

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062148.D
 Acq On : 26 Jun 2020 18:38
 Operator : JC/MD
 Sample : L3127-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB04-20200625

Quant Time: Jun 27 04:53:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

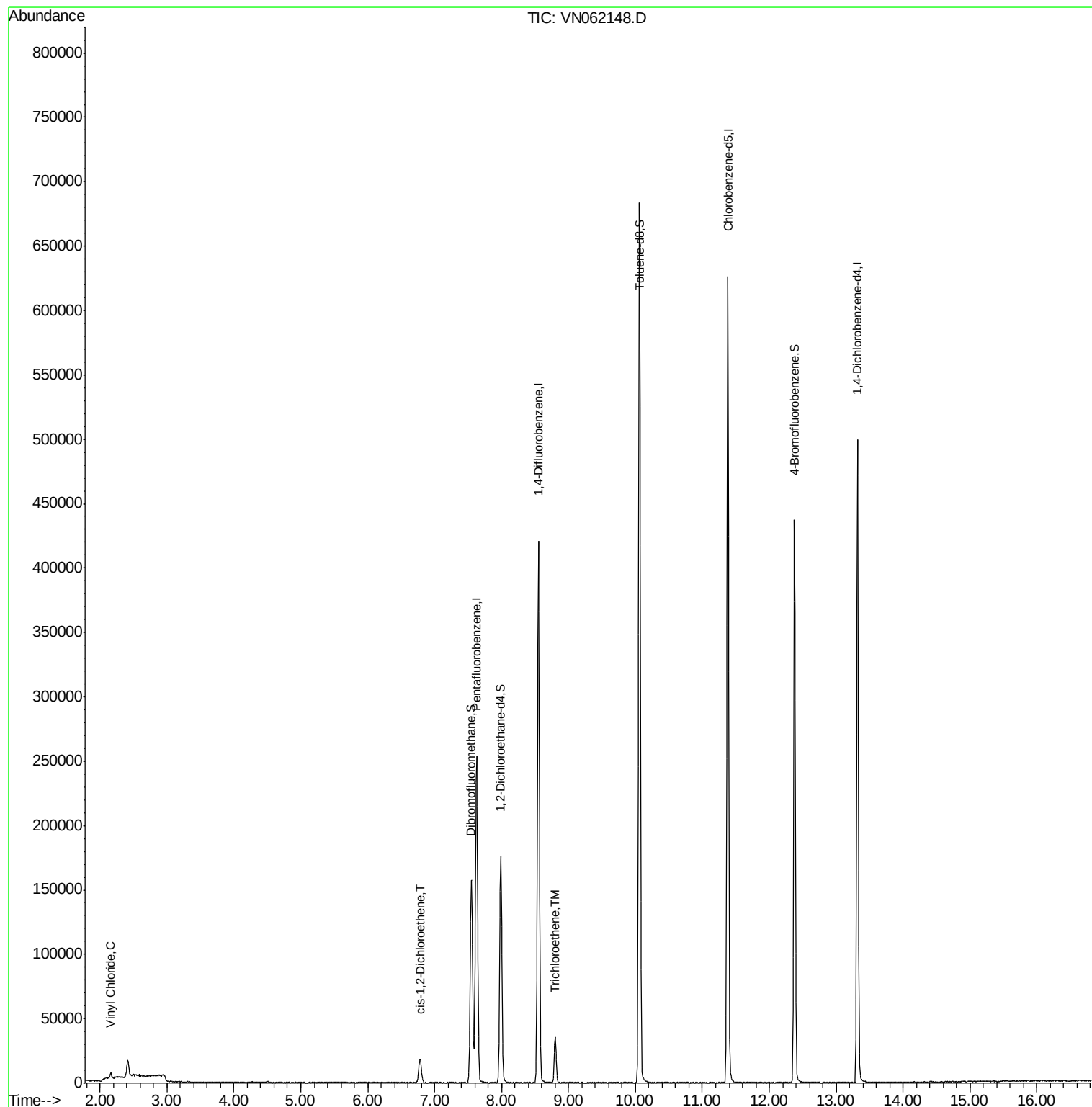
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	147106	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	7.55	113	122179	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.06	98	483346	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.38	95	156071	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						
4) Vinyl Chloride	2.16	62	3243	0.900	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	12704	4.262	ug/l	89
44) Trichloroethene	8.80	130	13758	4.663	ug/l	92

