

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062039.D
 Acq On : 23 Jun 2020 8:23
 Operator : JC/MD
 Sample : L3043-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20200615

Quant Time: Jun 23 11:26:43 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	141847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	101479	53.34	ug/l	0.00
Spiked Amount						
			Recovery	=	106.68%	
35) Dibromofluoromethane	7.55	113	86841	50.64	ug/l	0.00
Spiked Amount						
			Recovery	=	101.28%	
50) Toluene-d8	10.06	98	342612	50.82	ug/l	0.00
Spiked Amount						
			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.38	95	113842	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=	98.46%	

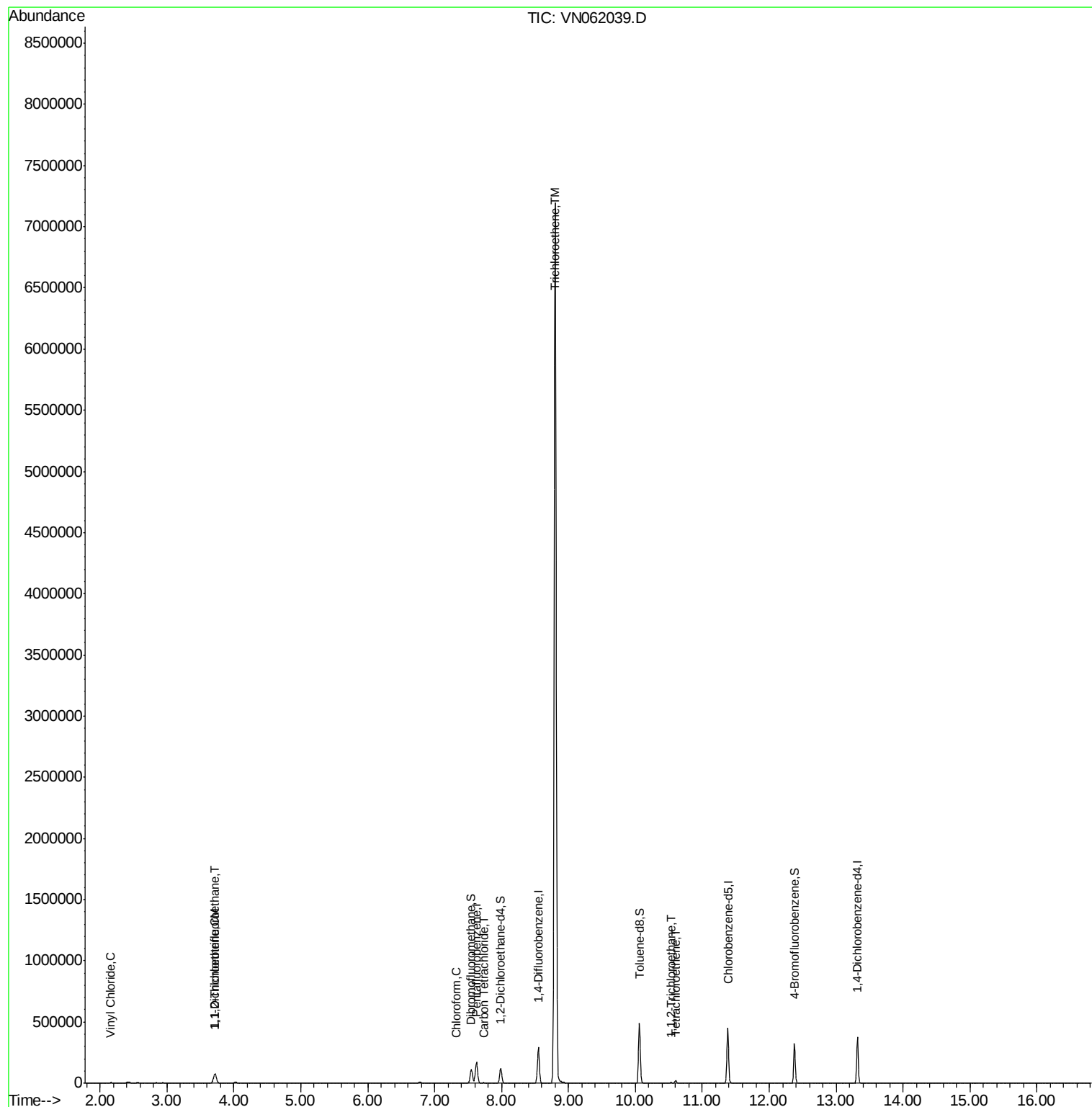
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	1449	0.617	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46030	32.002	ug/l	98
12) 1,1-Dichloroethene	3.70	96	8048	5.584	ug/l	85
30) Chloroform	7.33	83	3255	1.064	ug/l	95
38) Carbon Tetrachloride	7.73	117	3259	1.346	ug/l #	97
44) Trichloroethene	8.80	130	2593131	1330.443	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	1678	0.917	ug/l	95
64) Tetrachloroethene	10.61	164	4867	2.893	ug/l	96

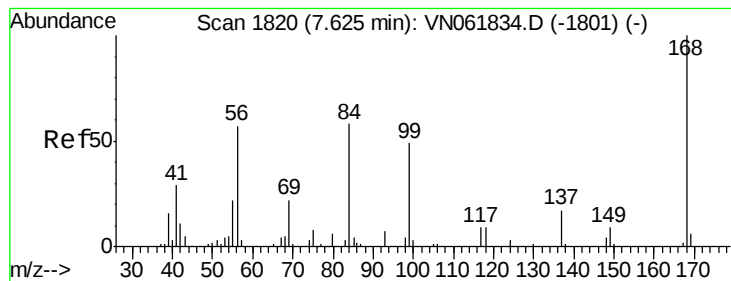
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
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Quant Time: Jun 23 11:26:43 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: VN062039.D

