

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062010.D
 Acq On : 22 Jun 2020 19:31
 Operator : JC/MD
 Sample : L3043-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616

Quant Time: Jun 23 06:17:24 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

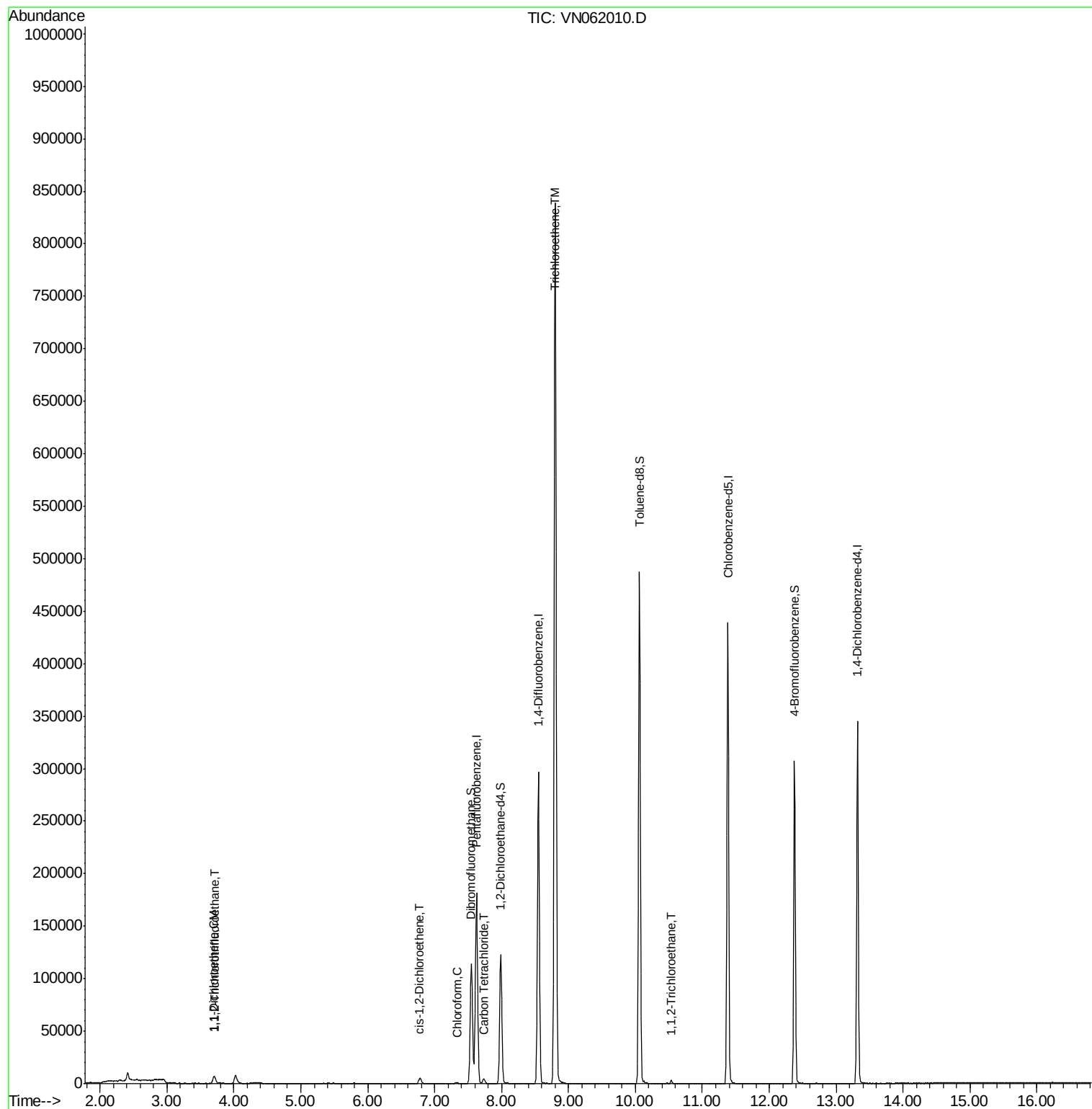
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	259937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103479	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	88917	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	10.06	98	343533	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.38	95	110975	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2725	1.846	ug/l	95
12) 1,1-Dichloroethene	3.69	96	2798	1.892	ug/l	96
27) cis-1,2-Dichloroethene	6.79	96	2878	1.468	ug/l	61
30) Chloroform	7.34	83	1351	0.430	ug/l	96
38) Carbon Tetrachloride	7.74	117	3594	1.466	ug/l #	96
44) Trichloroethene	8.80	130	314674	159.435	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	1183	0.638	ug/l	93

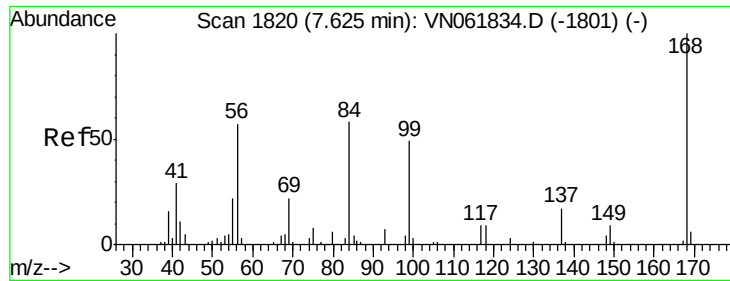
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
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Quant Time: Jun 23 06:17:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN062010.D

