

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062846.D
 Acq On : 11 Aug 2020 21:58
 Operator : JC/MD
 Sample : L3607-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 11 22:37:49 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

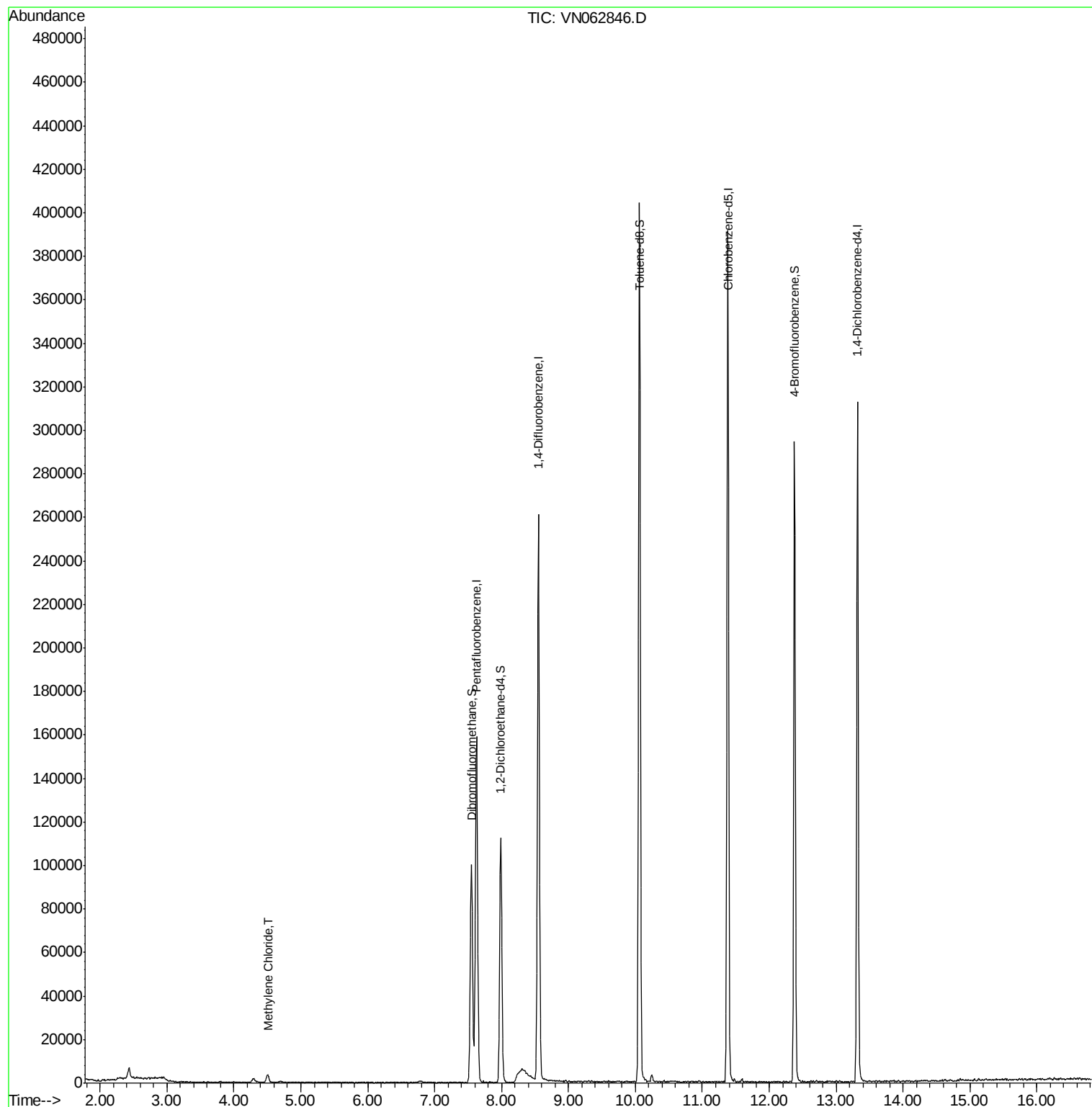
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	120600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	219516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	219574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105979	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
35) Dibromofluoromethane	7.55	113	76544	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.06	98	282535	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	104181	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
20) Methylene Chloride	4.51	84	2981	1.523	ug/l	Qvalue 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

