

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062028.D
 Acq On : 23 Jun 2020 3:58
 Operator : JC/MD
 Sample : L3033-09 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF017MW005-200616

Quant Time: Jun 23 07:17:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

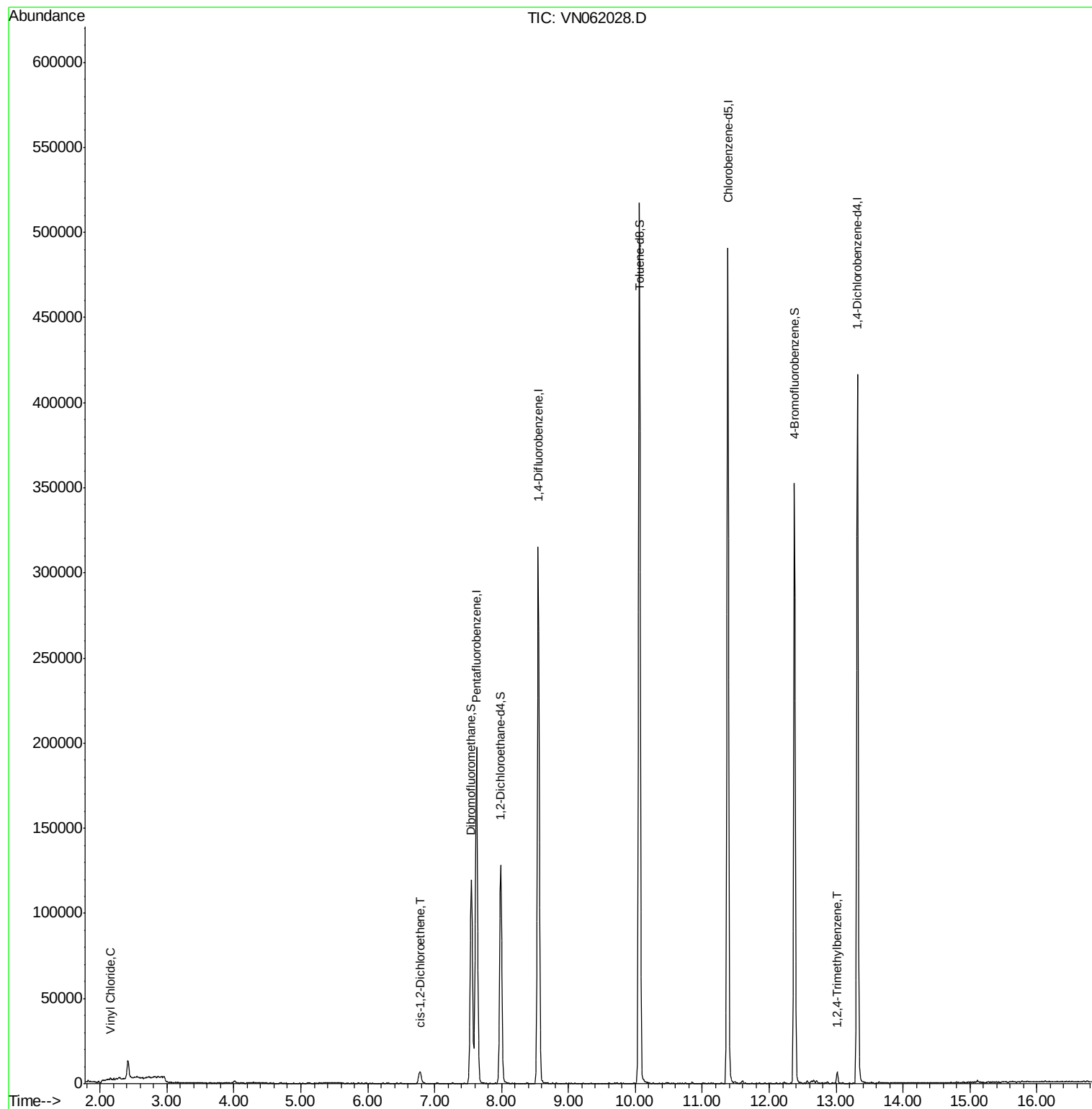
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	158750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	293114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	286924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106777	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	7.55	113	93263	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.06	98	364959	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	126583	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
4) Vinyl Chloride	2.16	62	903	0.344	ug/l #	86
27) cis-1,2-Dichloroethene	6.78	96	3163	1.480	ug/l	84
84) 1,2,4-Trimethylbenzene	13.01	105	4442	0.658	ug/l	99

