

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062788.D
 Acq On : 7 Aug 2020 18:53
 Operator : JC/MD
 Sample : L3508-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-080620

Quant Time: Aug 08 02:56:18 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

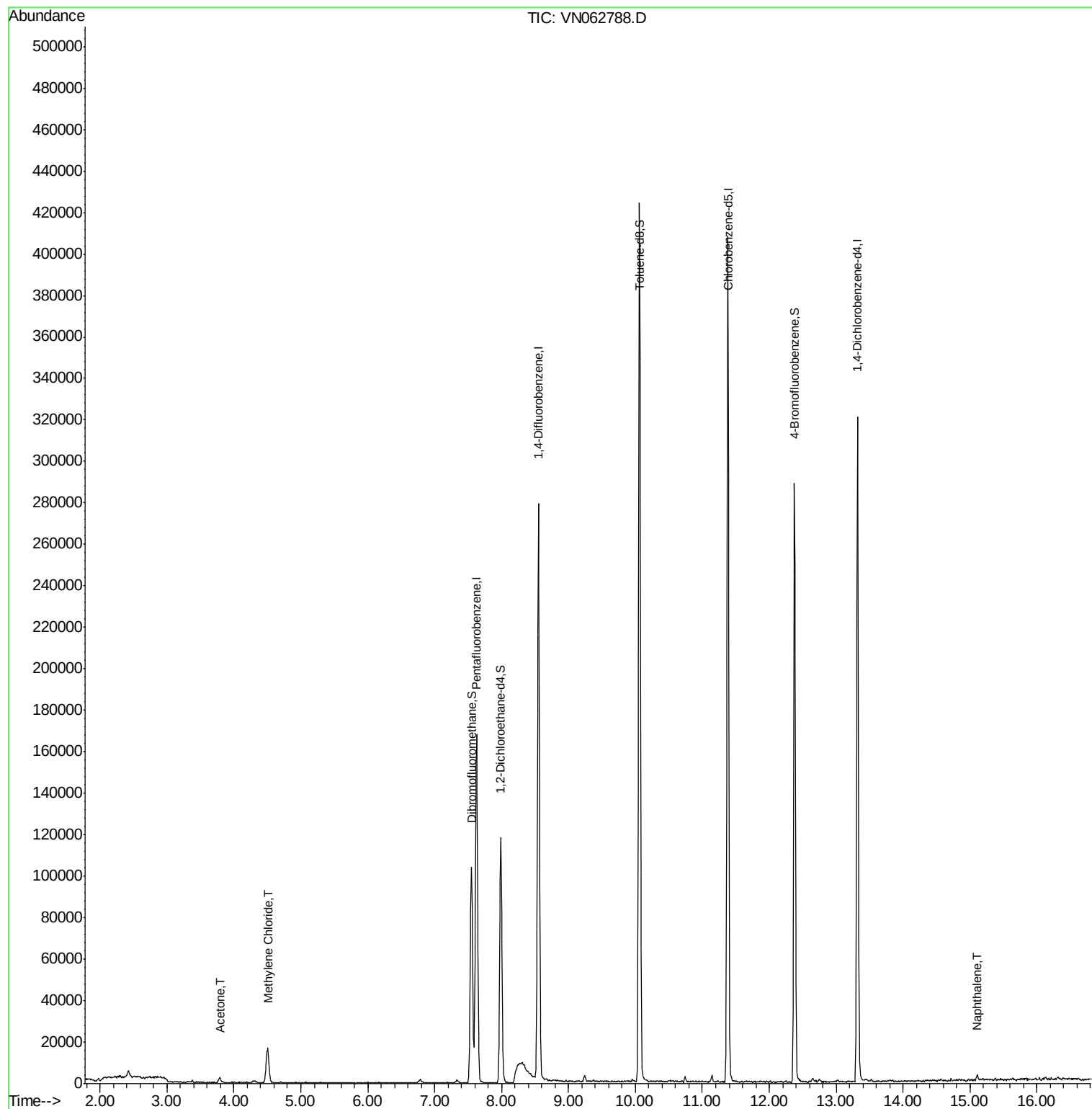
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	128114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	231797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108091	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.55	113	80768	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.06	98	295492	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.38	95	105188	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
16) Acetone	3.79	43	4798	6.268	ug/l	92
20) Methylene Chloride	4.50	84	12243	8.102	ug/l	96
95) Naphthalene	15.11	128	3072	4.447	ug/l #	87

