

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062737.D
 Acq On : 3 Aug 2020 15:49
 Operator : JC/MD
 Sample : L3539-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E-LGC-5

Quant Time: Aug 04 07:57:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

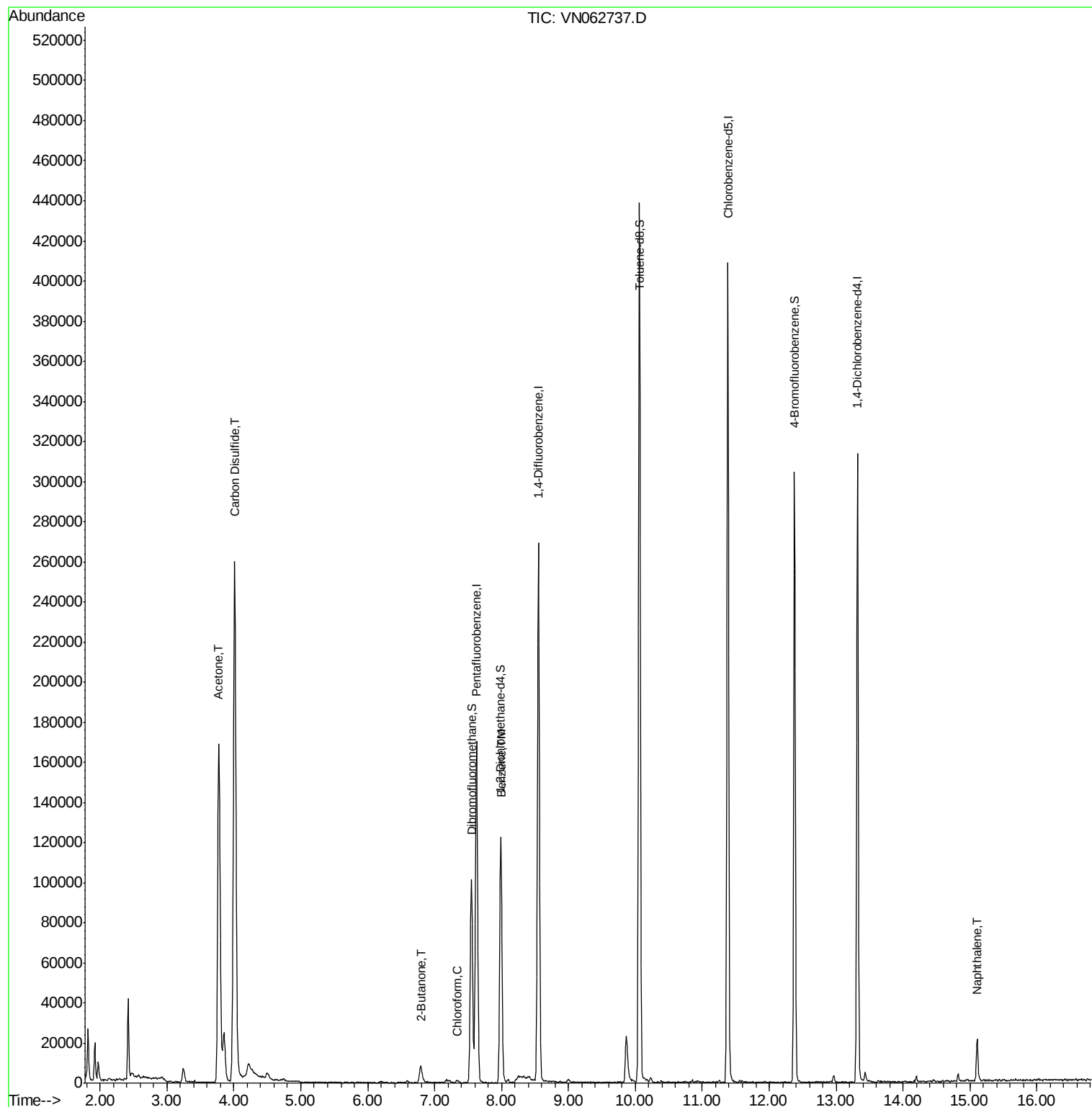
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	130091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	227142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	222505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111627	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	7.55	113	75056	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	10.06	98	300034	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.38	95	104290	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
Target Compounds						
16) Acetone	3.77	43	285522	375.450	ug/l	98
17) Carbon Disulfide	4.01	76	460538	100.626	ug/l	99
25) 2-Butanone	6.79	43	15772	13.618	ug/l	95
30) Chloroform	7.33	83	1221	0.398	ug/l #	77
40) Benzene	8.00	78	5173	0.706	ug/l #	89
95) Naphthalene	15.11	128	18320	8.510	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062737.D