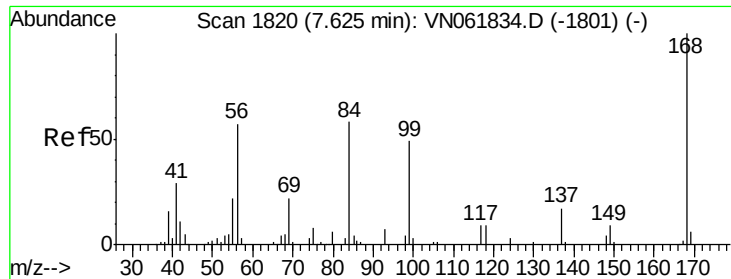
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: 23 Jun 2020 3:58

Instrument :

MSVOA_N

ClientSampleId :

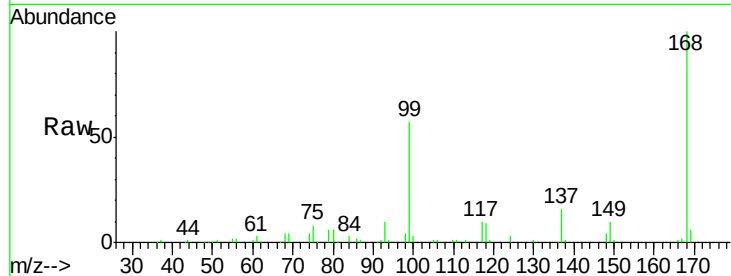
LF017MW005-200616

Tot Ion:168 Resp: 158750

Ion Ratio Lower Upper

168 100

99 56.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

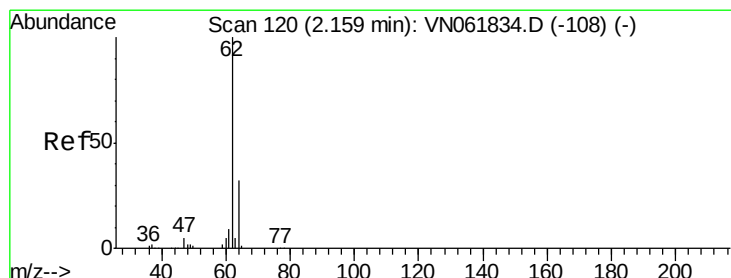
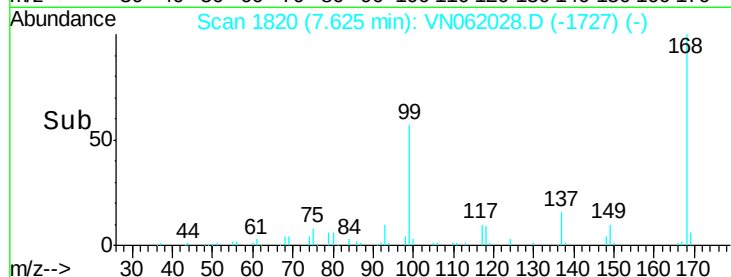
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#4

