

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062141.D
 Acq On : 26 Jun 2020 15:49
 Operator : JC/MD
 Sample : L3088-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20200622

Quant Time: Jun 27 04:37:48 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

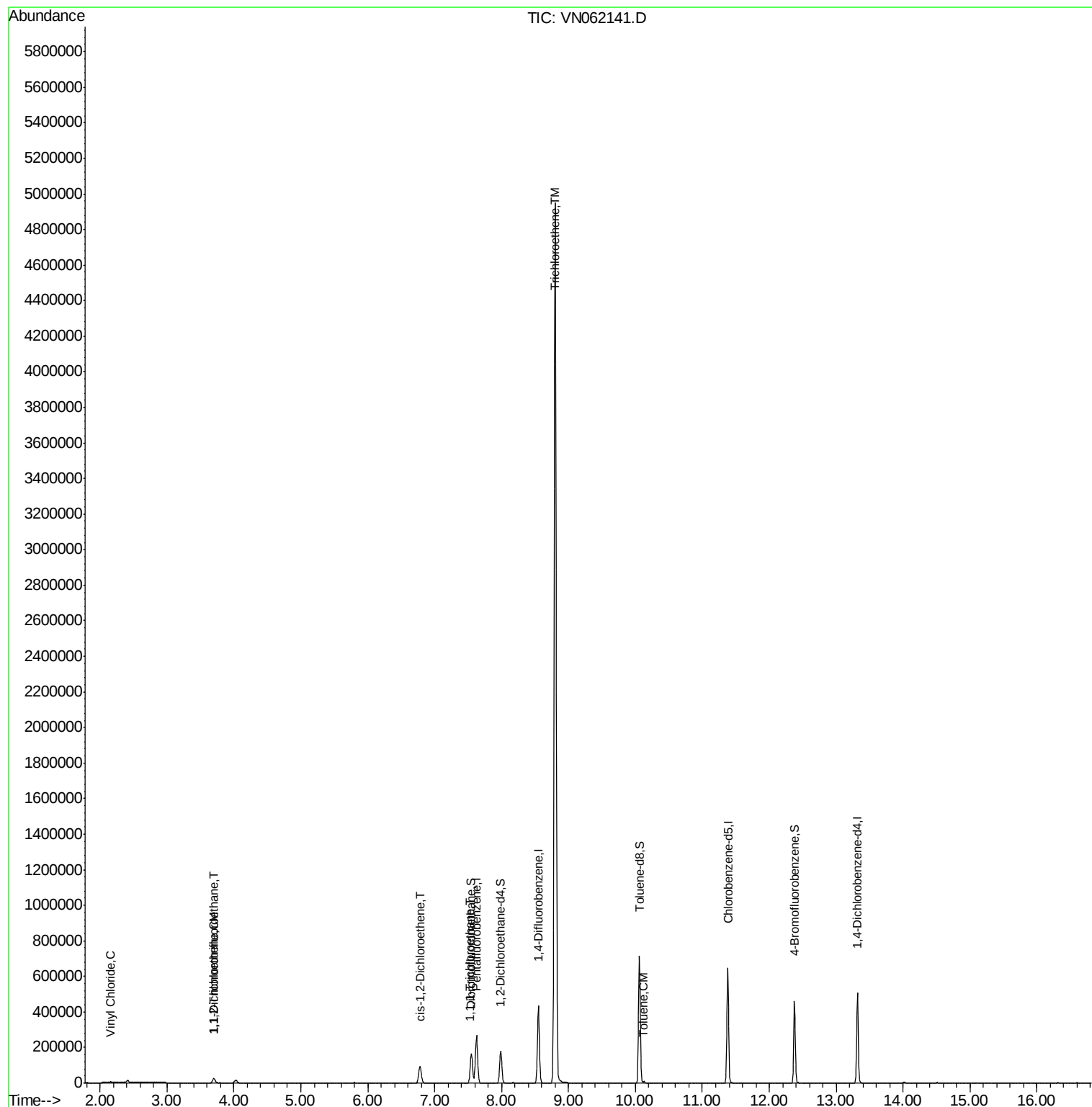
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151350	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.55	113	126418	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.06	98	503171	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.38	95	160880	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
Target Compounds						
4) Vinyl Chloride	2.16	62	3050	0.789	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4387	1.758	ug/l	93
12) 1,1-Dichloroethene	3.70	96	13246	5.310	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	64010	20.015	ug/l	88
32) 1,1,1-Trichloroethane	7.52	97	1262	0.295	ug/l #	41
44) Trichloroethene	8.80	130	1808322	585.317	ug/l	98
52) Toluene	10.13	92	2303	0.308	ug/l	96

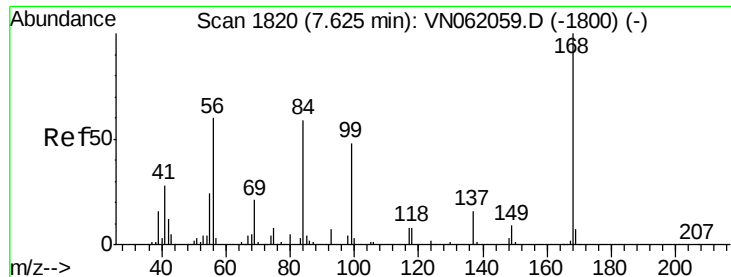
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062141.D
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Quant Time: Jun 27 04:37:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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: VN062141.D

