

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062733.D
 Acq On : 3 Aug 2020 14:13
 Operator : JC/MD
 Sample : L3539-04 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E-LGC-5

Quant Time: Aug 04 07:46:41 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

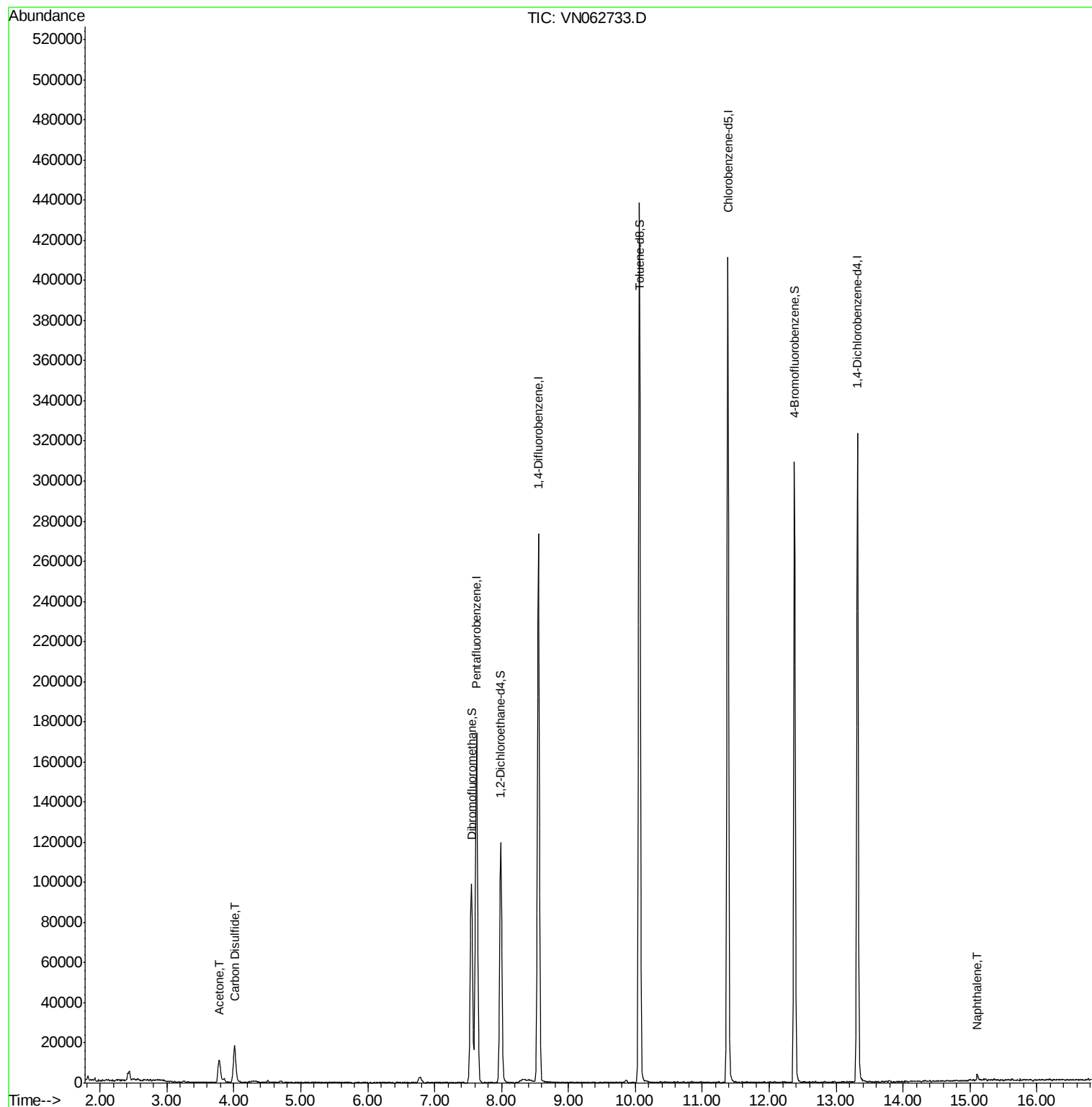
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	130300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	223905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111290	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
35) Dibromofluoromethane	7.55	113	75632	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.06	98	297360	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.38	95	106887	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
16) Acetone	3.78	43	19973	26.222	ug/l	96
17) Carbon Disulfide	4.01	76	34002	7.417	ug/l	98
95) Naphthalene	15.10	128	3477	4.620	ug/l #	89