Vinyl Chloride

Concen: 0.344 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062028.D

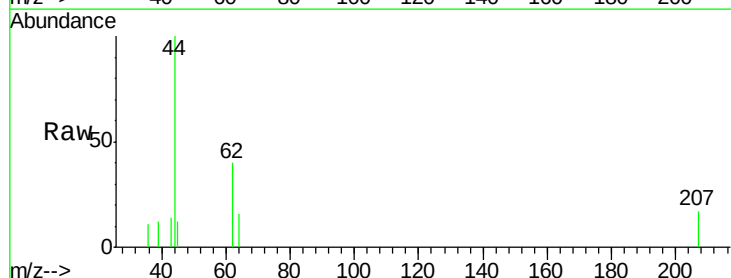
Acq: 23 Jun 2020 3:58

Tgt Ion: 62 Resp: 903

Ion Ratio Lower Upper

62 100

64 39.9 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

600

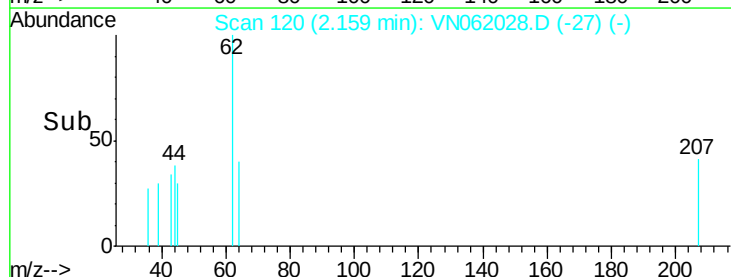
400

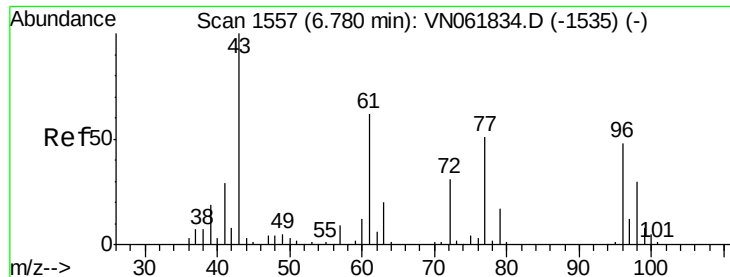
200

0

2.12 2.14 2.16 2.18

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.480 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062028.D

Acq: 23 Jun 2020 3:58

Instrument :

MSVOA_N

ClientSampleId :

LF017MW005-200616

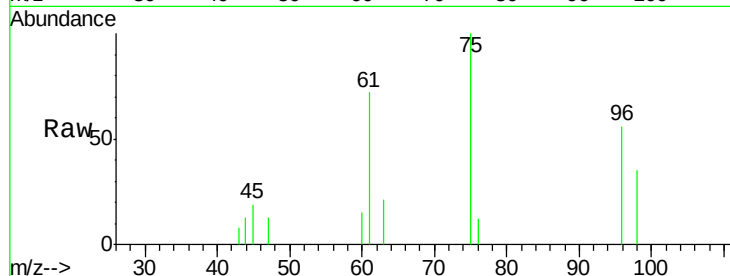
Tot Ion: 96 Resp: 3163

Ion Ratio Lower Upper

96 100

61 121.6 0.0 265.6

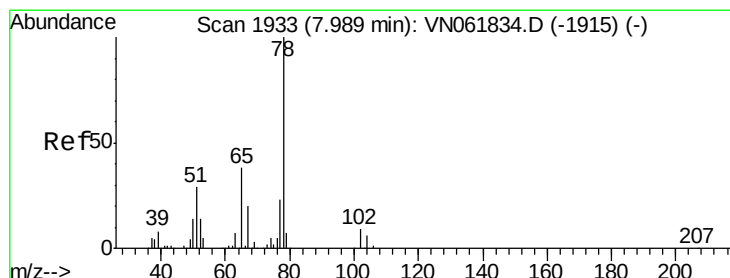
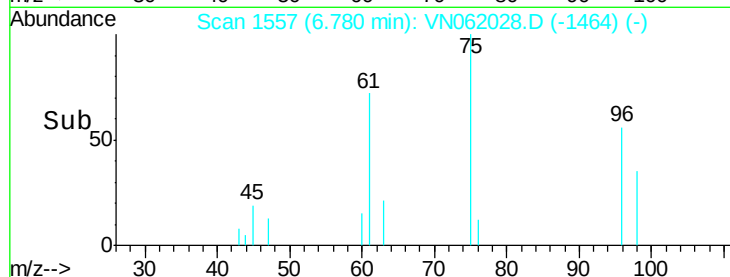
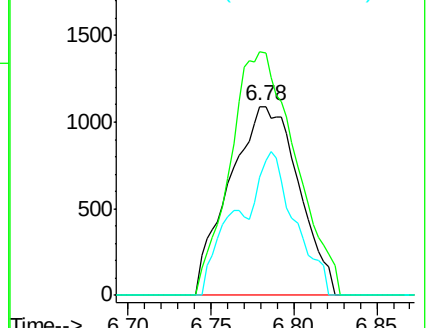
98 41.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.152 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062028.D