Acq: 22 Jun 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

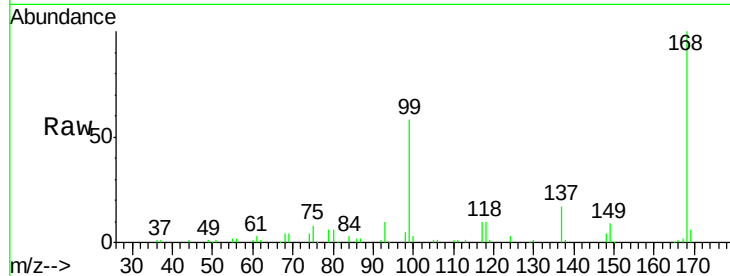
RE139D2-20200616

Tot Ion:168 Resp: 145562

Ion Ratio Lower Upper

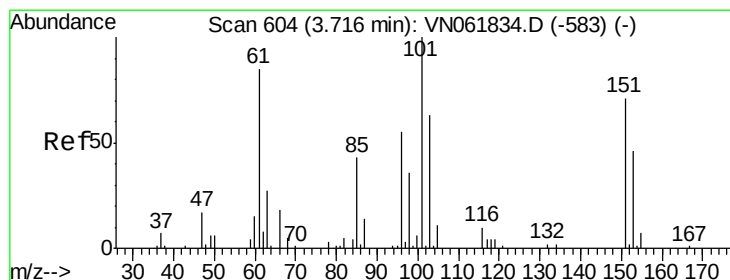
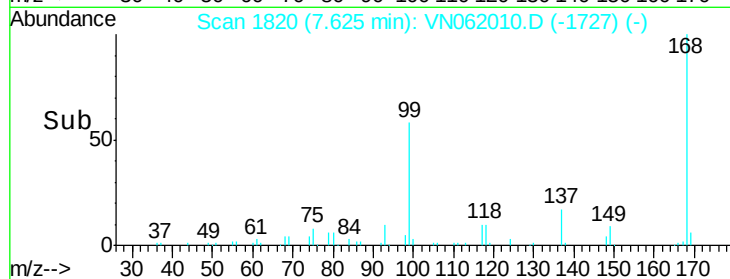
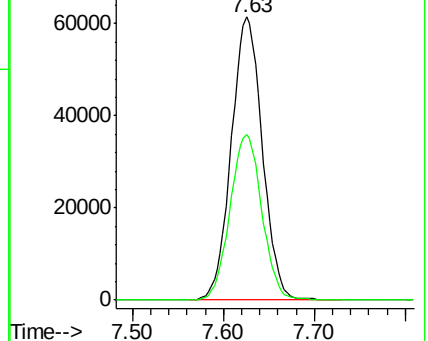
168 100

99 58.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.846 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062010.D

Acq: 22 Jun 2020 19:31

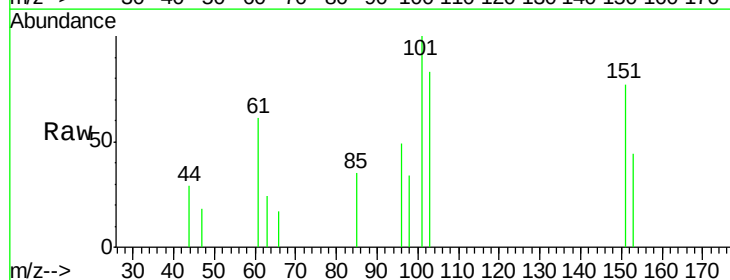
Tgt Ion:101 Resp: 2725

Ion Ratio Lower Upper

101 100

85 37.3 35.0 52.6

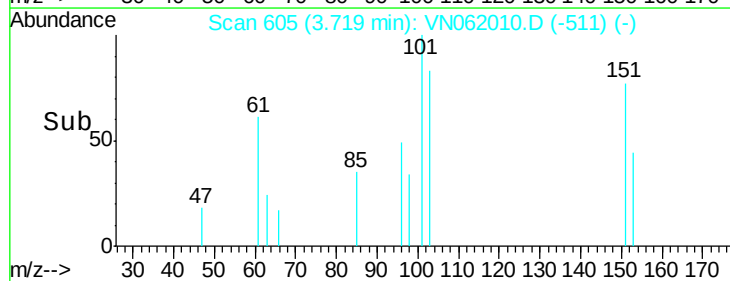
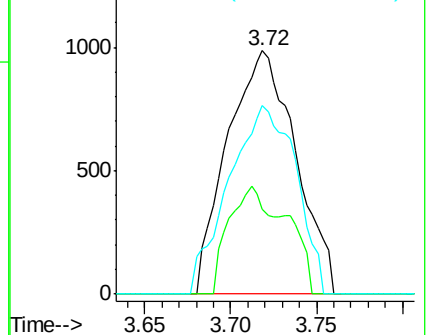
151 76.1 59.2 88.8

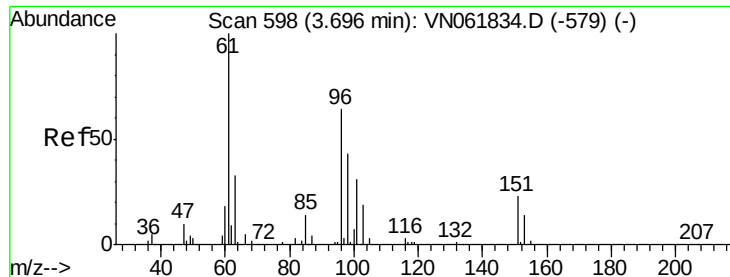


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.892 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062010.D