Acq: 26 Jun 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

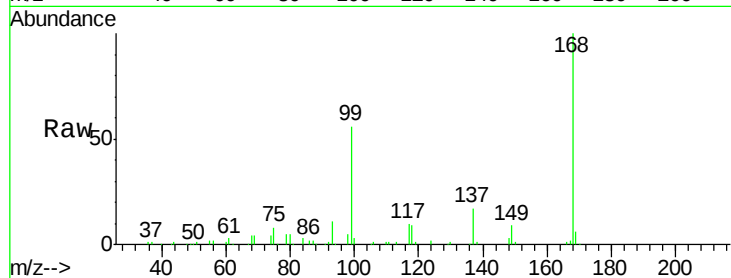
48BR-20200622

Tot Ion:168 Resp: 217268

Ion Ratio Lower Upper

168 100

99 56.4 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

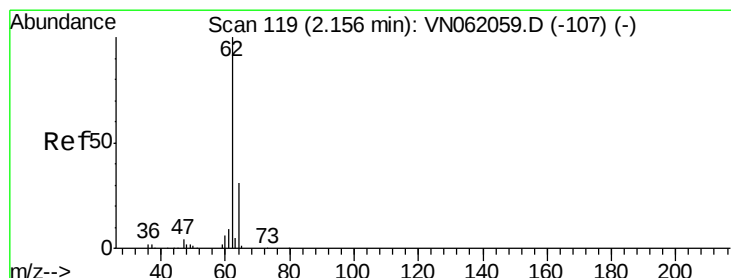
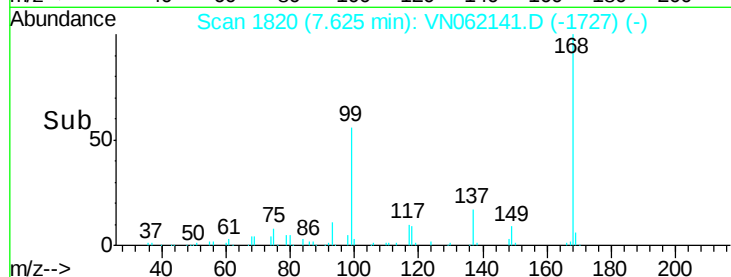
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 0.789 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062141.D

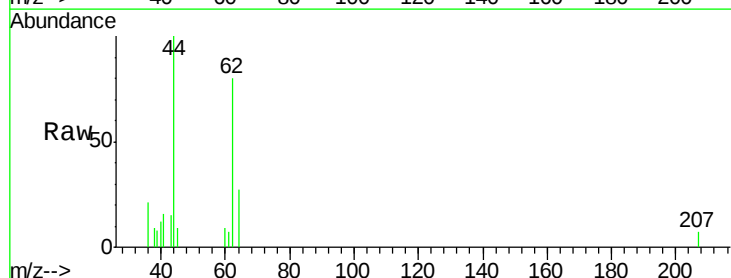
Acq: 26 Jun 2020 15:49

Tgt Ion: 62 Resp: 3050

Ion Ratio Lower Upper

62 100

64 34.0 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

2000

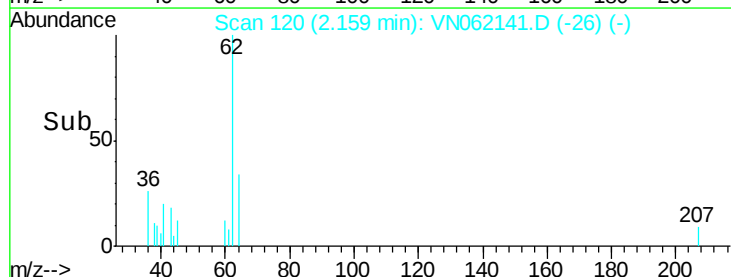
1500

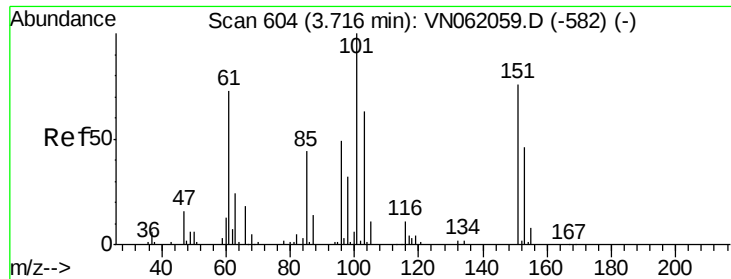
1000

500

0

Time--> 2.10 2.15 2.20





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.758 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062141.D

