

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062147.D
 Acq On : 26 Jun 2020 18:14
 Operator : JC/MD
 Sample : L3127-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 04BR-20200625

Quant Time: Jun 27 04:51:25 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

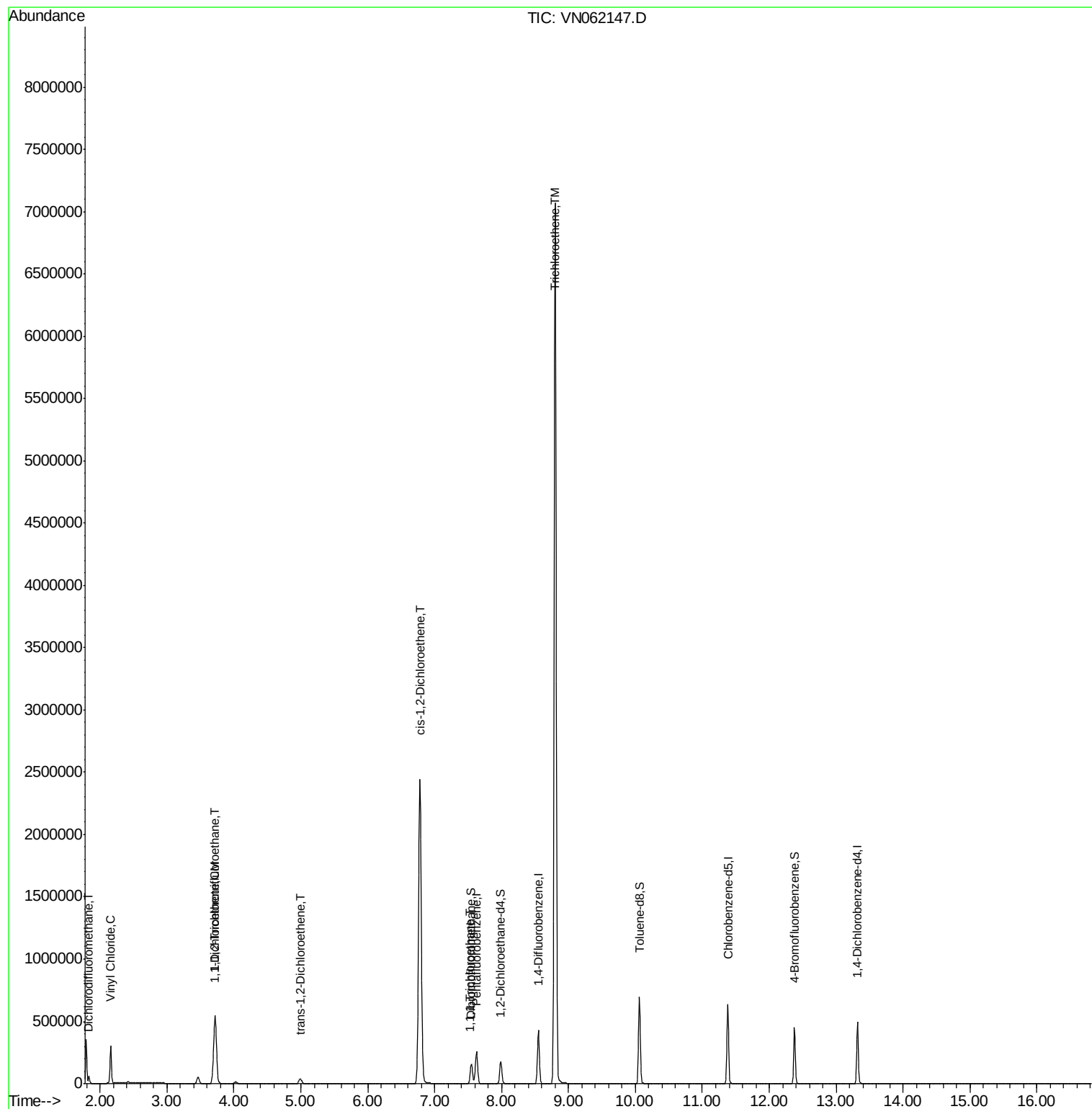
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	147578	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	7.55	113	123609	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.06	98	494689	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.38	95	156478	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	40876	17.189	ug/l	98
4) Vinyl Chloride	2.16	62	265411	70.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	337360	139.606	ug/l	99
12) 1,1-Dichloroethene	3.70	96	21458	8.882	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	26418	9.599	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	1699283	548.727	ug/l	89
32) 1,1,1-Trichloroethane	7.52	97	1640	0.396	ug/l #	50
44) Trichloroethene	8.80	130	2579076	866.980	ug/l	98

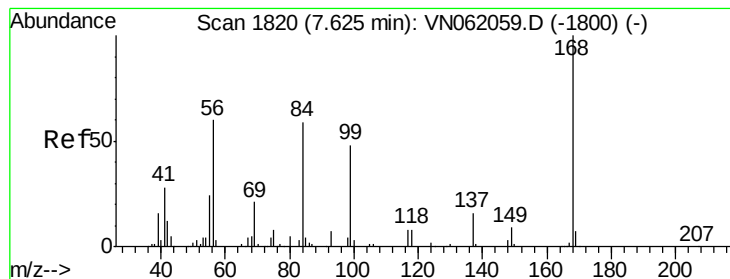
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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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: VN062147.D