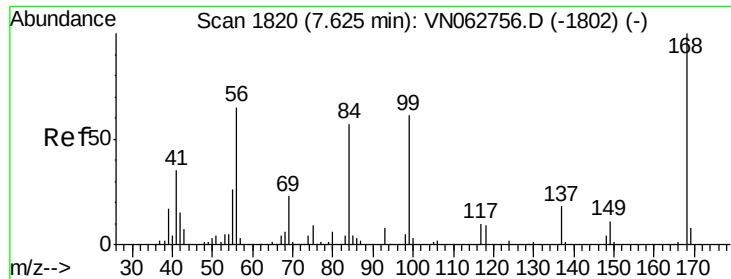
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062788.D

Acq: 7 Aug 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

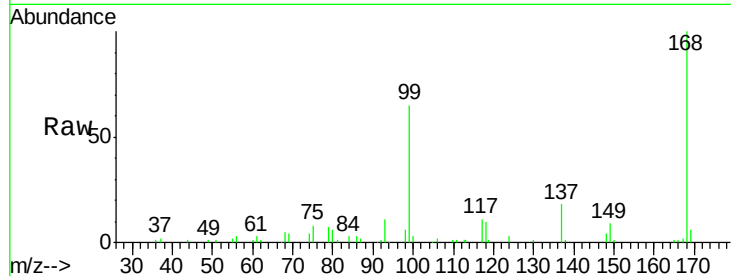
TR-04-080620

Tot Ion:168 Resp: 128114

Ion Ratio Lower Upper

168 100

99 64.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

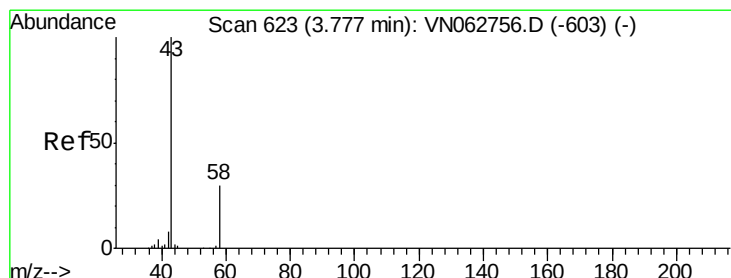
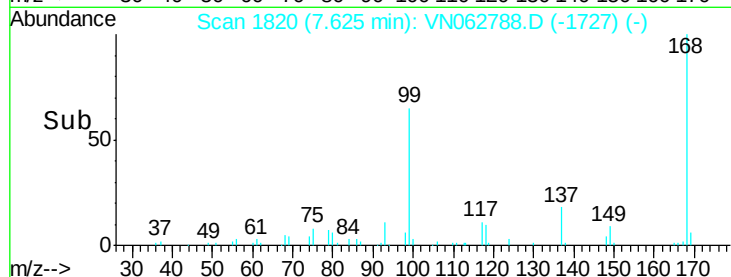
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.268 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062788.D

