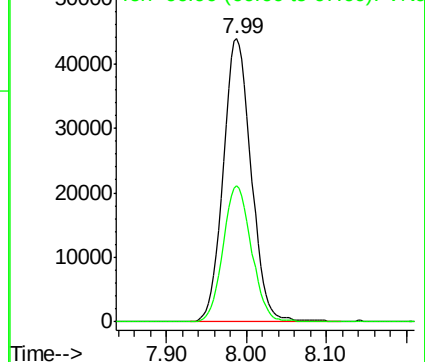
65 100

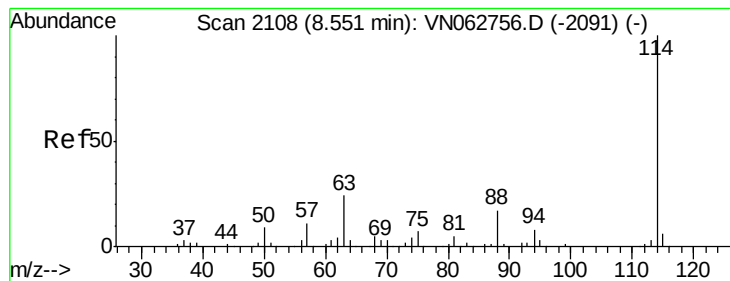
67 48.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062923.D

Acq: 13 Aug 2020 20:31

Instrument :

MSVOA_N

ClientSampled :

TR-04-081220

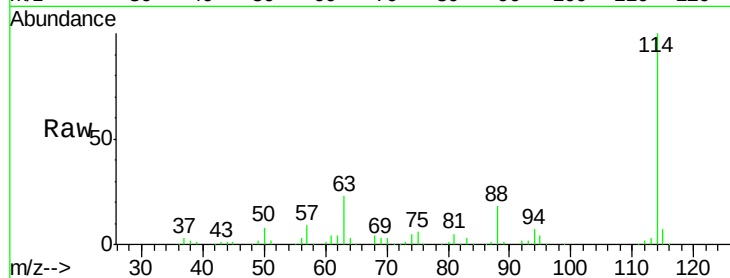
Tot Ion:114 Resp: 218782

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

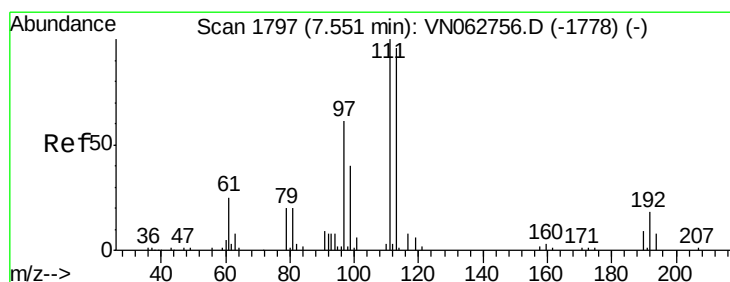
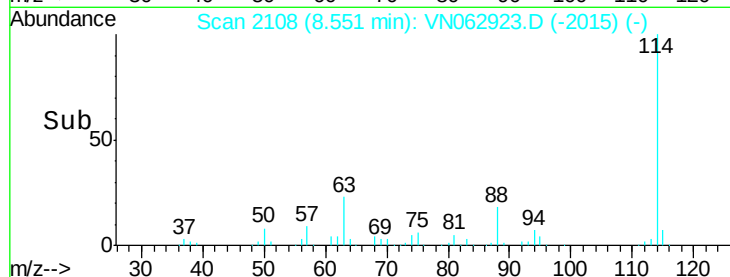
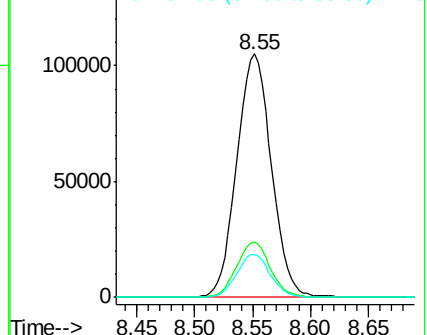
88 17.7 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.960 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062923.D