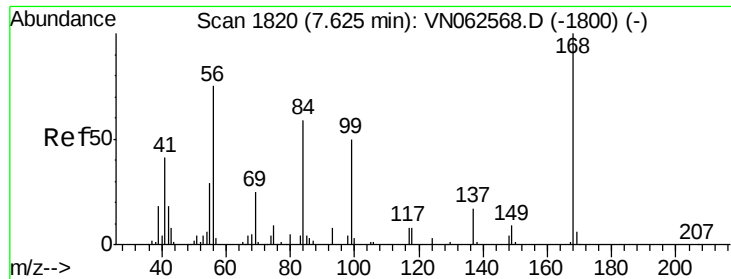
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1820

Delta R.T. -0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

Instrument :

MSVOA_N

ClientSampled :

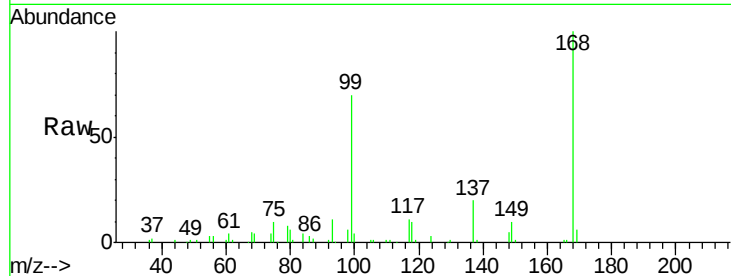
E-LGC-5

Tot Ion:168 Resp: 130300

Ion Ratio Lower Upper

168 100

99 69.6 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

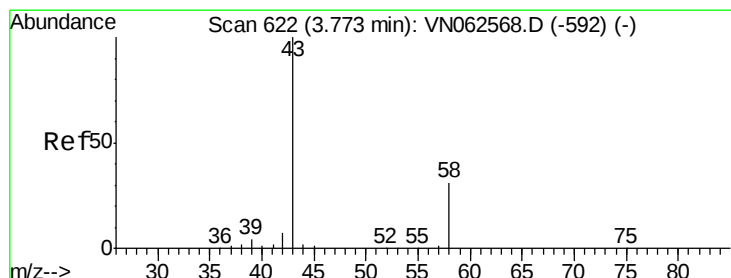
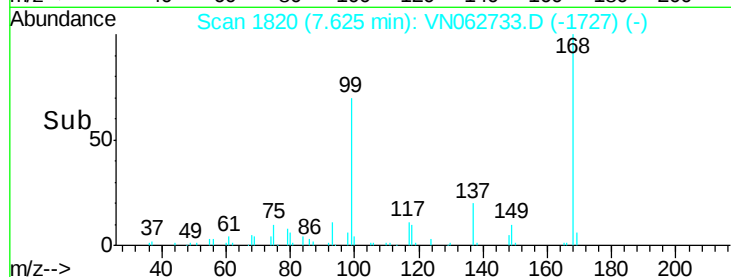
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 26.222 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062733.D