Acq: 22 Jun 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616

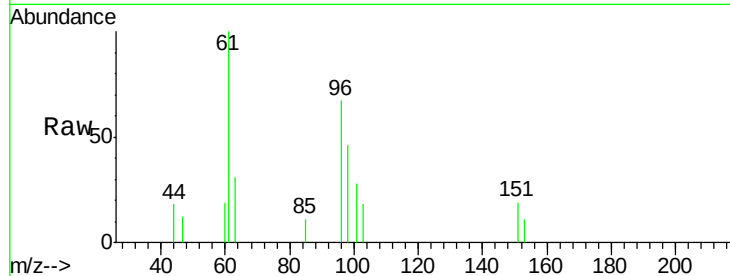
Tot Ion: 96 Resp: 2798

Ion Ratio Lower Upper

96 100

61 150.2 124.3 186.5

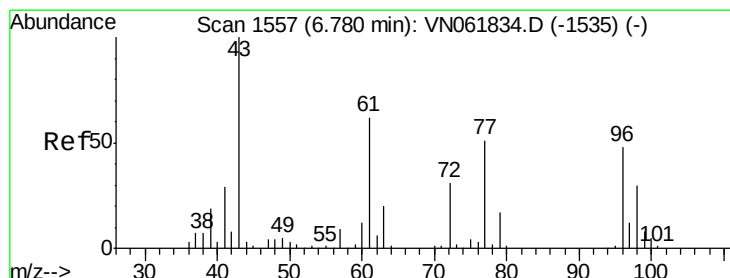
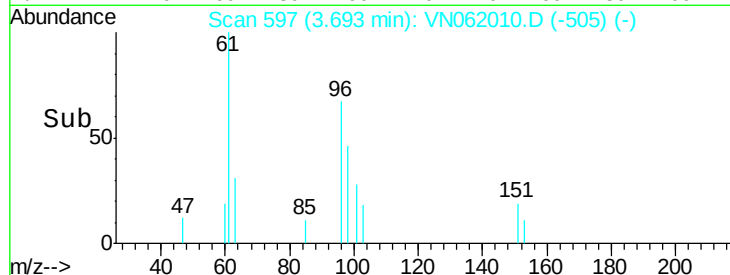
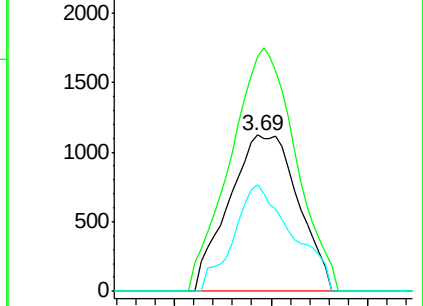
98 68.5 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-579) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.468 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062010.D

Acq: 22 Jun 2020 19:31

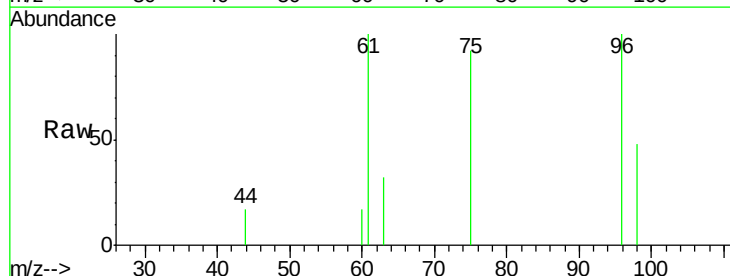
Tgt Ion: 96 Resp: 2878

Ion Ratio Lower Upper

96 100

61 68.9 0.0 265.6

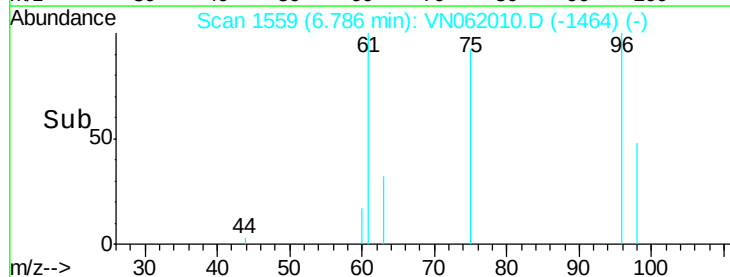
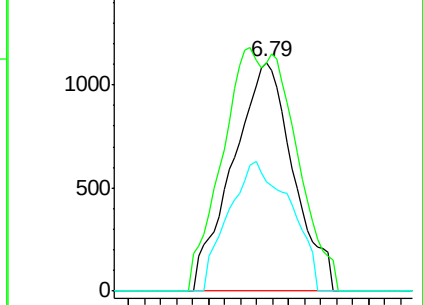
98 57.9 0.0 128.2

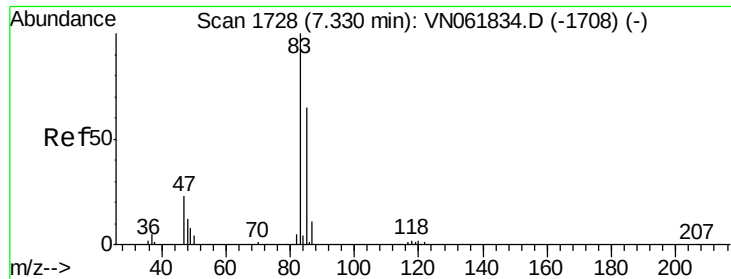


Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)