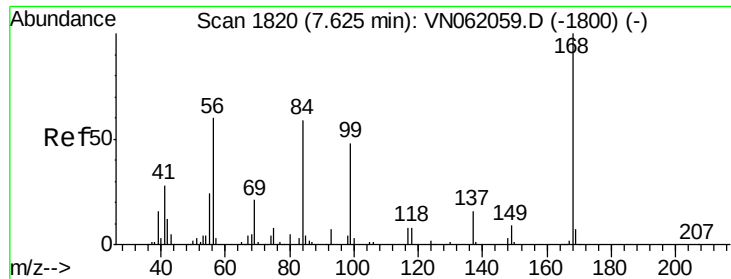
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062148.D

Acq: 26 Jun 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

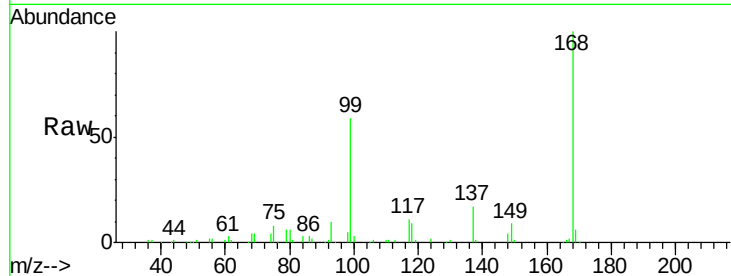
TB04-20200625

Tot Ion:168 Resp: 202517

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

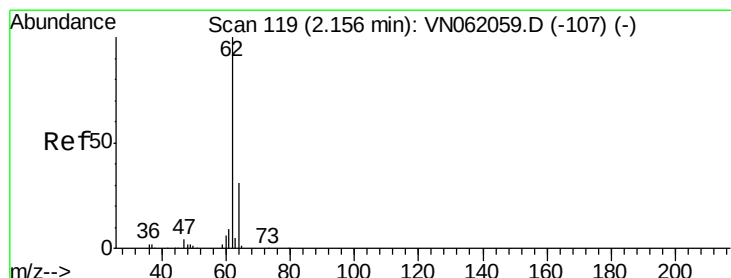
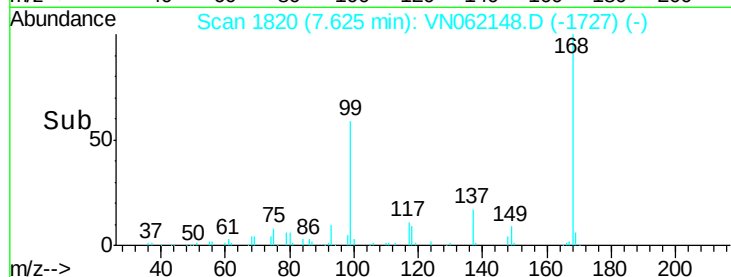
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 0.900 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062148.D