Acq: 26 Jun 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

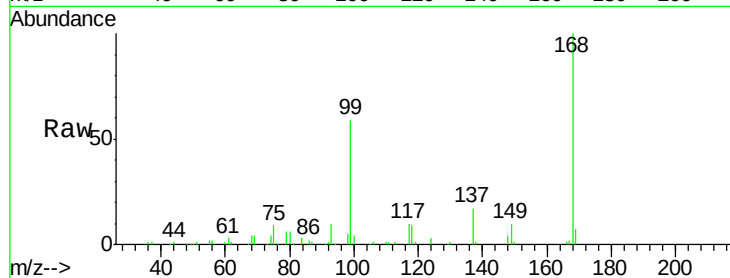
04BR-20200625

Tot Ion:168 Resp: 210389

Ion Ratio Lower Upper

168 100

99 58.5 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

100000

80000

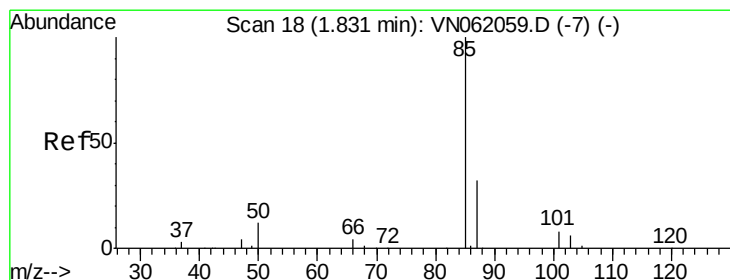
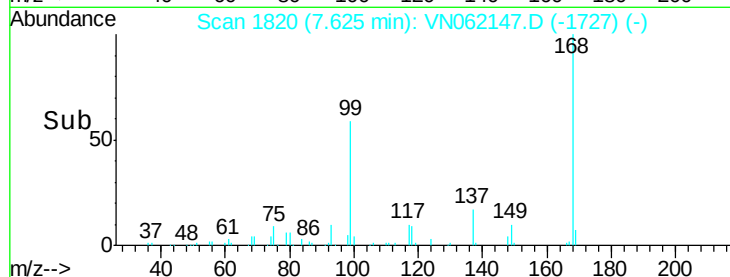
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.189 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062147.D

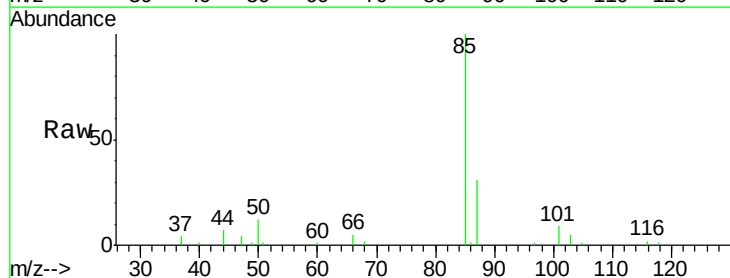
Acq: 26 Jun 2020 18:14

Tgt Ion: 85 Resp: 40876

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

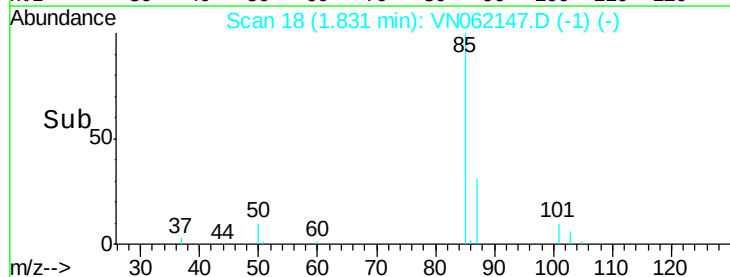
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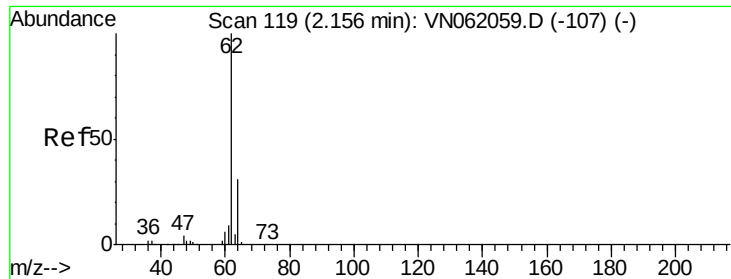
20000

10000

0

Time-->





#4

Vinyl Chloride

Concen: 70.871 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

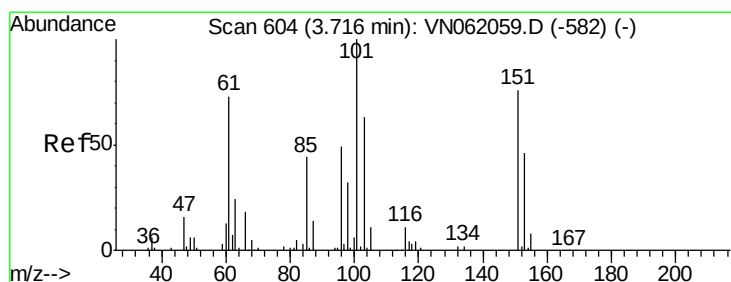
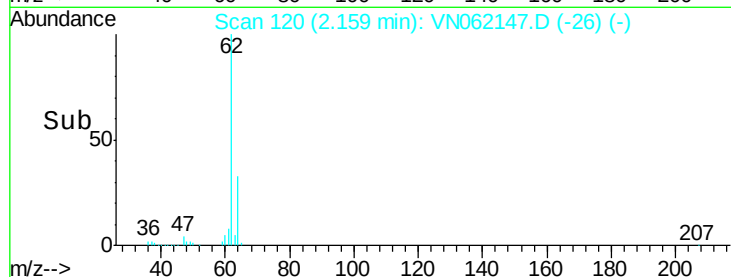
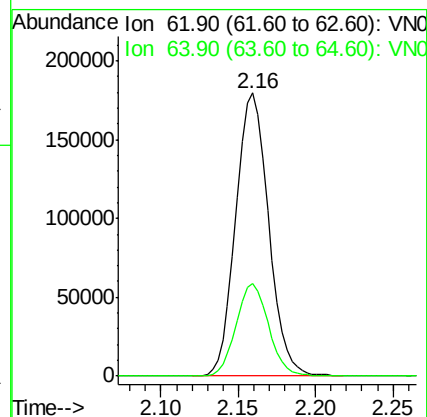
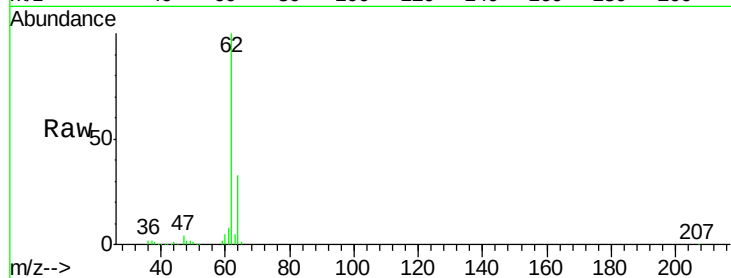
04BR-20200625