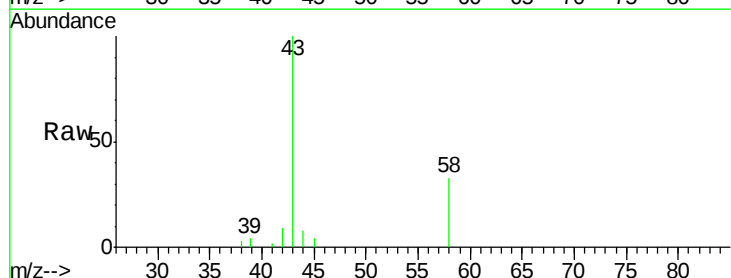
Acq: 3 Aug 2020 14:13

Tgt Ion: 43 Resp: 19973

Ion Ratio Lower Upper

43 100

58 33.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

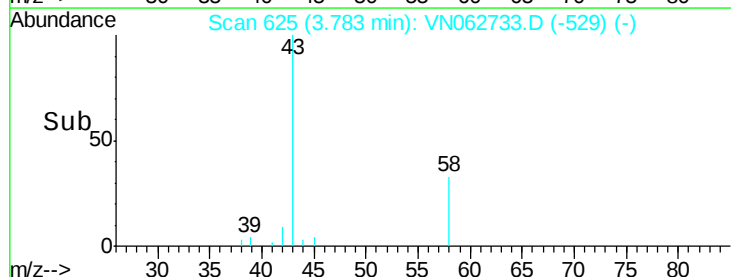
6000

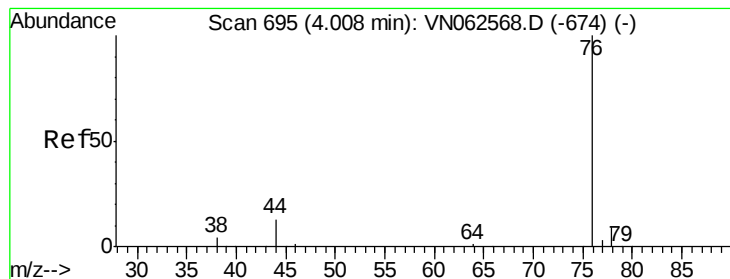
4000

2000

0

Time--> 3.70 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 7.417 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

Instrument :

MSVOA_N

ClientSampled :

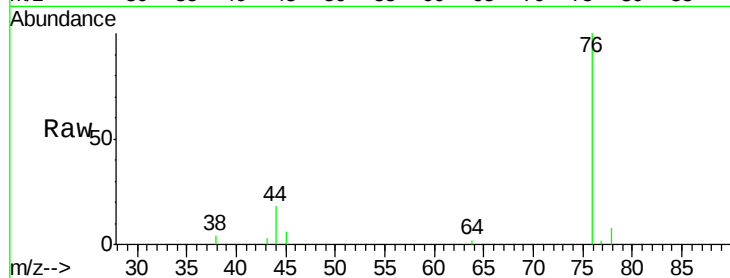
E-LGC-5

Tot Ion: 76 Resp: 34002

Ion Ratio Lower Upper

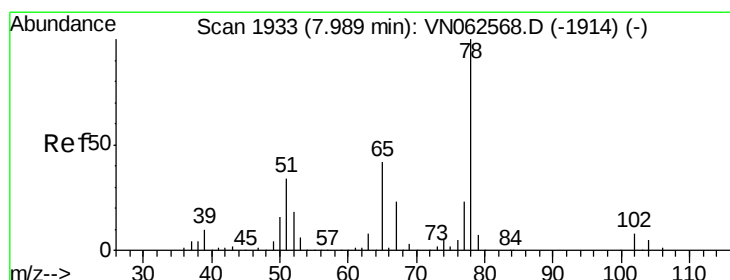
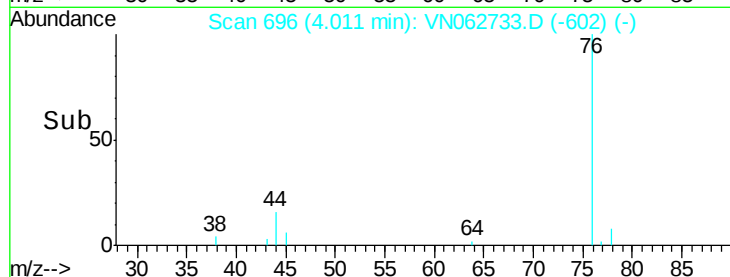
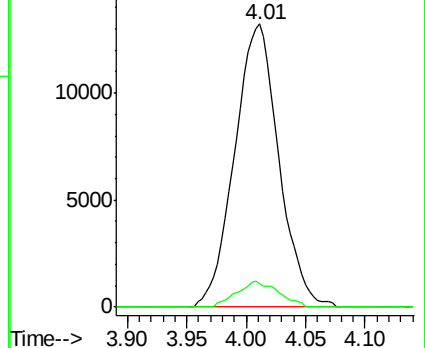
76 100

78 8.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062733.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN062733.D (-602) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.981 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062733.D