Acq: 23 Jun 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

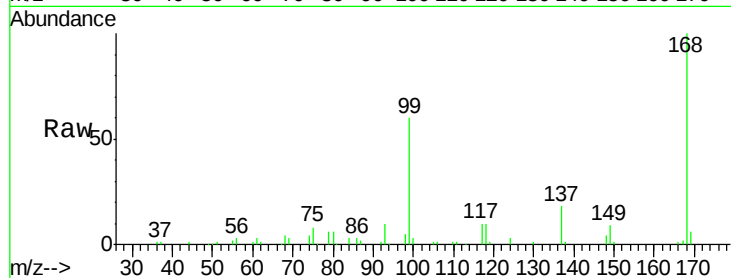
TT101D2-20200615

Tot Ion:168 Resp: 141847

Ion Ratio Lower Upper

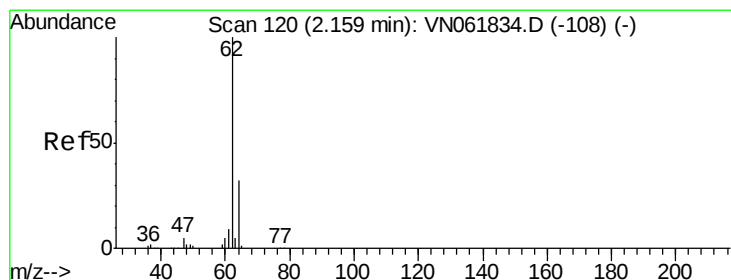
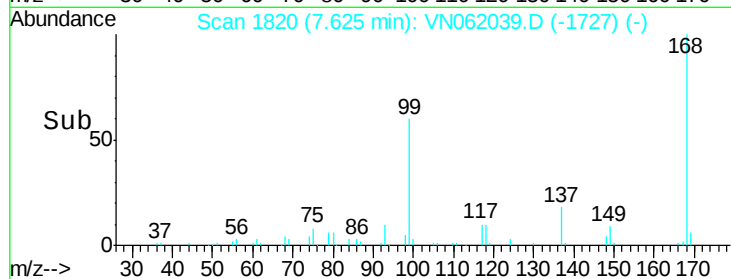
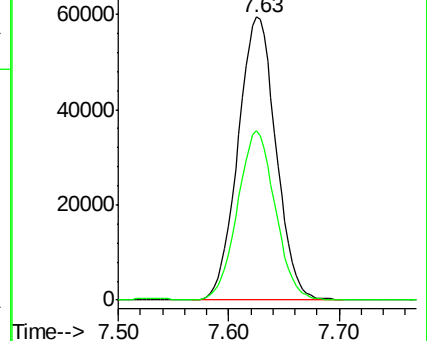
168 100

99 59.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 0.617 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062039.D

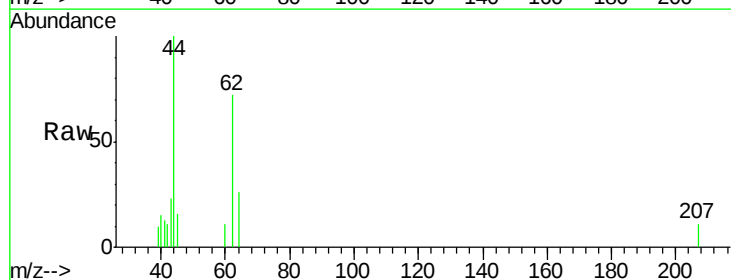
Acq: 23 Jun 2020 8:23

Tgt Ion: 62 Resp: 1449

Ion Ratio Lower Upper

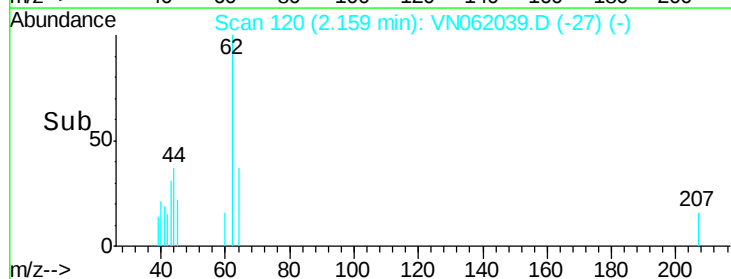
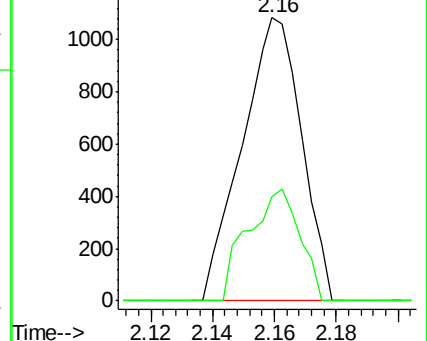
62 100

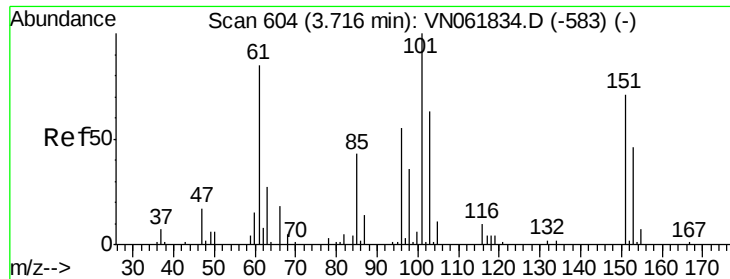
64 36.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.002 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20200615