Acq: 13 Aug 2020 20:31

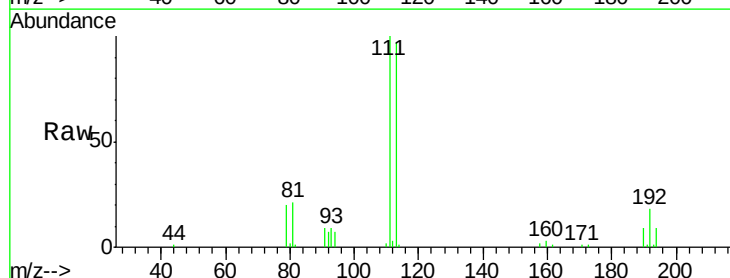
Tgt Ion:113 Resp: 71776

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

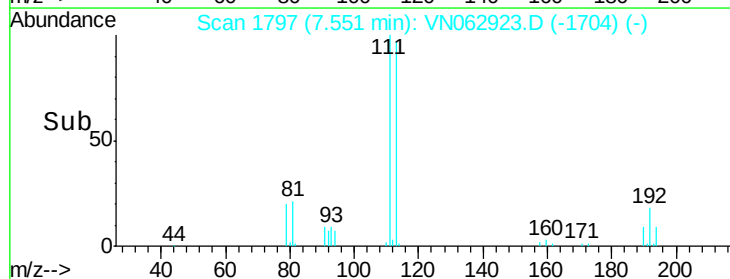
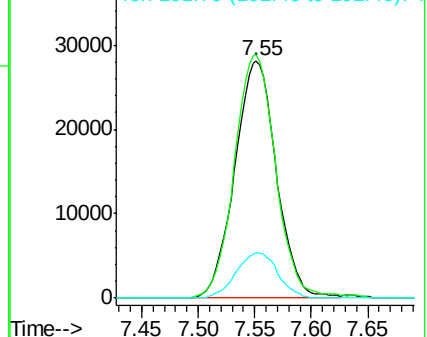
192 19.1 15.0 22.4

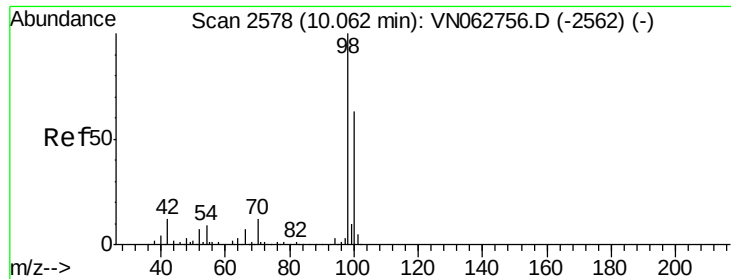


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.925 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062923.D

Acq: 13 Aug 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

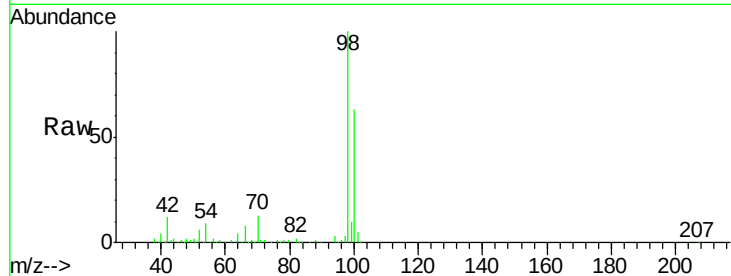
TR-04-081220

Tot Ion: 98 Resp: 274174

Ion Ratio Lower Upper

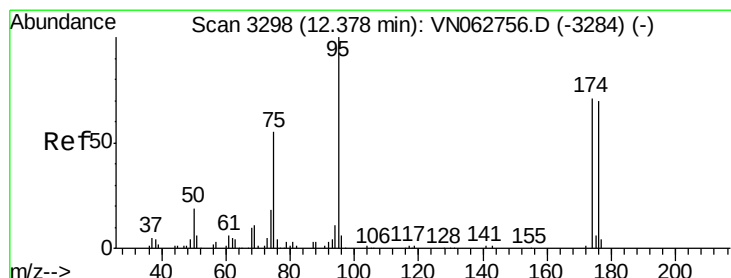
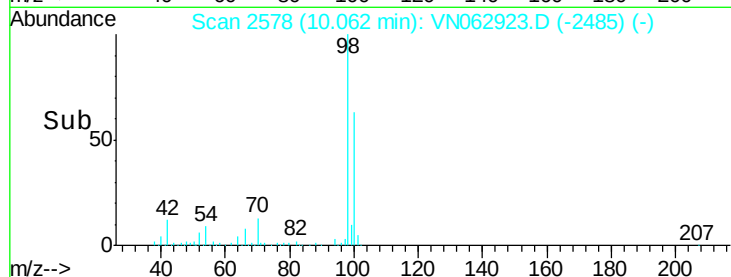
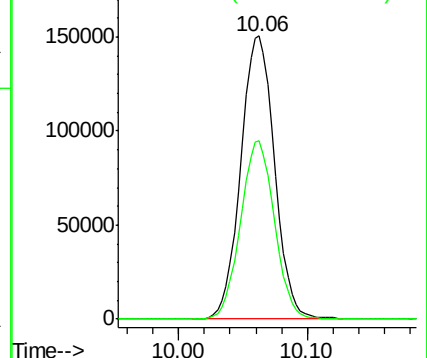
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.718 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062923.D