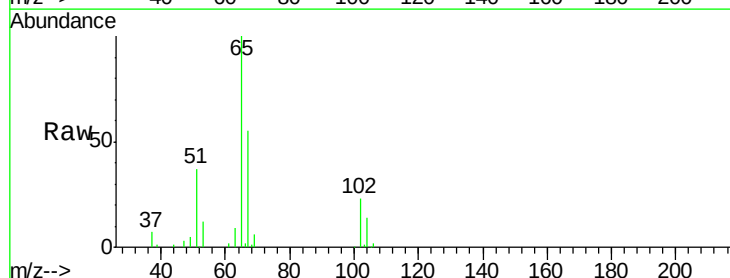
Acq: 23 Jun 2020 3:58

Tgt Ion: 65 Resp: 106777

Ion Ratio Lower Upper

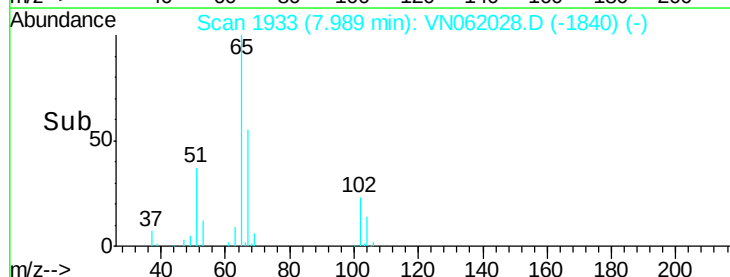
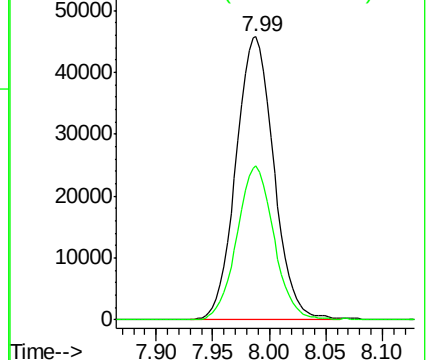
65 100

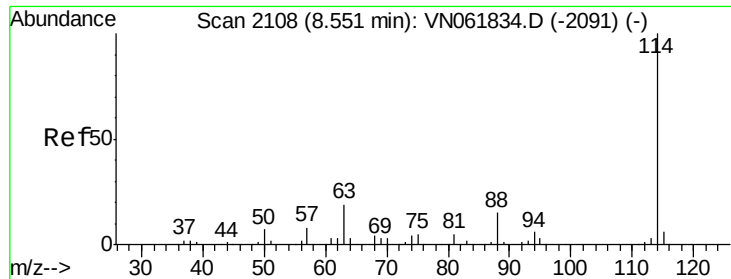
67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

