

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061985.D
 Acq On : 20 Jun 2020 8:28
 Operator : JC/MD
 Sample : L3043-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20200615

Quant Time: Jun 23 12:08:41 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	131523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	247724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89329	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	92121	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
35) Dibromofluoromethane	7.55	113	80611	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
50) Toluene-d8	10.06	98	314343	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.38	95	102198	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

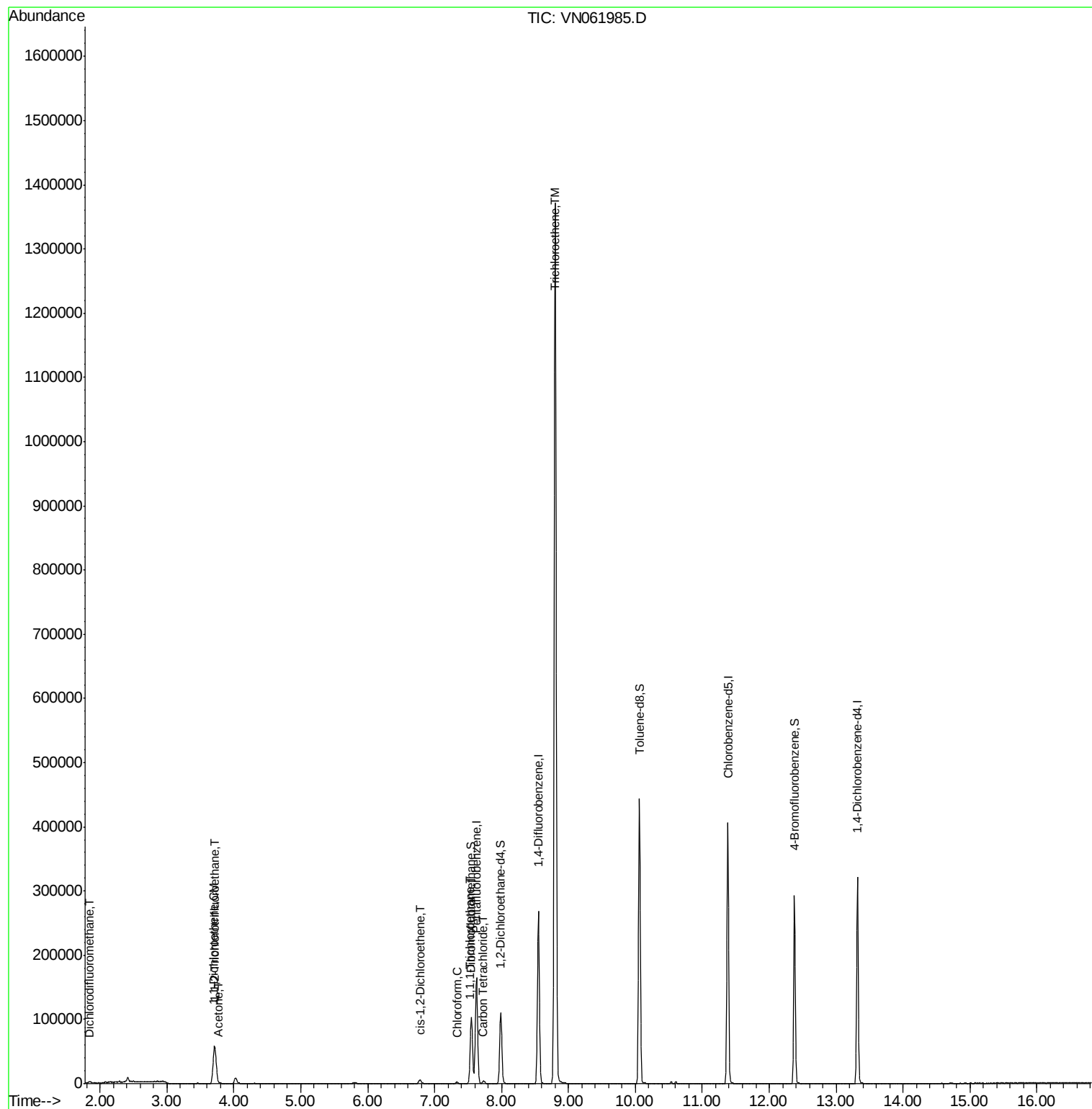
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	1767	1.318	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29868	22.395	ug/l	98
12) 1,1-Dichloroethene	3.69	96	11770	8.808	ug/l	94
16) Acetone	3.78	43	2807	5.387	ug/l #	87
27) cis-1,2-Dichloroethene	6.79	96	4252	2.401	ug/l	89
30) Chloroform	7.33	83	2960	1.043	ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	1702	0.704	ug/l #	42
38) Carbon Tetrachloride	7.73	117	3346	1.495	ug/l	93
44) Trichloroethene	8.80	130	509428	282.808	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061985.D

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ClientSampleId :