Acq: 3 Aug 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

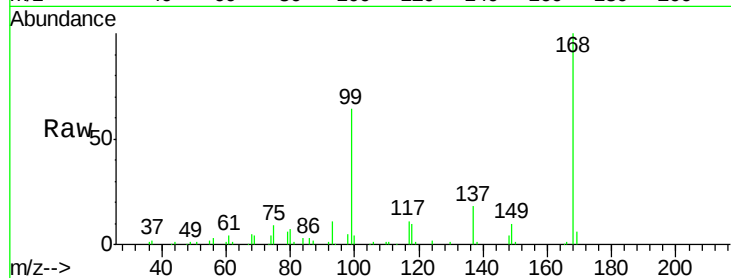
E-LGC-5

Tot Ion:168 Resp: 130091

Ion Ratio Lower Upper

168 100

99 63.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

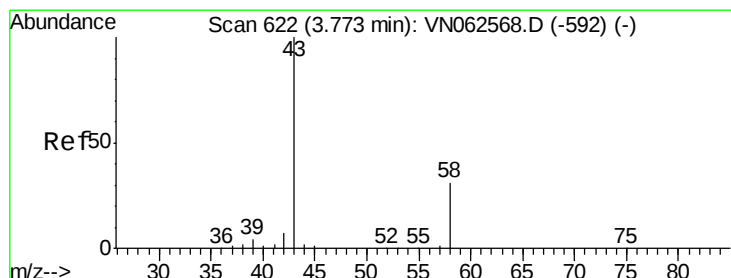
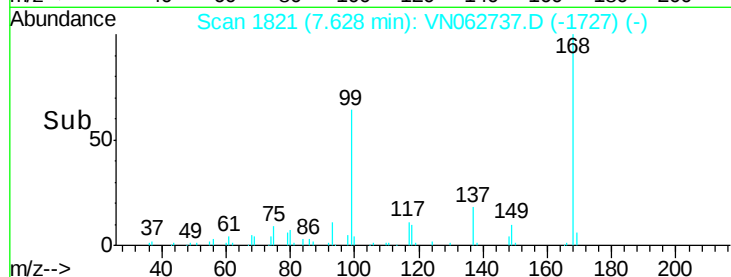
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 375.450 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062737.D