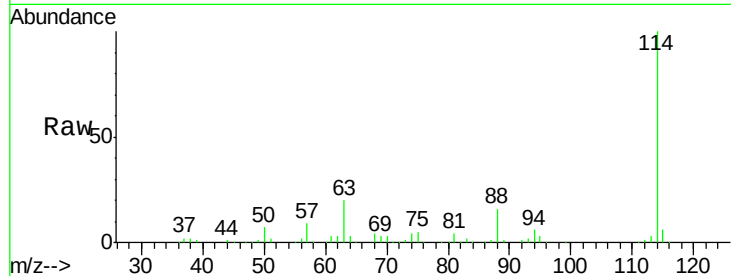




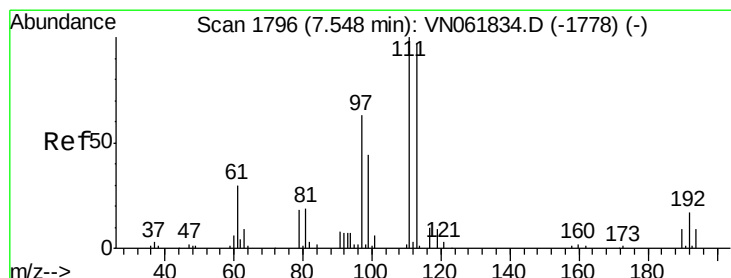
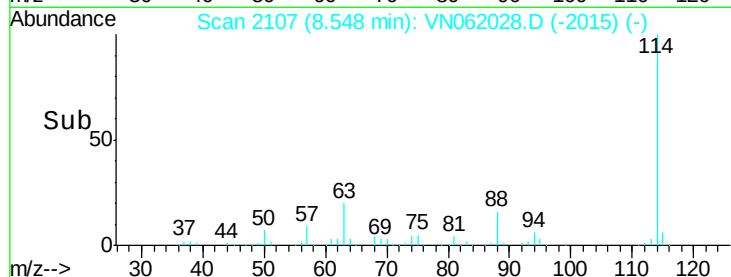
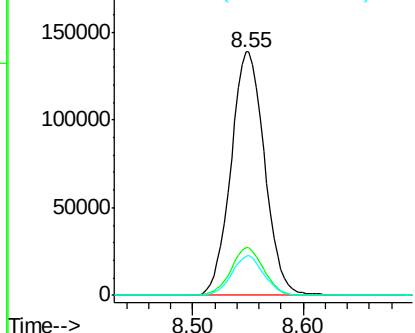
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062028.D
Acq: 23 Jun 2020 3:58

Instrument :
MSVOA_N
ClientSampleId :
LF017MW005-200616

Tot Ion:114 Resp: 293114
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.6
88 16.0 0.0 31.0

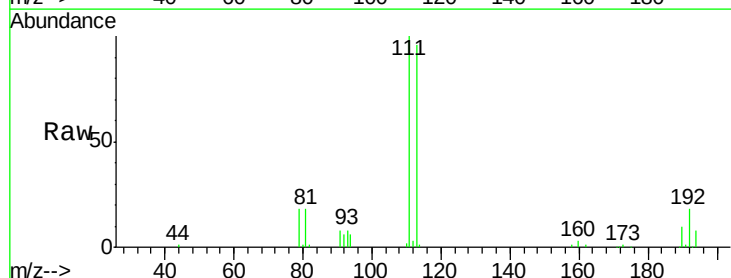


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

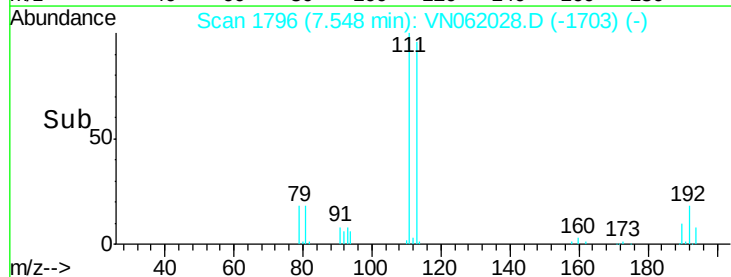
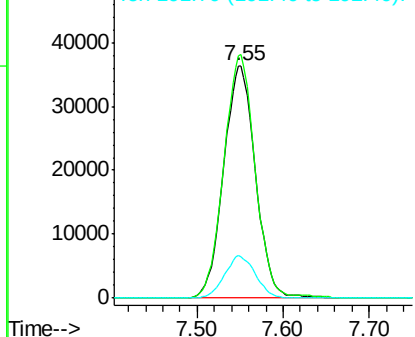