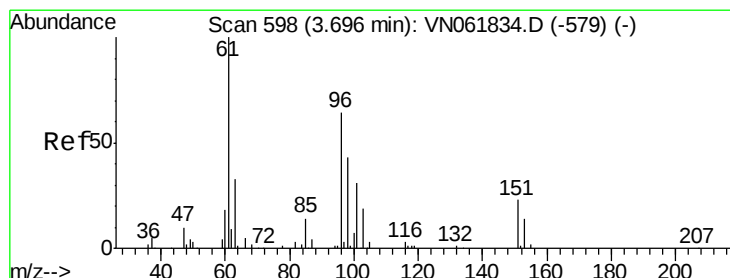
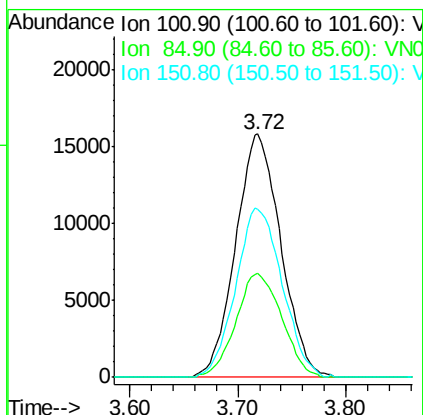
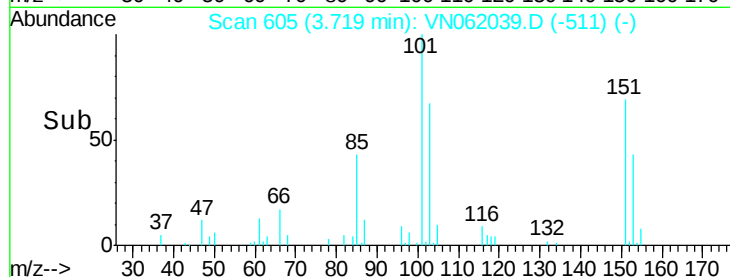
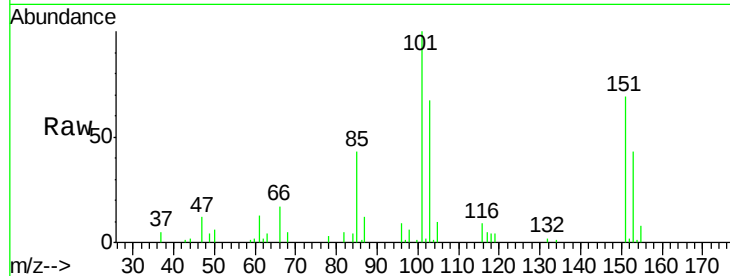
Tot Ion:101 Resp: 46030

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.6

151 71.2 59.2 88.8



#12

1,1-Dichloroethene

Concen: 5.584 ug/l

RT: 3.70 min Scan# 600

Delta R.T. 0.01 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

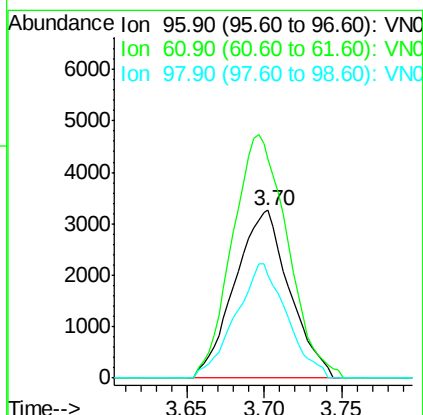
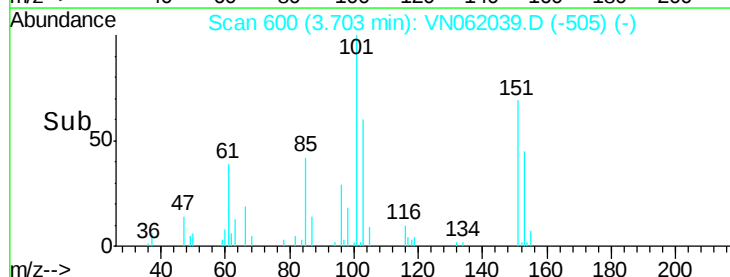
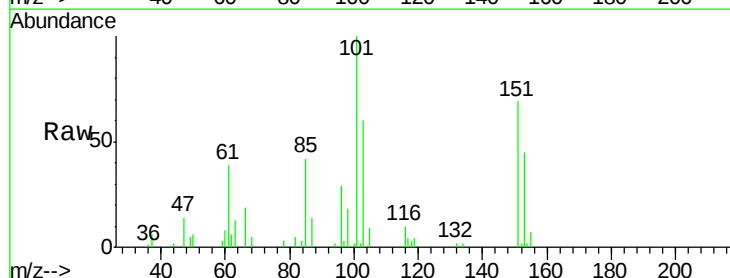
Tgt Ion: 96 Resp: 8048

