

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061987.D
 Acq On : 20 Jun 2020 9:17
 Operator : JC/MD
 Sample : L3043-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200615

Quant Time: Jun 23 12:10:04 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	135302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88487	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	95569	52.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.34%	
35) Dibromofluoromethane	7.55	113	82759	50.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.44%	
50) Toluene-d8	10.06	98	320894	50.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.38	95	102426	46.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.10%	

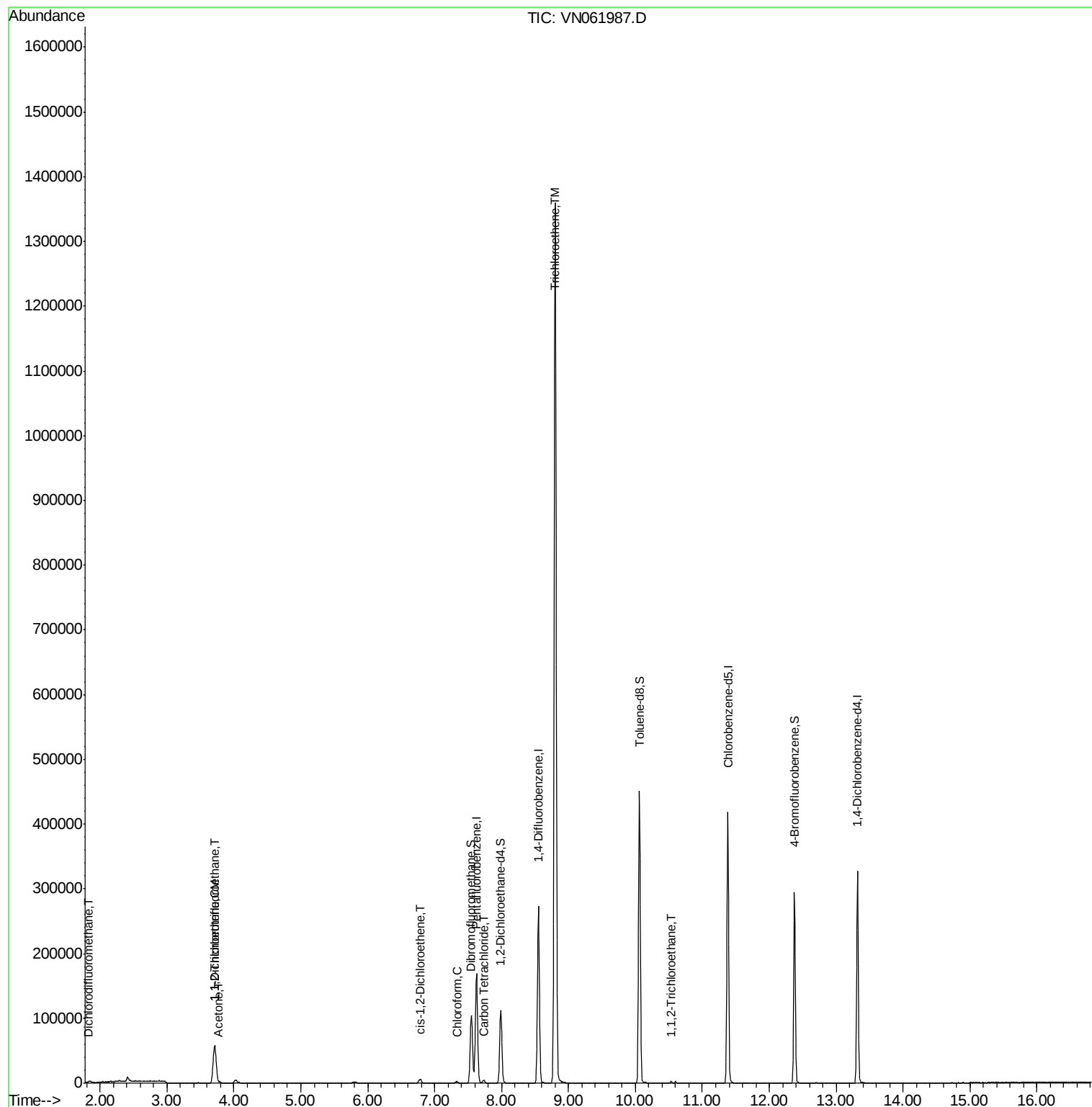
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	1578	1.183	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30121	21.954	ug/l	99
12) 1,1-Dichloroethene	3.70	96	11411	8.301	ug/l	92
16) Acetone	3.78	43	2862	5.340	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	4253	2.334	ug/l	78
30) Chloroform	7.32	83	2849	0.976	ug/l	98
38) Carbon Tetrachloride	7.74	117	3065	1.330	ug/l	96
44) Trichloroethene	8.80	130	510855	275.439	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	1039	0.597	ug/l	98

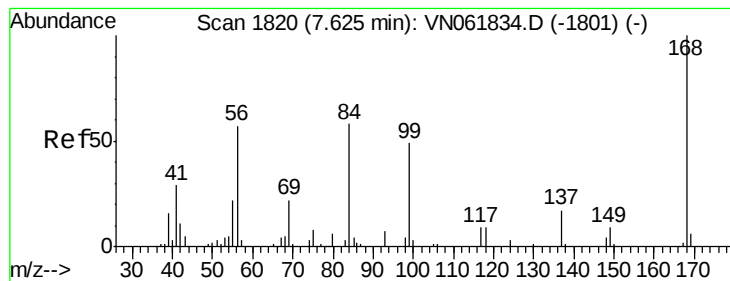
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
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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: VN061987.D

Acq: 20 Jun 2020 9:17

Instrument :

MSVOA_N

ClientSampleId :