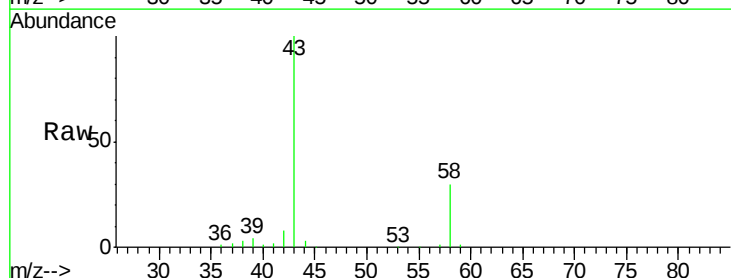
Acq: 3 Aug 2020 15:49

Tgt Ion: 43 Resp: 285522

Ion Ratio Lower Upper

43 100

58 29.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

120000

100000

80000

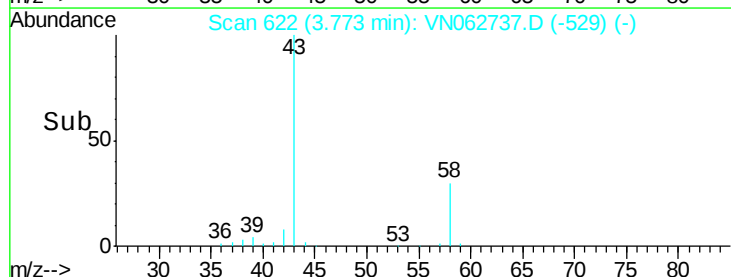
60000

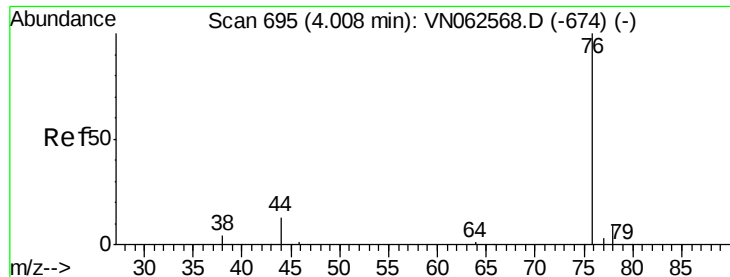
40000

20000

0

Time--> 3.70 3.80 3.90

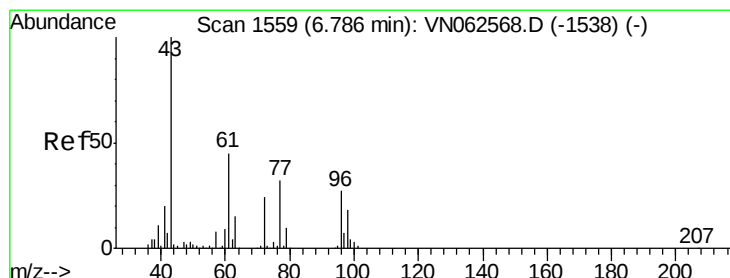
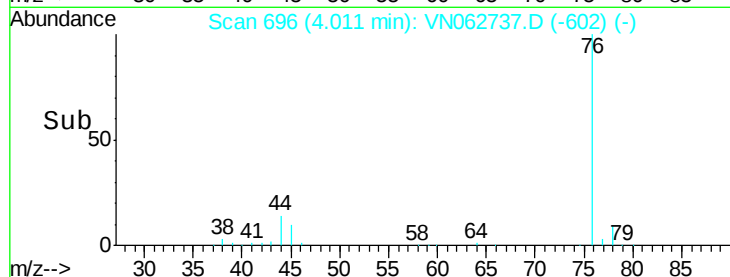
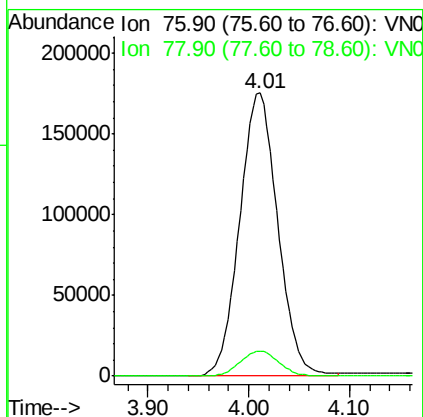
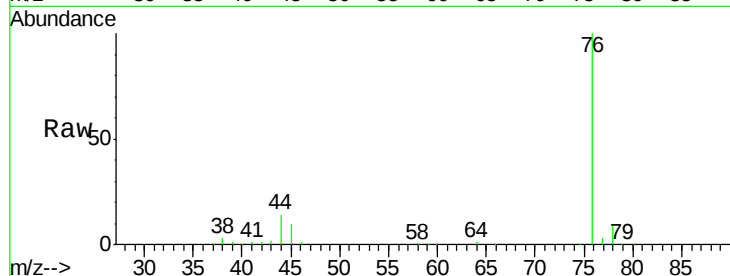




#17
Carbon Disulfide
Concen: 100.626 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062737.D
Acq: 3 Aug 2020 15:49

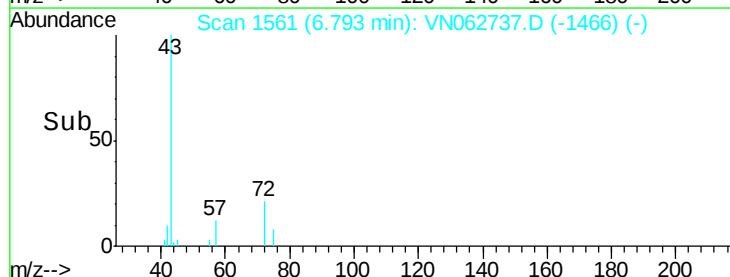
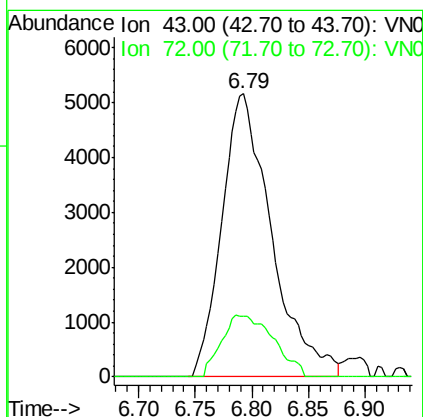
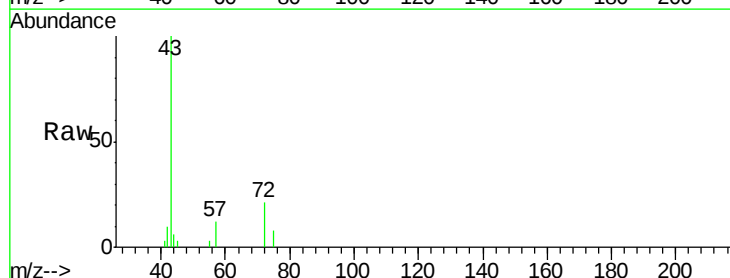
Instrument :
MSVOA_N
ClientSampleId :
E-LGC-5

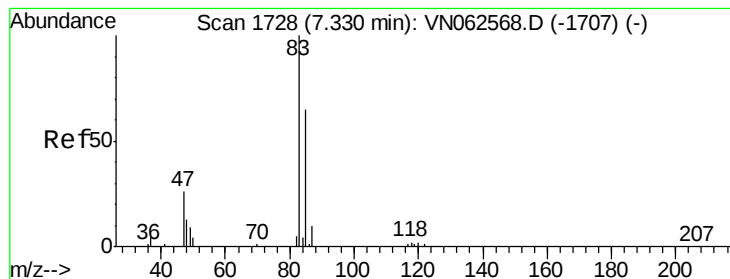
Tot Ion: 76 Resp: 460538
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#25
2-Butanone
Concen: 13.618 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062737.D
Acq: 3 Aug 2020 15:49