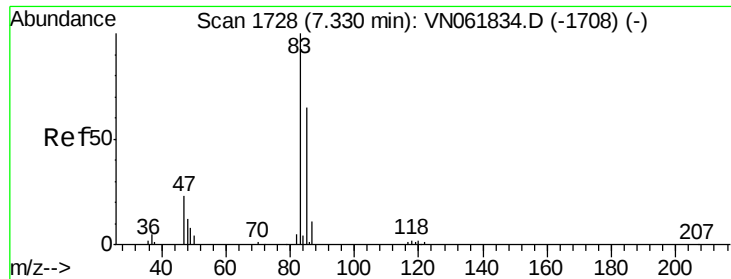
Ion Ratio Lower Upper

96 100

61 130.9 124.3 186.5

98 61.7 53.1 79.7

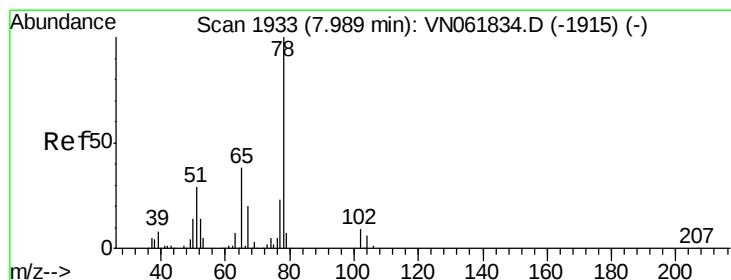
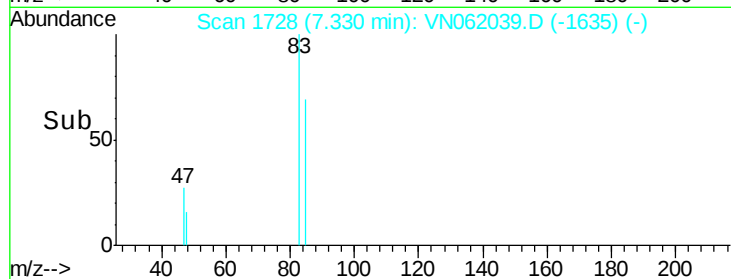
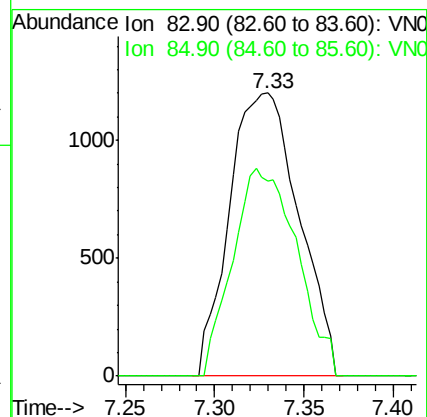
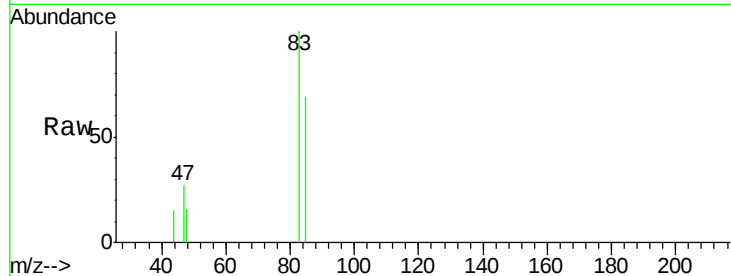




#30
Chloroform
Concen: 1.064 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062039.D
Acq: 23 Jun 2020 8:23

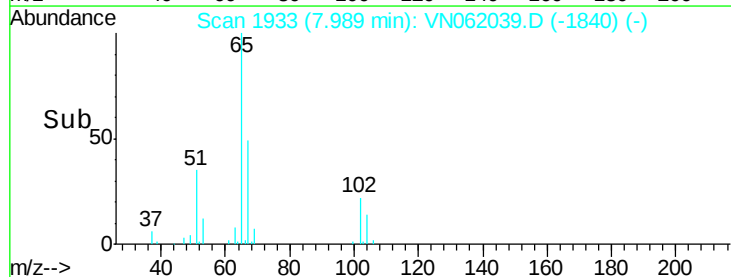
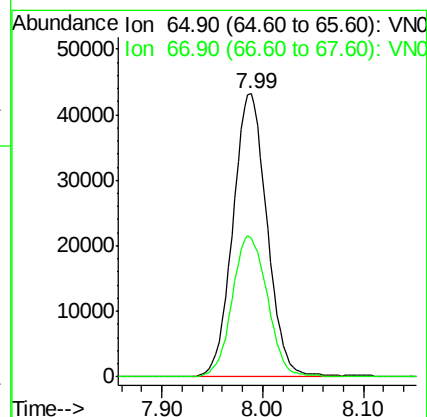
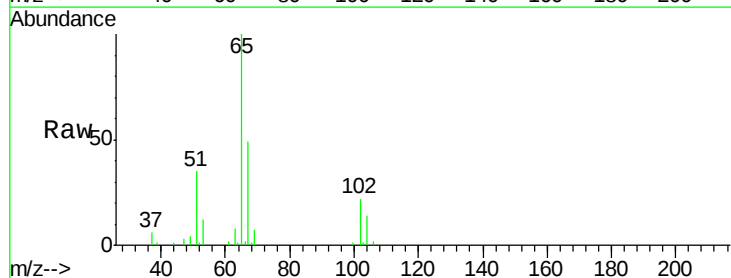
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20200615

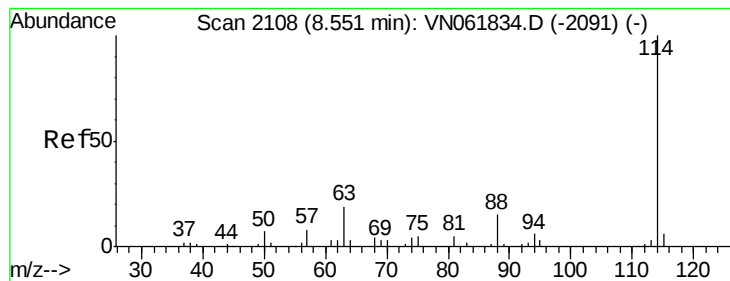
Tot Ion: 83 Resp: 3255
Ion Ratio Lower Upper
83 100
85 69.1 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 53.343 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062039.D
Acq: 23 Jun 2020 8:23

Tgt Ion: 65 Resp: 101479
Ion Ratio Lower Upper
65 100
67 51.4 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: VN062039.D