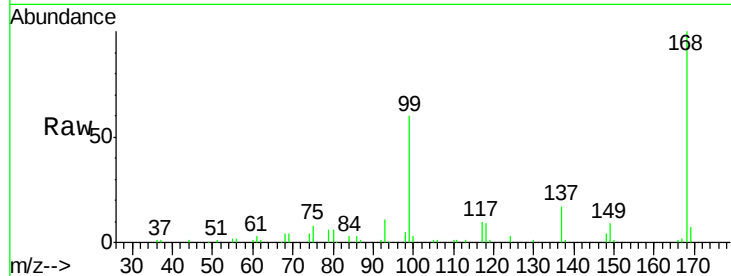
DUP05-20200615

Tot Ion:168 Resp: 131523

Ion Ratio Lower Upper

168 100

99 59.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

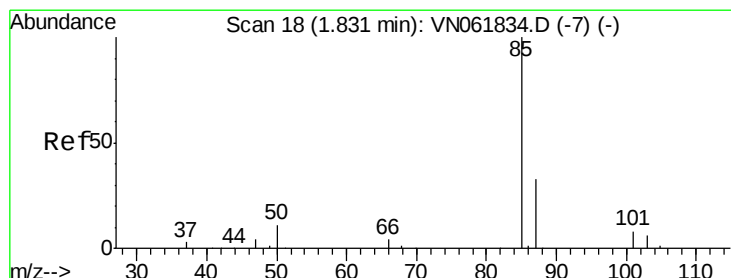
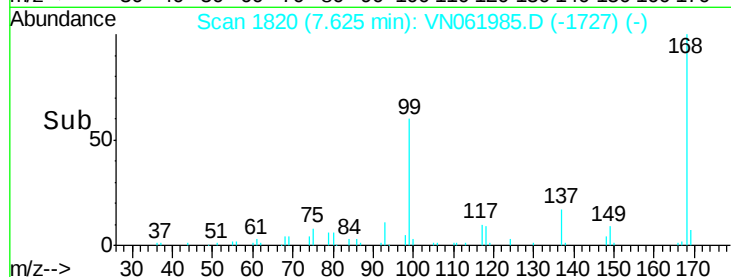
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.318 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN061985.D

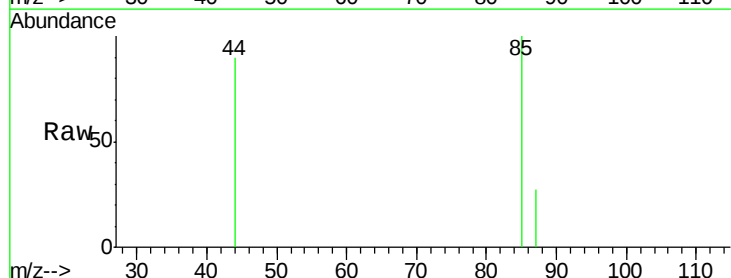
Acq: 20 Jun 2020 8:28

Tgt Ion: 85 Resp: 1767

Ion Ratio Lower Upper

85 100

87 26.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

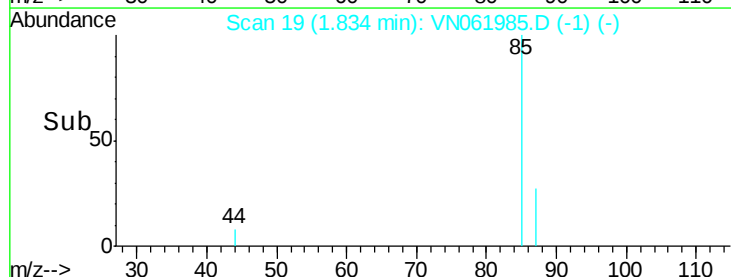
1.83

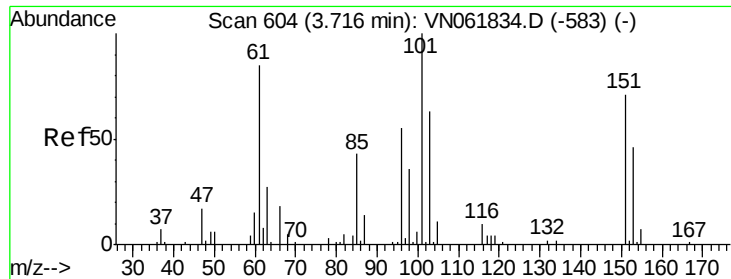
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.395 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

Instrument :

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ClientSampleId :

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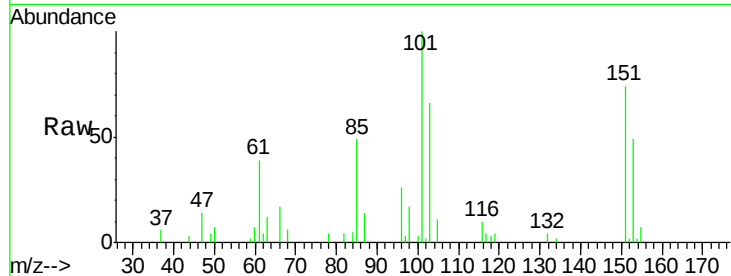
Tot Ion:101 Resp: 29868