Tot Ion: 62 Resp: 265411

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 139.606 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

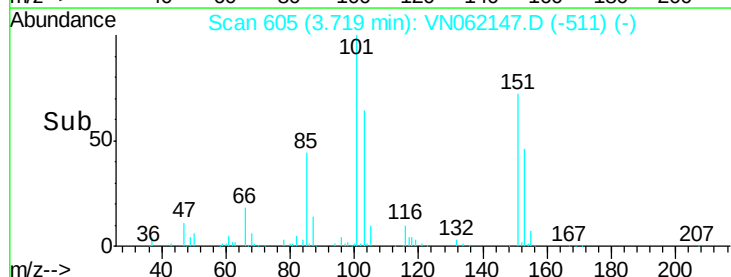
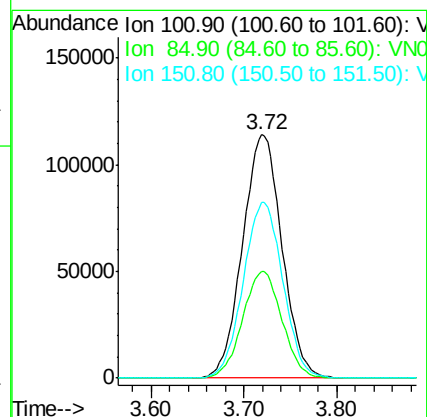
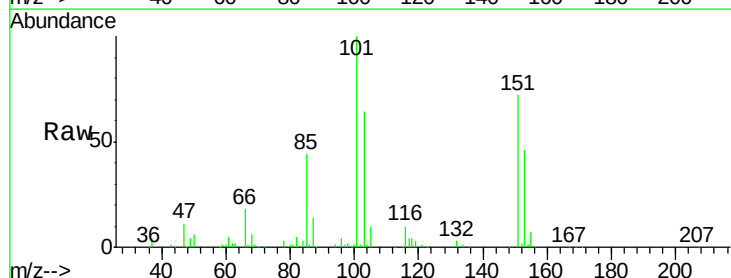
Tgt Ion: 101 Resp: 337360

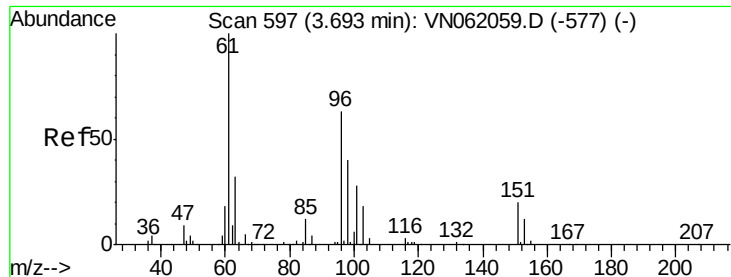
Ion Ratio Lower Upper

101 100

85 43.8 34.5 51.7

151 72.5 57.8 86.8





#12

1,1-Dichloroethene

Concen: 8.882 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

04BR-20200625

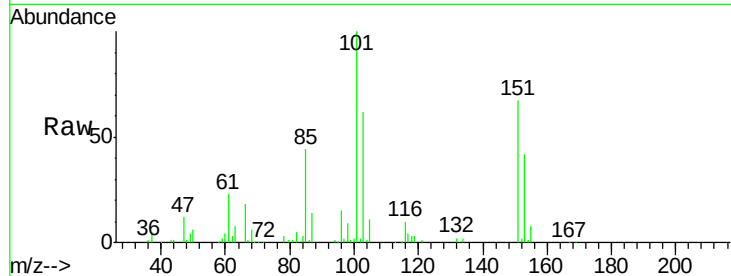
Tot Ion: 96 Resp: 21458

Ion Ratio Lower Upper

96 100

61 149.9 126.7 190.1

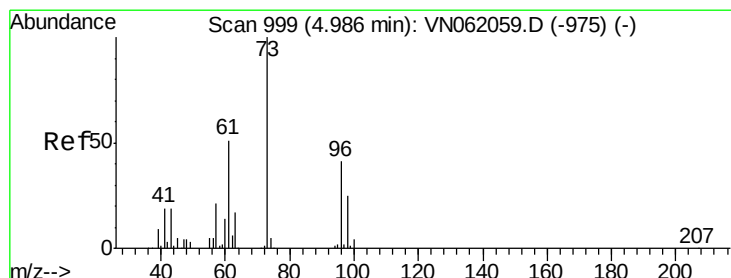
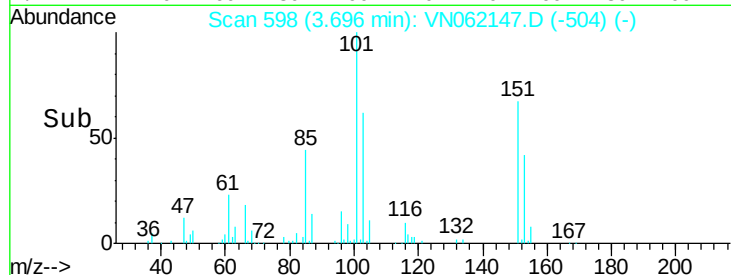
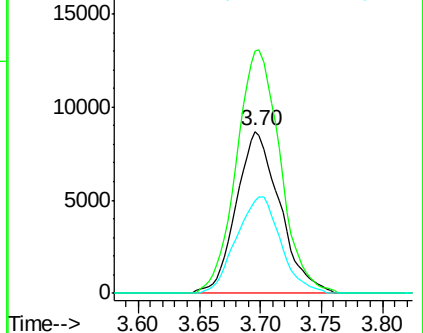
98 57.5 51.0 76.4