Acq: 23 Jun 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20200615

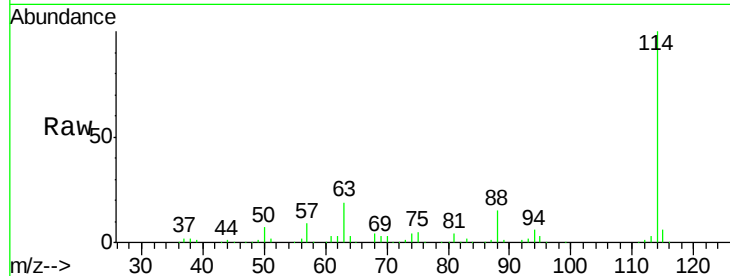
Tot Ion:114 Resp: 268043

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

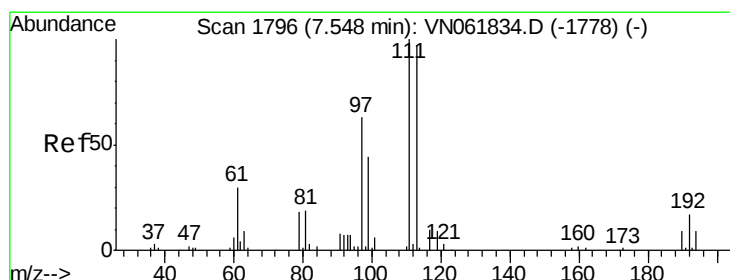
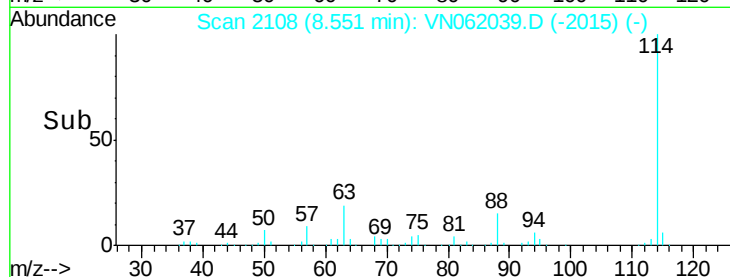
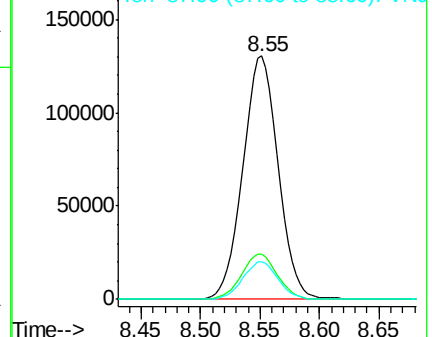
88 15.4 0.0 31.0



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: 50.642 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

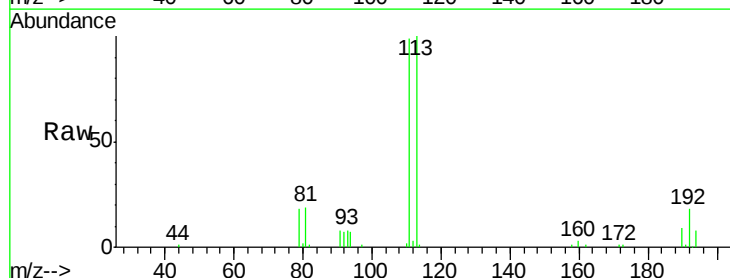
Tgt Ion:113 Resp: 86841

Ion Ratio Lower Upper

113 100

111 101.1 83.7 125.5

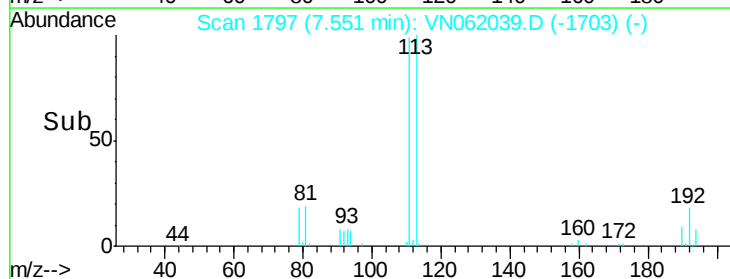
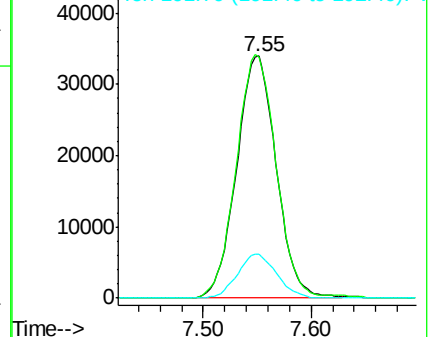
192 17.9 13.9 20.9

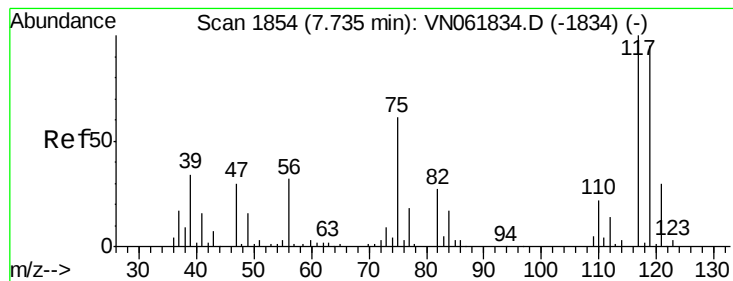


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 1.346 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20200615