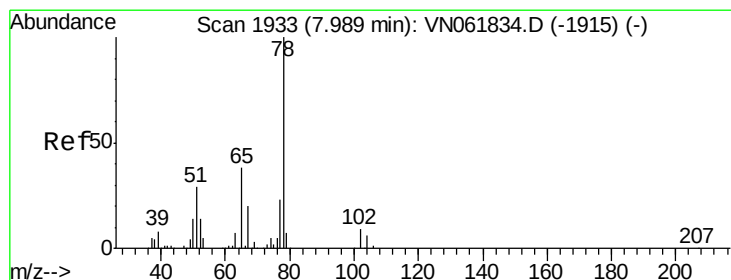
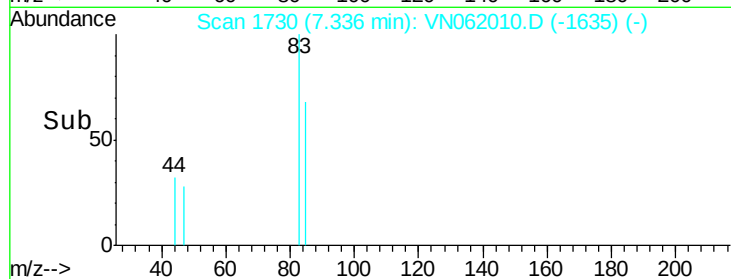
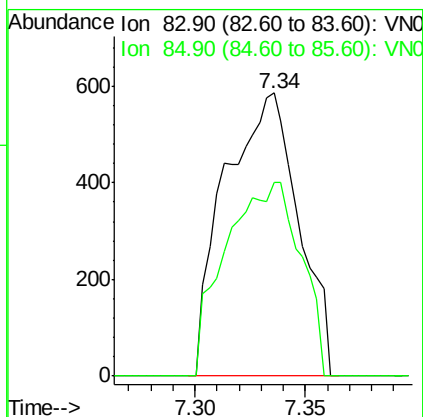
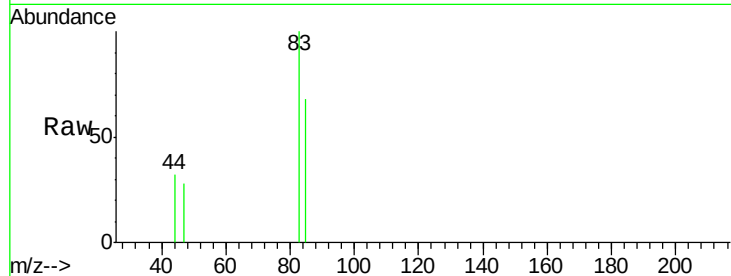




#30
Chloroform
Concen: 0.430 ug/l
RT: 7.34 min Scan# 1730
Delta R.T. 0.01 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

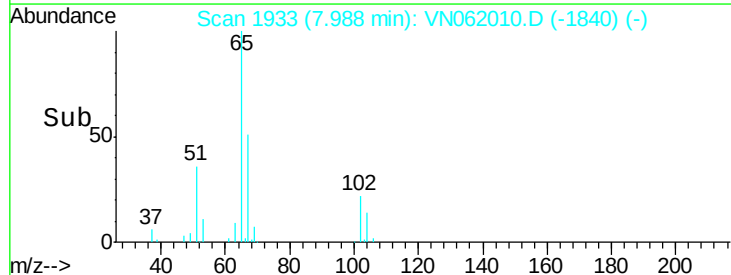
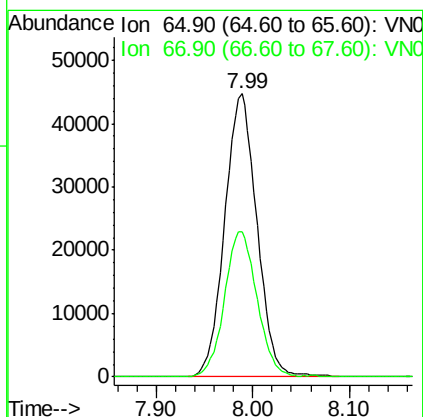
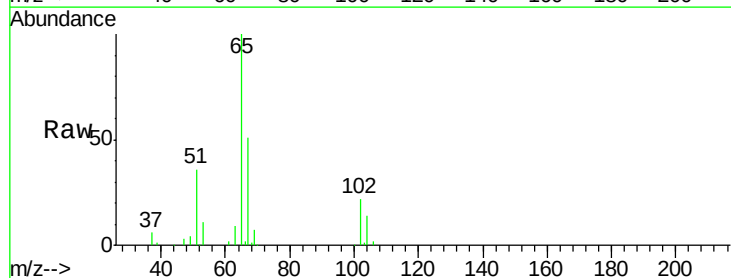
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616

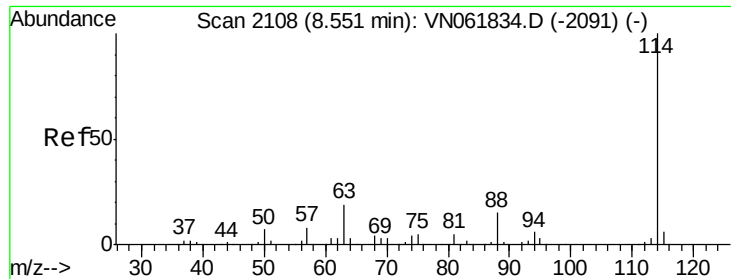
Tot Ion: 83 Resp: 1351
Ion Ratio Lower Upper
83 100
85 68.3 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 53.006 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