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Acq: 11 Aug 2020 21:58

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MSVOA_N

ClientSampleId :

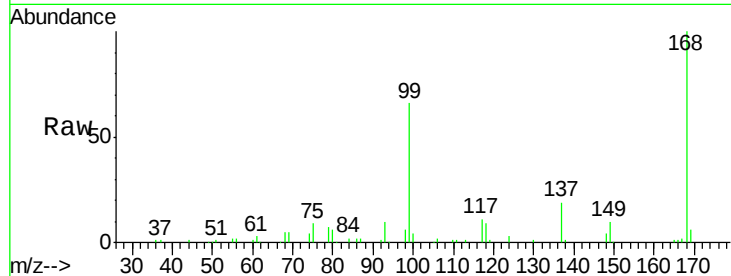
ES-TOTE-COMP

Tot Ion:168 Resp: 120600

Ion Ratio Lower Upper

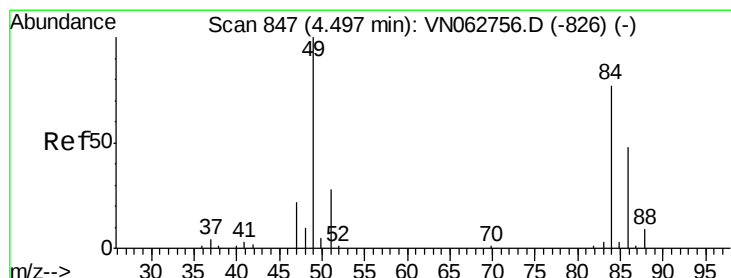
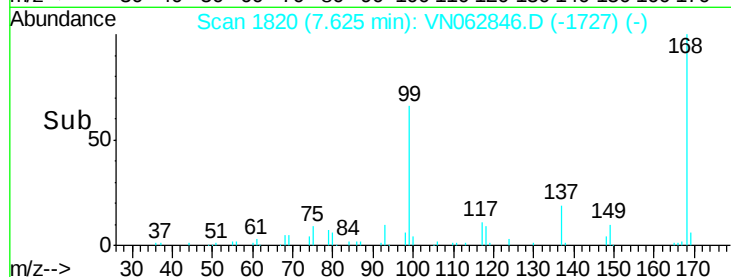
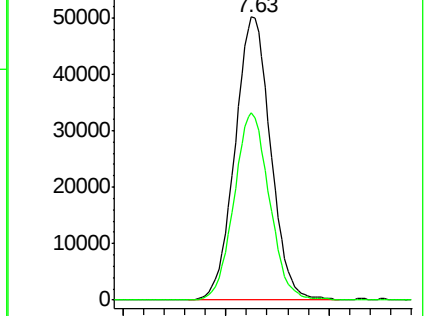
168 100