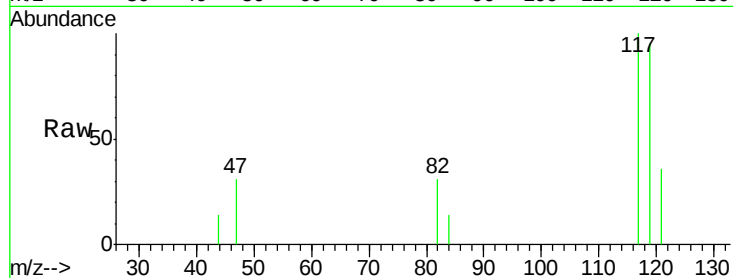
Tot Ion:117 Resp: 3259

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.6

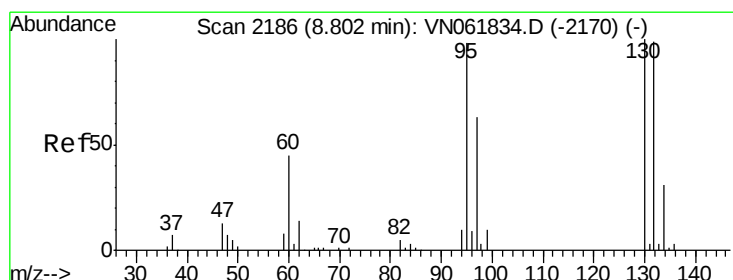
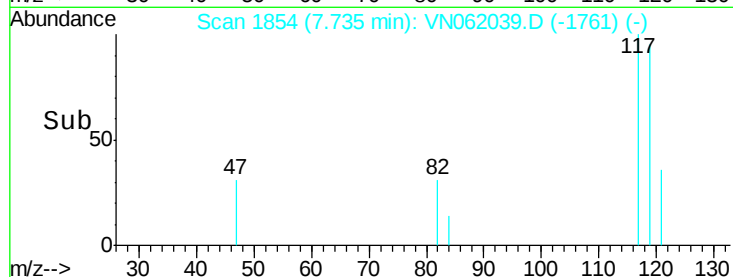
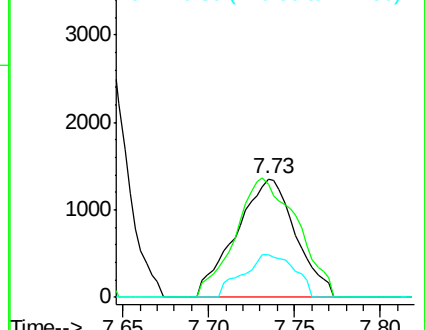
121 36.0 23.8 35.6#



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: 1330.443 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062039.D

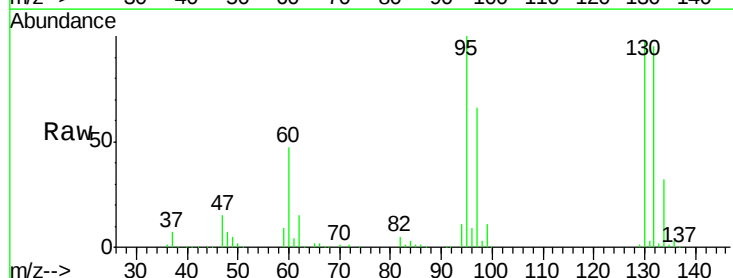
Acq: 23 Jun 2020 8:23

Tgt Ion:130 Resp: 2593131

Ion Ratio Lower Upper

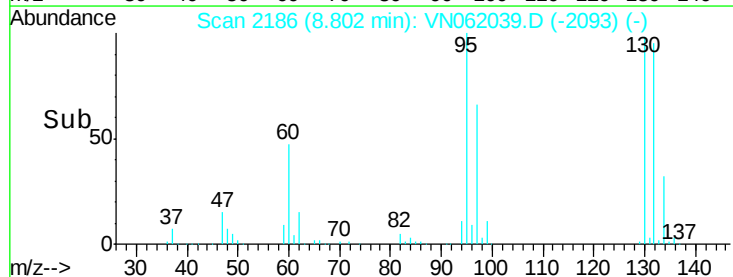
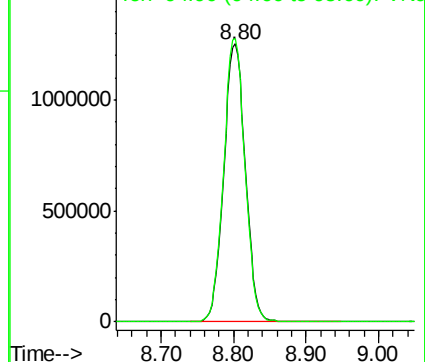
130 100

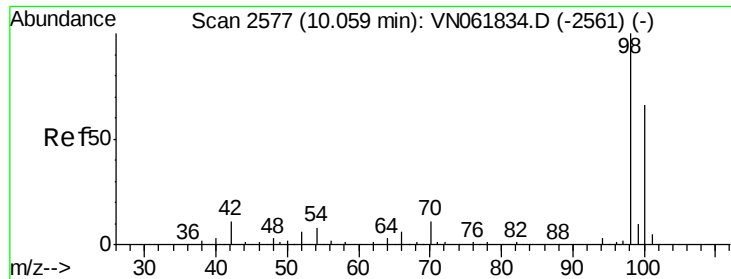
95 101.8 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.821 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

Instrument :

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ClientSampleId :

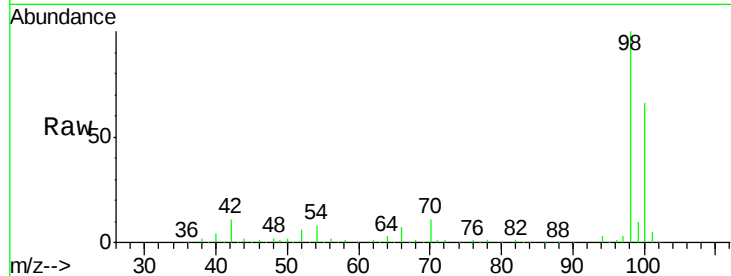
TT101D2-20200615

Tot Ion: 98 Resp: 342612

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



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

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

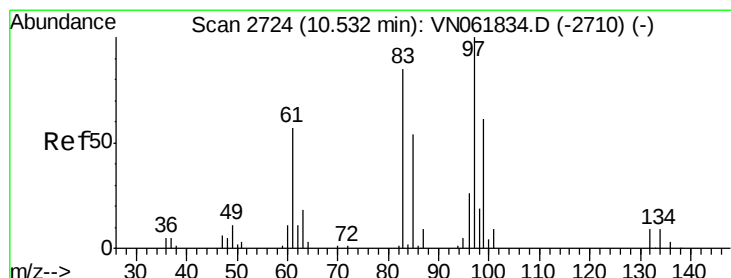
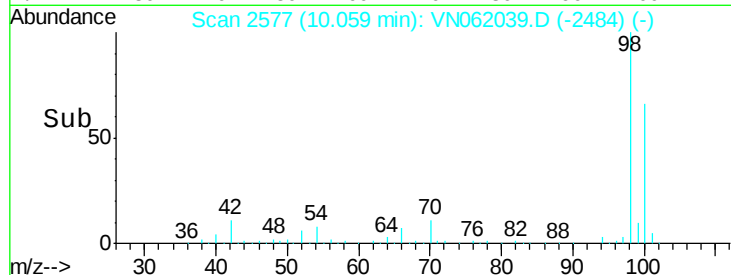
150000