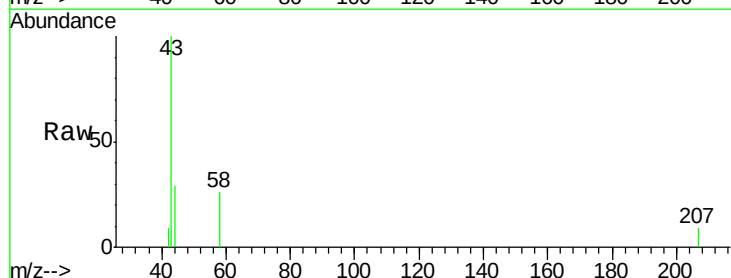
Acq: 7 Aug 2020 18:53

Tgt Ion: 43 Resp: 4798

Ion Ratio Lower Upper

43 100

58 25.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2000

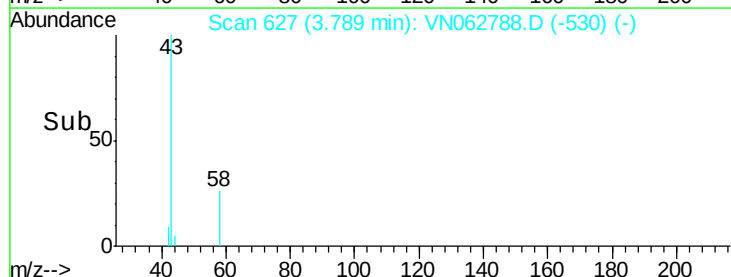
1500

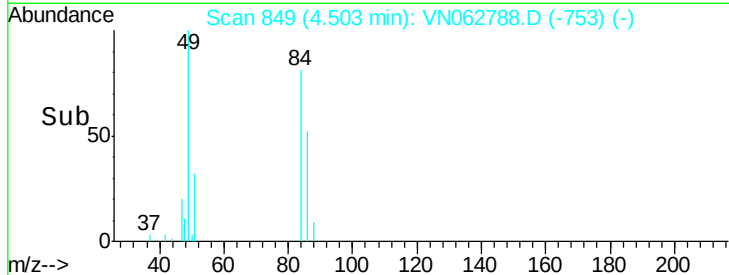
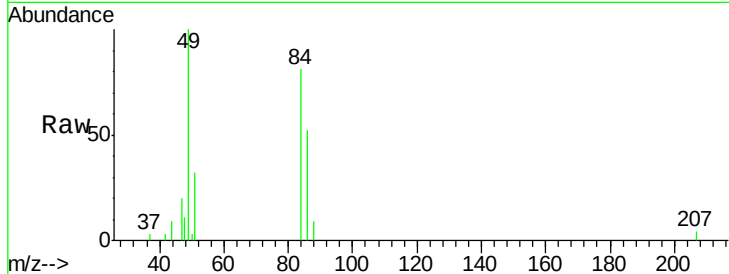
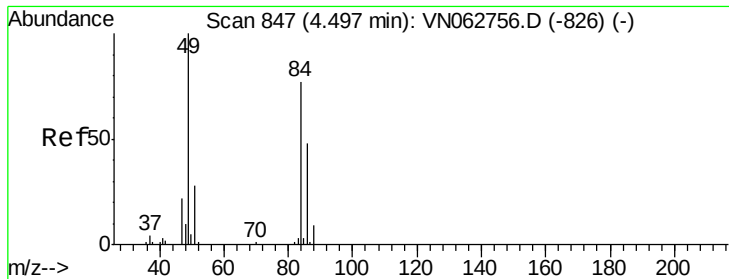
1000