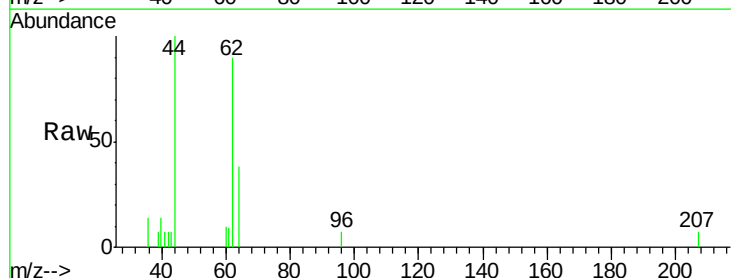
Acq: 26 Jun 2020 18:38

Tgt Ion: 62 Resp: 3243

Ion Ratio Lower Upper

62 100

64 42.1 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

2500

2000

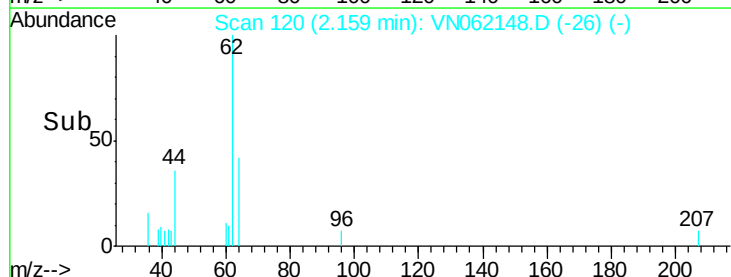
1500

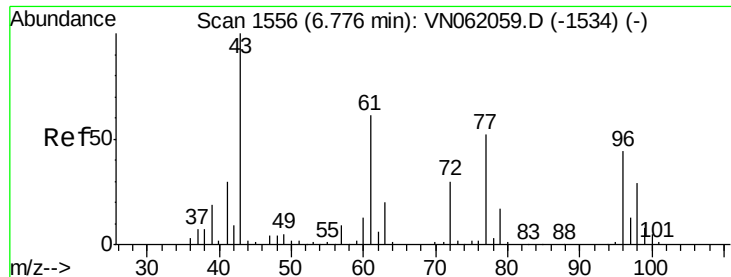
1000

500

0

Time--> 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 4.262 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062148.D

Acq: 26 Jun 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

TB04-20200625

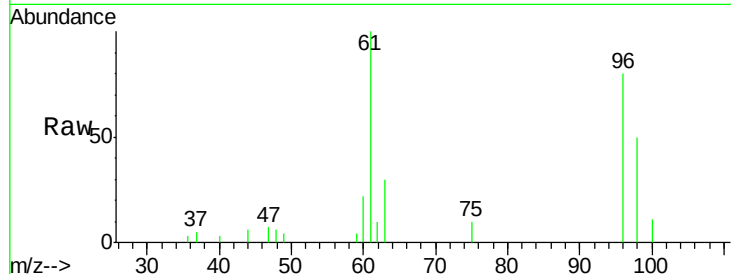
Tot Ion: 96 Resp: 12704

Ion Ratio Lower Upper

96 100

61 121.6 0.0 280.4

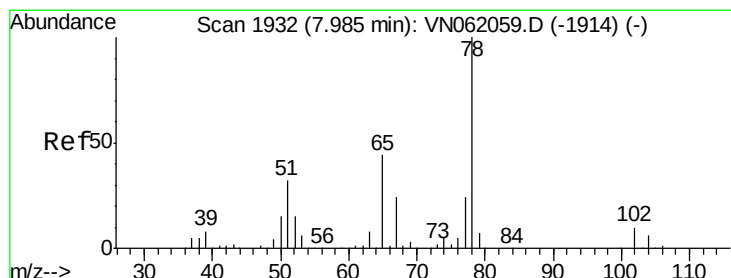
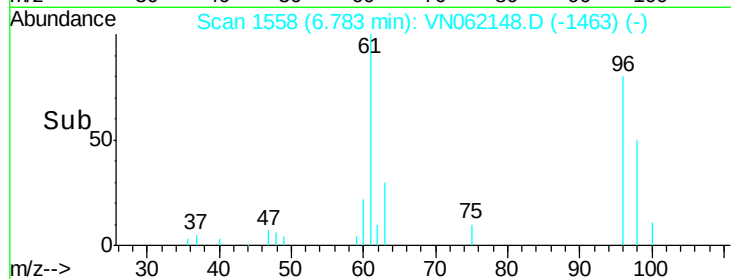
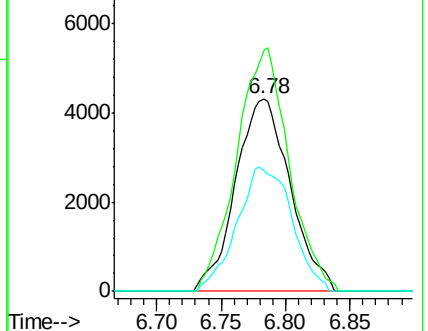
98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.762 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062148.D