100000

50000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.917 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

Tgt Ion: 97 Resp: 1678

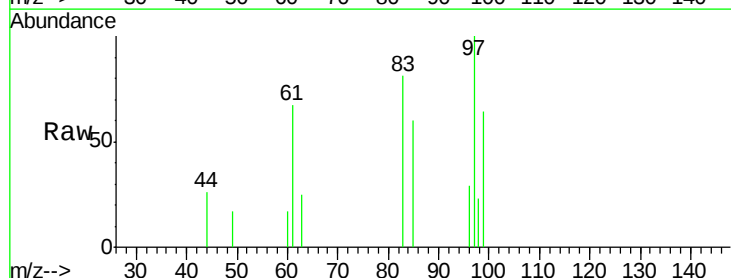
Ion Ratio Lower Upper

97 100

83 80.6 67.7 101.5

85 59.6 43.4 65.0

99 63.6 48.8 73.2



Abundance Ion 96.90 (96.60 to 97.60): VN061834.D (-2710) (-)

Ion 82.90 (82.60 to 83.60): VN061834.D (-2710) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2710) (-)

Ion 98.90 (98.60 to 99.60): VN061834.D (-2710) (-)

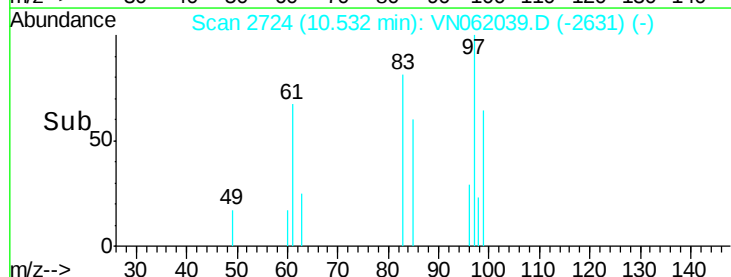
1500

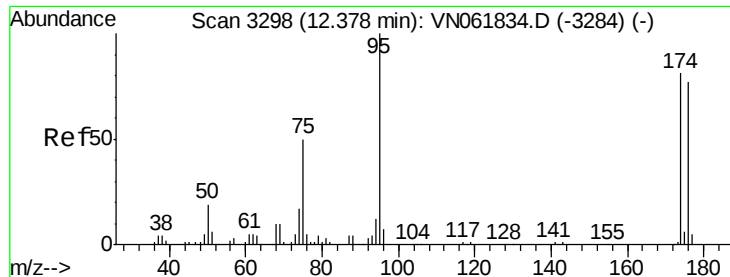
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.230 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062039.D

Acq: 23 Jun 2020 8:23

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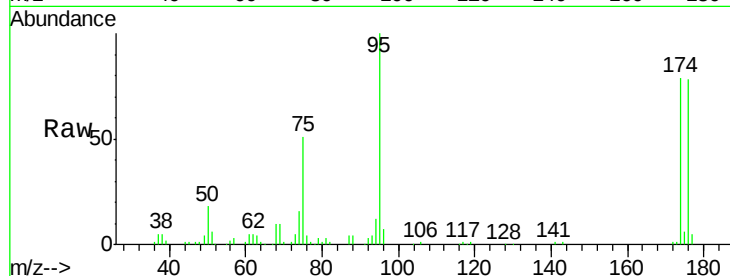
Tot Ion: 95 Resp: 113842

Ion Ratio Lower Upper

95 100

174 77.4 0.0 158.6

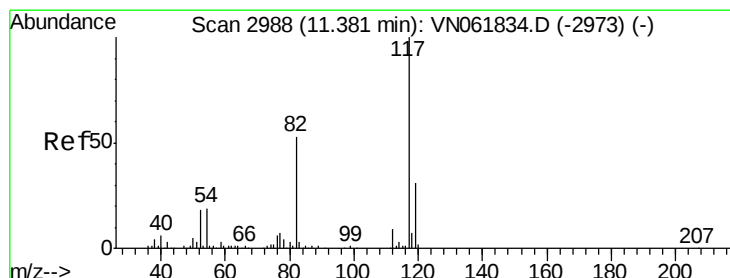
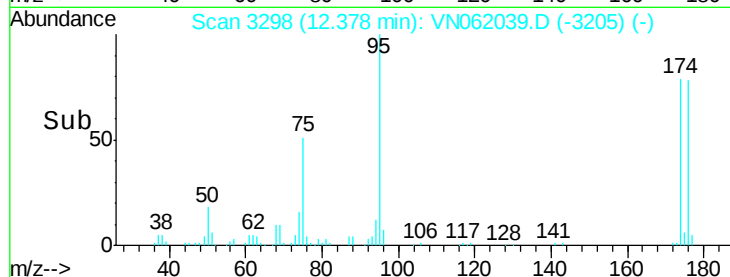
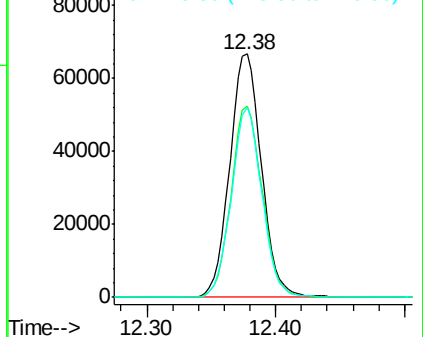
176 75.1 0.0 152.0