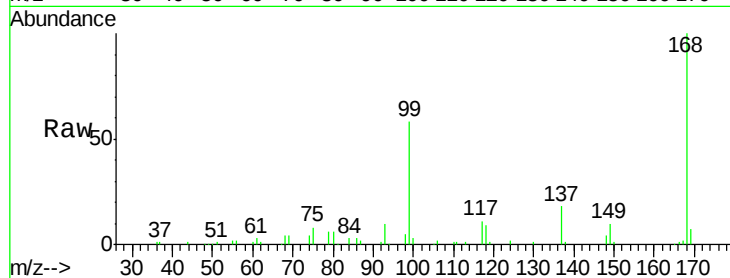
TT101D1-20200615

Tot Ion:168 Resp: 135302

Ion Ratio Lower Upper

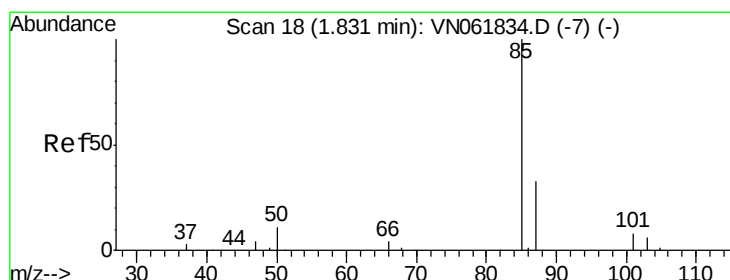
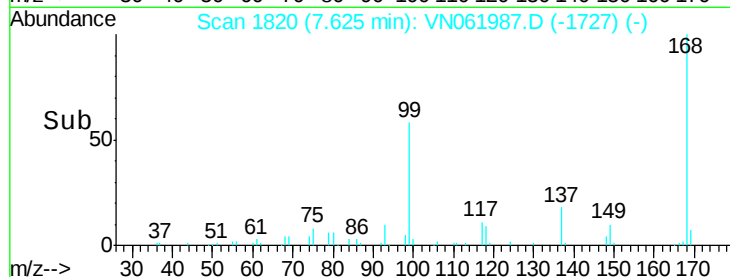
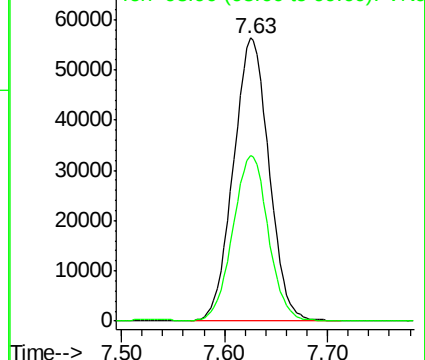
168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.183 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN061987.D

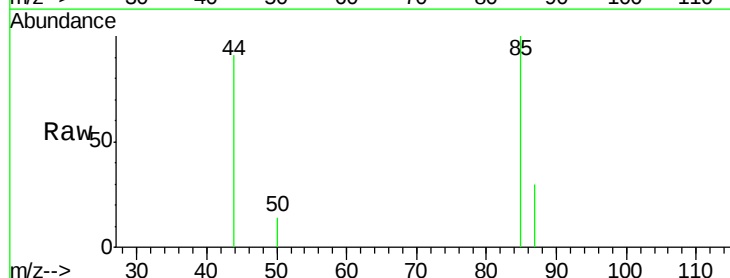
Acq: 20 Jun 2020 9:17

Tgt Ion: 85 Resp: 1578

Ion Ratio Lower Upper

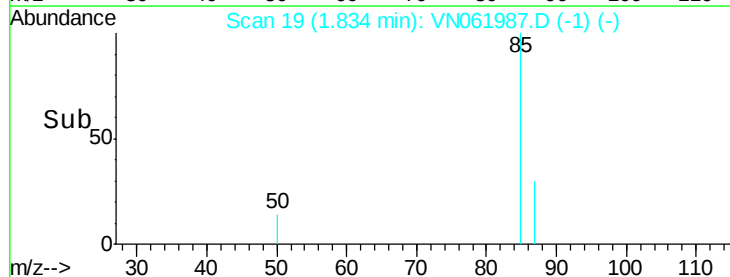
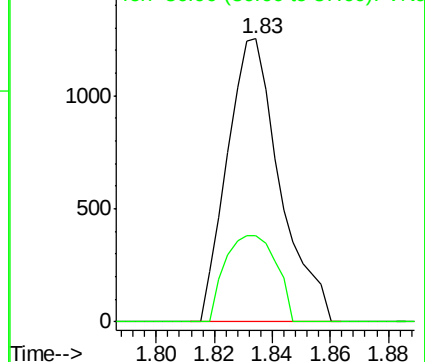
85 100

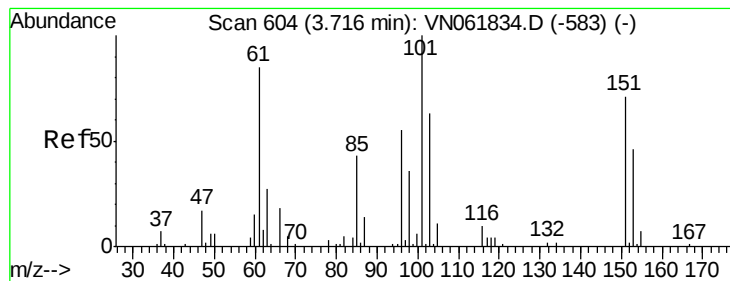
87 30.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.954 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20200615

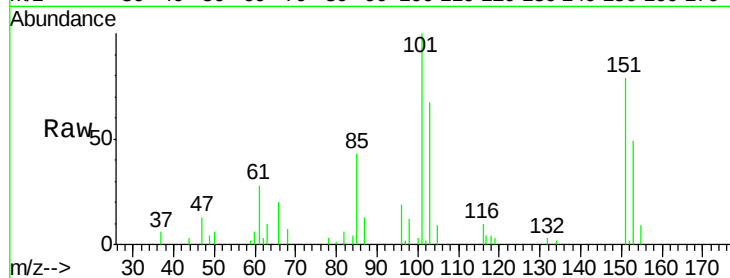
Tot Ion:101 Resp: 30121

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.6

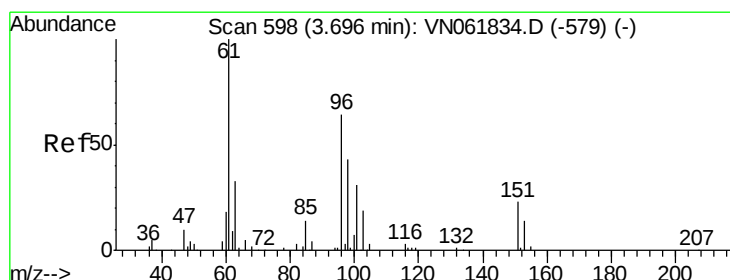
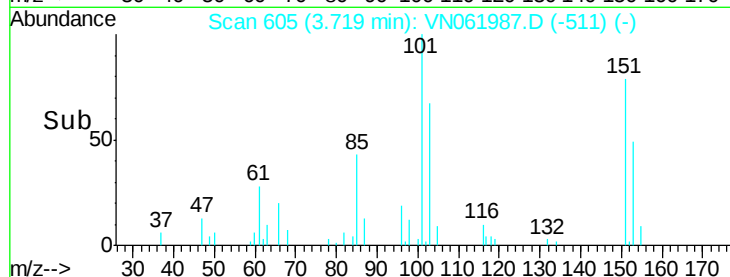
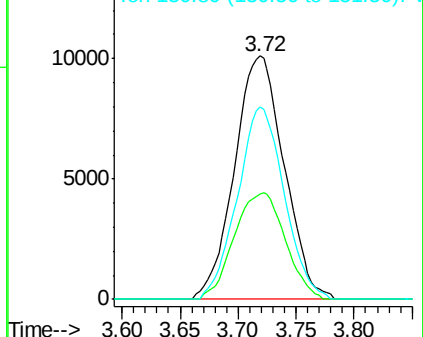
151 74.5 59.2 88.8