Acq: 26 Jun 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

48BR-20200622

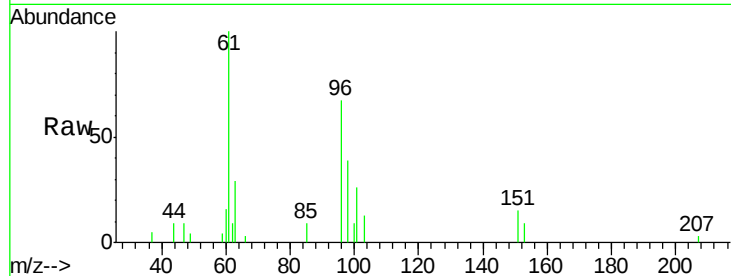
Tot Ion:101 Resp: 4387

Ion Ratio Lower Upper

101 100

85 40.7 34.5 51.7

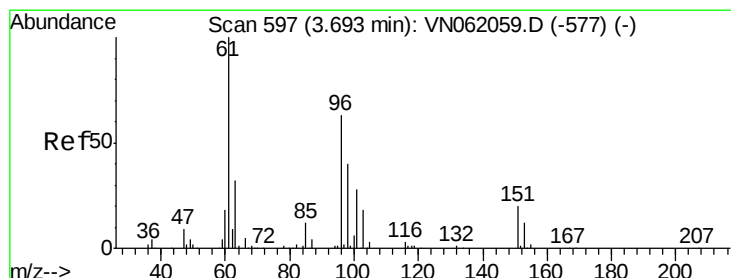
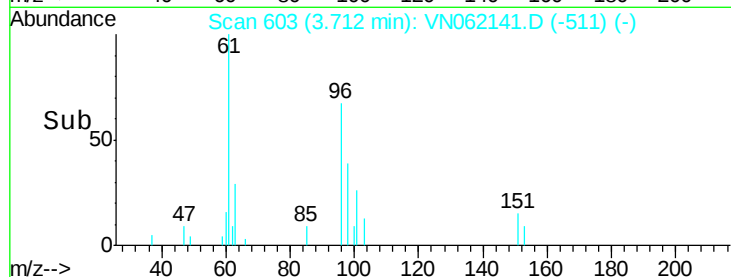
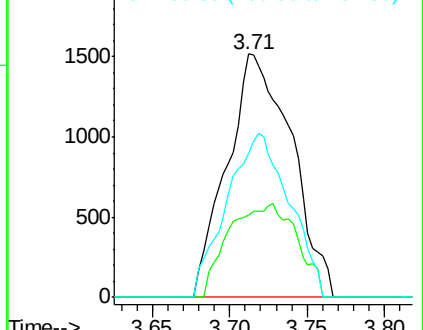
151 65.4 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 5.310 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN062141.D

Acq: 26 Jun 2020 15:49

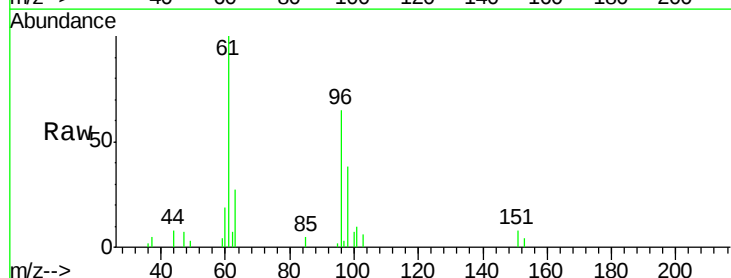
Tgt Ion: 96 Resp: 13246

Ion Ratio Lower Upper

96 100

61 154.2 126.7 190.1

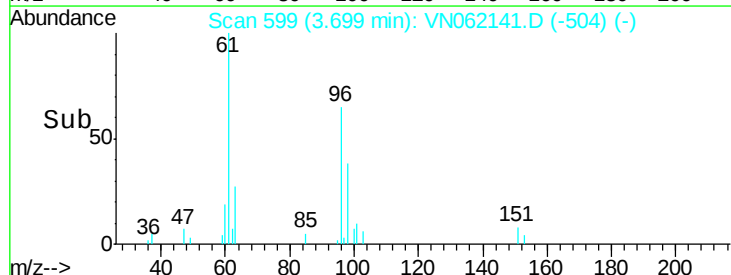
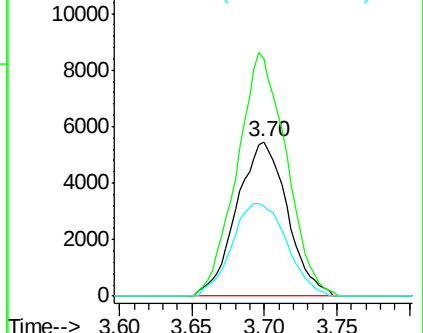
98 58.0 51.0 76.4

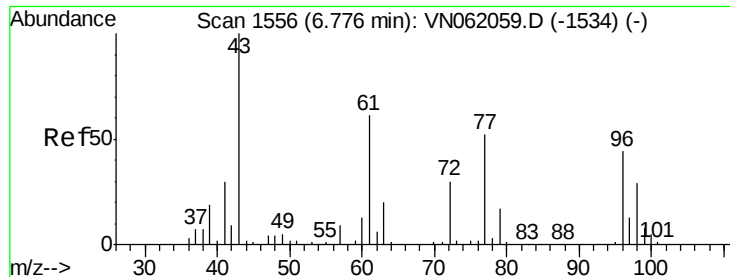


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 20.015 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062141.D