99 66.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.523 ug/l

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Tgt Ion: 84 Resp: 2981

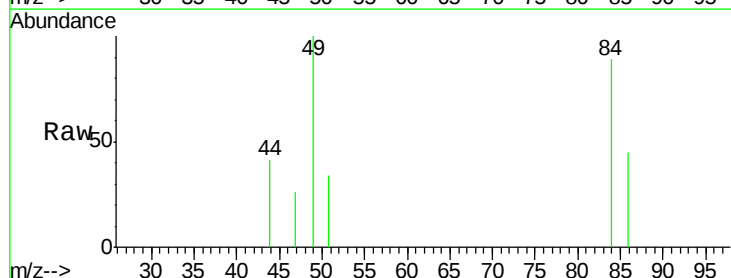
Ion Ratio Lower Upper

84 100

49 112.5 103.4 155.2

51 37.8 29.3 43.9

86 51.0 49.9 74.9

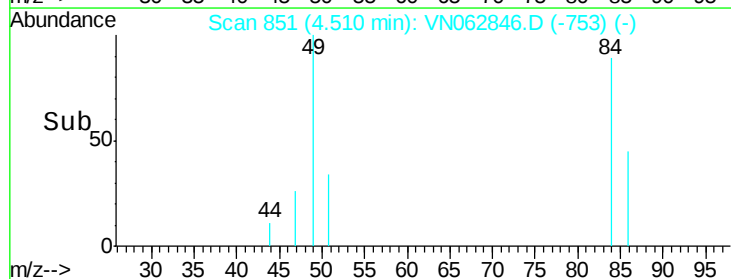
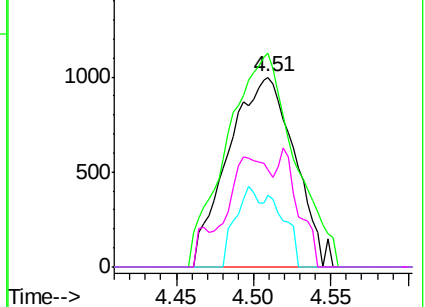


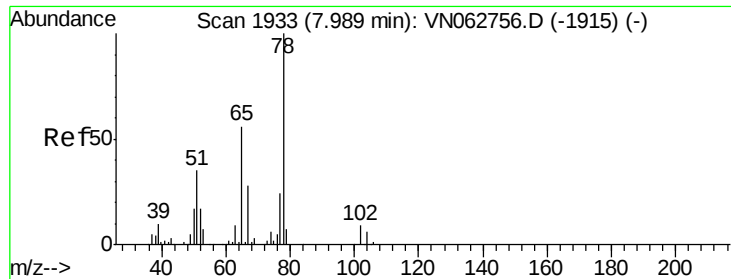
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

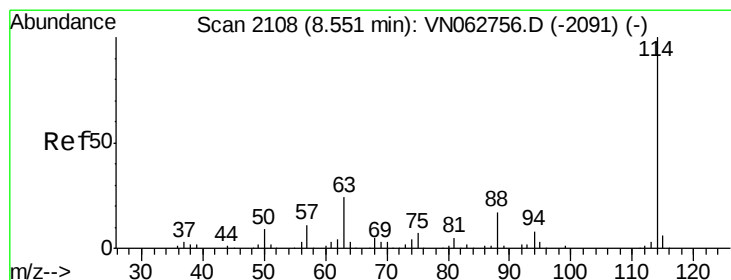
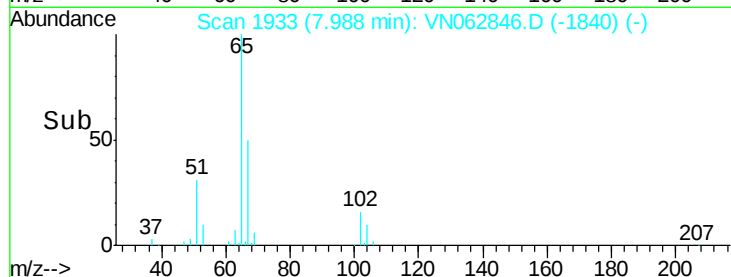
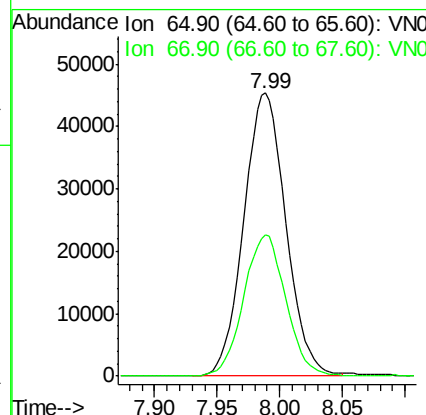
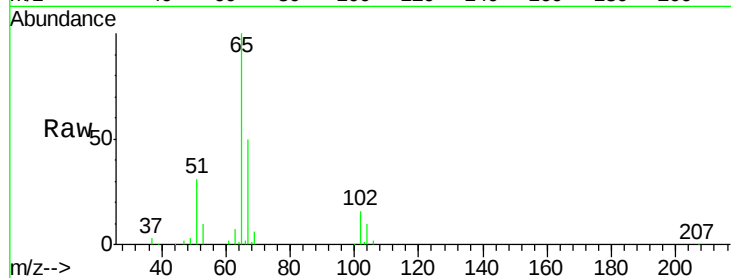