500

0

Time--> 3.70 3.75 3.80 3.85 3.90

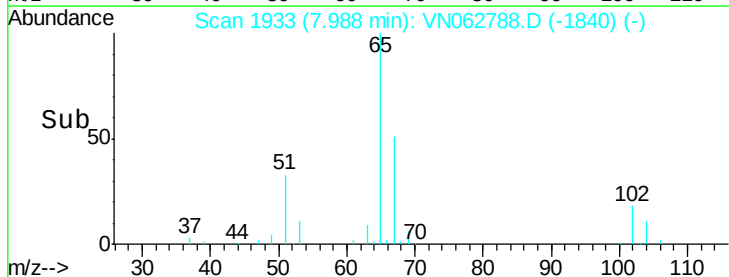
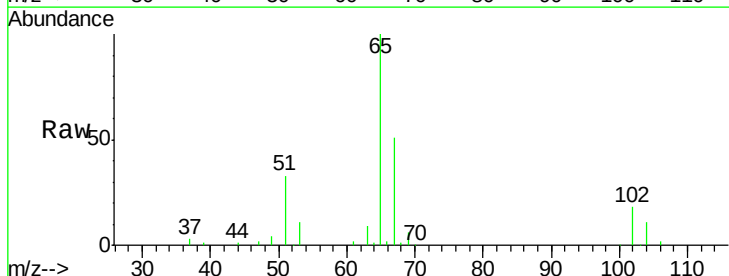
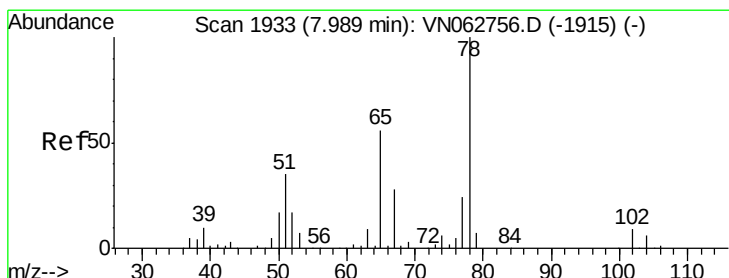
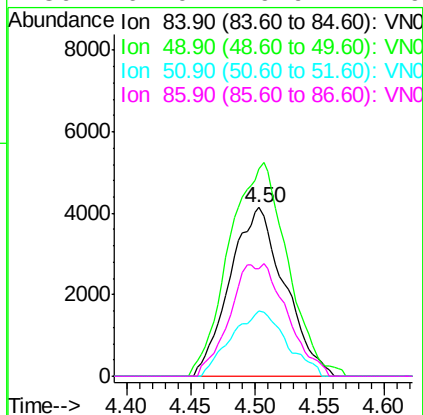




#20
Methylene Chloride
Concen: 8.102 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062788.D
Acq: 7 Aug 2020 18:53

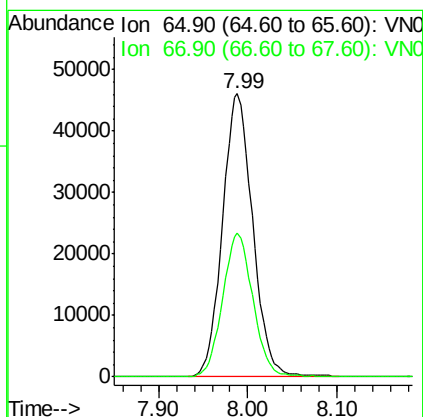
Instrument :
MSVOA_N
ClientSampled :
TR-04-080620

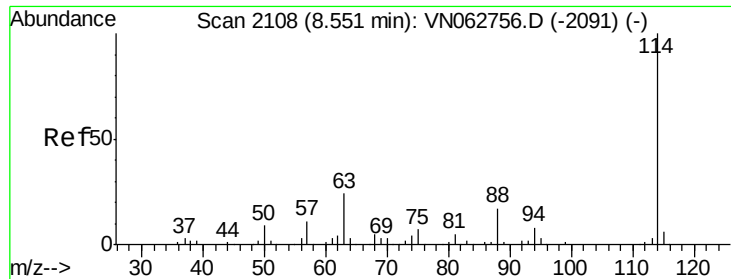
Tot Ion:	84	Resp:	12243
Ion	Ratio	Lower	Upper
84	100		
49	123.0	103.4	155.2
51	38.8	29.3	43.9
86	64.0	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 51.020 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062788.D
Acq: 7 Aug 2020 18:53

Tgt Ion:	65	Resp:	108091
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062788.D