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: 8.301 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

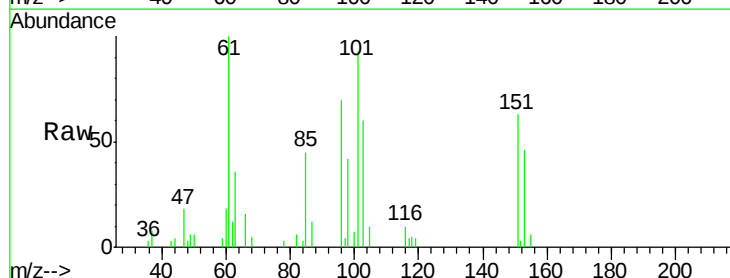
Tgt Ion: 96 Resp: 11411

Ion Ratio Lower Upper

96 100

61 143.5 124.3 186.5

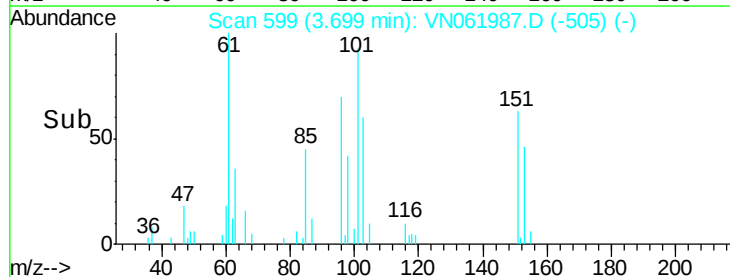
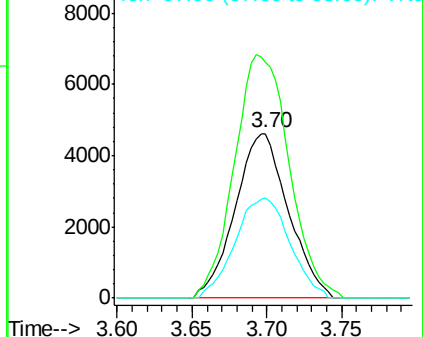
98 61.0 53.1 79.7

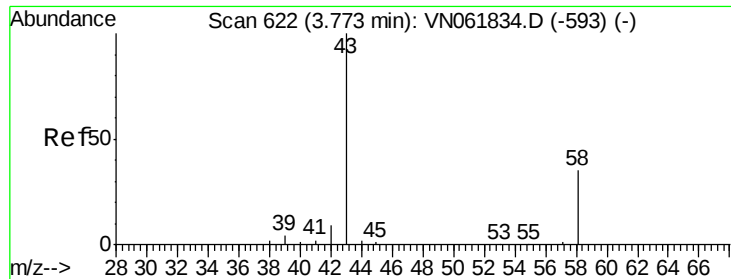


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#16

Acetone

Concen: 5.340 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

Instrument :

MSVOA_N

ClientSampleId :

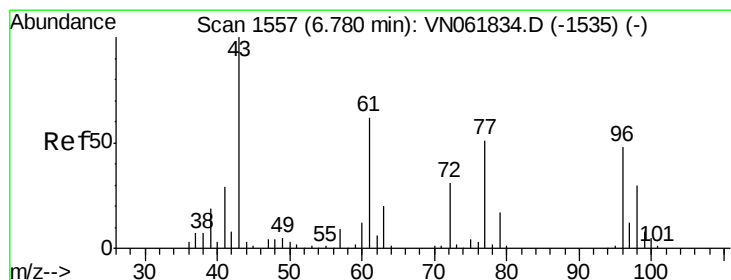
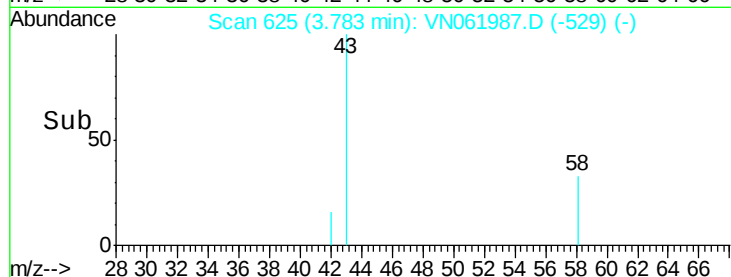
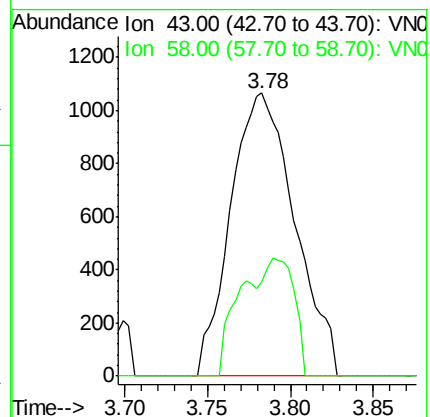
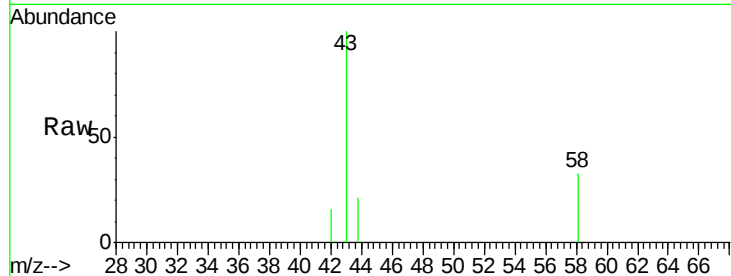
TT101D1-20200615