#33
 1,2-Dichloroethane-d4
 Concen: 53.140 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062846.D
 Acq: 11 Aug 2020 21:58

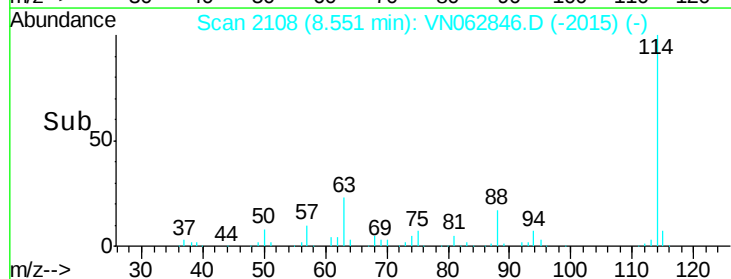
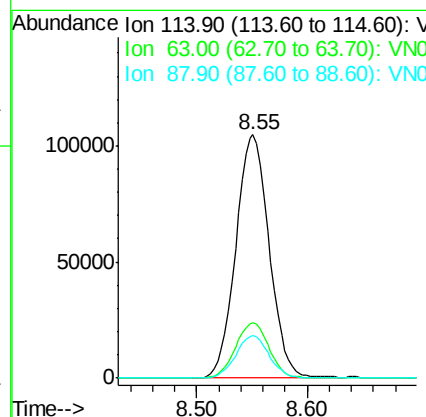
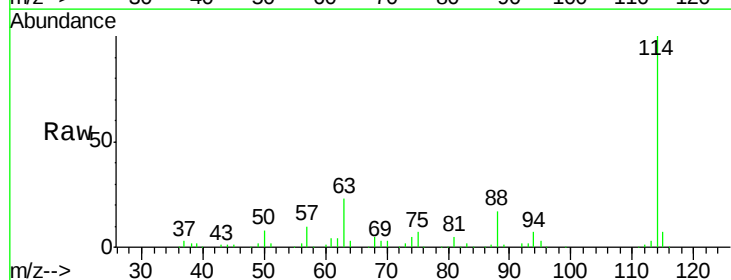
Instrument :
 MSVOA_N
 ClientSampleId :
 ES-TOTE-COMP

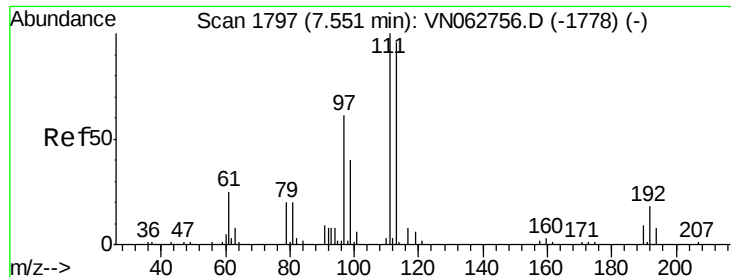
Tot Ion: 65 Resp: 105979
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062846.D
 Acq: 11 Aug 2020 21:58

Tgt Ion: 114 Resp: 219516
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.6
 88 17.3 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.975 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