Acq: 26 Jun 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

48BR-20200622

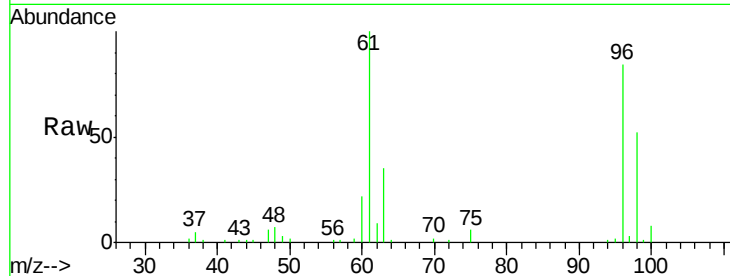
Tot Ion: 96 Resp: 64010

Ion Ratio Lower Upper

96 100

61 119.0 0.0 280.4

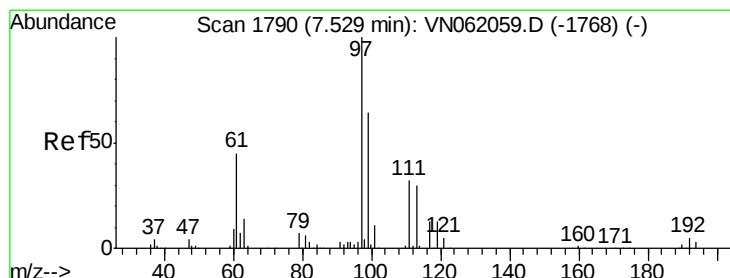
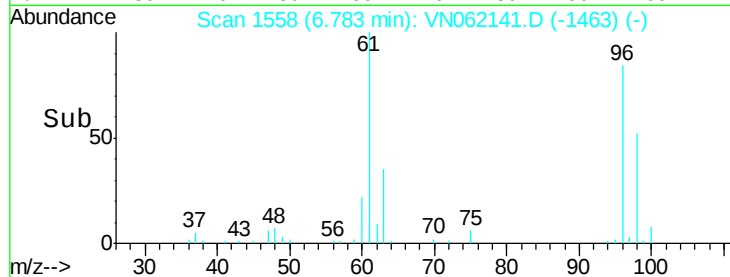
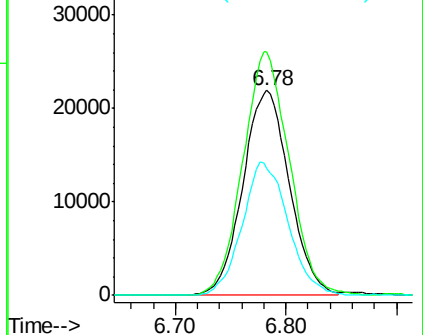
98 64.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062141.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062141.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062141.D (-1463) (-)



#32

1,1,1-Trichloroethane

Concen: 0.295 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062141.D

Acq: 26 Jun 2020 15:49

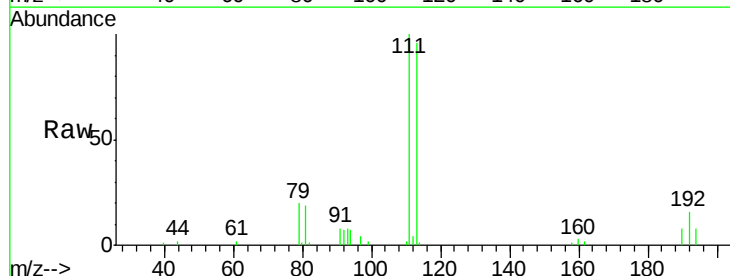
Tgt Ion: 97 Resp: 1262

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

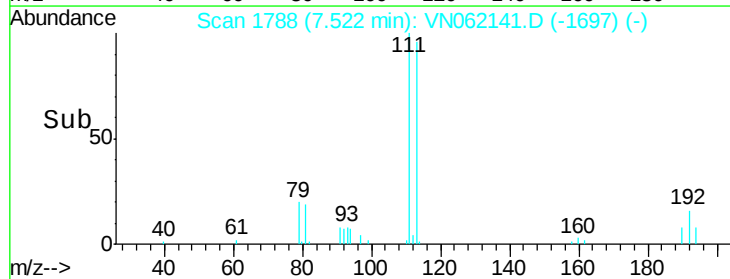
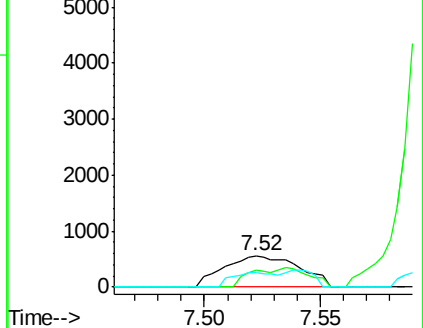
61 27.2 36.2 54.2#

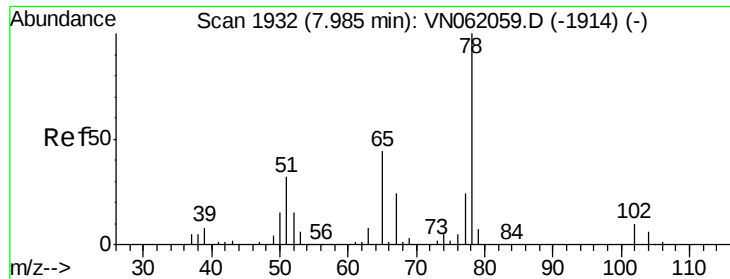


Abundance Ion 96.90 (96.60 to 97.60): VN062141.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062141.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062141.D (-1697) (-)