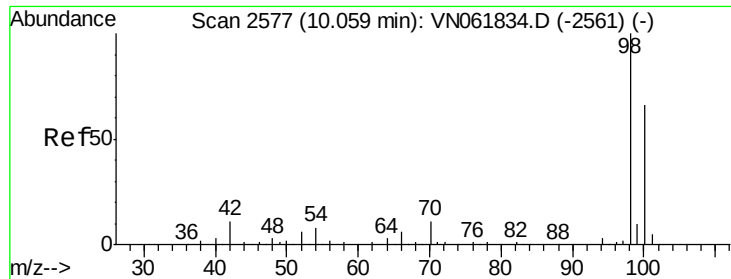
#35
Dibromofluoromethane
Concen: 49.735 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062028.D
Acq: 23 Jun 2020 3:58

Tgt Ion:113 Resp: 93263
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 17.6 13.9 20.9



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: 49.505 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062028.D

Acq: 23 Jun 2020 3:58

Instrument :

MSVOA_N

ClientSampleId :

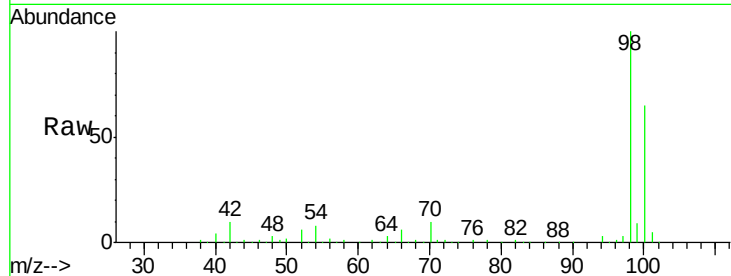
LF017MW005-200616

Tot Ion: 98 Resp: 364959

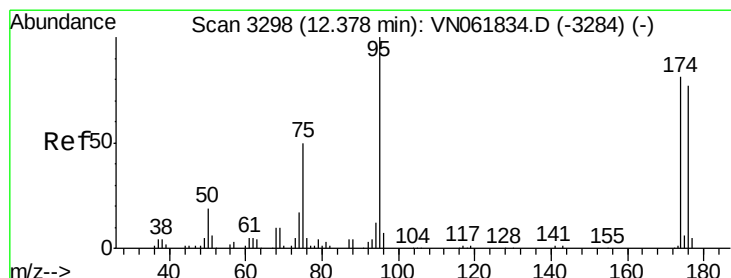
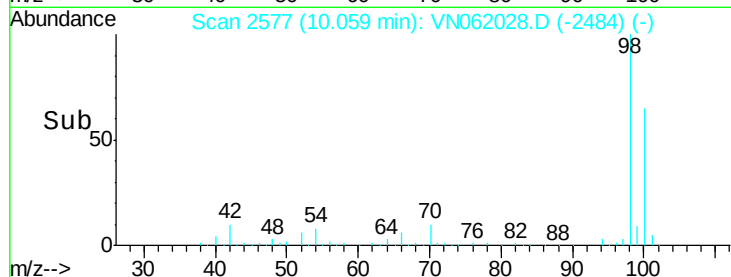
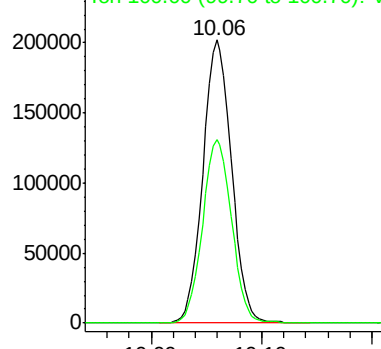
Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 50.057 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062028.D