ES-TOTE-COMP

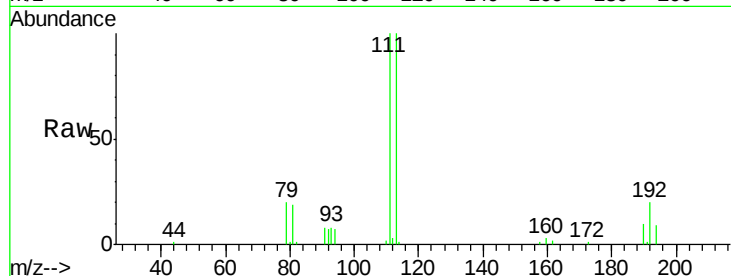
Tot Ion:113 Resp: 76544

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.6

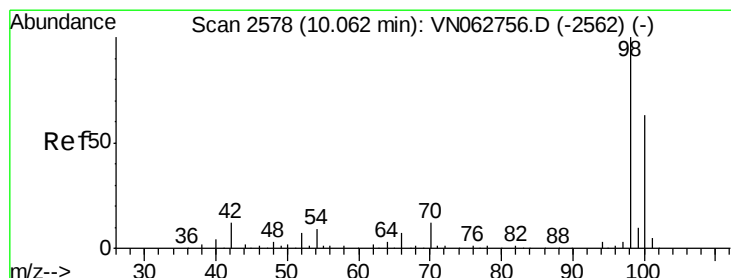
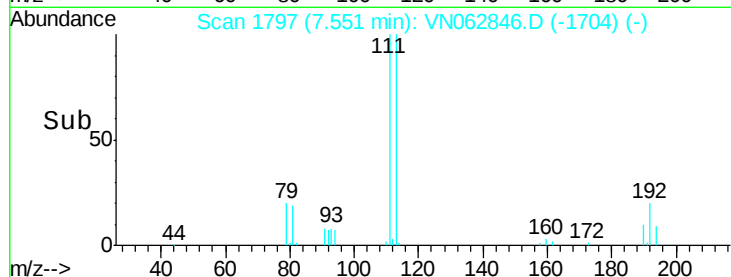
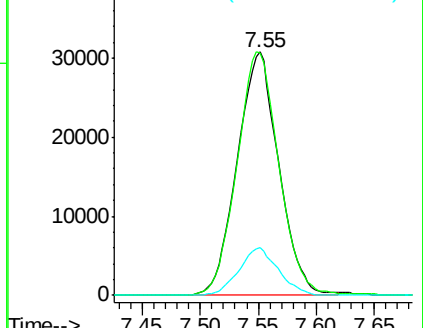
192 18.6 15.0 22.4



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: 48.194 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062846.D