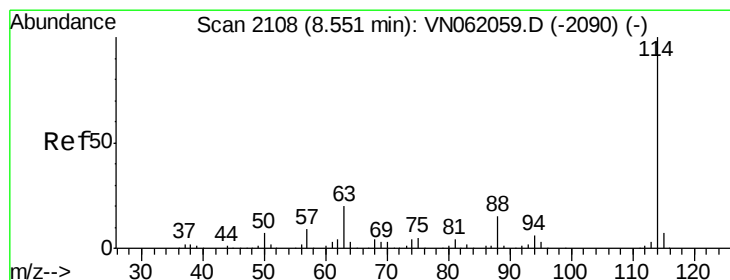
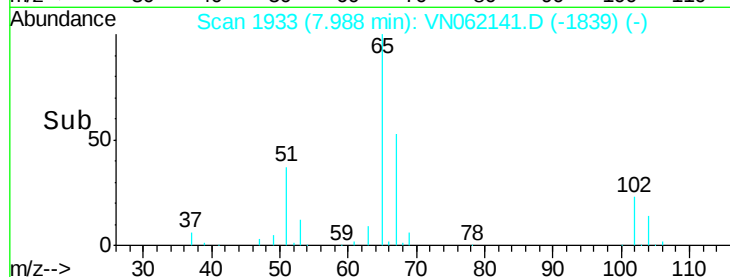
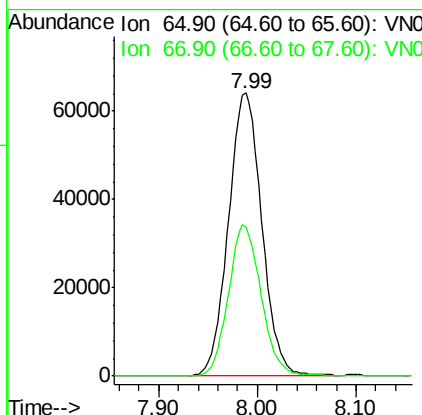
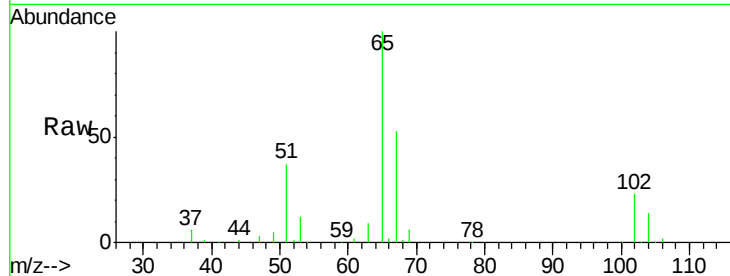




#33
 1,2-Dichloroethane-d4
 Concen: 49.639 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062141.D
 Acq: 26 Jun 2020 15:49

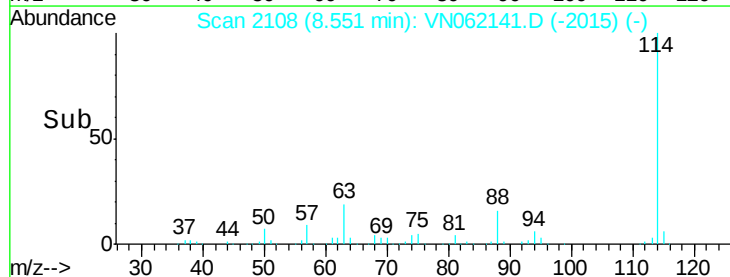
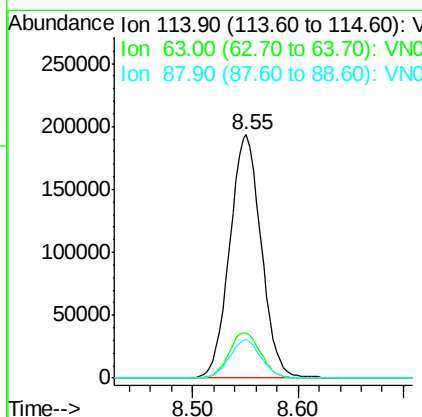
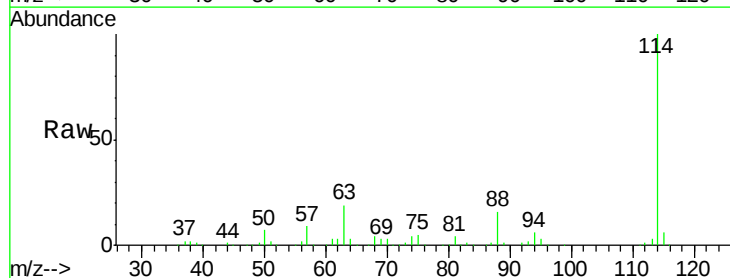
Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20200622

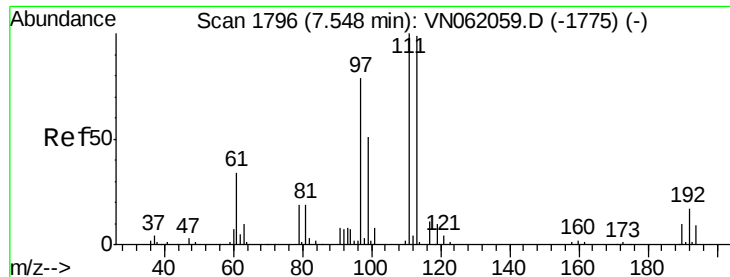
Tot Ion: 65 Resp: 151350
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062141.D
 Acq: 26 Jun 2020 15:49

Tgt Ion: 114 Resp: 399768
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.9 0.0 30.8