Acq: 7 Aug 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

TR-04-080620

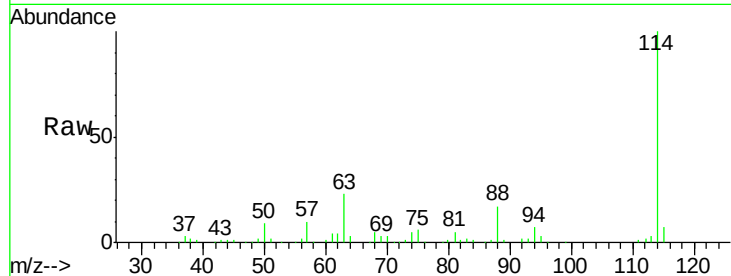
Tot Ion:114 Resp: 231797

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

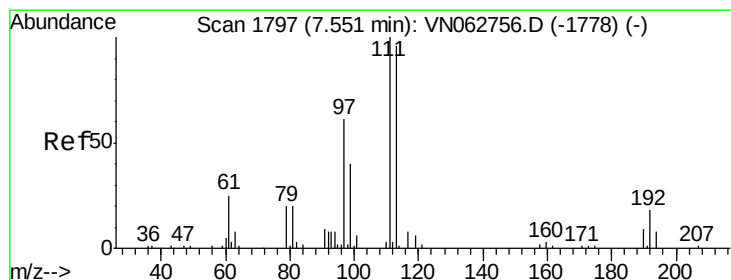
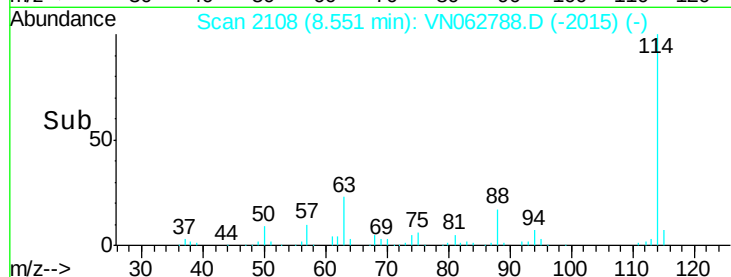
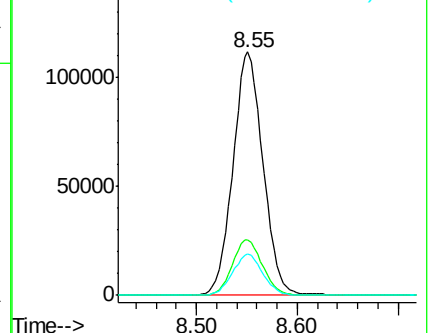
88 16.9 0.0 34.4



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: 50.938 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062788.D

Acq: 7 Aug 2020 18:53

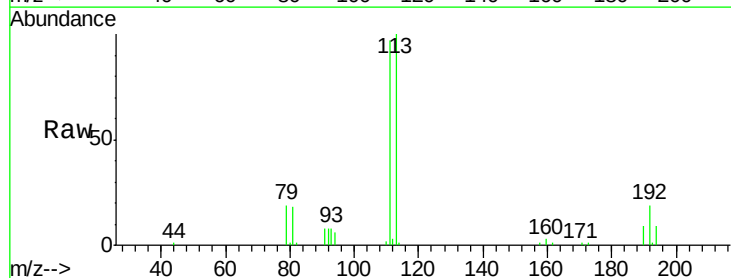
Tgt Ion:113 Resp: 80768

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

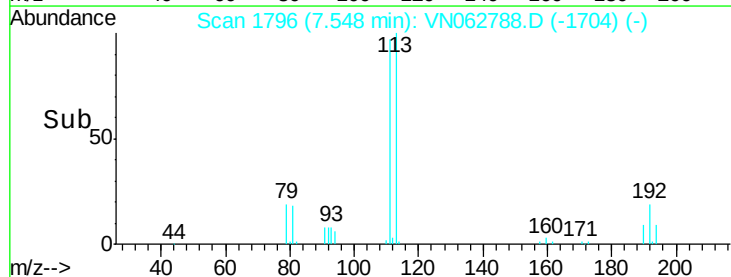
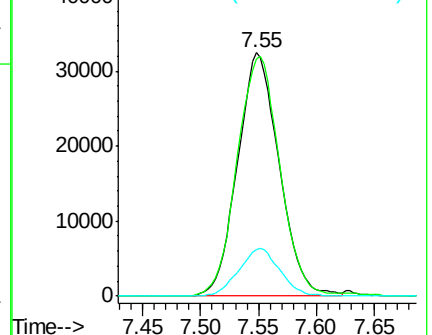
192 19.2 15.0 22.4