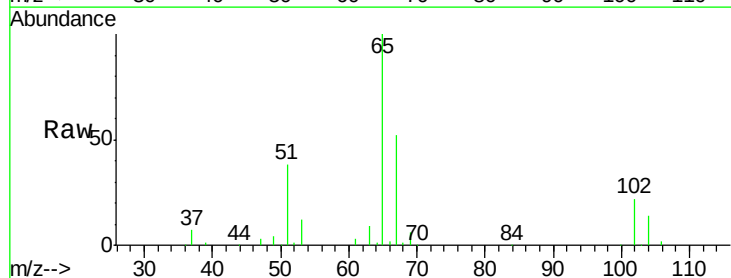
Acq: 26 Jun 2020 18:38

Tgt Ion: 65 Resp: 147106

Ion Ratio Lower Upper

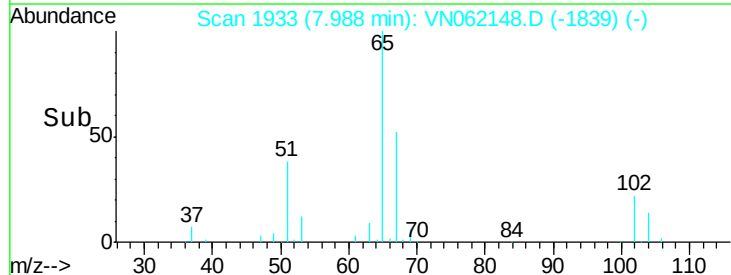
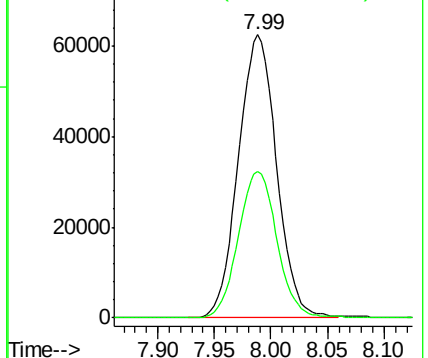
65 100

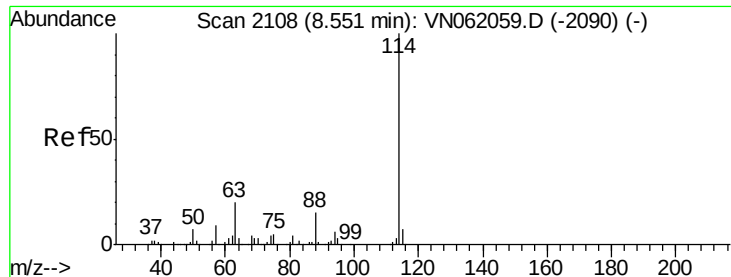
67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