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



#21

trans-1,2-Dichloroethene

Concen: 9.599 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

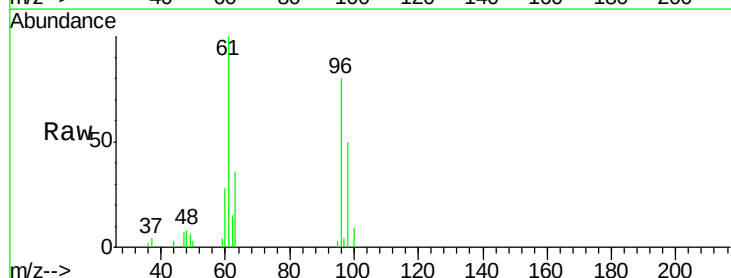
Tgt Ion: 96 Resp: 26418

Ion Ratio Lower Upper

96 100

61 124.6 101.4 152.2

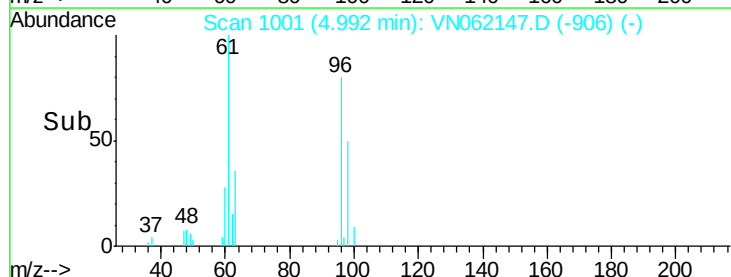
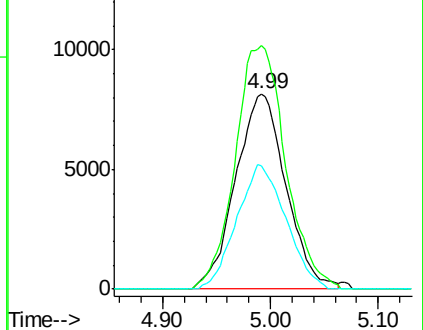
98 62.9 49.3 73.9

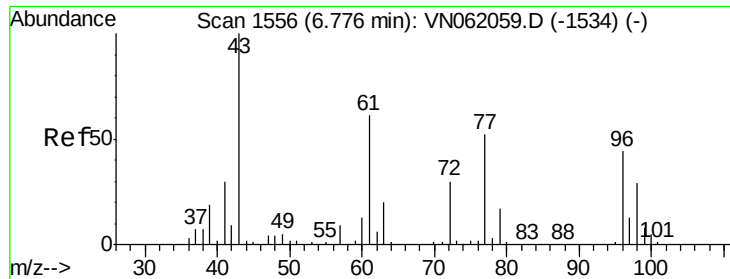


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

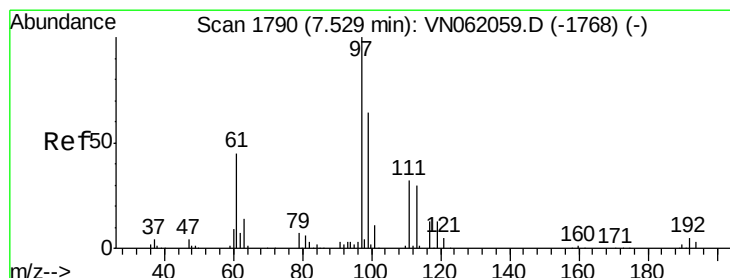
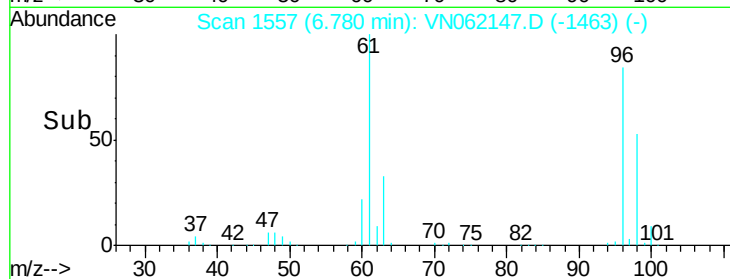
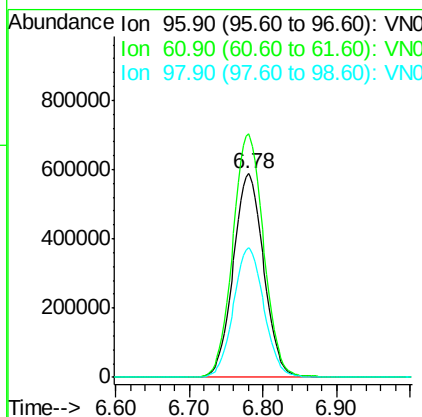
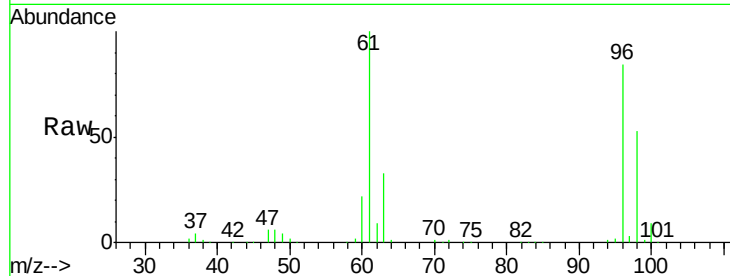