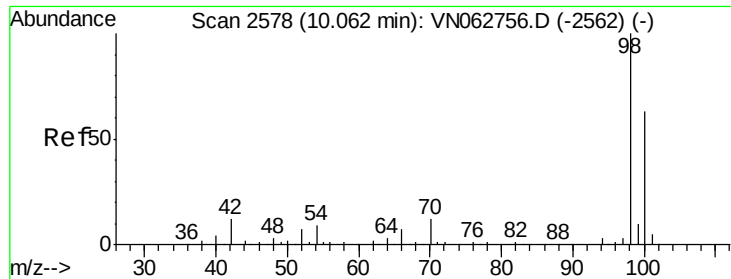


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.734 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062788.D

Acq: 7 Aug 2020 18:53

Instrument :

MSVOA_N

ClientSampled :

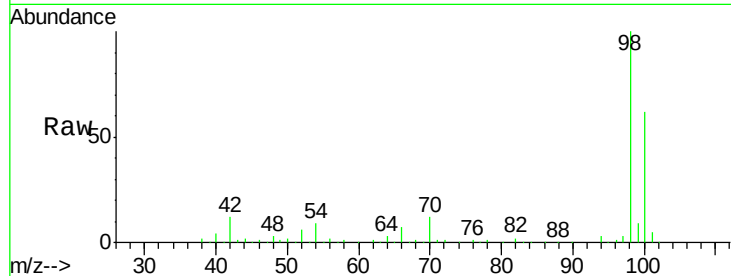
TR-04-080620

Tot Ion: 98 Resp: 295492

Ion Ratio Lower Upper

98 100

100 62.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

150000

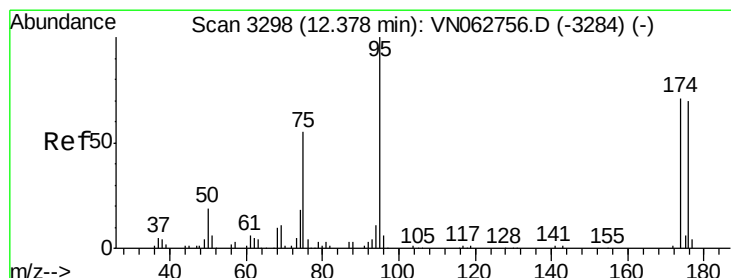
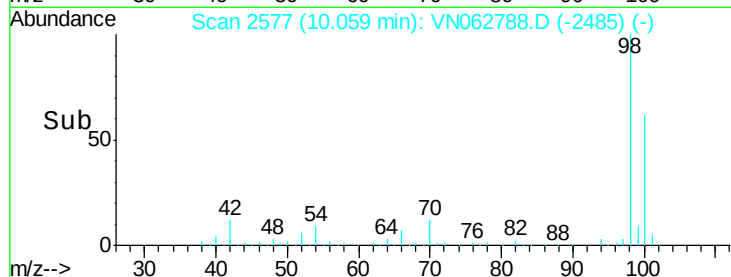
100000