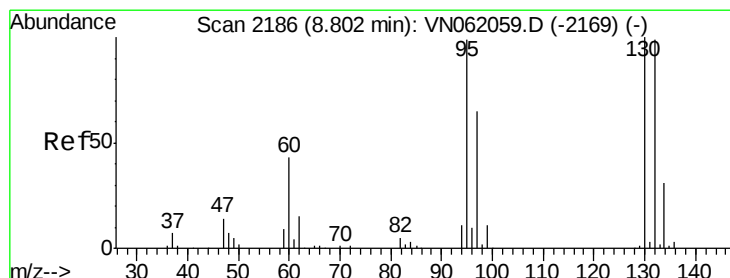
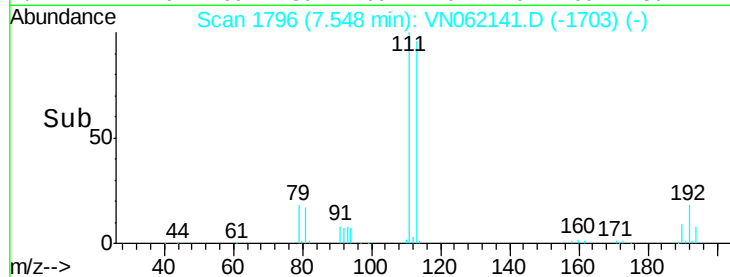
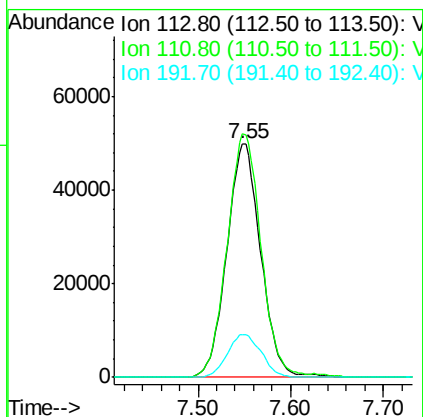
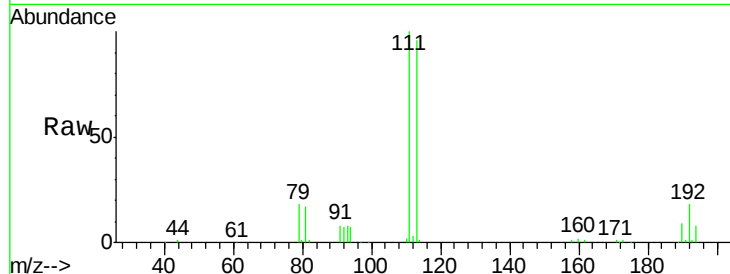




#35
 Dibromofluoromethane
 Concen: 49.291 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062141.D
 Acq: 26 Jun 2020 15:49

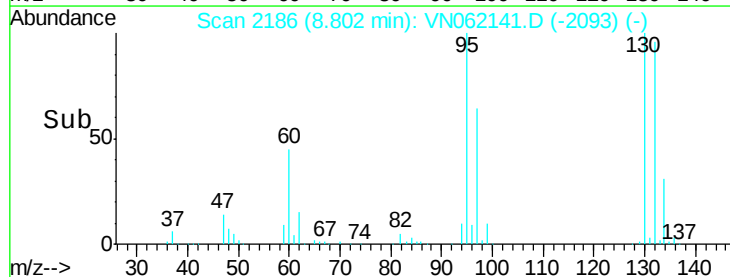
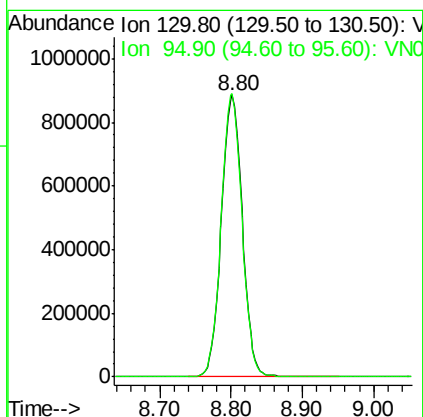
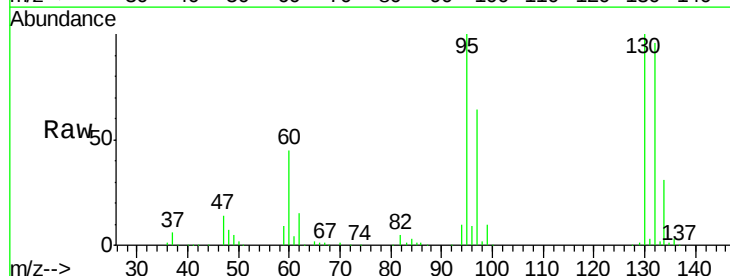
Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20200622

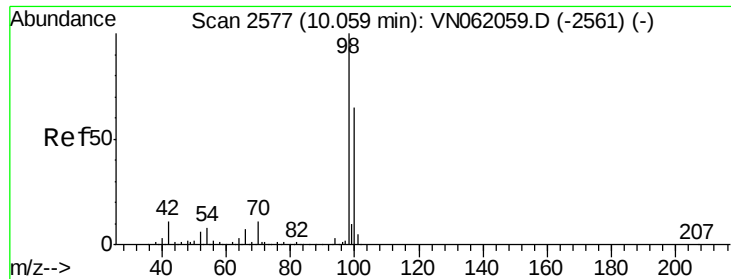
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	18.3	14.0	21.0



#44
 Trichloroethene
 Concen: 585.317 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062141.D
 Acq: 26 Jun 2020 15:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	197.8