Tgt Ion: 65 Resp: 103479
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

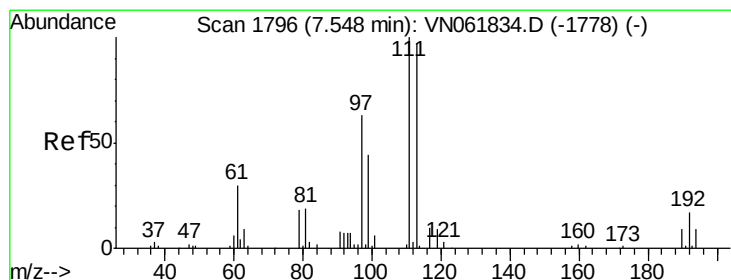
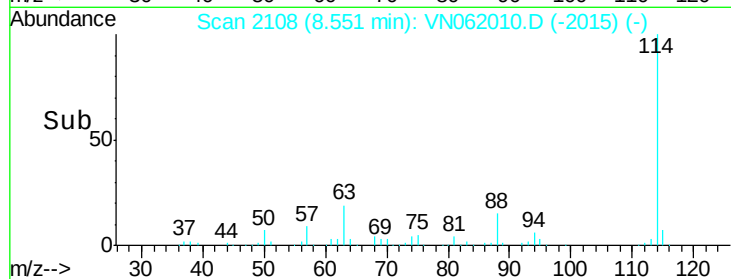
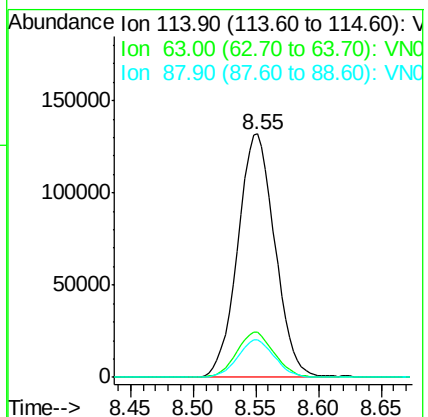
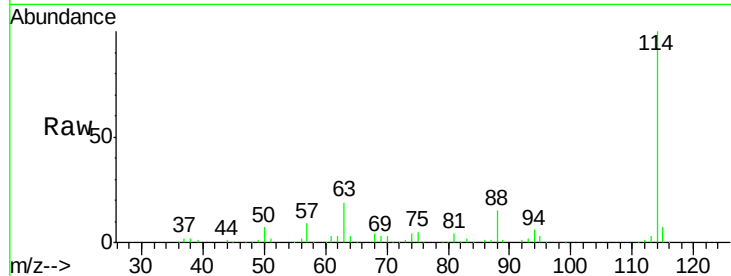




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

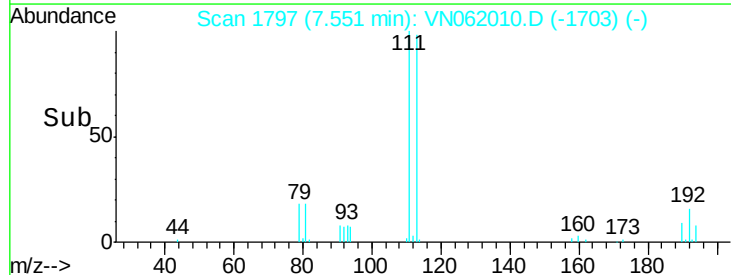
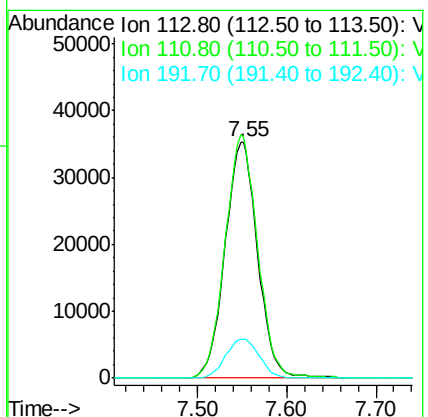
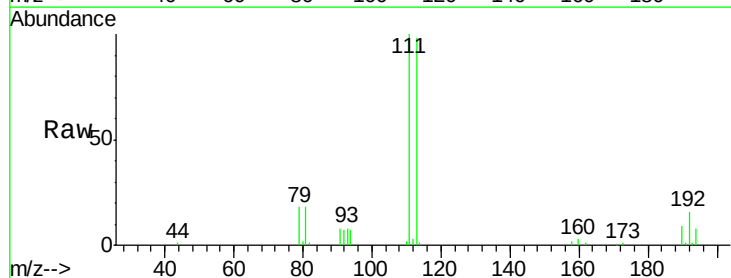
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616

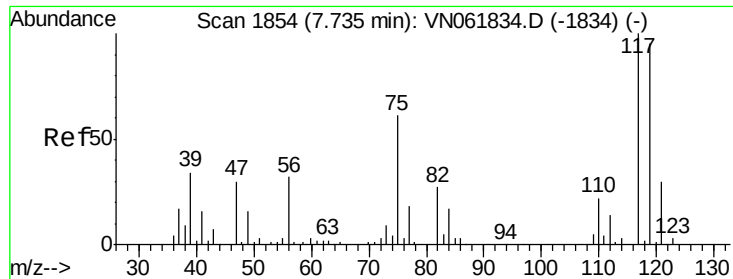
Tot Ion:114 Resp: 271427
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.6
88 15.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 51.206 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

Tgt Ion:113 Resp: 88917
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 17.0 13.9 20.9