Tot Ion: 43 Resp: 2862

Ion Ratio Lower Upper

43 100

58 33.2 27.8 41.8



#27

cis-1,2-Dichloroethene

Concen: 2.334 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

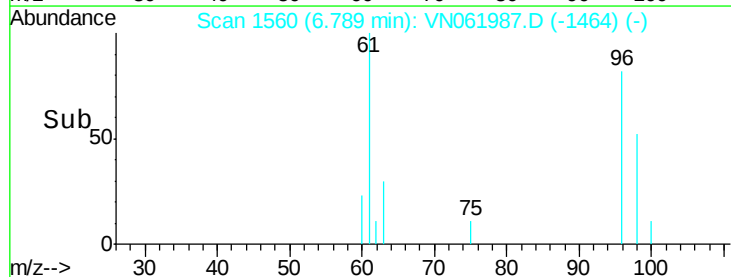
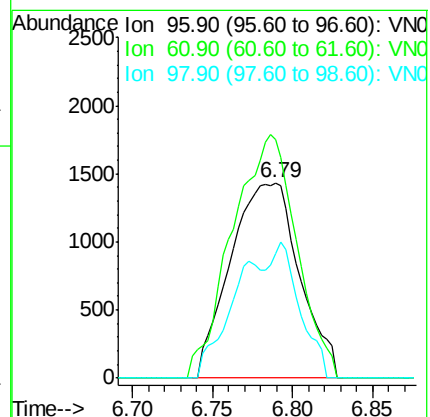
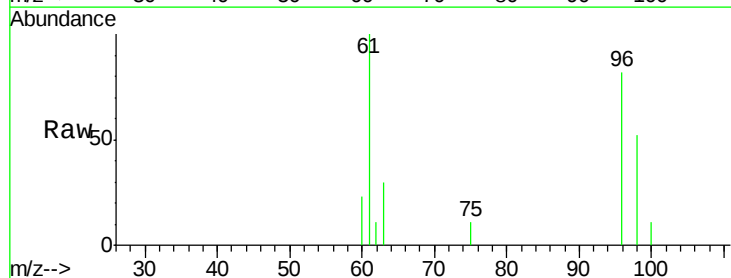
Tgt Ion: 96 Resp: 4253

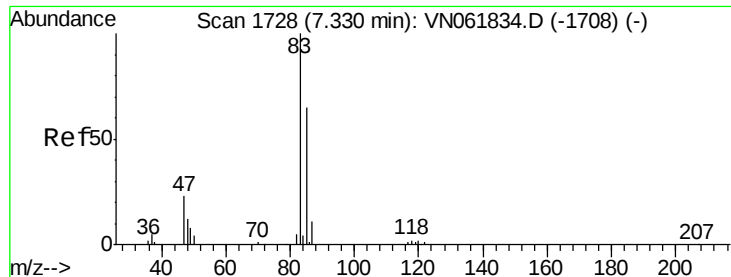
Ion Ratio Lower Upper

96 100

61 116.6 0.0 265.6

98 32.4 0.0 128.2

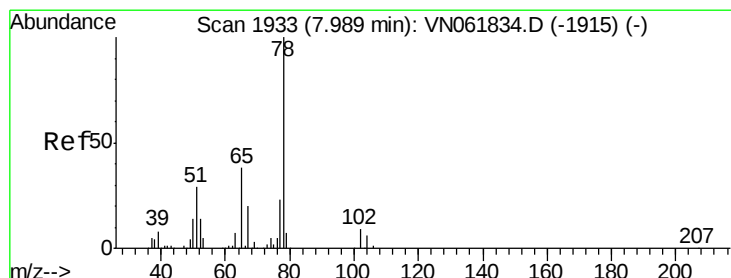
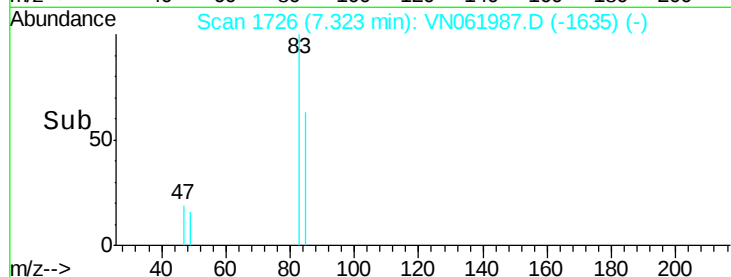
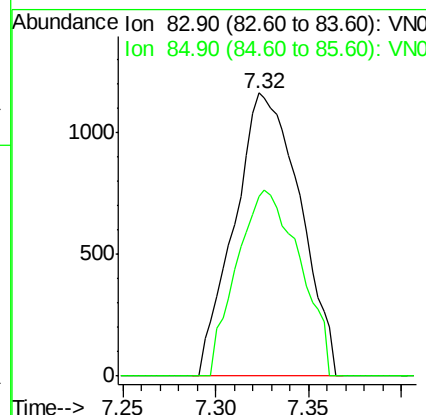
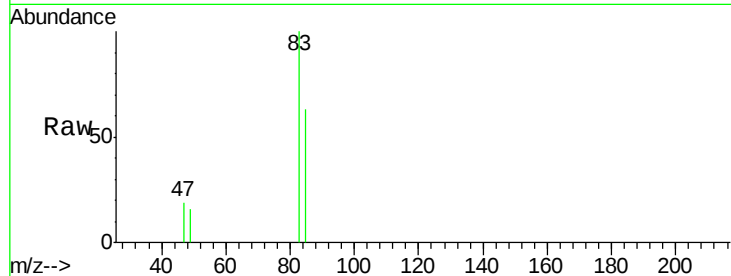




#30
Chloroform
Concen: 0.976 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061987.D
Acq: 20 Jun 2020 9:17