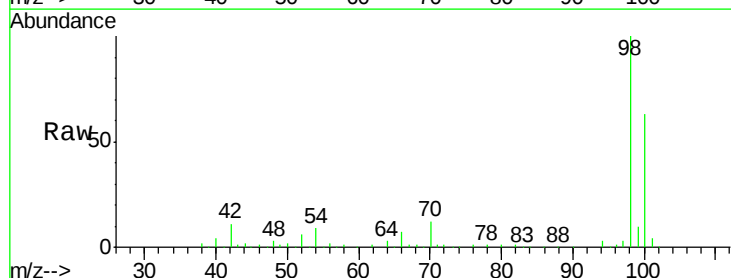
Acq: 11 Aug 2020 21:58

Tgt Ion: 98 Resp: 282535

Ion Ratio Lower Upper

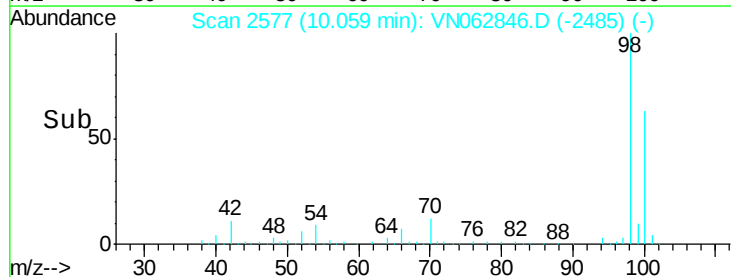
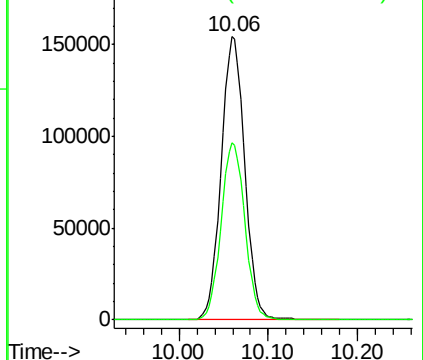
98 100

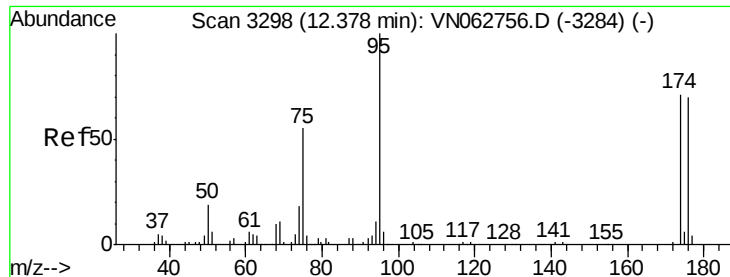
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

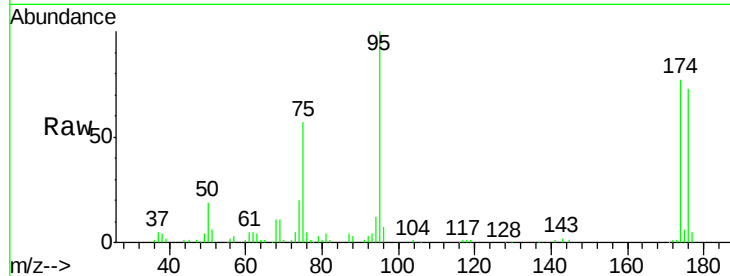




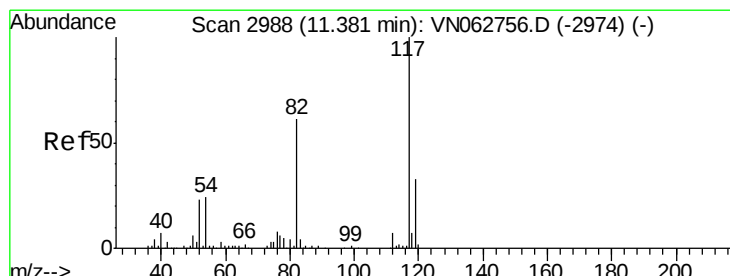
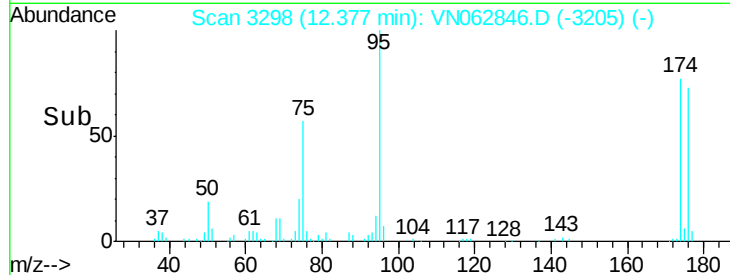
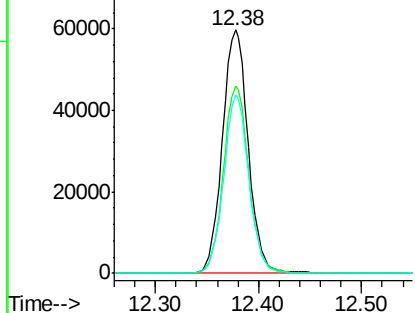
#62
4-Bromofluorobenzene
Concen: 47.026 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Instrument :
MSVOA_N
ClientSampleId :
ES-TOTE-COMP