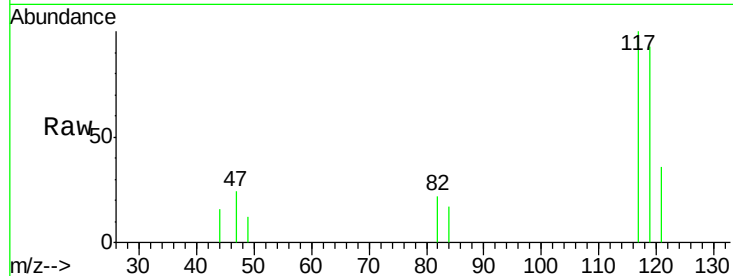




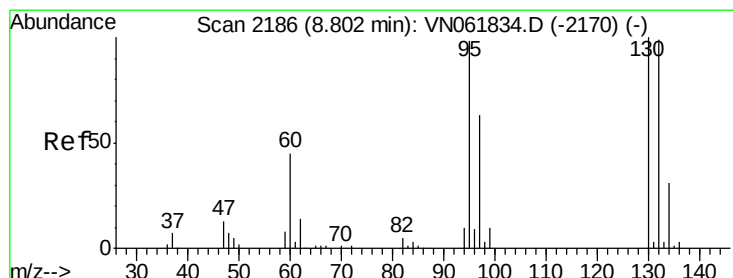
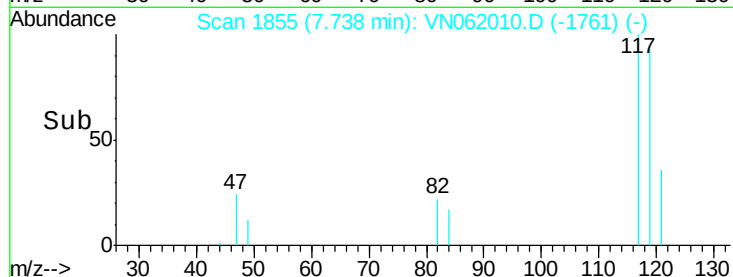
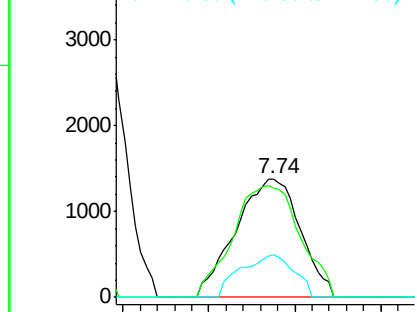
#38
Carbon Tetrachloride
Concen: 1.466 ug/l
RT: 7.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616

Tot Ion:117 Resp: 3594
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.6
121 35.8 23.8 35.6#

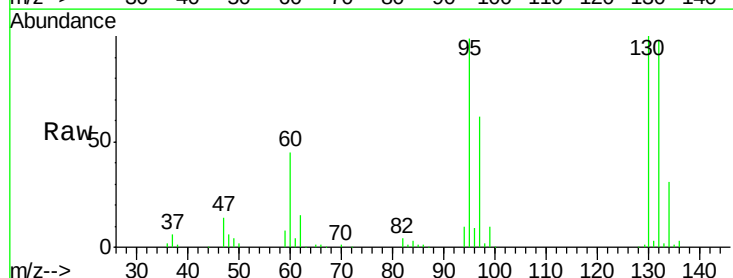


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

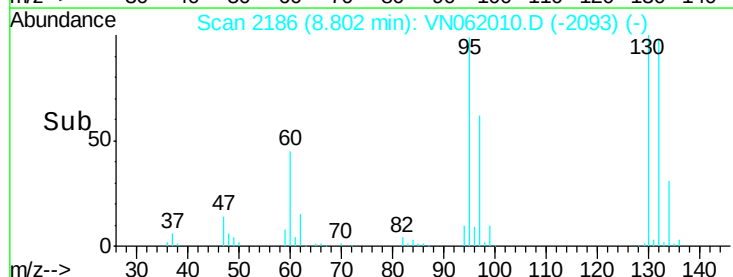
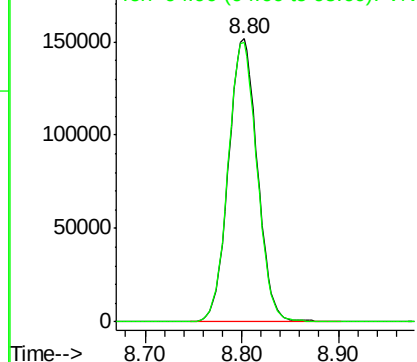


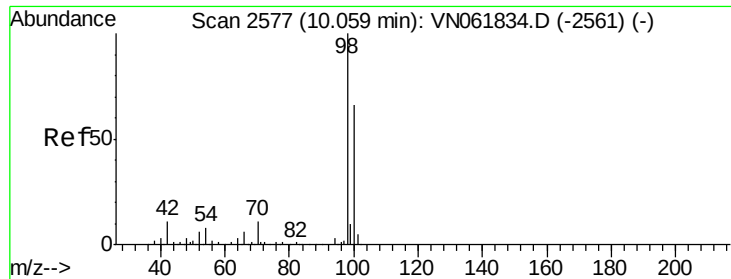
#44
Trichloroethene
Concen: 159.435 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