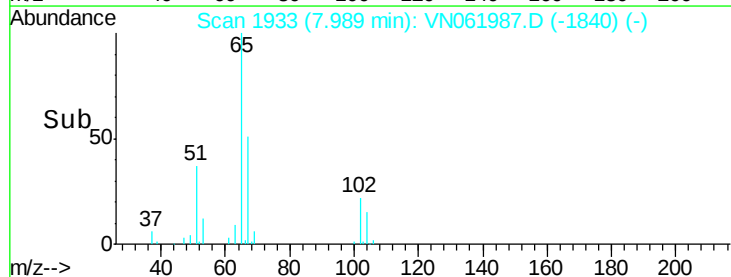
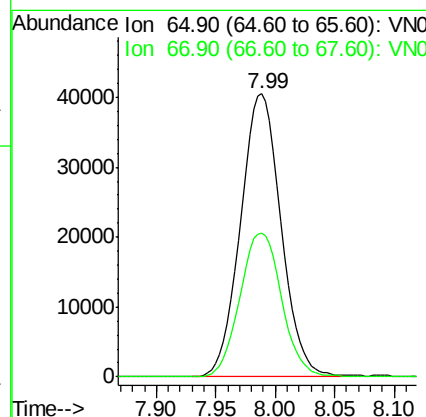
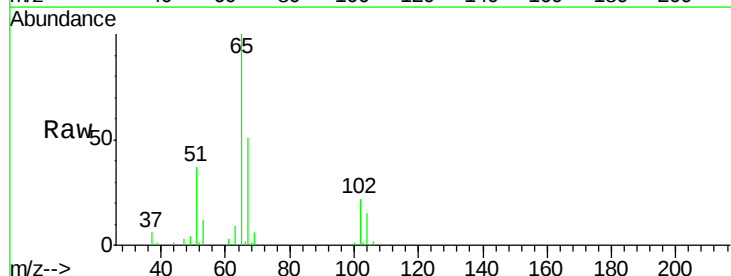
Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20200615

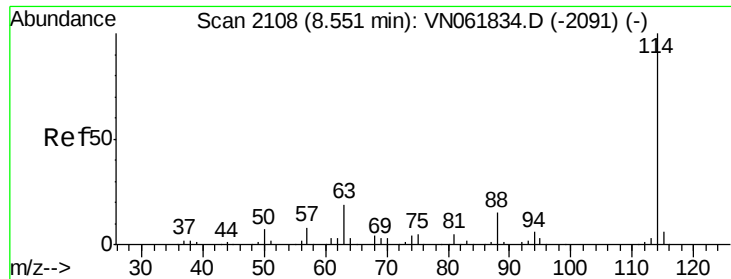
Tot Ion: 83 Resp: 2849
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 52.667 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061987.D
Acq: 20 Jun 2020 9:17

Tgt Ion: 65 Resp: 95569
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2

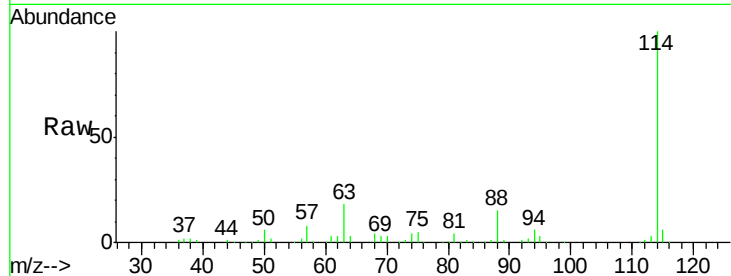




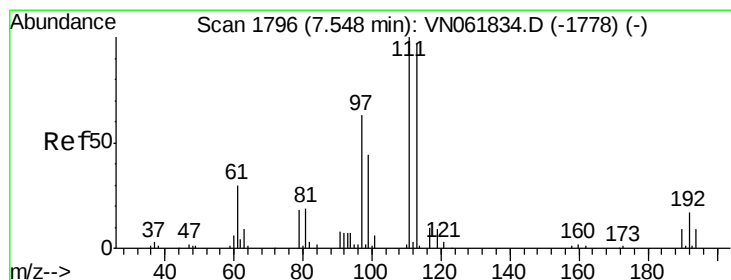
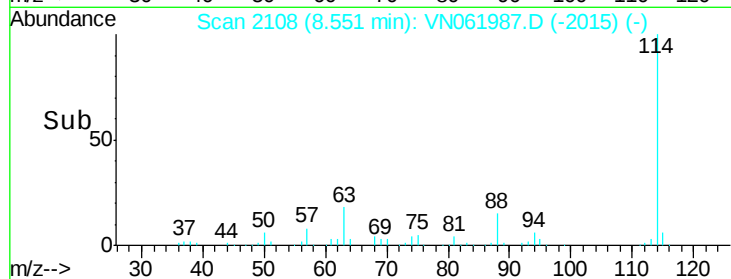
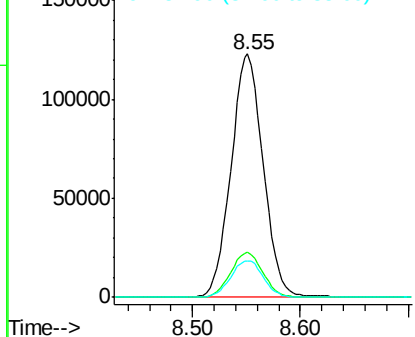
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061987.D
 Acq: 20 Jun 2020 9:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200615

Tot Ion:114 Resp: 255064
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.1 0.0 31.0

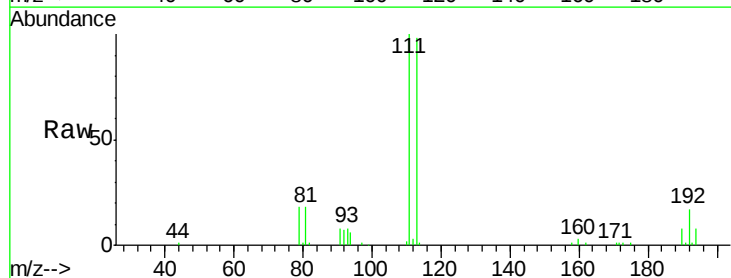


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

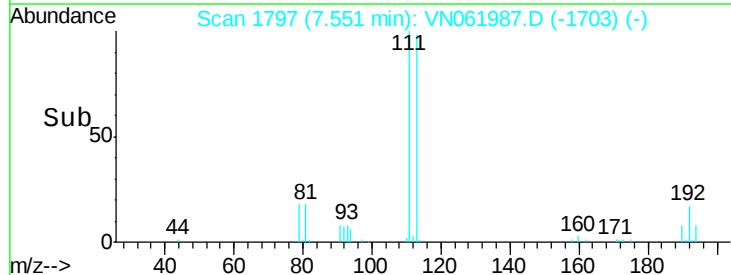
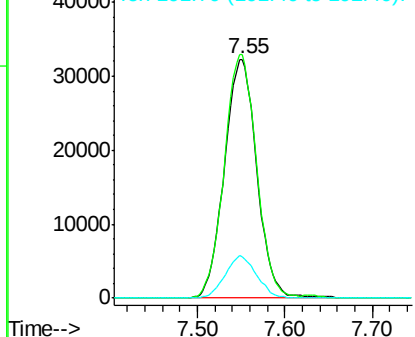