Tot Ion: 95 Resp: 104181
Ion Ratio Lower Upper
95 100
174 75.8 0.0 144.8
176 71.2 0.0 142.2

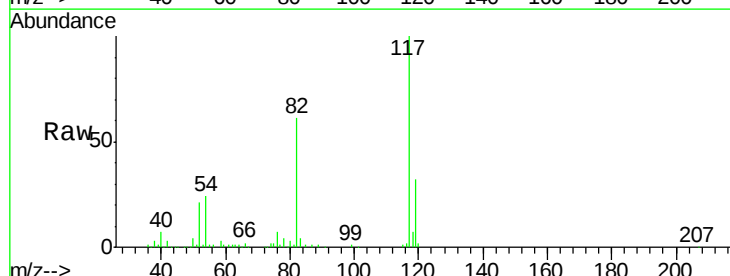


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

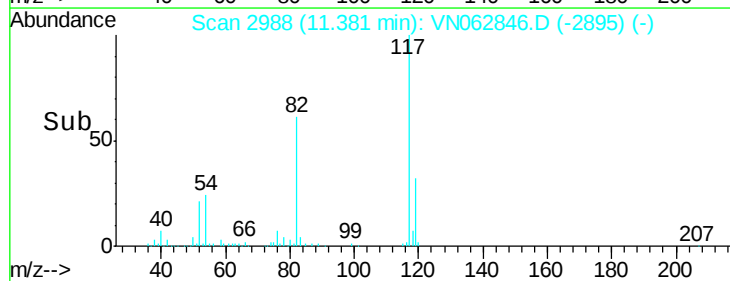
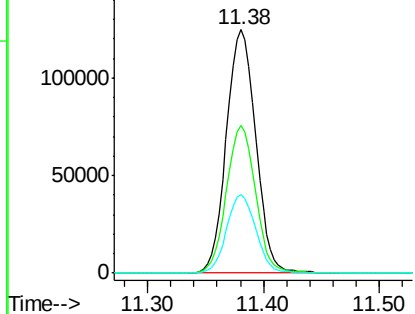


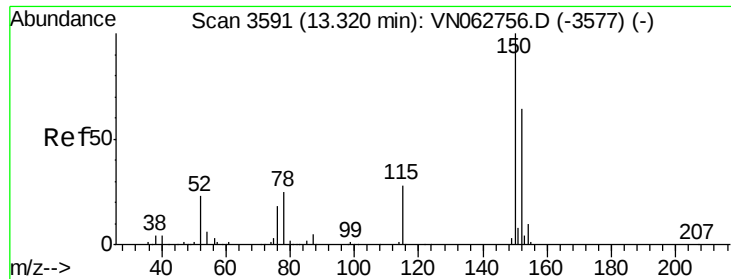
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Tgt Ion: 117 Resp: 219574
Ion Ratio Lower Upper
117 100
82 60.8 49.0 73.4
119 32.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)
Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)
Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

ES-TOTE-COMP

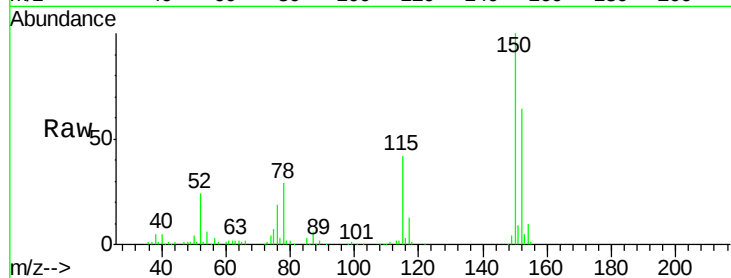
Tot Ion:152 Resp: 82295

Ion Ratio Lower Upper

152 100

115 65.0 31.6 94.8

150 159.4 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