Tgt Ion: 43 Resp: 15772
Ion Ratio Lower Upper
43 100
72 21.3 19.0 28.6





#30

Chloroform

Concen: 0.398 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

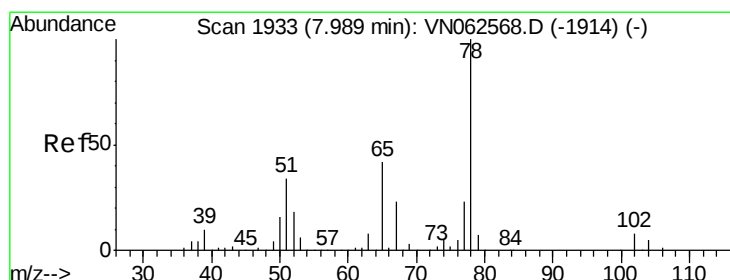
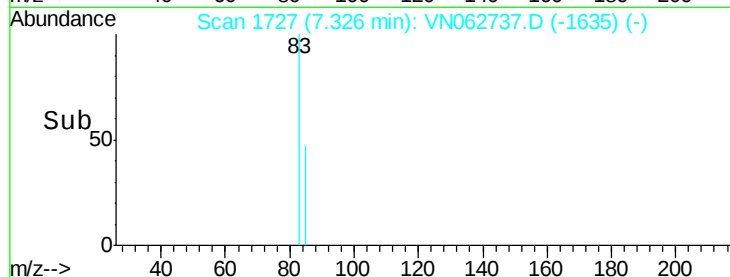
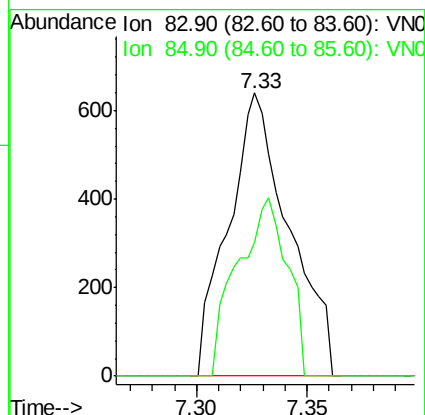
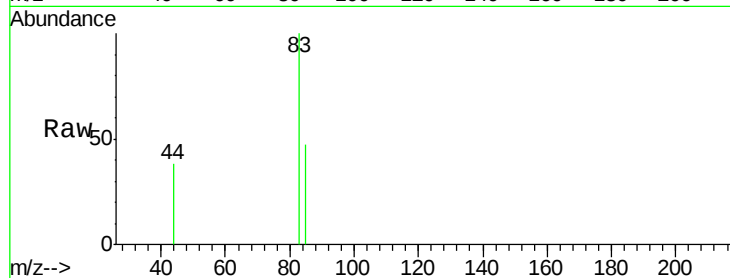
E-LGC-5

Tot Ion: 83 Resp: 1221

Ion Ratio Lower Upper

83 100

85 47.1 52.0 78.0#



#33

1,2-Dichloroethane-d4

Concen: 55.236 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062737.D

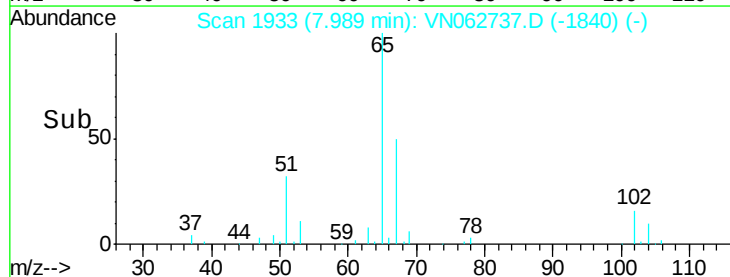
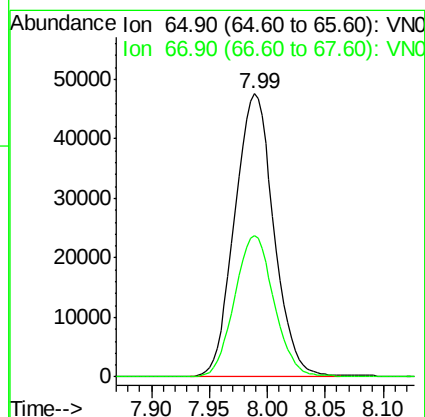
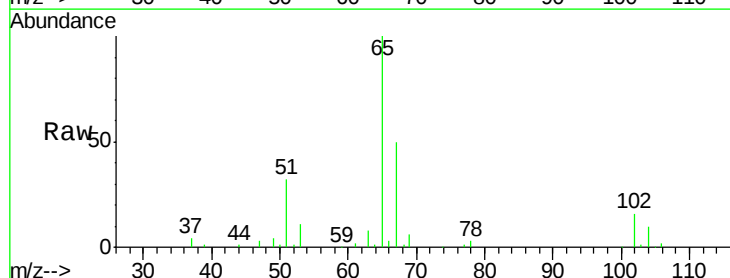
Acq: 3 Aug 2020 15:49