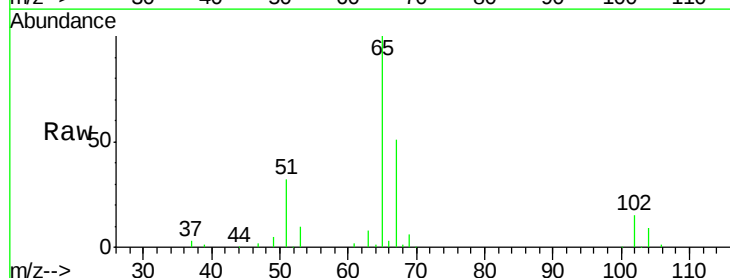
Acq: 3 Aug 2020 14:13

Tgt Ion: 65 Resp: 111290

Ion Ratio Lower Upper

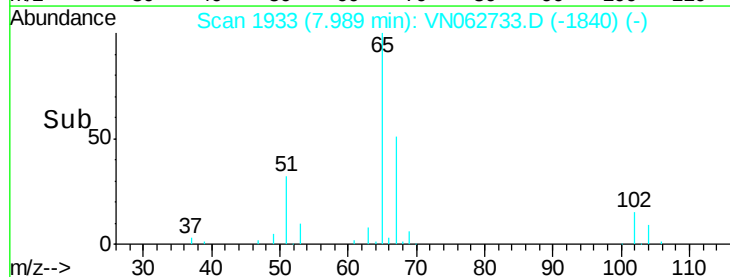
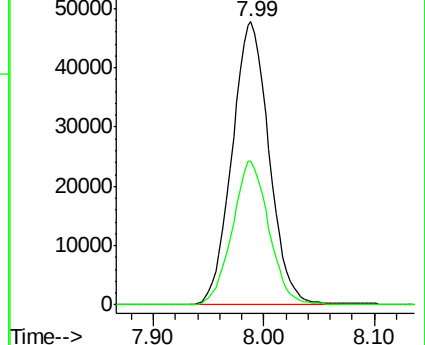
65 100

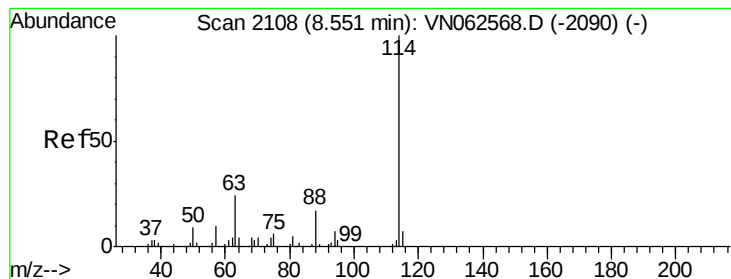
67 50.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062733.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062733.D (-1840) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

Instrument :

MSVOA_N

ClientSampled :