#50

Toluene-d8

Concen: 49.080 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062141.D

Acq: 26 Jun 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

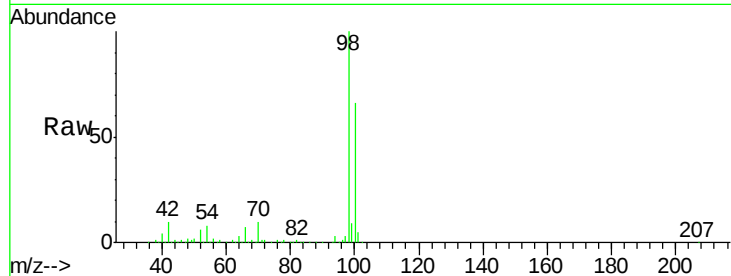
48BR-20200622

Tot Ion: 98 Resp: 503171

Ion Ratio Lower Upper

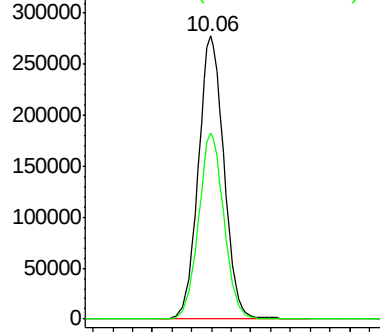
98 100

100 64.9 51.2 76.8

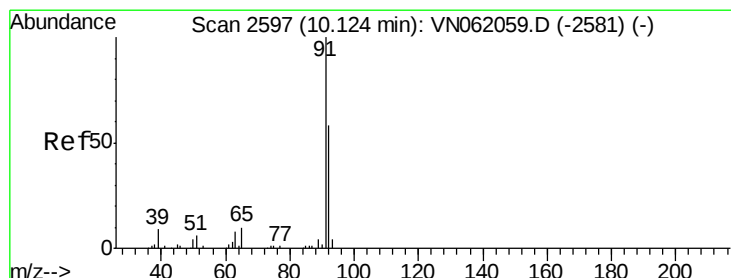
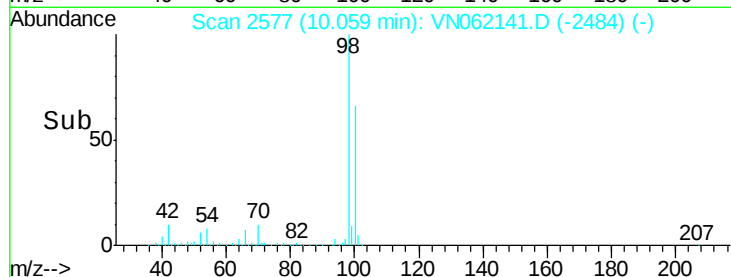


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#52

Toluene

Concen: 0.308 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062141.D

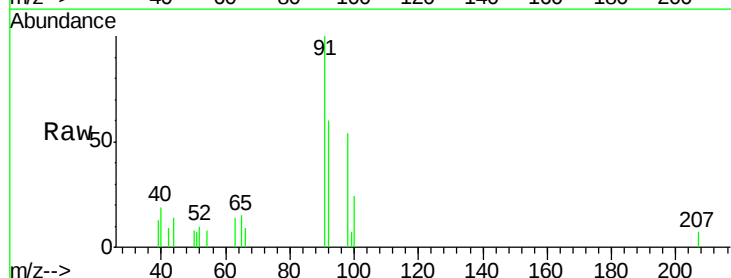
Acq: 26 Jun 2020 15:49

Tgt Ion: 92 Resp: 2303

Ion Ratio Lower Upper

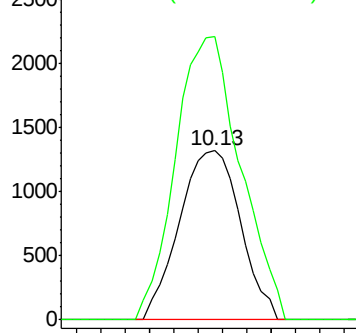
92 100

91 177.4 137.4 206.0

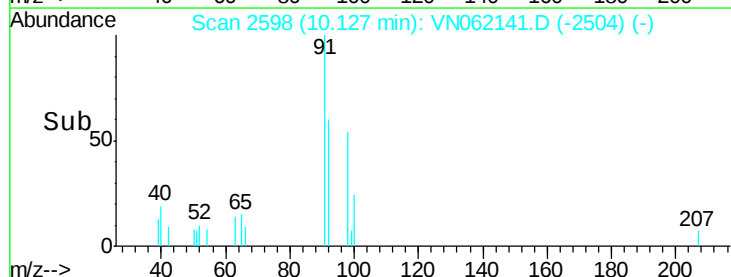


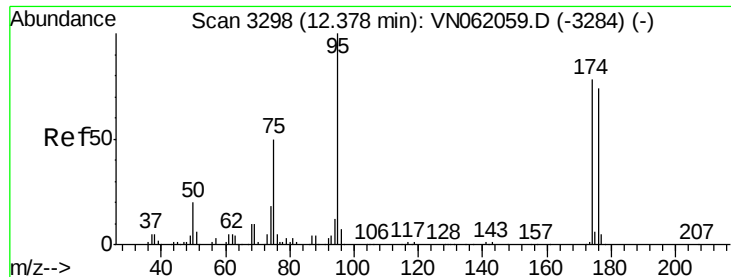
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->