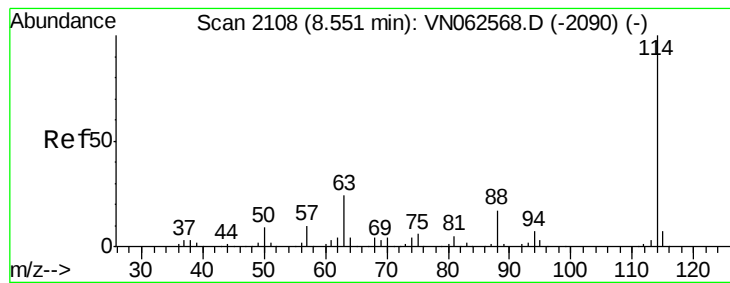
Tgt Ion: 65 Resp: 111627

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

E-LGC-5

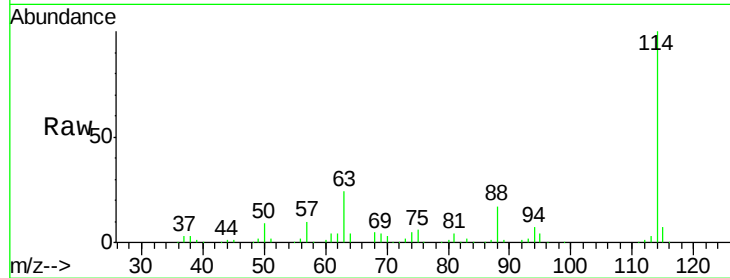
Tot Ion:114 Resp: 227142

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.4

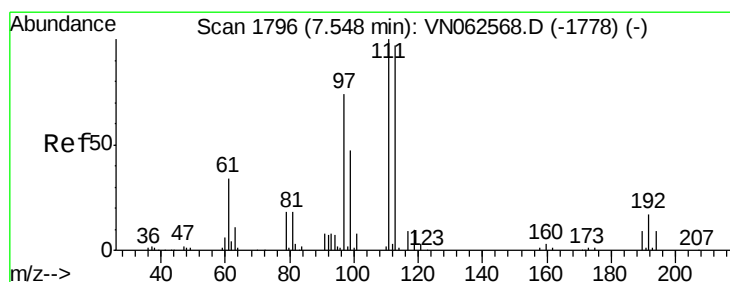
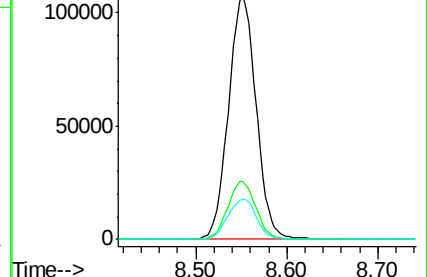
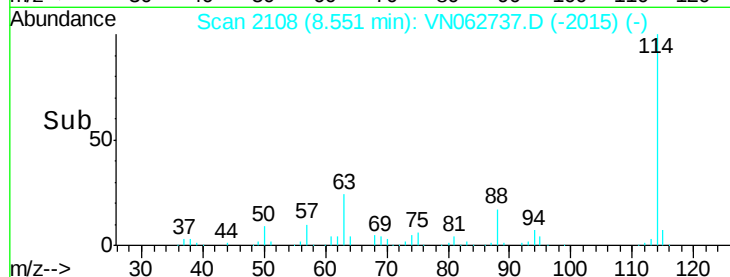
88 16.6 0.0 33.8



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: 50.306 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

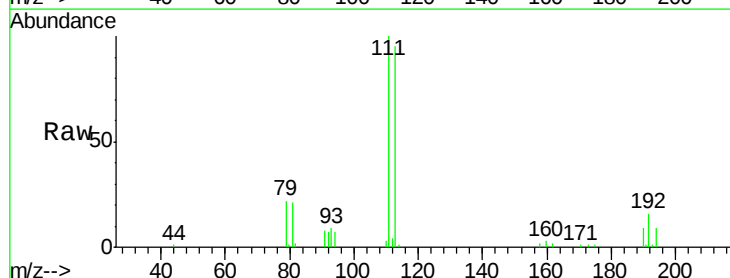
Tgt Ion:113 Resp: 75056

Ion Ratio Lower Upper

113 100

111 105.3 82.7 124.1

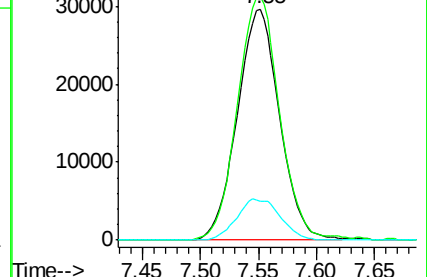
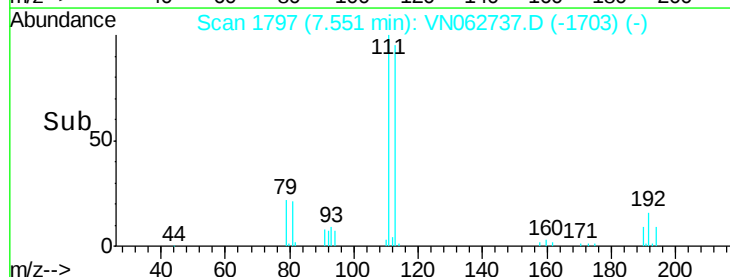
192 18.3 14.8 22.2