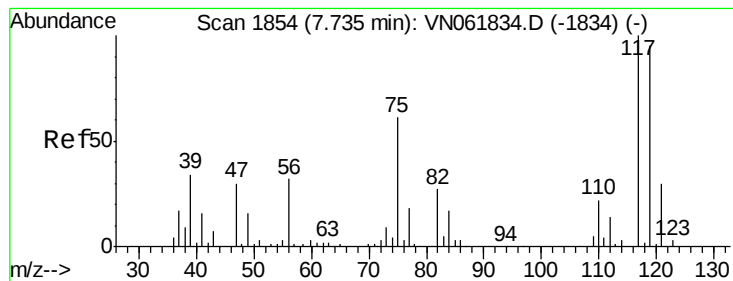
#35
 Dibromofluoromethane
 Concen: 50.717 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061987.D
 Acq: 20 Jun 2020 9:17

Tgt Ion:113 Resp: 82759
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.7 125.5
 192 17.2 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: 1.330 ug/l

RT: 7.74 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

Instrument :

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ClientSampleId :

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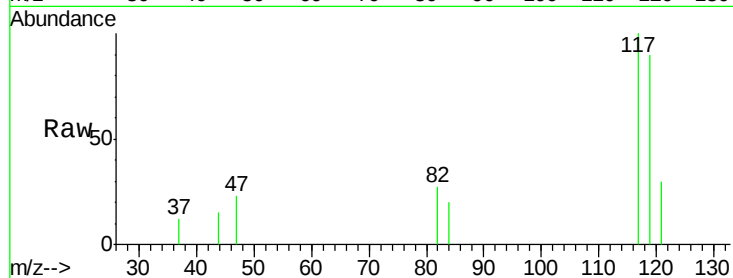
Tot Ion:117 Resp: 3065

Ion Ratio Lower Upper

117 100

119 89.9 75.8 113.6

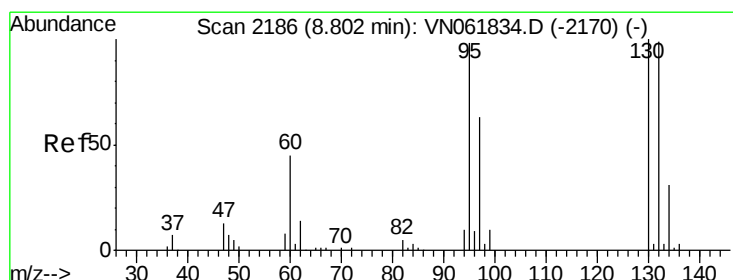
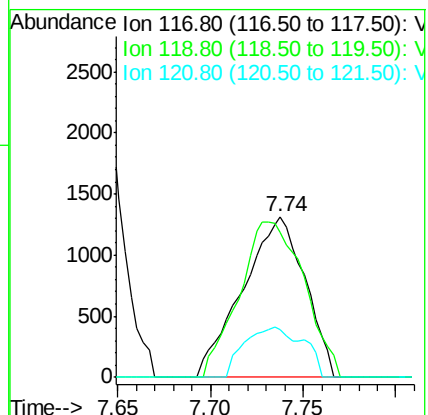
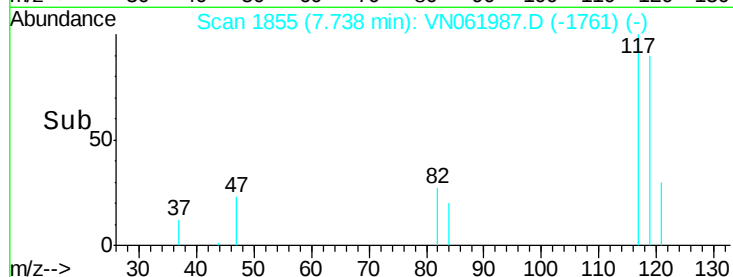
121 30.0 23.8 35.6



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: 275.439 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061987.D

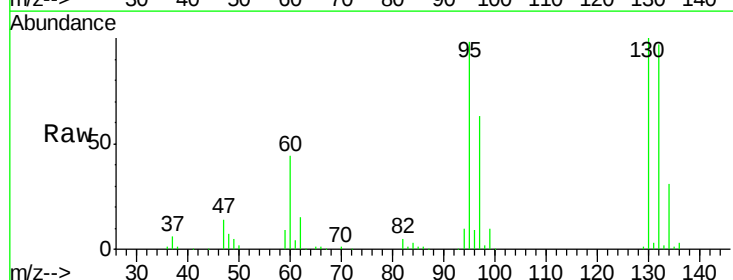
Acq: 20 Jun 2020 9:17

Tgt Ion:130 Resp: 510855

Ion Ratio Lower Upper

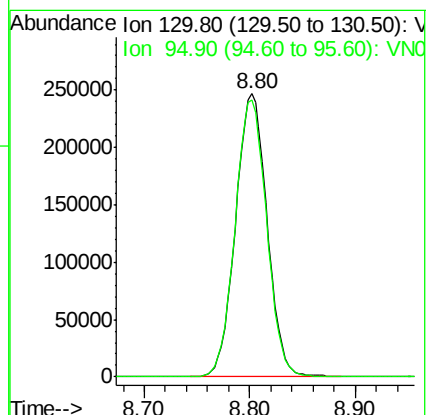
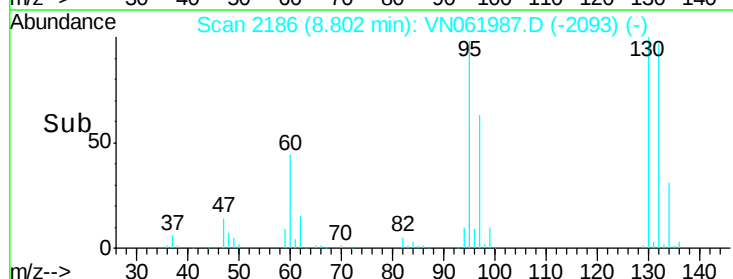
130 100