Acq: 23 Jun 2020 3:58

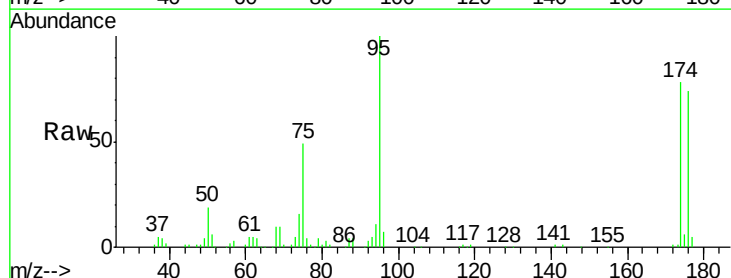
Tgt Ion: 95 Resp: 126583

Ion Ratio Lower Upper

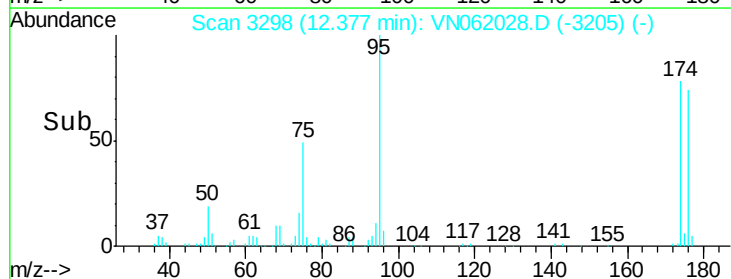
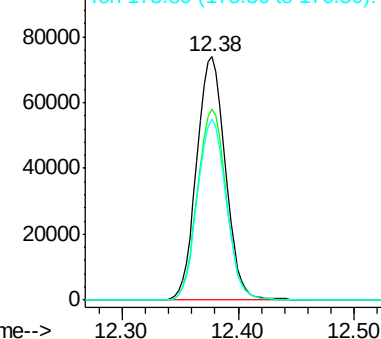
95 100

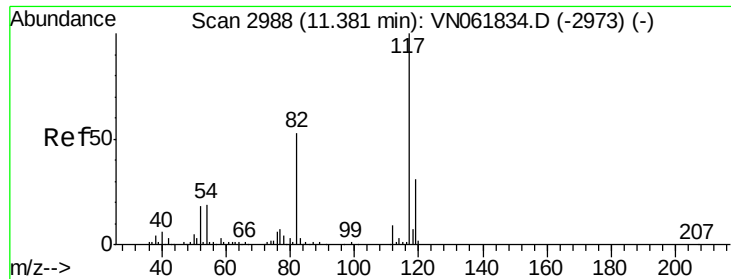
174 78.3 0.0 158.6

176 74.6 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

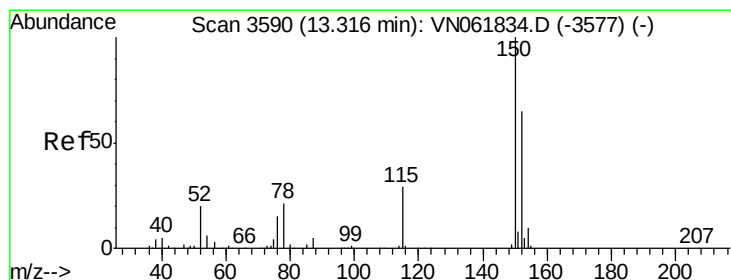
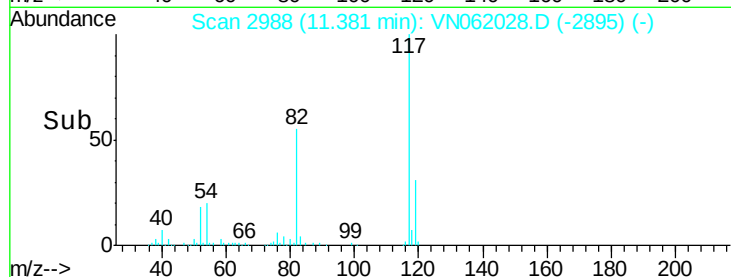
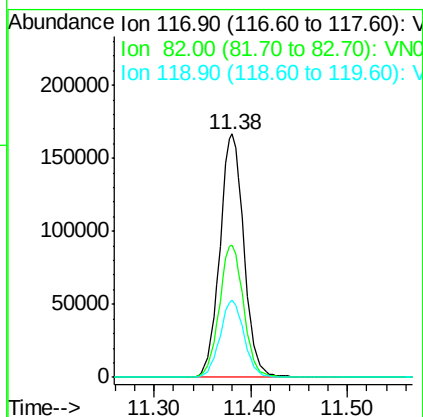
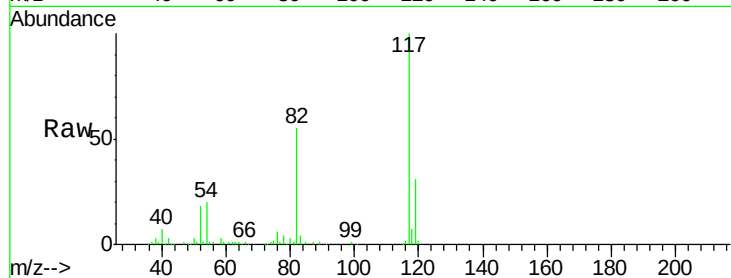