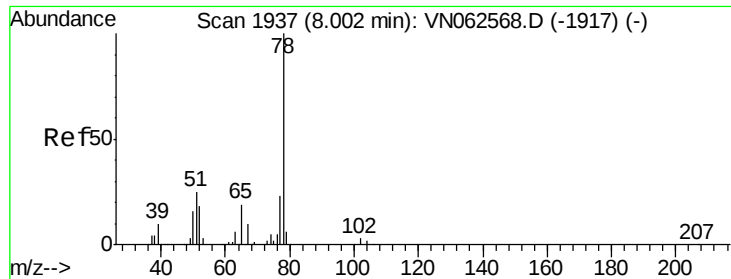


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.706 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

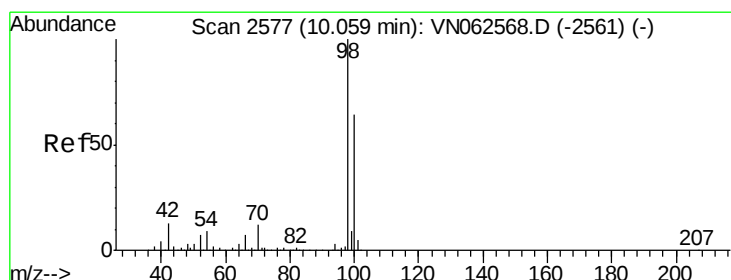
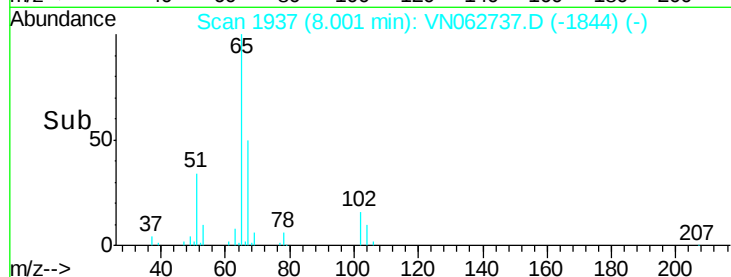
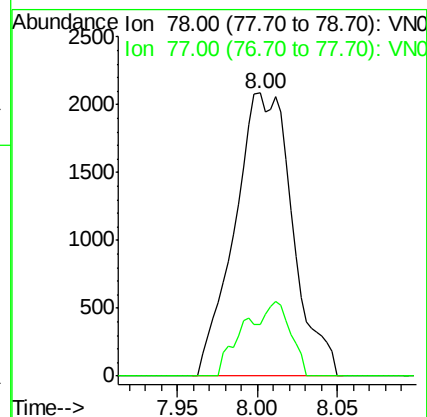
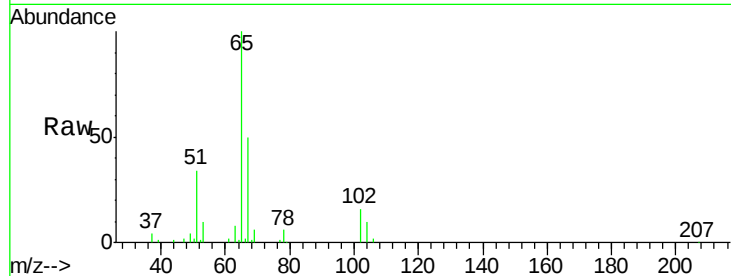
E-LGC-5

Tot Ion: 78 Resp: 5173

Ion Ratio Lower Upper

78 100

77 18.2 18.7 28.1#



#50

Toluene-d8

Concen: 50.401 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062737.D

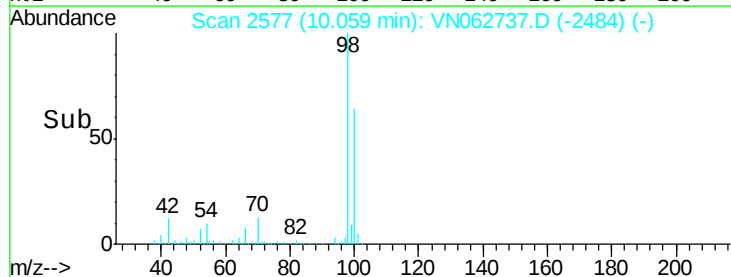
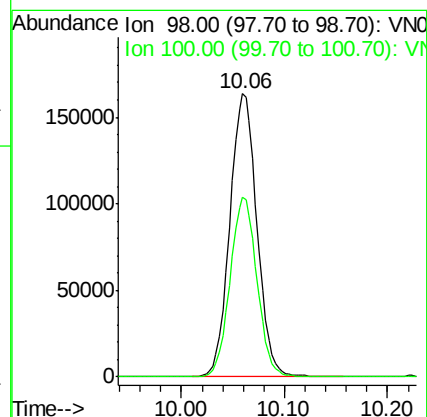
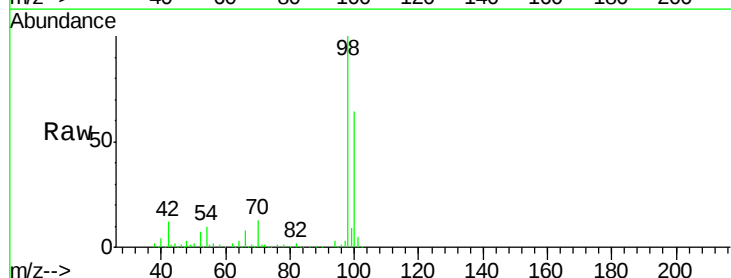
Acq: 3 Aug 2020 15:49