E-LGC-5

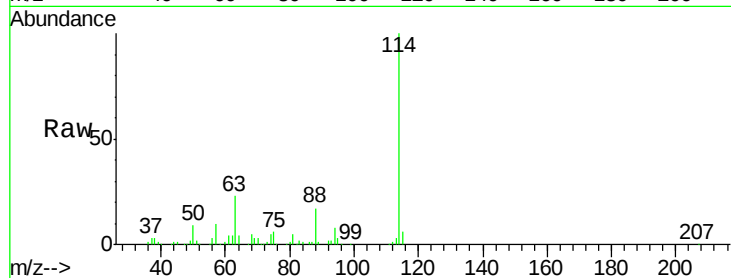
Tot Ion:114 Resp: 229690

Ion Ratio Lower Upper

114 100

63 23.1 0.0 48.4

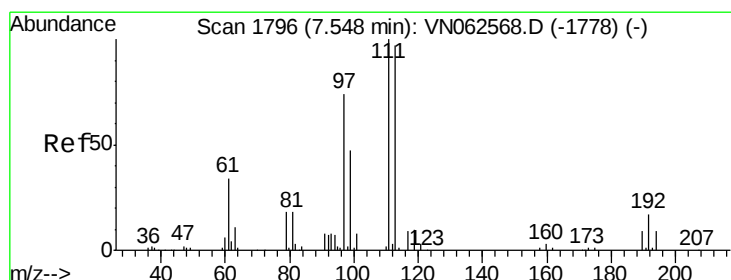
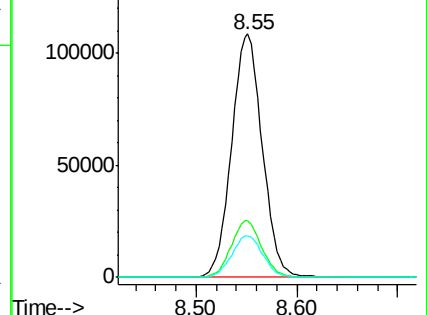
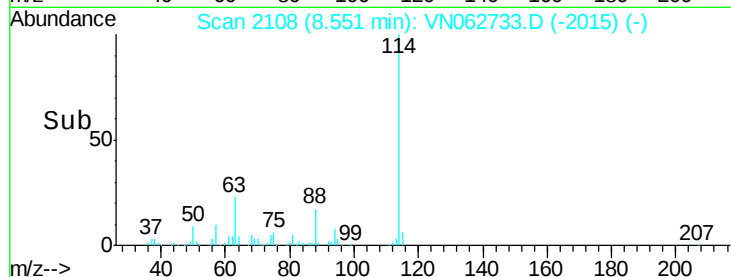
88 17.2 0.0 33.8



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: 50.129 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

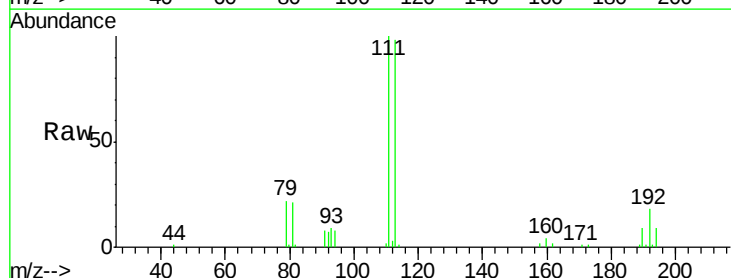
Tgt Ion:113 Resp: 75632

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

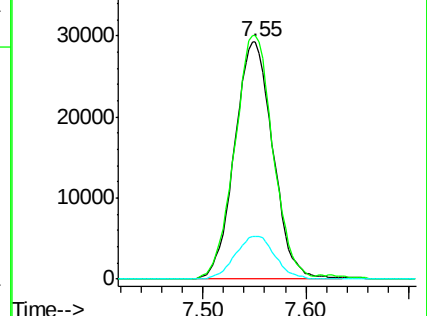
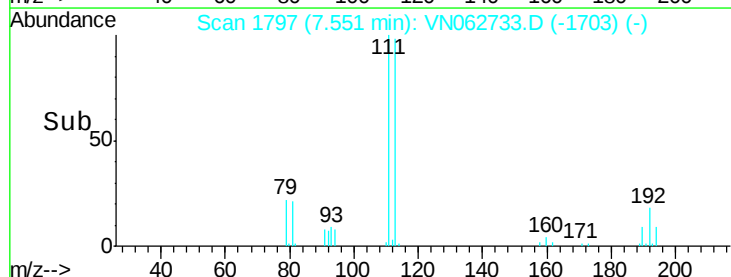
192 18.7 14.8 22.2

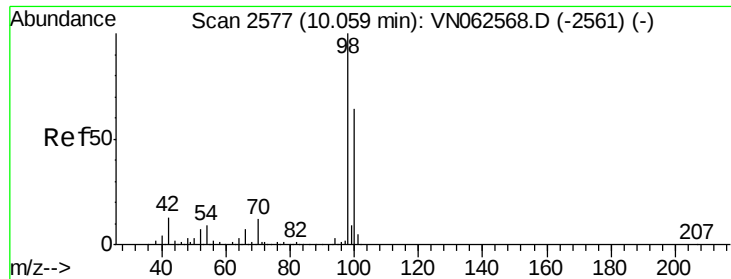


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.397 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