50000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062788.D

Acq: 7 Aug 2020 18:53

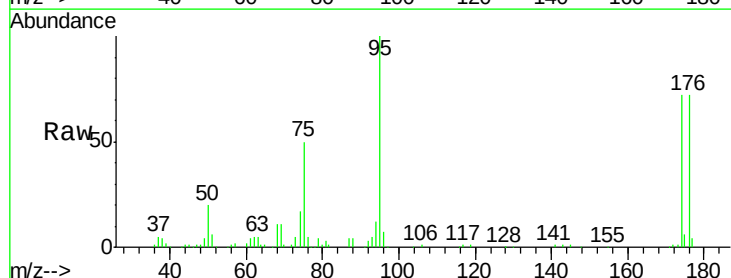
Tgt Ion: 95 Resp: 105188

Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.8

176 71.8 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

80000

60000

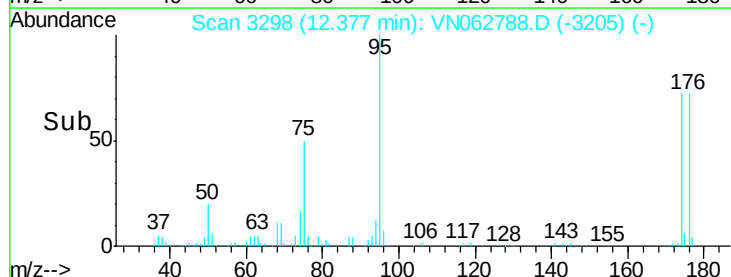
40000

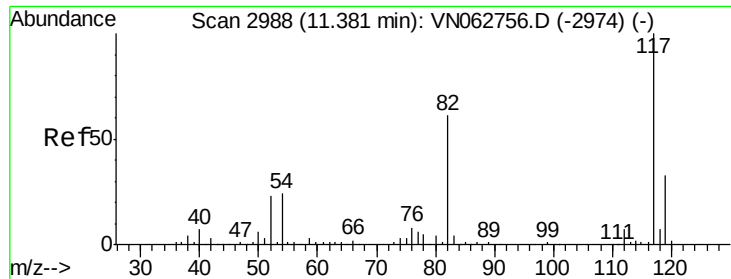
20000

0

Time-->

12.30 12.35 12.40 12.45

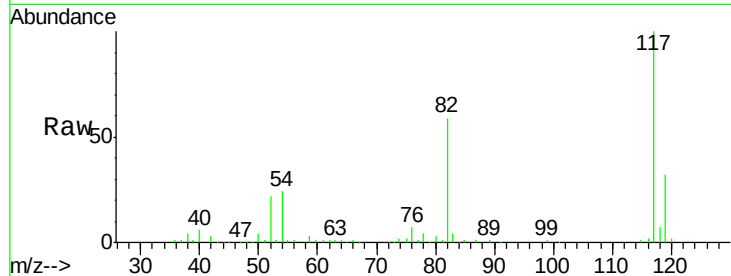




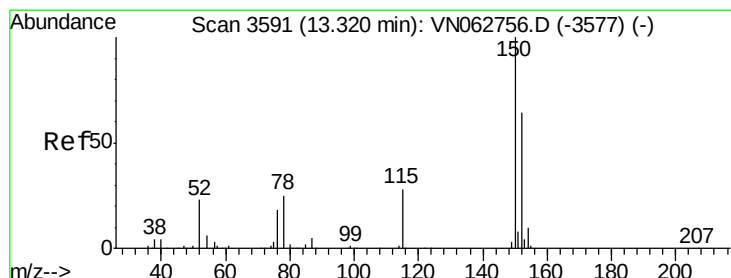
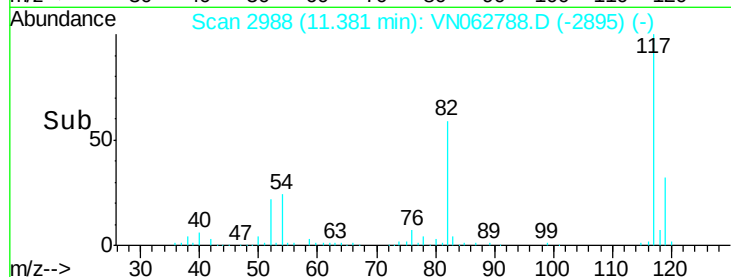
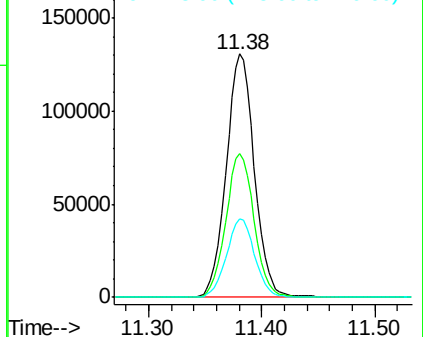
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062788.D
Acq: 7 Aug 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
TR-04-080620