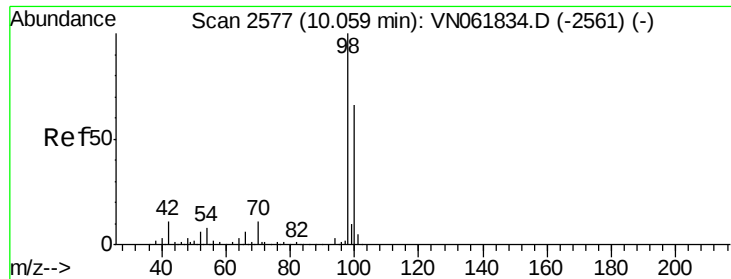
95 97.7 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 50.021 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

Instrument :

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ClientSampleId :

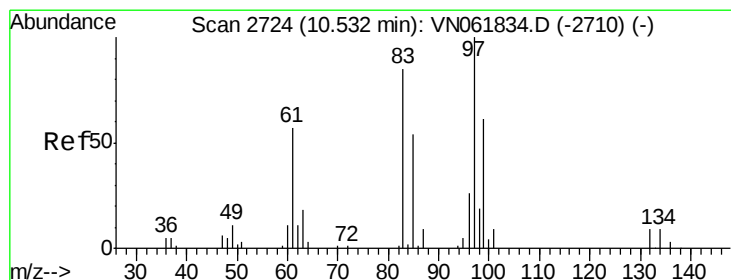
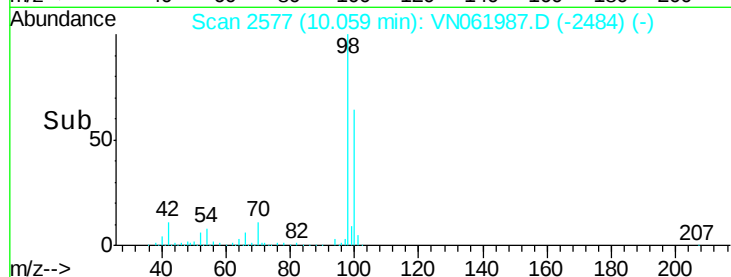
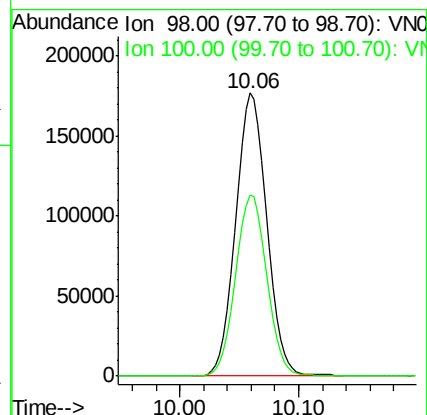
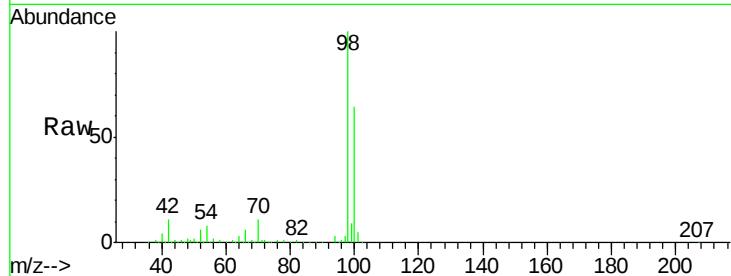
TT101D1-20200615

Tot Ion: 98 Resp: 320894

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#55

1,1,2-Trichloroethane

Concen: 0.597 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

Tgt Ion: 97 Resp: 1039

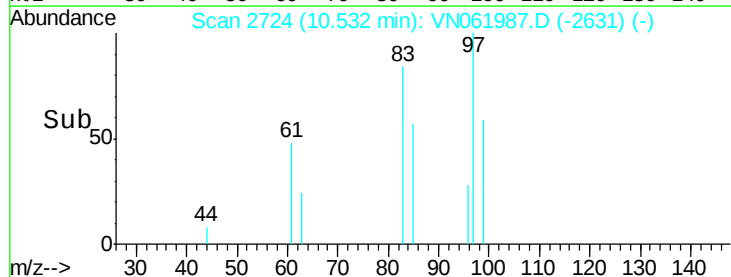
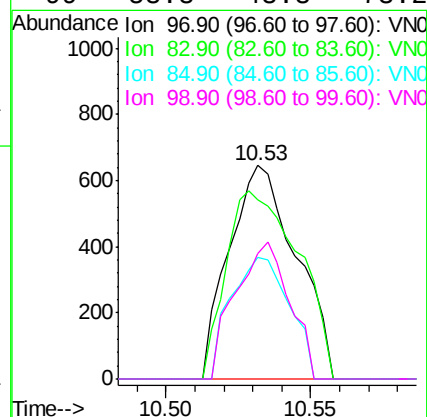
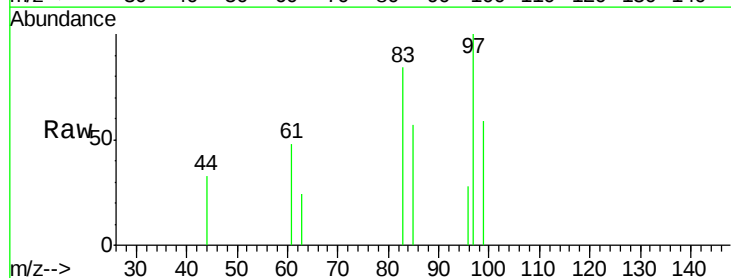
Ion Ratio Lower Upper