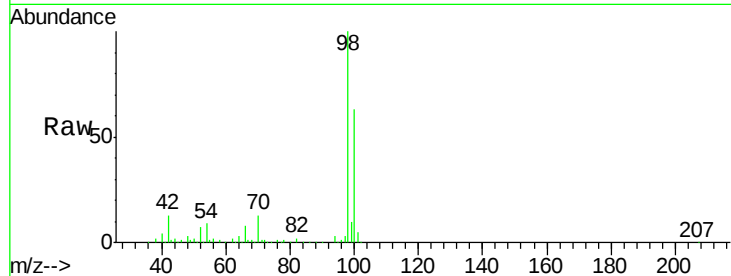
E-LGC-5

Tot Ion: 98 Resp: 297360

Ion Ratio Lower Upper

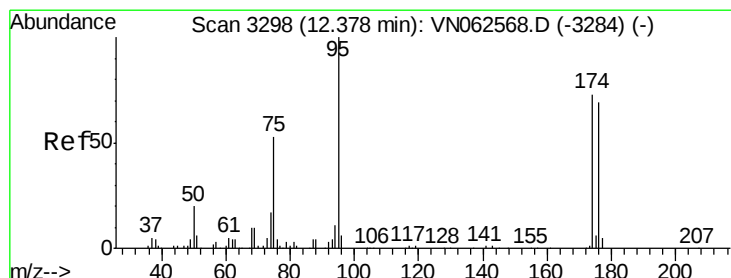
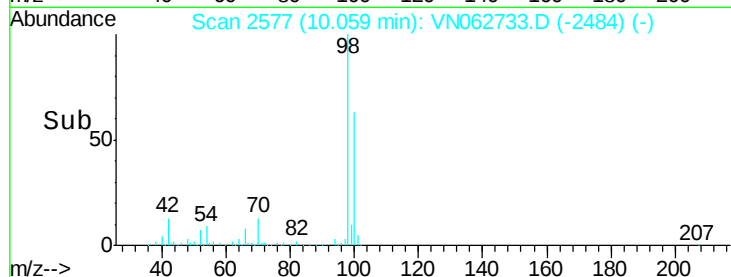
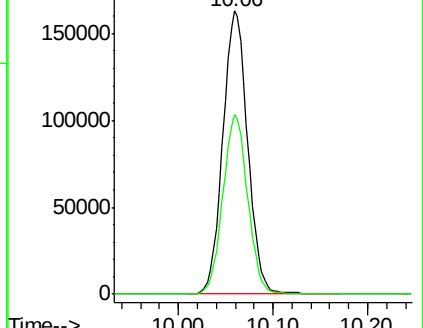
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062733.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062733.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 48.561 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

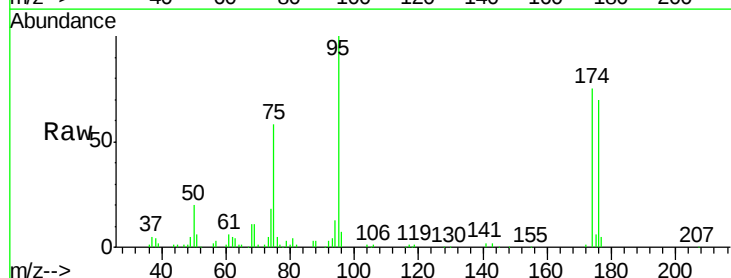
Tgt Ion: 95 Resp: 106887

Ion Ratio Lower Upper

95 100

174 74.9 0.0 144.6

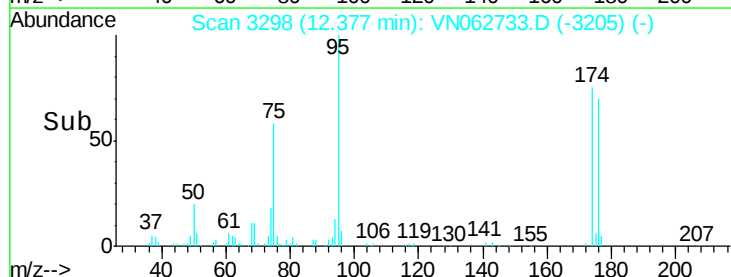
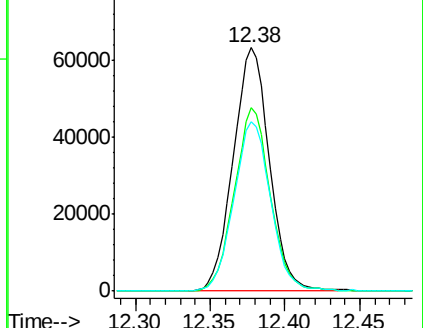
176 70.5 0.0 139.4