#27
 cis-1,2-Dichloroethene
 Concen: 548.727 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062147.D
 Acq: 26 Jun 2020 18:14

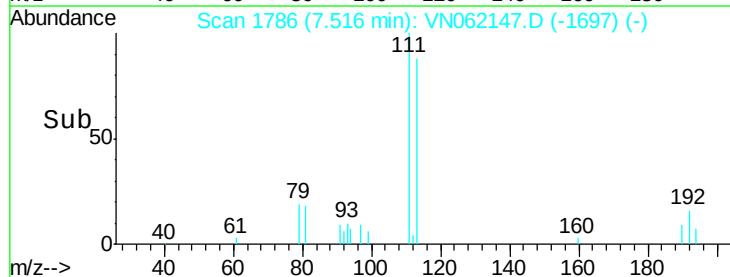
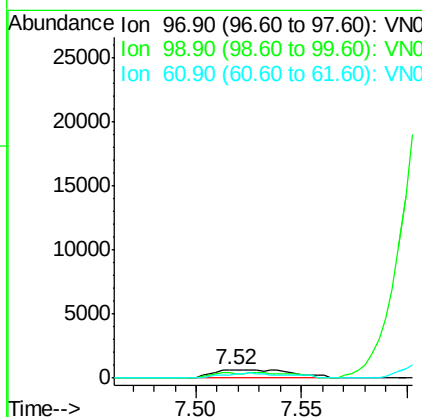
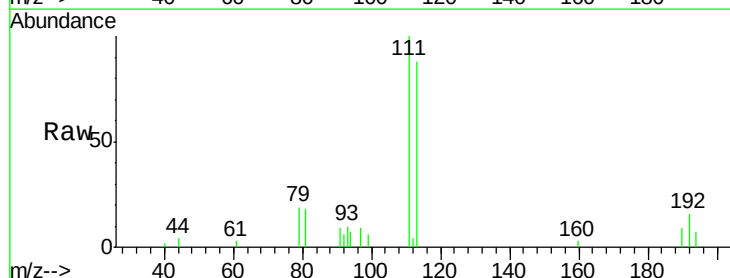
Instrument :
 MSVOA_N
 ClientSampleId :
 04BR-20200625

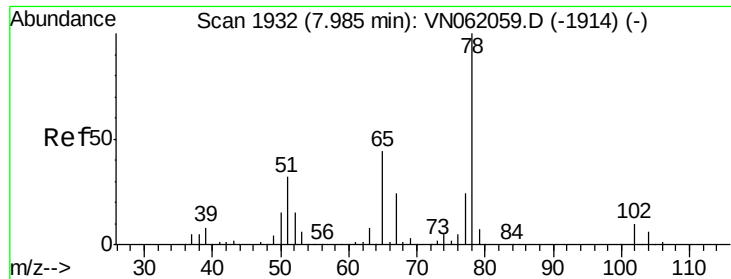
Tot Ion: 96 Resp: 1699283
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 280.4
 98 63.6 0.0 129.4



#32
 1,1,1-Trichloroethane
 Concen: 0.396 ug/l
 RT: 7.52 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: VN062147.D
 Acq: 26 Jun 2020 18:14

Tgt Ion: 97 Resp: 1640
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.4#
 61 41.8 36.2 54.2

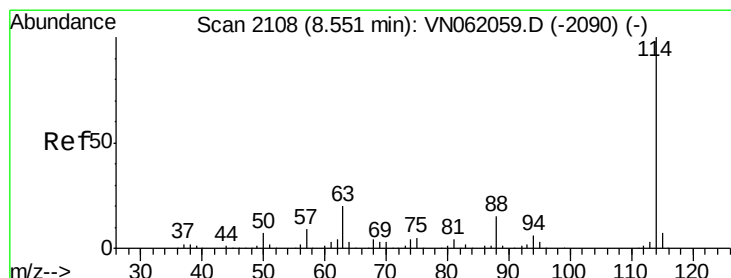
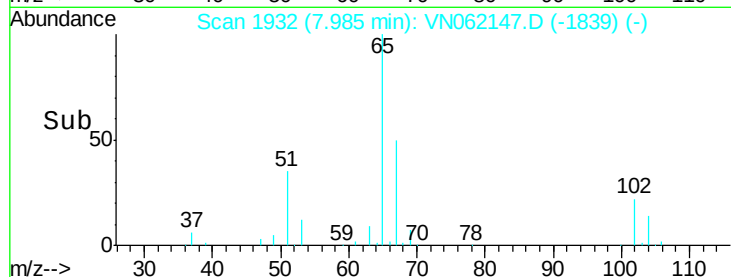
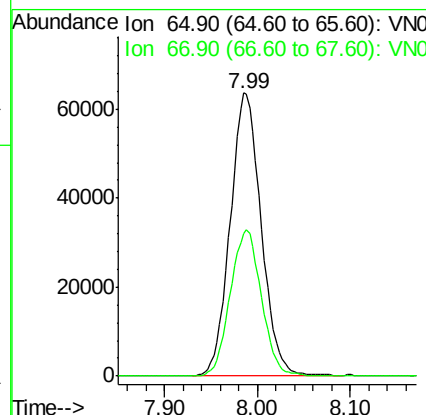
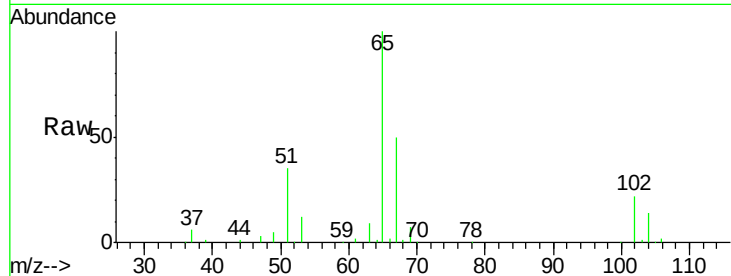