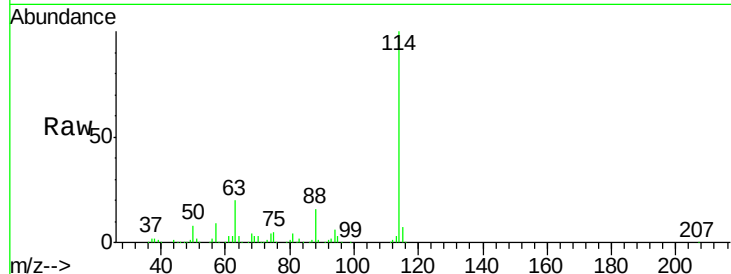




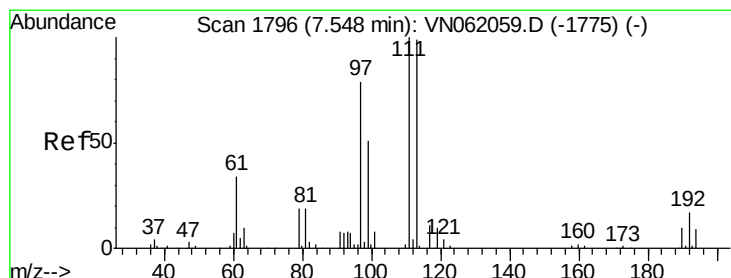
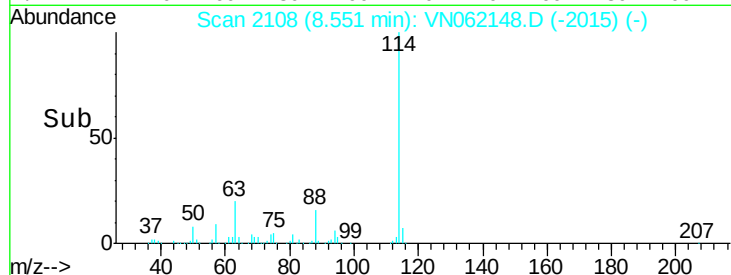
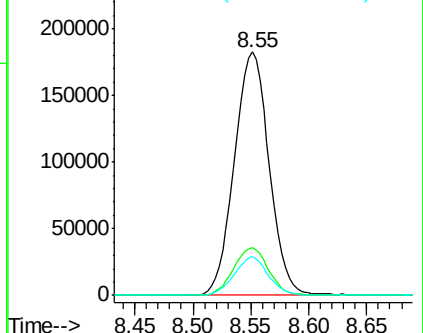
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062148.D
 Acq: 26 Jun 2020 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 TB04-20200625

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.2
88	15.7	0.0	30.8

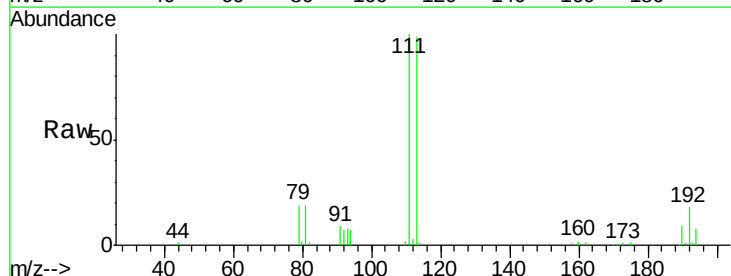


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

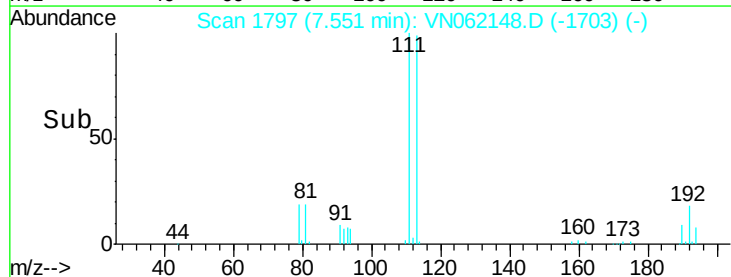
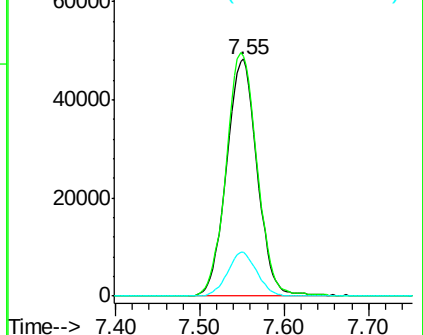


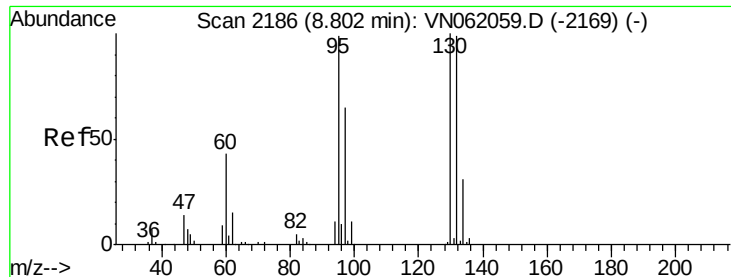
#35
 Dibromofluoromethane
 Concen: 49.882 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062148.D
 Acq: 26 Jun 2020 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	17.7	14.0	21.0