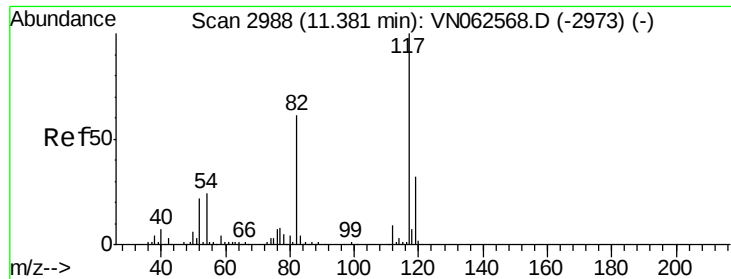


Abundance Ion 94.90 (94.60 to 95.60): VN062733.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062733.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062733.D (-3205) (-)

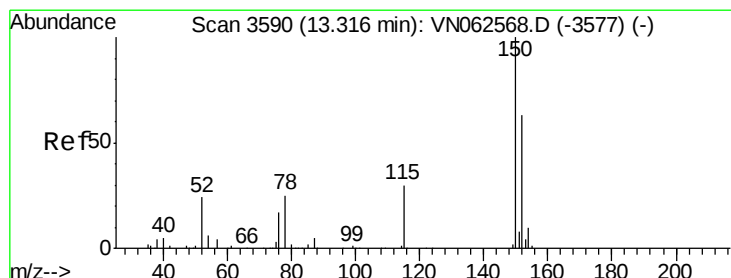
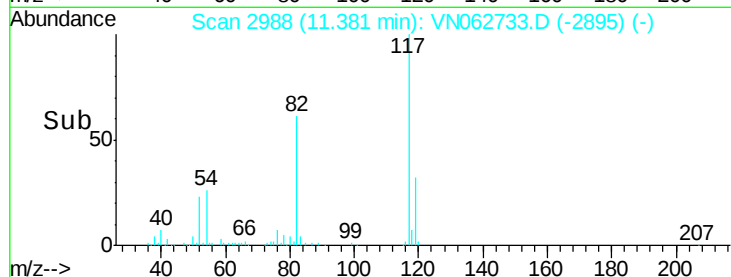
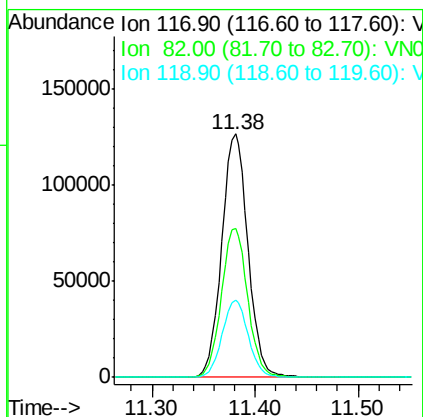
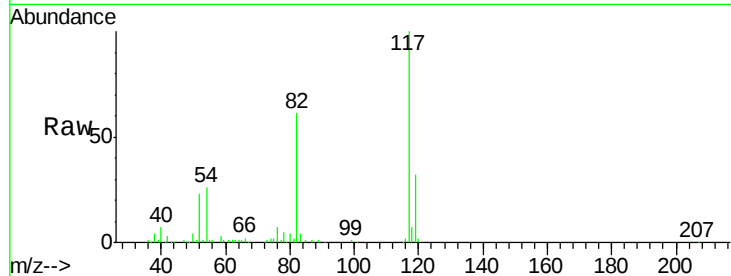




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062733.D
Acq: 3 Aug 2020 14:13