#33
 1,2-Dichloroethane-d4
 Concen: 49.985 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062147.D
 Acq: 26 Jun 2020 18:14

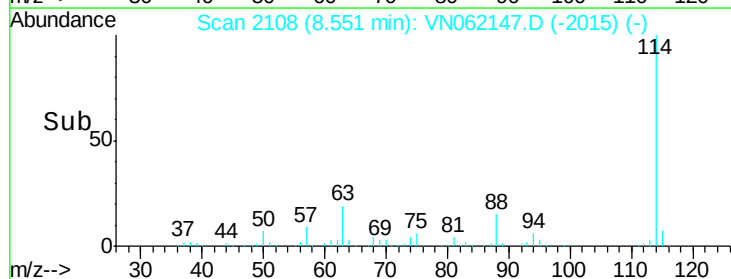
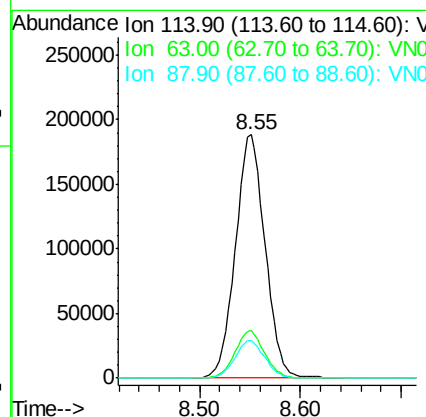
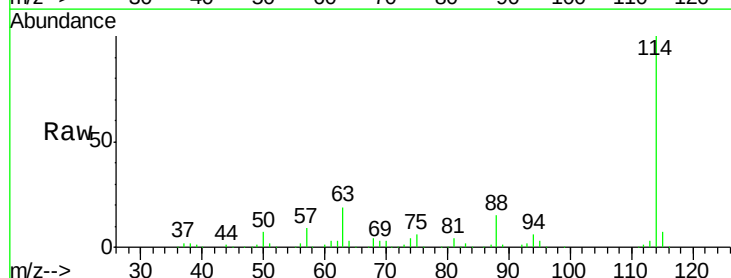
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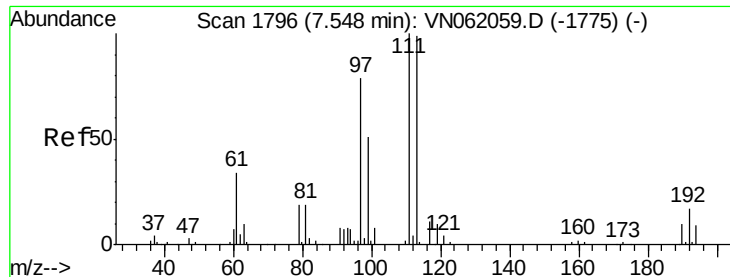
Tot Ion: 65 Resp: 147578
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062147.D
 Acq: 26 Jun 2020 18:14

Tgt Ion: 114 Resp: 384927
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 30.8

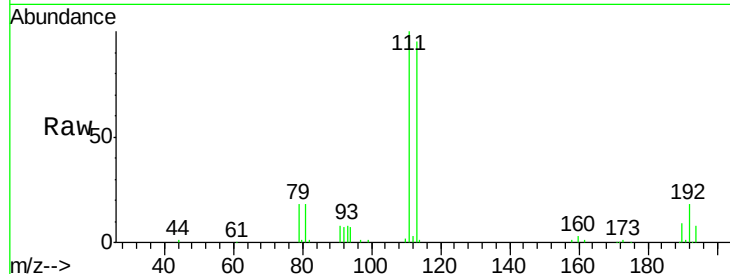




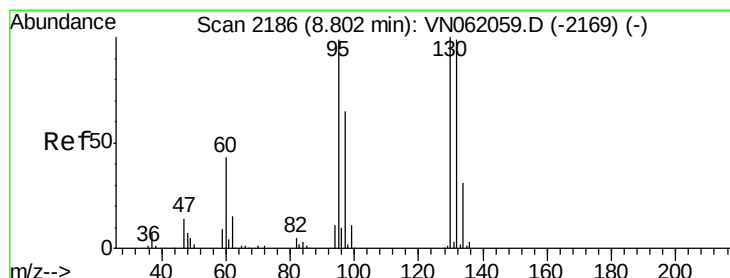
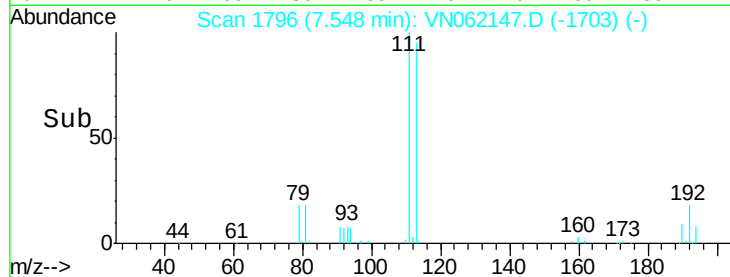
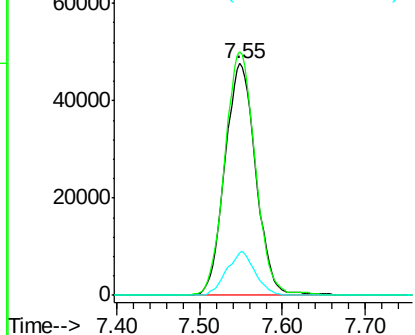
#35
Dibromofluoromethane
Concen: 50.054 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062147.D
Acq: 26 Jun 2020 18:14