Tgt Ion:130 Resp: 314674
Ion Ratio Lower Upper
130 100
95 98.7 0.0 195.6



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

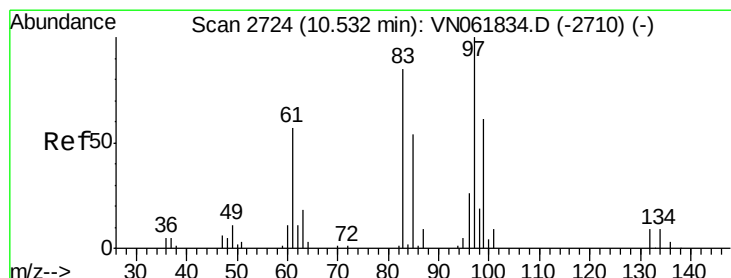
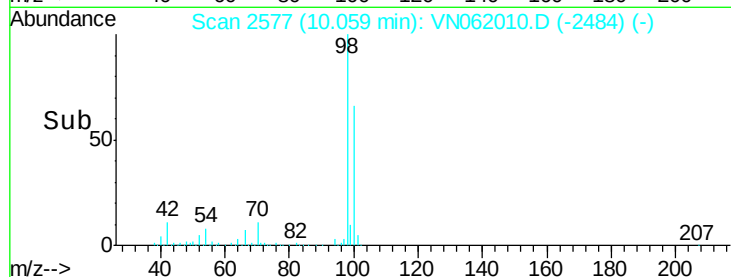
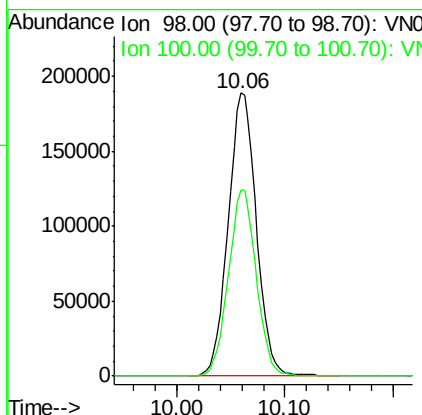
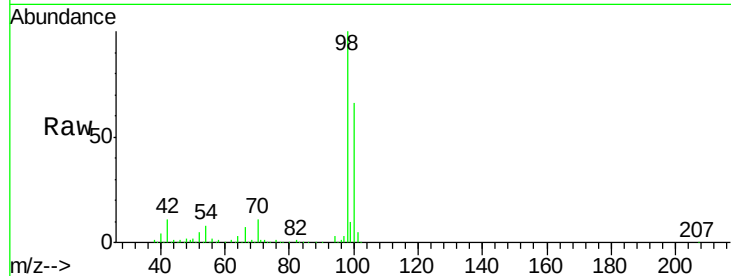




#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

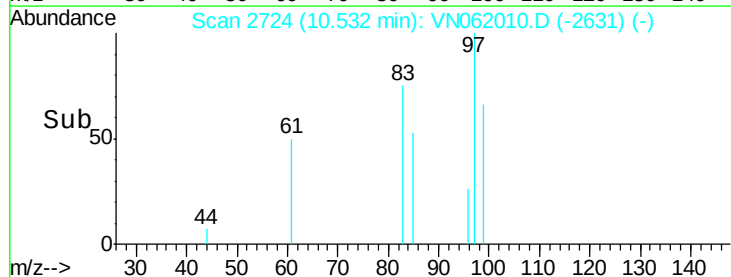
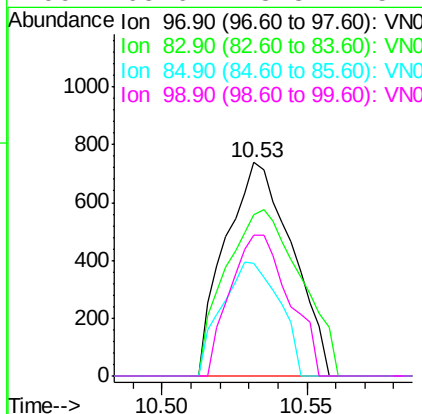
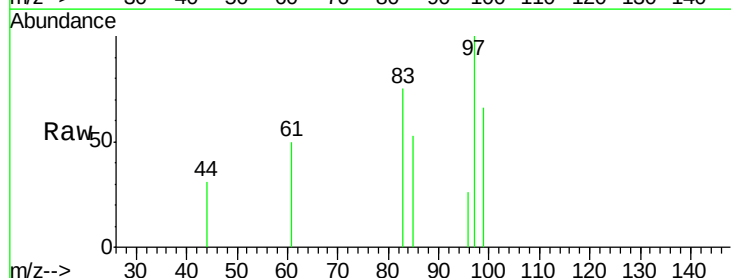
Instrument :
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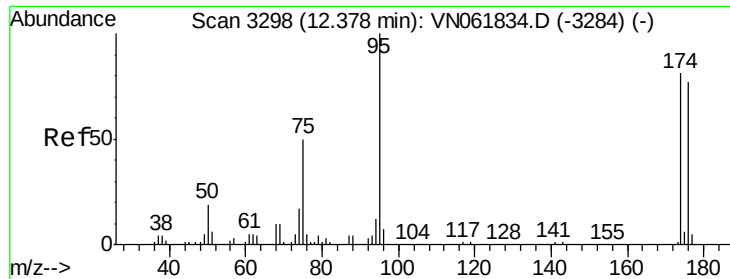
Tot Ion: 98 Resp: 343533
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#55
1,1,2-Trichloroethane
Concen: 0.638 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN062010.D
Acq: 22 Jun 2020 19:31

Tgt Ion: 97 Resp: 1183
Ion Ratio Lower Upper
97 100
83 75.2 67.7 101.5
85 52.9 43.4 65.0
99 65.6 48.8 73.2