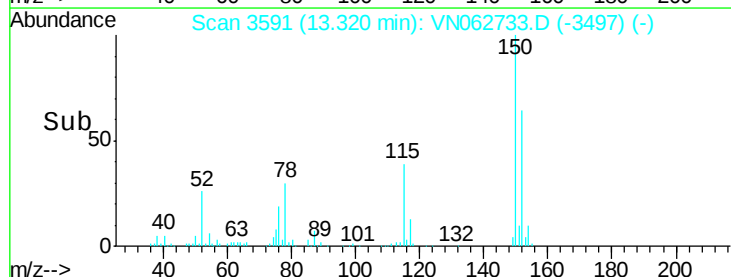
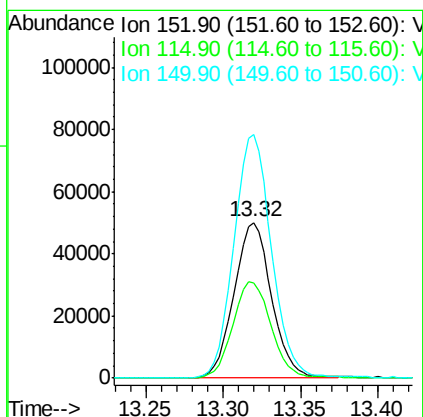
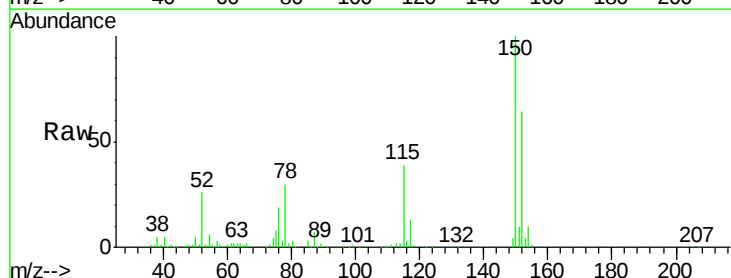
Instrument :
MSVOA_N
ClientSampleId :
E-LGC-5

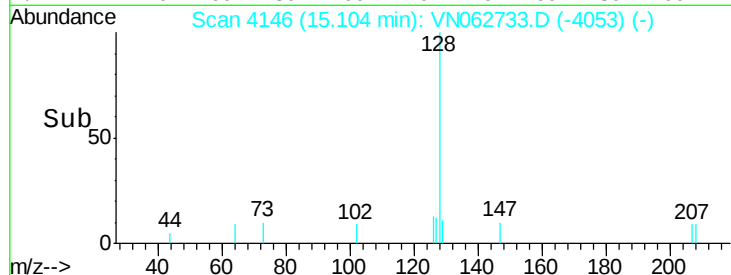
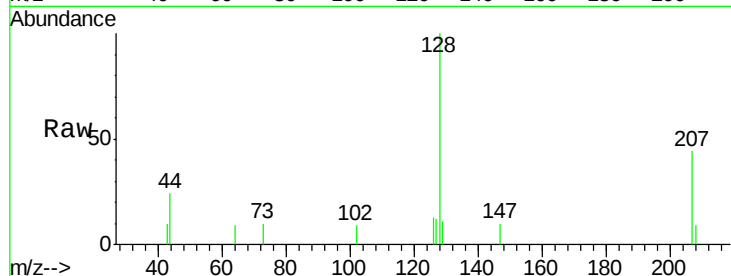
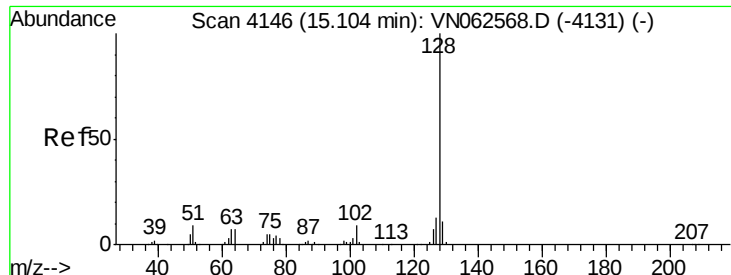
Tot Ion:117 Resp: 223905
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062733.D
Acq: 3 Aug 2020 14:13

Tgt Ion:152 Resp: 84230
Ion Ratio Lower Upper
152 100
115 63.5 31.8 95.4
150 156.7 0.0 351.4





#95

Naphthalene

Concen: 4.620 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062733.D

Acq: 3 Aug 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

E-LGC-5

Tot Ion:128 Resp: 3477

Ion Ratio Lower Upper

128 100

127 9.1 10.4 15.6#

129 6.4 8.7 13.1#