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062028.D
Acq: 23 Jun 2020 3:58

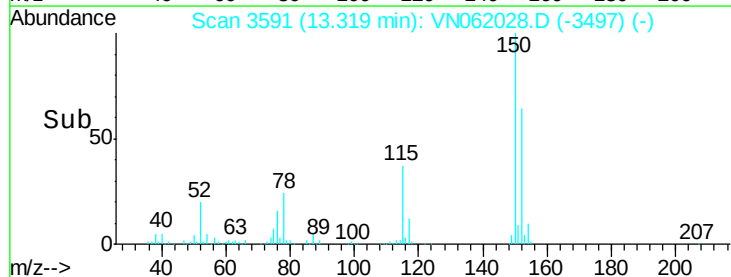
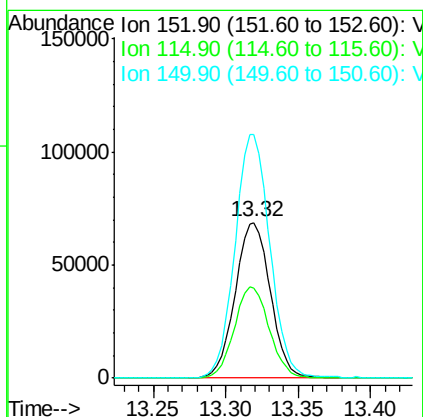
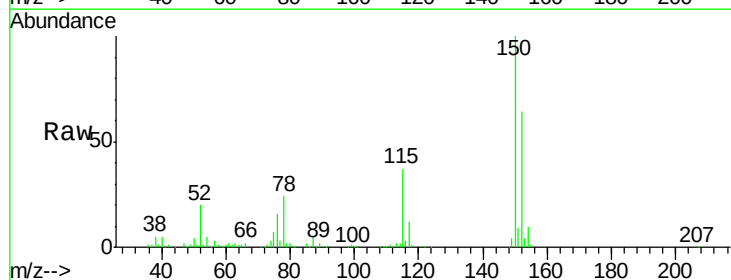
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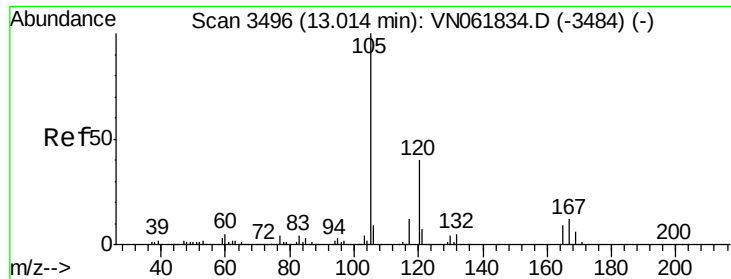
Tot Ion:117 Resp: 286924
Ion Ratio Lower Upper
117 100
82 54.5 42.6 64.0
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062028.D
Acq: 23 Jun 2020 3:58

Tgt Ion:152 Resp: 116351
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.3
150 155.2 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 0.658 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062028.D
 Acq: 23 Jun 2020 3:58

Instrument :
 MSVOA_N
 ClientSampleId :
 LF017MW005-200616

Tot Ion:105 Resp: 4442
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.9