Acq: 13 Aug 2020 20:31

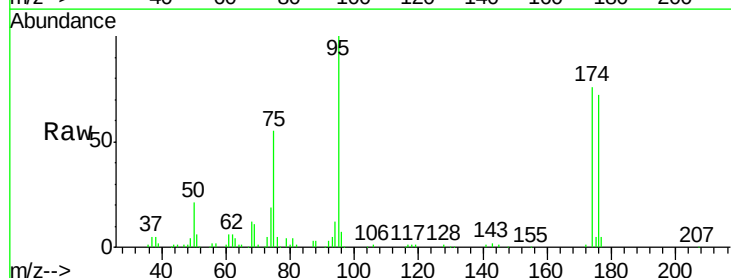
Tgt Ion: 95 Resp: 98737

Ion Ratio Lower Upper

95 100

174 75.4 0.0 144.8

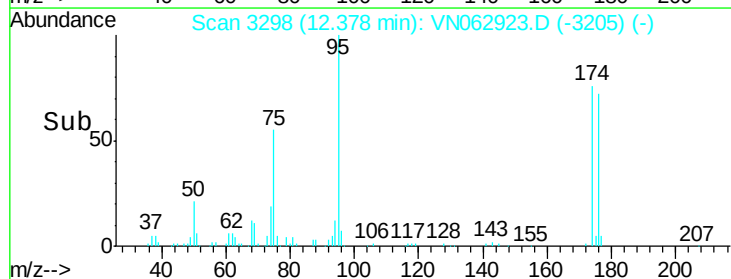
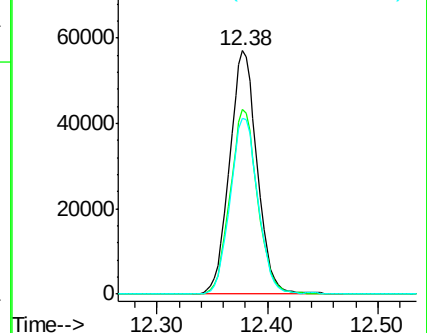
176 72.8 0.0 142.2

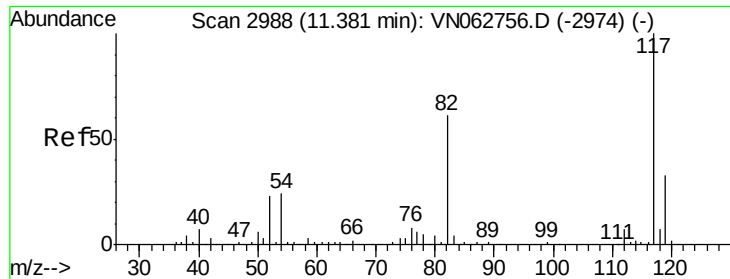


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

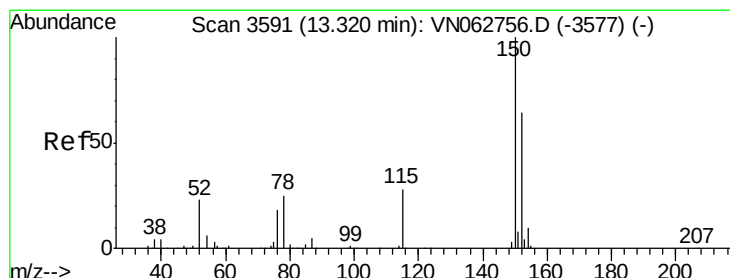
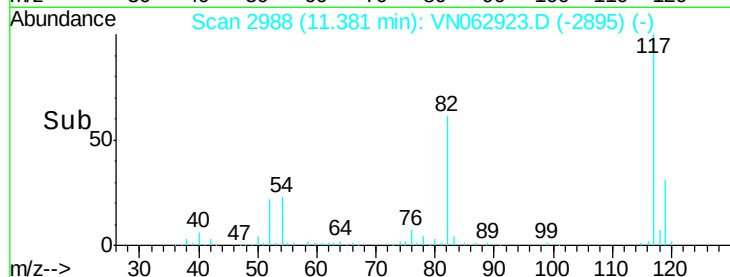
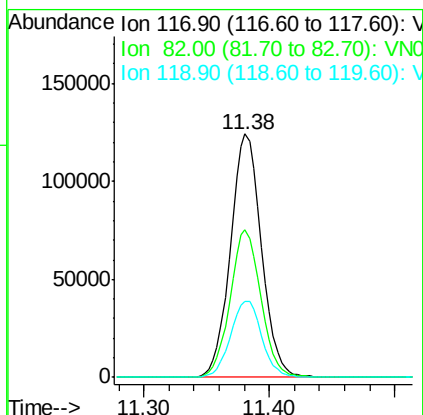
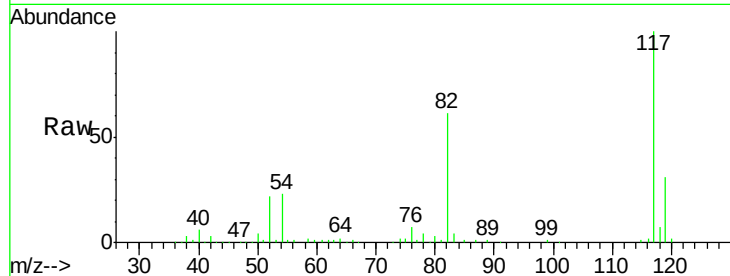




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062923.D
Acq: 13 Aug 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
TR-04-081220

Tot Ion:117 Resp: 212958
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.4
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062923.D
Acq: 13 Aug 2020 20:31

Tgt Ion:152 Resp: 77368
Ion Ratio Lower Upper
152 100
115 64.1 31.6 94.8
150 161.6 0.0 349.2