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





#44

Trichloroethene

Concen: 4.663 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062148.D

Acq: 26 Jun 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

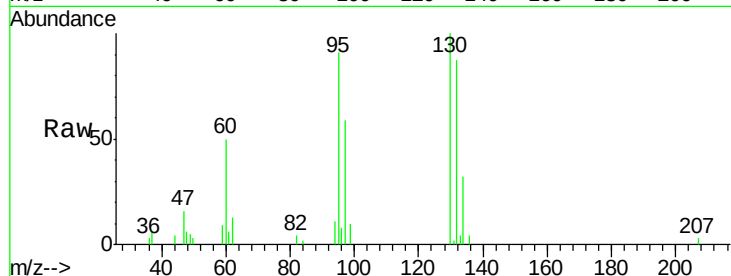
TB04-20200625

Tot Ion:130 Resp: 13758

Ion Ratio Lower Upper

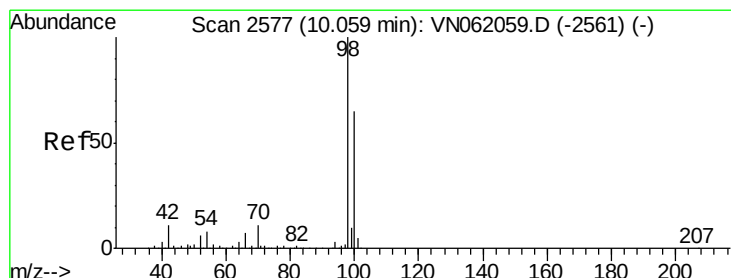
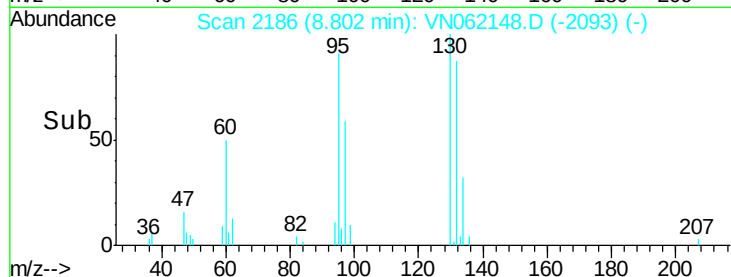
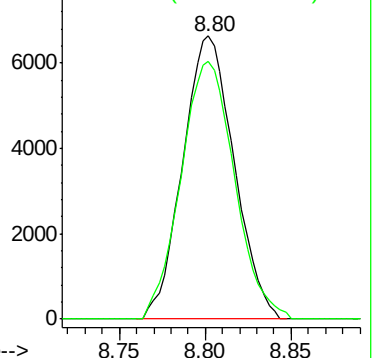
130 100