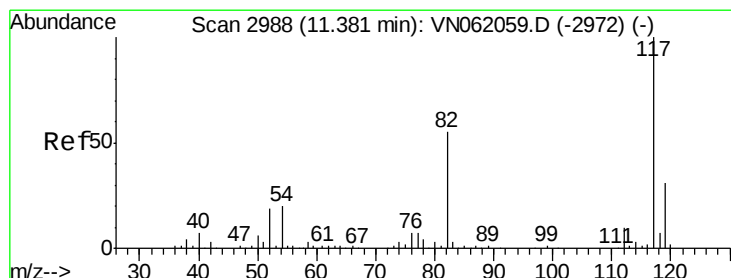
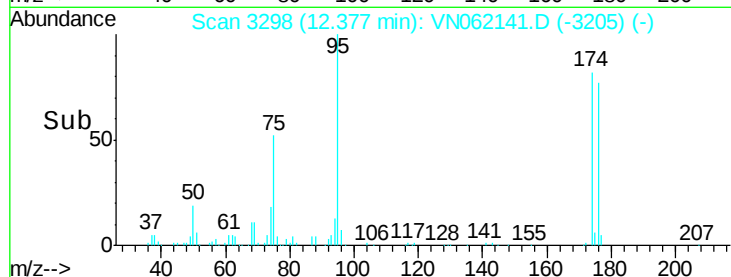
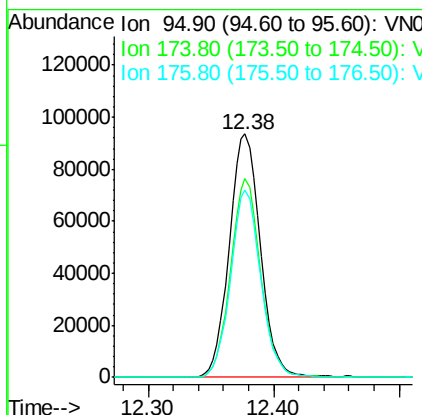
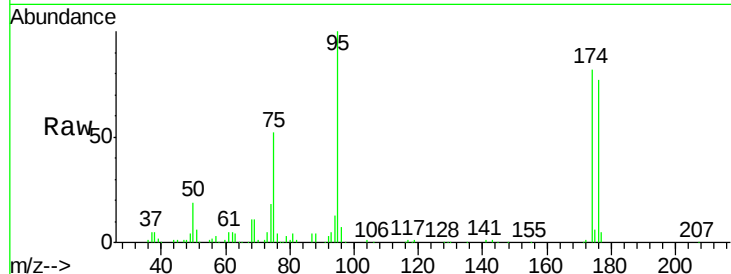




#62
4-Bromofluorobenzene
Concen: 46.447 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062141.D
Acq: 26 Jun 2020 15:49

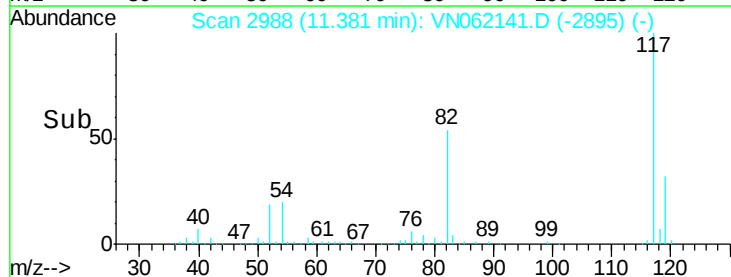
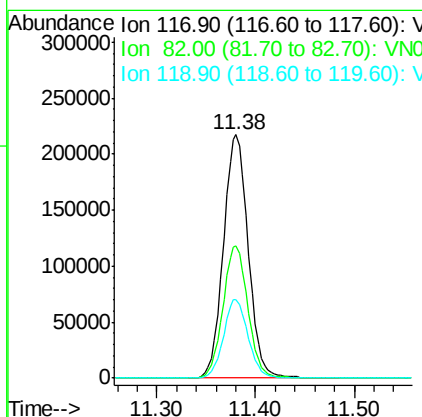
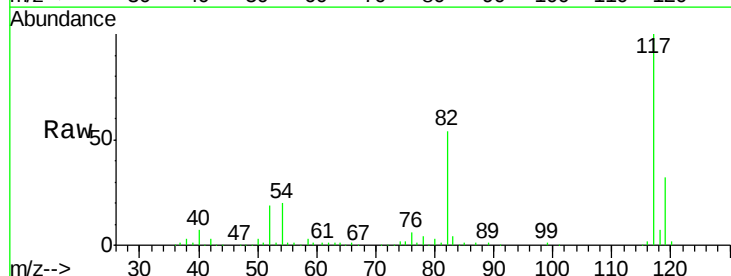
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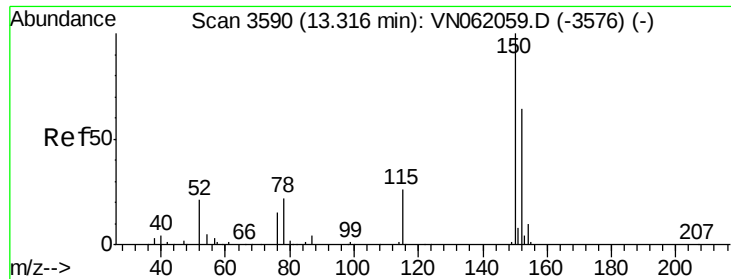
Tot Ion: 95 Resp: 160880
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.8
176 74.5 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062141.D
Acq: 26 Jun 2020 15:49

Tgt Ion: 117 Resp: 382696
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.3 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: VN062141.D
 Acq: 26 Jun 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20200622

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.5	88.5
150	158.2	0.0	351.4