#62

4-Bromofluorobenzene

Concen: 47.392 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062010.D

Acq: 22 Jun 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616

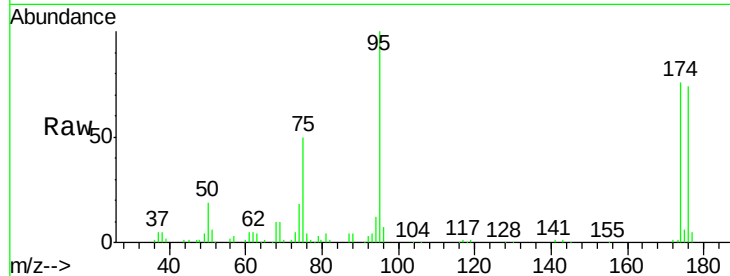
Tot Ion: 95 Resp: 110975

Ion Ratio Lower Upper

95 100

174 75.6 0.0 158.6

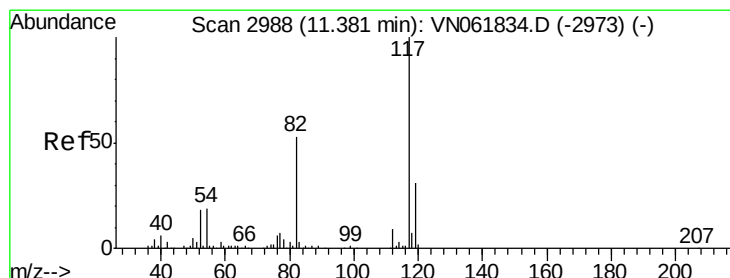
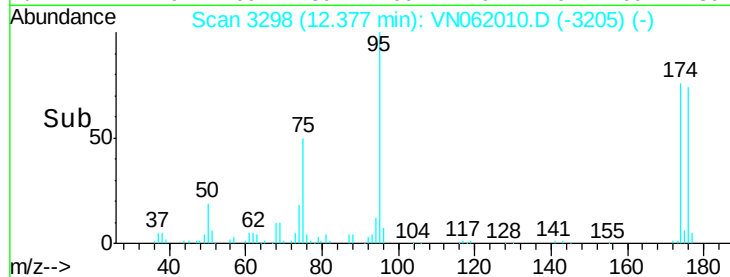
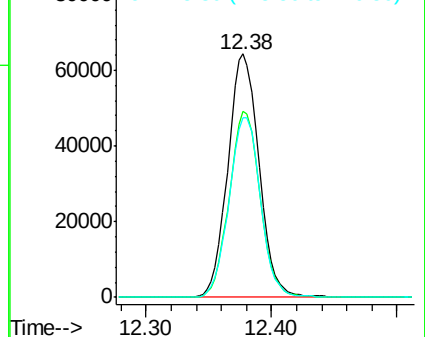
176 74.4 0.0 152.0



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

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): 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: VN062010.D

Acq: 22 Jun 2020 19:31

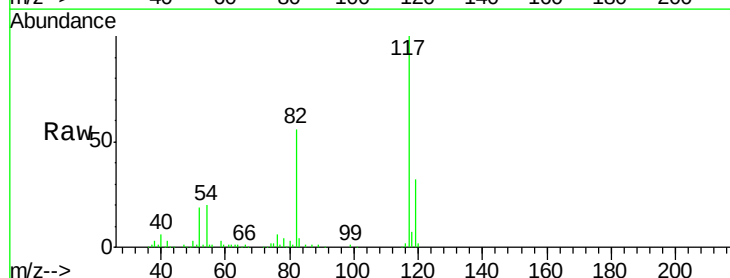
Tgt Ion: 117 Resp: 259937

Ion Ratio Lower Upper

117 100

82 56.1 42.6 64.0

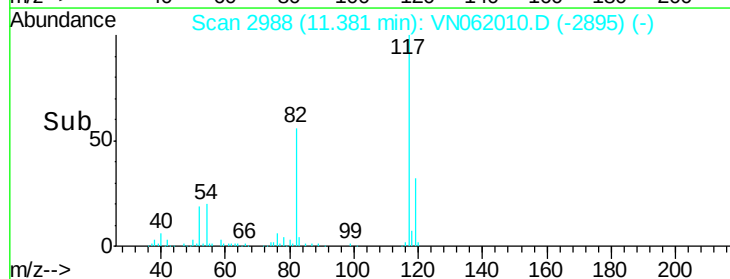
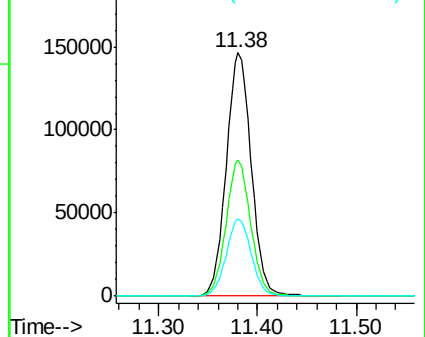
119 31.7 24.7 37.1

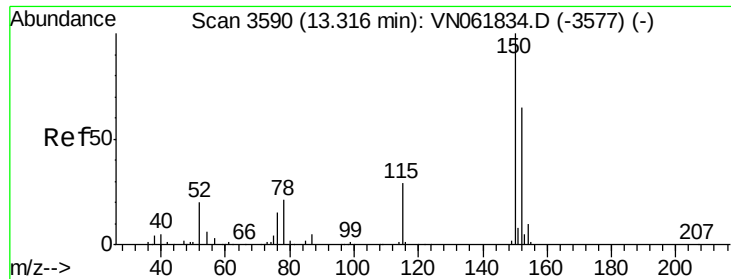


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062010.D

Acq: 22 Jun 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616

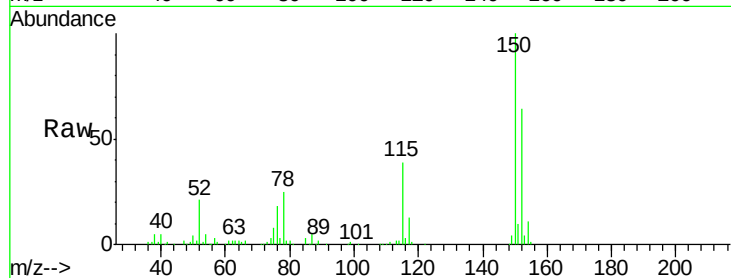
Tot Ion:152 Resp: 94240

Ion Ratio Lower Upper

152 100

115 60.2 29.1 87.3

150 158.8 0.0 347.6



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