Instrument :
MSVOA_N
ClientSampleId :
04BR-20200625

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	17.4	14.0	21.0

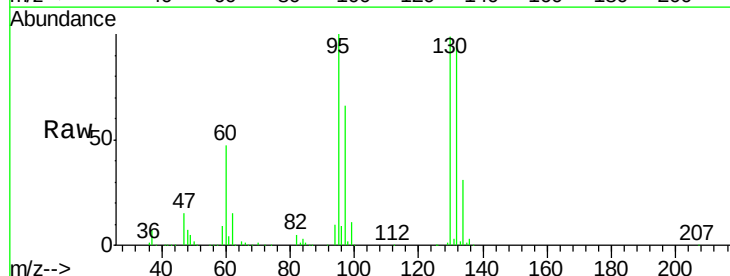


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

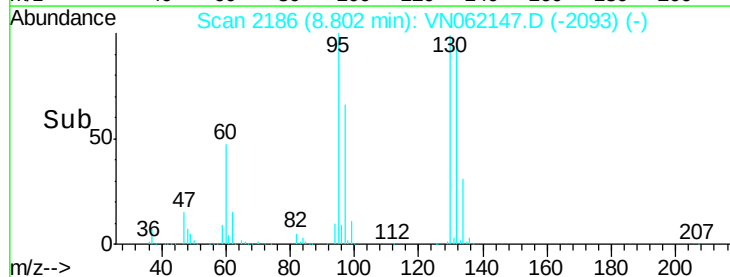
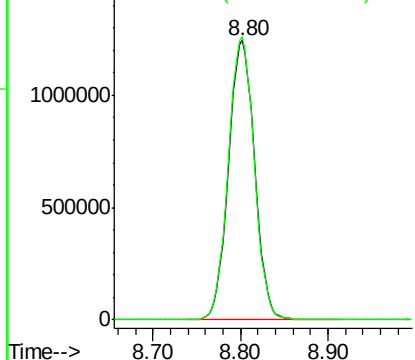


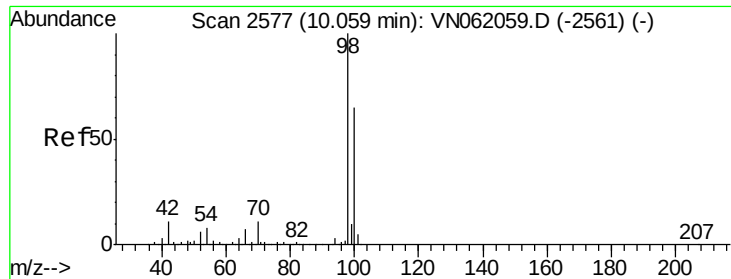
#44
Trichloroethene
Concen: 866.980 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062147.D
Acq: 26 Jun 2020 18:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.113 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

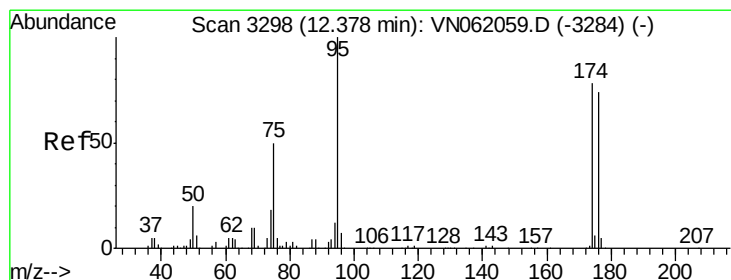
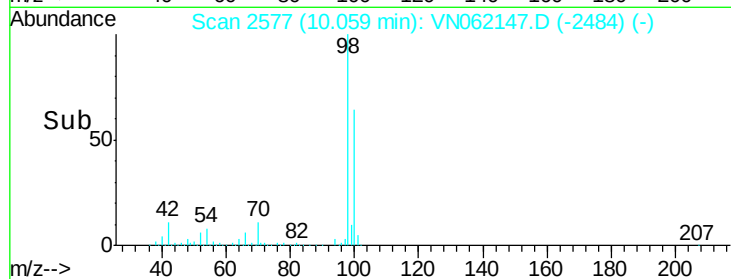
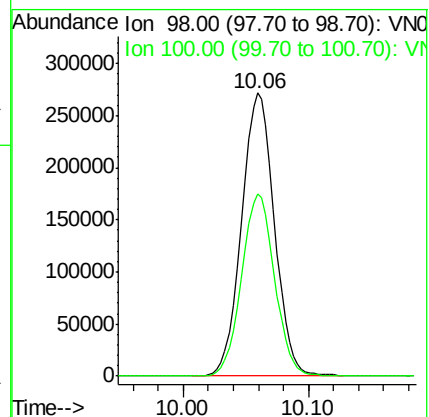
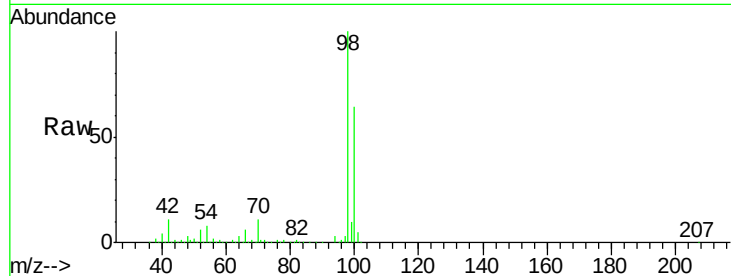
04BR-20200625

Tot Ion: 98 Resp: 494689

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.918 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