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: VN062039.D

Acq: 23 Jun 2020 8:23

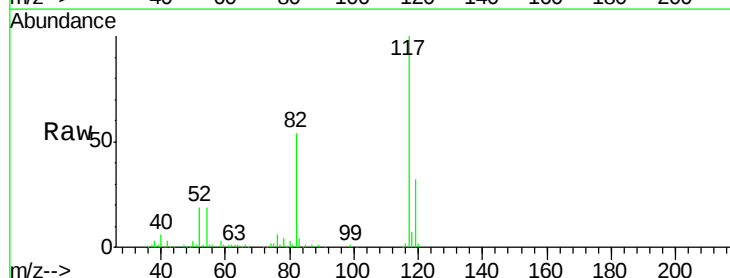
Tgt Ion: 117 Resp: 263968

Ion Ratio Lower Upper

117 100

82 53.9 42.6 64.0

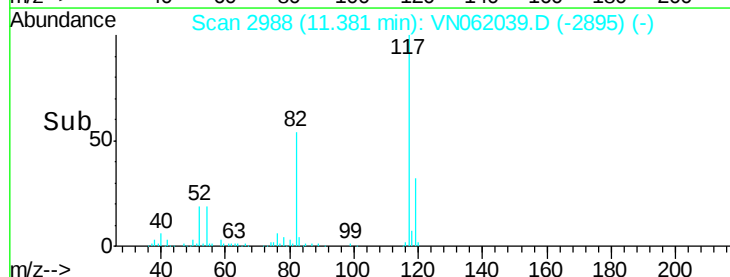
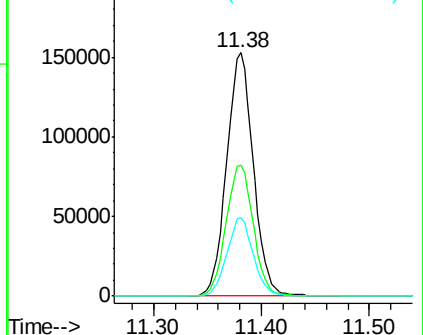
119 32.4 24.7 37.1

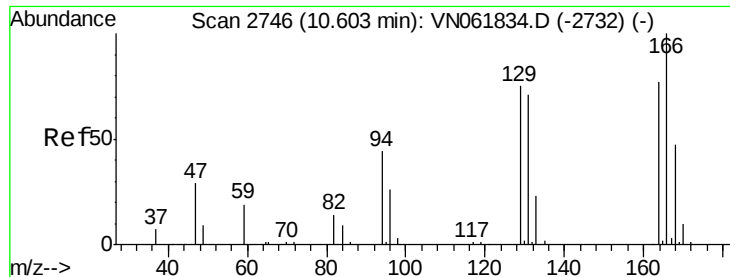


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

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

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

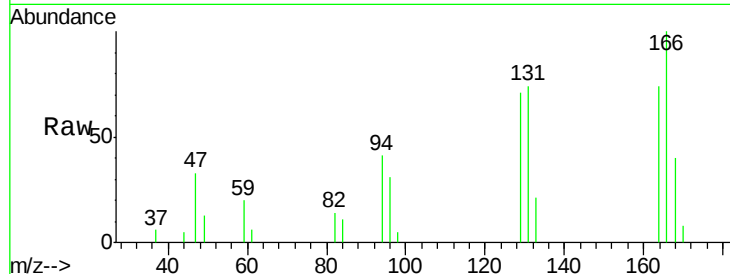




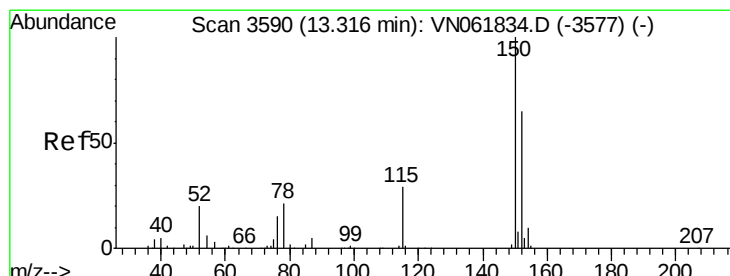
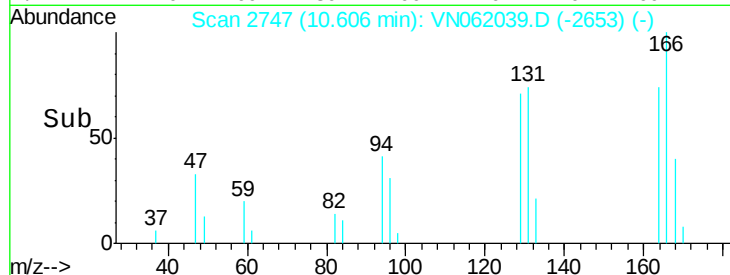
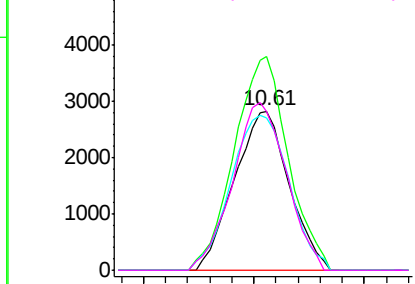
#64
Tetrachloroethene
Concen: 2.893 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062039.D
Acq: 23 Jun 2020 8:23

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20200615

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.3	103.5	155.3
129	95.8	77.5	116.3
131	99.9	73.8	110.8

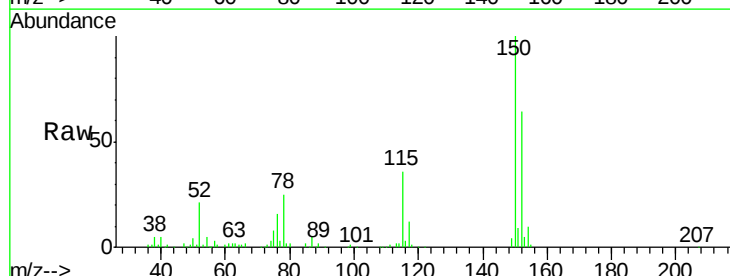


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062039.D
Acq: 23 Jun 2020 8:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.1	87.3
150	158.2	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