95 91.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#50

Toluene-d8

Concen: 49.367 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062148.D

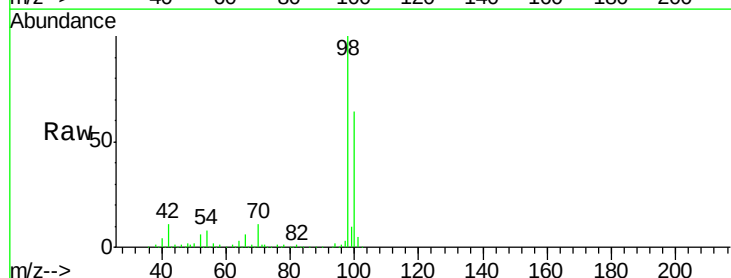
Acq: 26 Jun 2020 18:38

Tgt Ion: 98 Resp: 483346

Ion Ratio Lower Upper

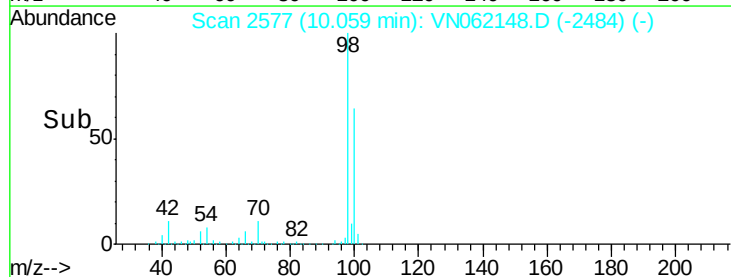
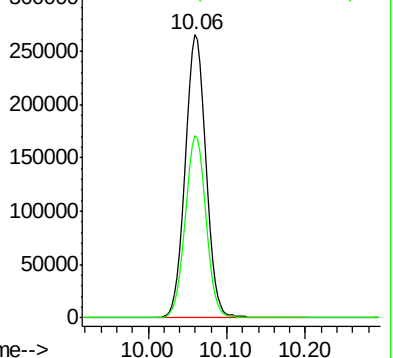
98 100

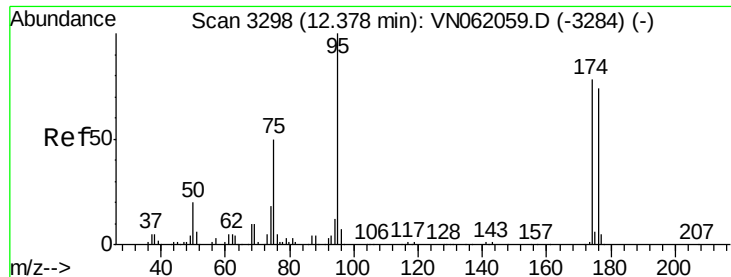
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

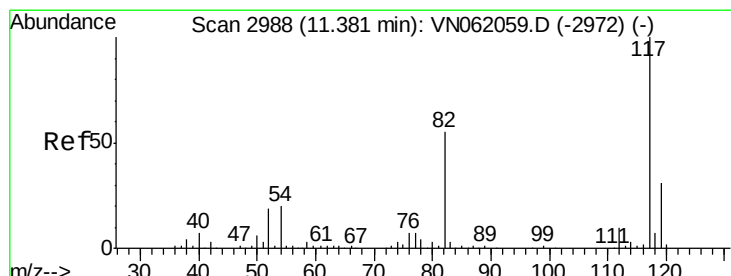
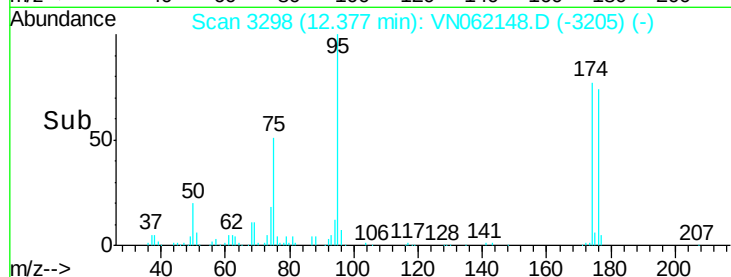
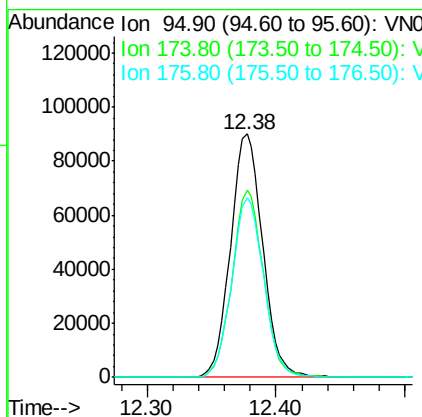
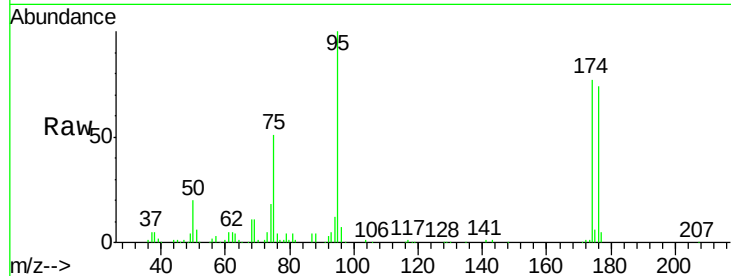