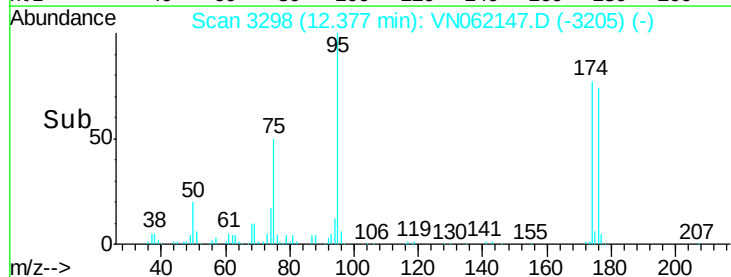
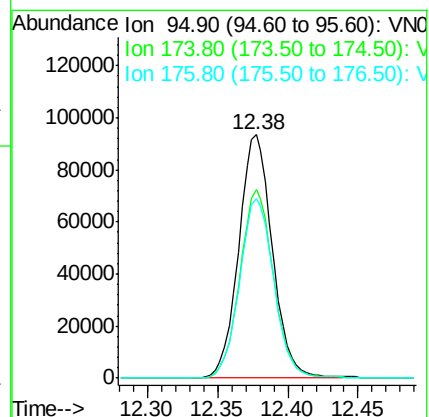
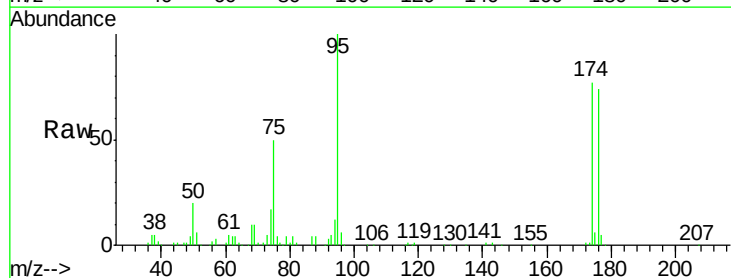
Tgt Ion: 95 Resp: 156478

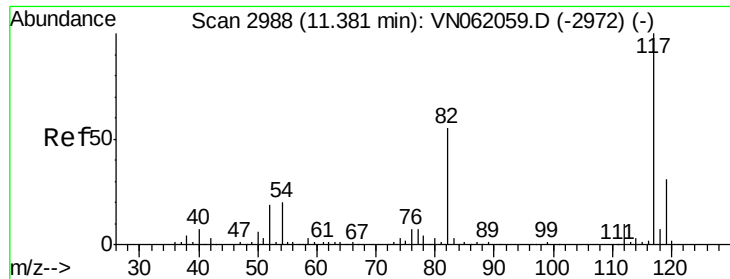
Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.8

176 75.2 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: VN062147.D

Acq: 26 Jun 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

04BR-20200625

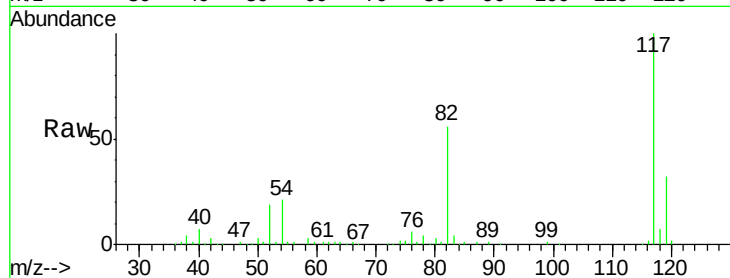
Tot Ion:117 Resp: 372202

Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

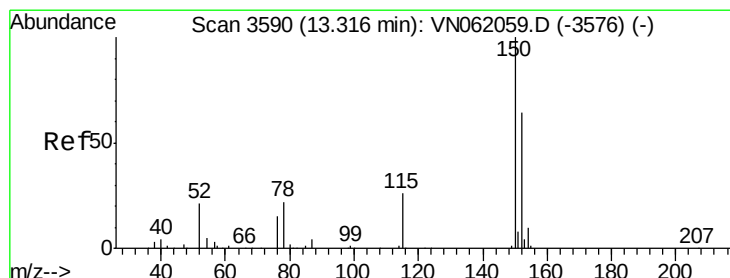
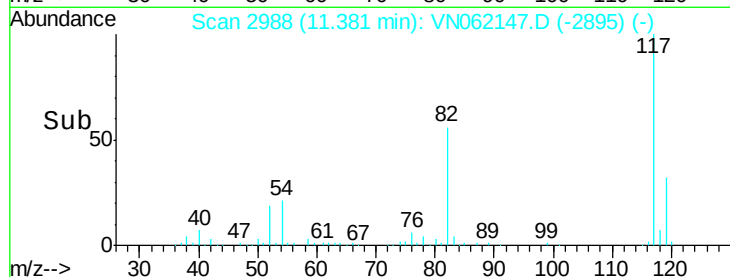
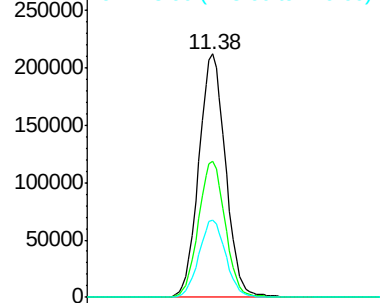
119 31.8 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062147.D

Acq: 26 Jun 2020 18:14

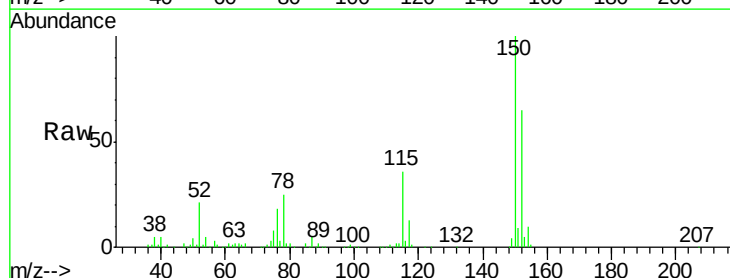
Tgt Ion:152 Resp: 135645

Ion Ratio Lower Upper

152 100

115 58.0 29.5 88.5

150 158.2 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