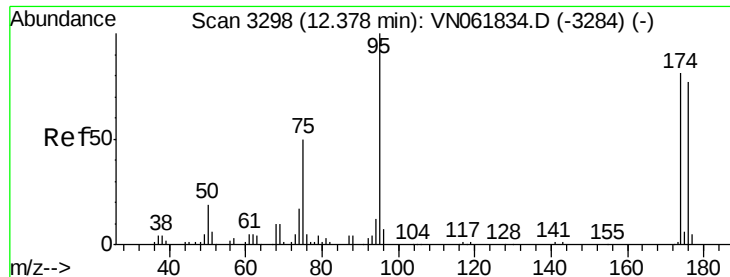
97 100

83 83.9 67.7 101.5

85 57.3 43.4 65.0

99 58.8 48.8 73.2

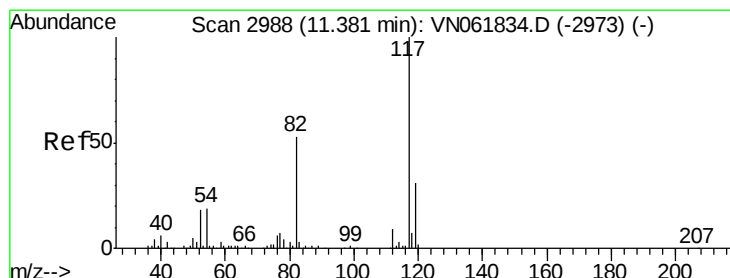
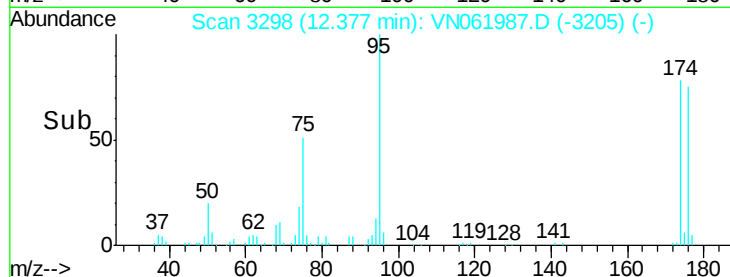
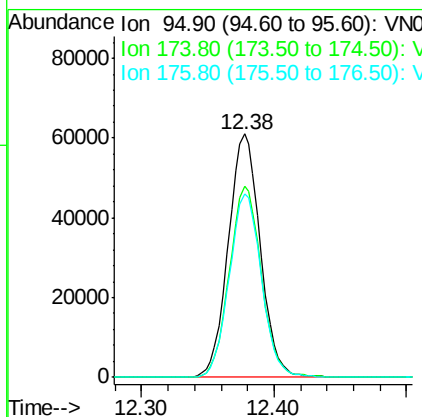
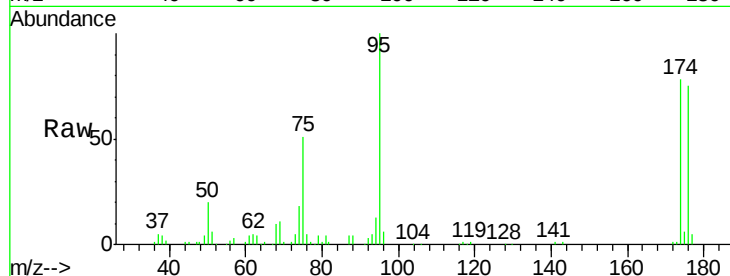




#62
 4-Bromofluorobenzene
 Concen: 46.547 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061987.D
 Acq: 20 Jun 2020 9:17

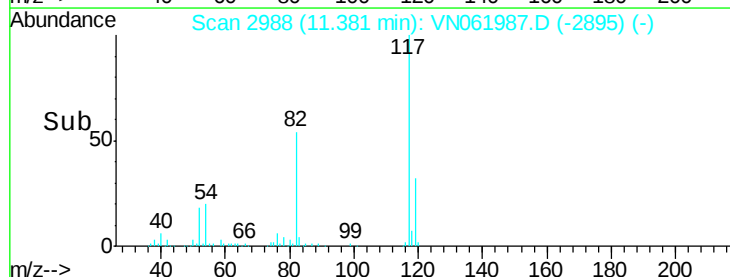
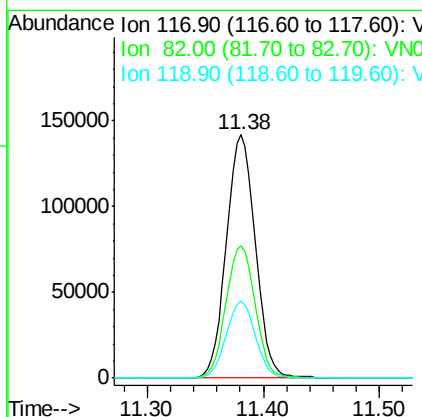
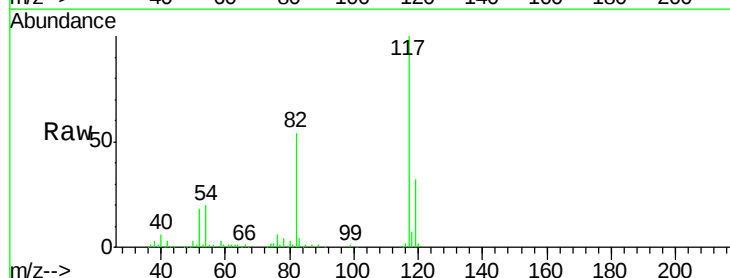
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200615

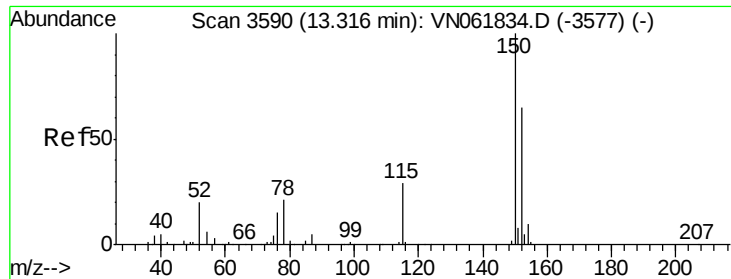
Tot Ion: 95 Resp: 102426
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 158.6
 176 75.8 0.0 152.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061987.D
 Acq: 20 Jun 2020 9:17

Tgt Ion: 117 Resp: 245027
 Ion Ratio Lower Upper
 117 100
 82 54.4 42.6 64.0
 119 31.6 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061987.D

Acq: 20 Jun 2020 9:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20200615

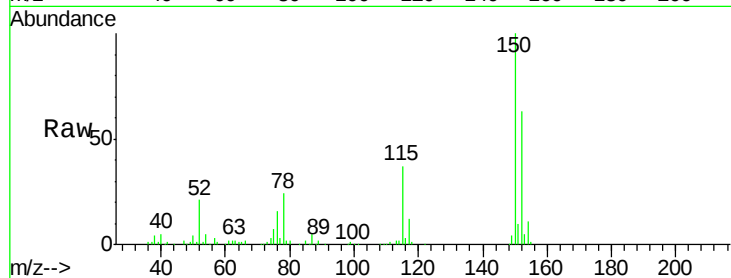
Tot Ion:152 Resp: 88487

Ion Ratio Lower Upper

152 100

115 60.5 29.1 87.3

150 161.7 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