#62
4-Bromofluorobenzene
Concen: 47.181 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062148.D
Acq: 26 Jun 2020 18:38

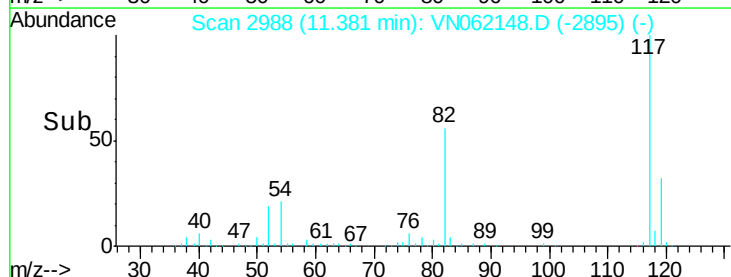
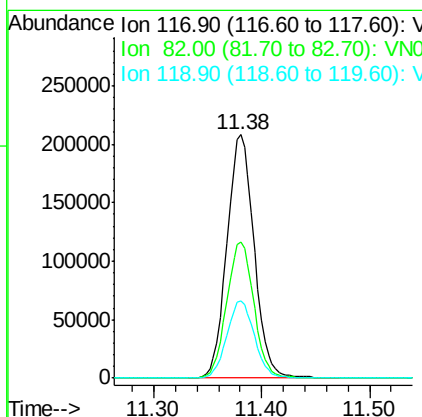
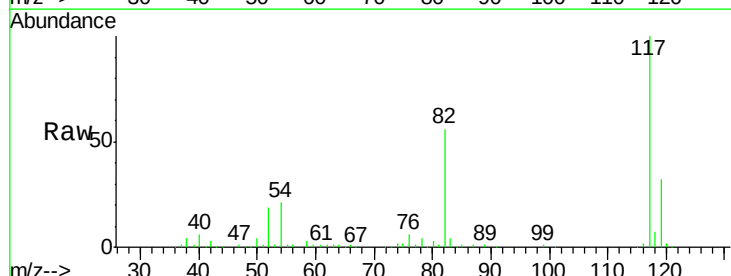
Instrument :
MSVOA_N
ClientSampleId :
TB04-20200625

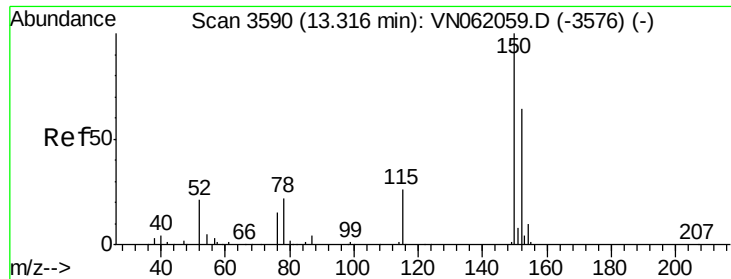
Tot Ion: 95 Resp: 156071
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.8
176 73.1 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062148.D
Acq: 26 Jun 2020 18:38

Tgt Ion: 117 Resp: 366628
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 31.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062148.D

Acq: 26 Jun 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

TB04-20200625

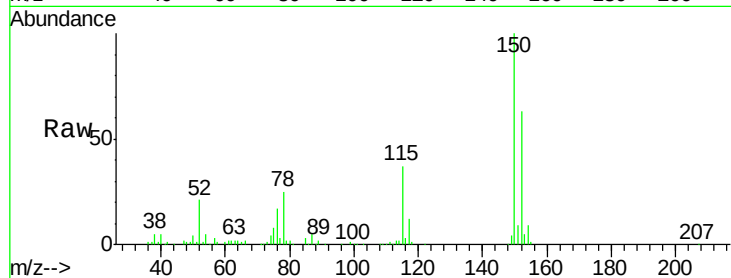
Tot Ion:152 Resp: 136602

Ion Ratio Lower Upper

152 100

115 58.3 29.5 88.5

150 157.4 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