Tot Ion:117 Resp: 225493
Ion Ratio Lower Upper
117 100
82 59.1 49.0 73.4
119 32.4 26.2 39.2

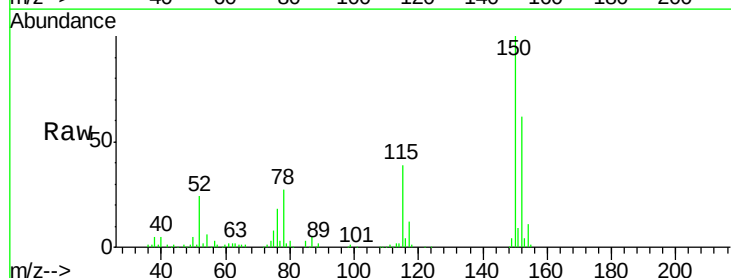


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

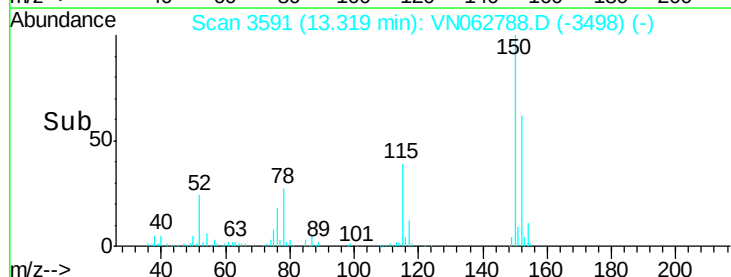
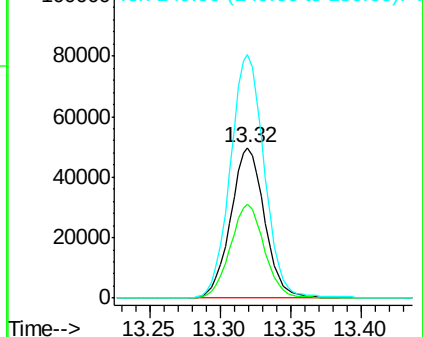


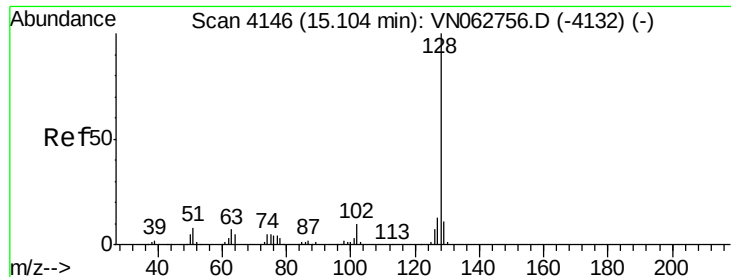
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062788.D
Acq: 7 Aug 2020 18:53

Tgt Ion:152 Resp: 83687
Ion Ratio Lower Upper
152 100
115 63.1 31.6 94.8
150 161.8 0.0 349.2



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: 4.447 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062788.D

Acq: 7 Aug 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

TR-04-080620

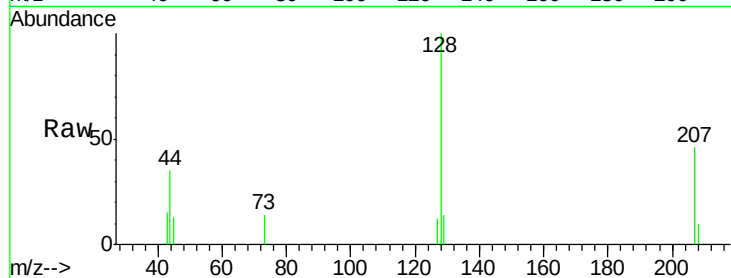
Tot Ion:128 Resp: 3072

Ion Ratio Lower Upper

128 100

127 4.7 10.8 16.2#

129 9.8 8.8 13.2



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