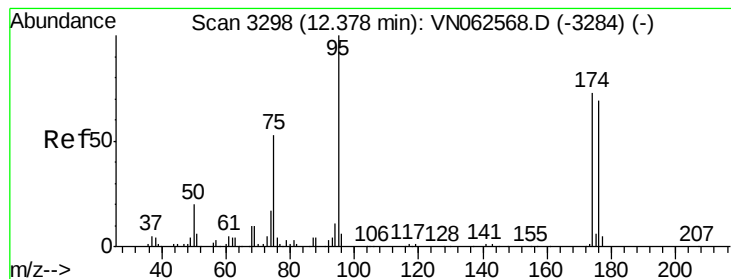
Tgt Ion: 98 Resp: 300034

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.913 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

E-LGC-5

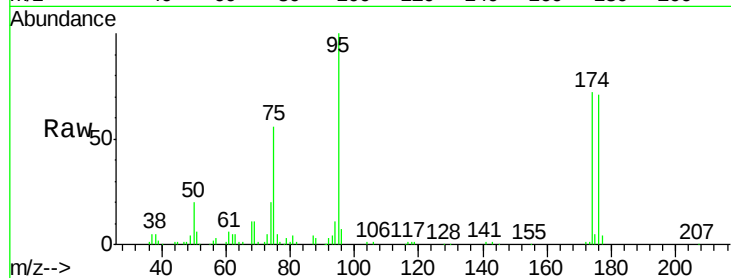
Tot Ion: 95 Resp: 104290

Ion Ratio Lower Upper

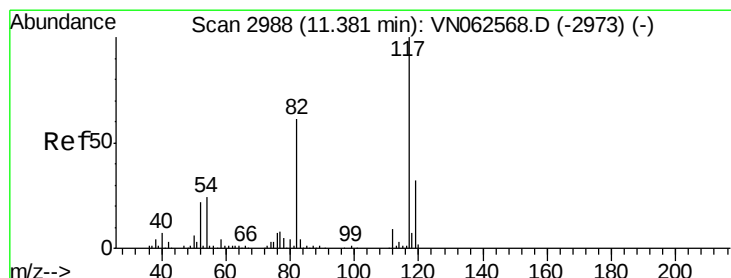
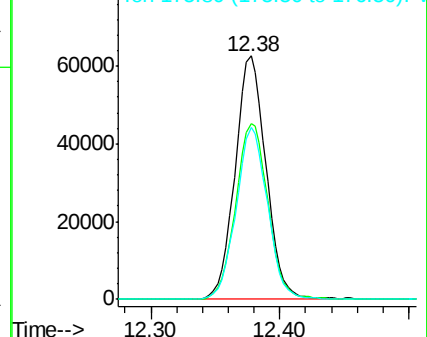
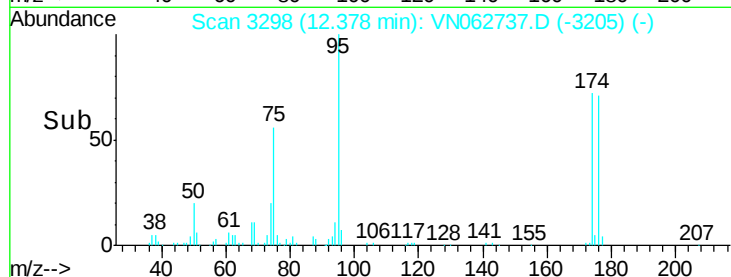
95 100

174 75.4 0.0 144.6

176 71.6 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062737.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

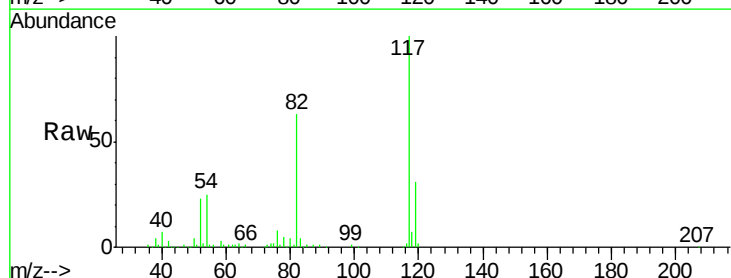
Tgt Ion: 117 Resp: 222505

Ion Ratio Lower Upper

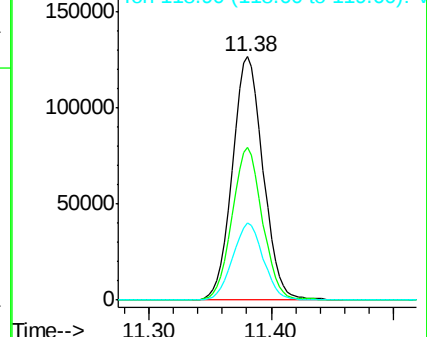
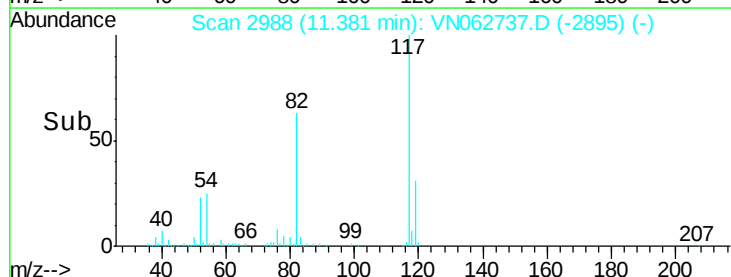
117 100

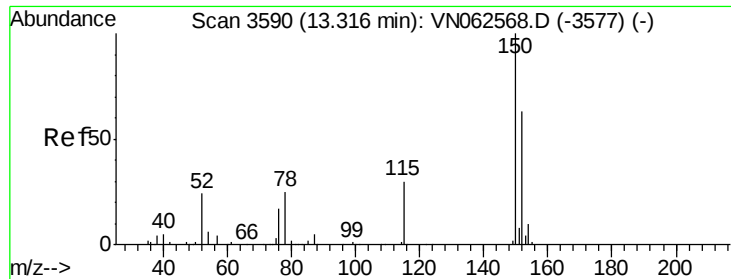
82 62.8 49.0 73.6

119 31.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN062737.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

E-LGC-5

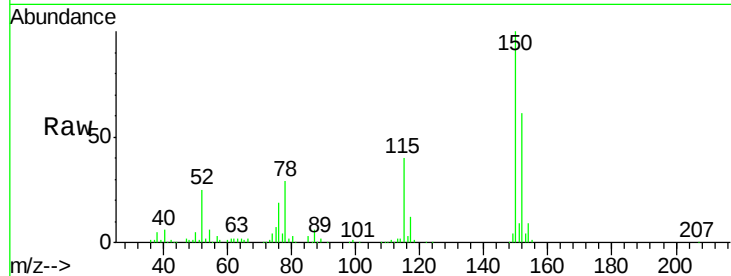
Tot Ion:152 Resp: 80225

Ion Ratio Lower Upper

152 100

115 64.7 31.8 95.4

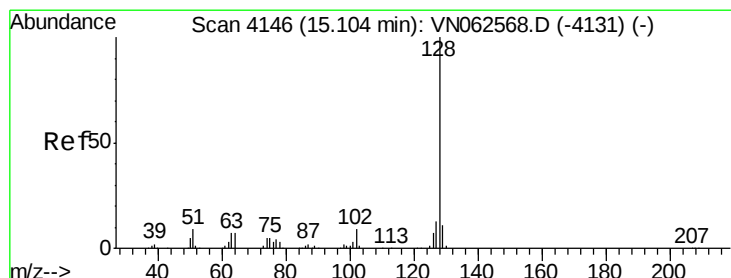
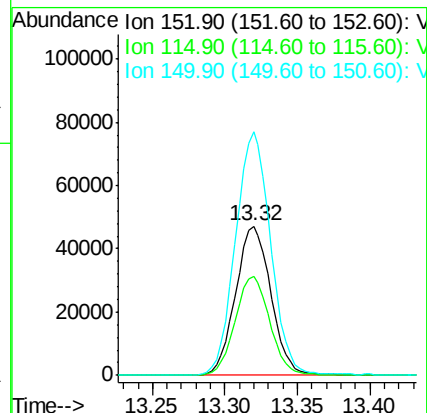
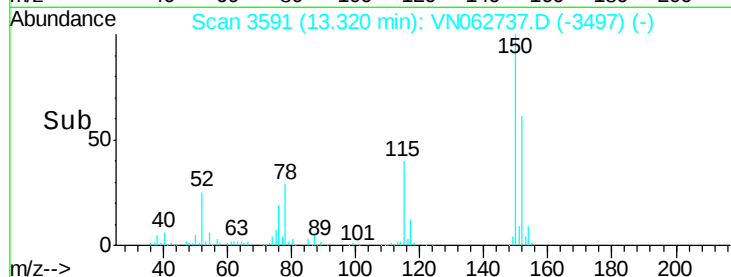
150 162.0 0.0 351.4



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: 8.510 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062737.D

Acq: 3 Aug 2020 15:49

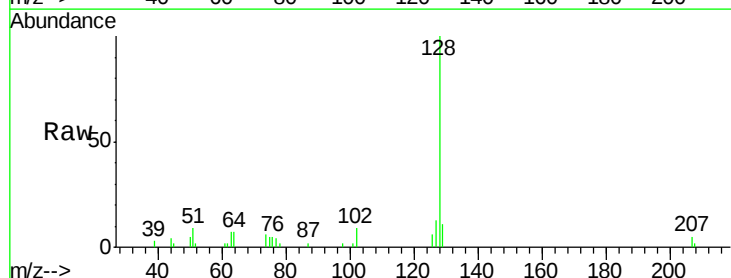
Tgt Ion:128 Resp: 18320

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 10.6 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