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.6

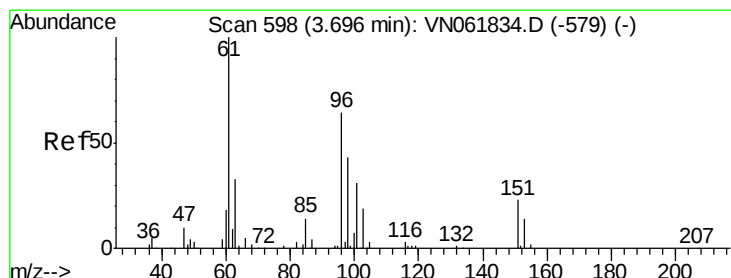
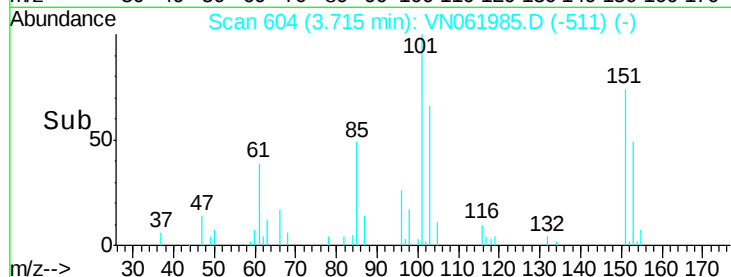
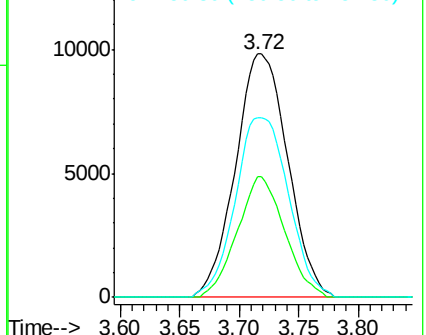
151 75.2 59.2 88.8



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: 8.808 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

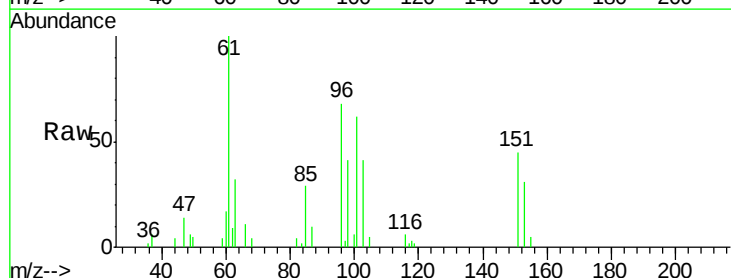
Tgt Ion: 96 Resp: 11770

Ion Ratio Lower Upper

96 100

61 147.6 124.3 186.5

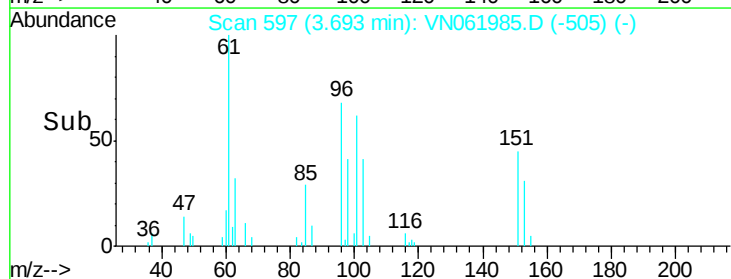
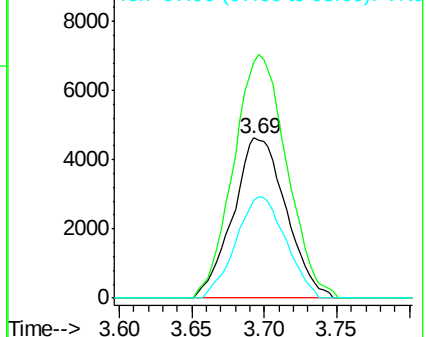
98 61.2 53.1 79.7

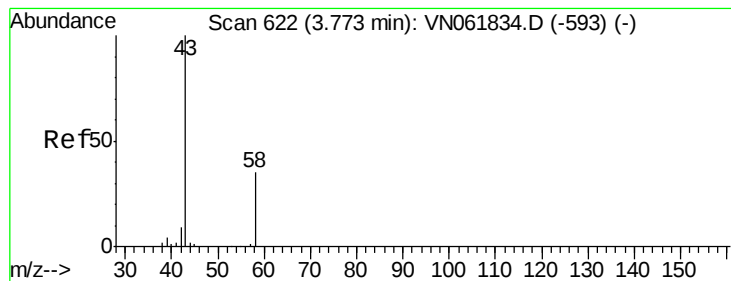


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#16

Acetone

Concen: 5.387 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

Instrument :

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ClientSampleId :

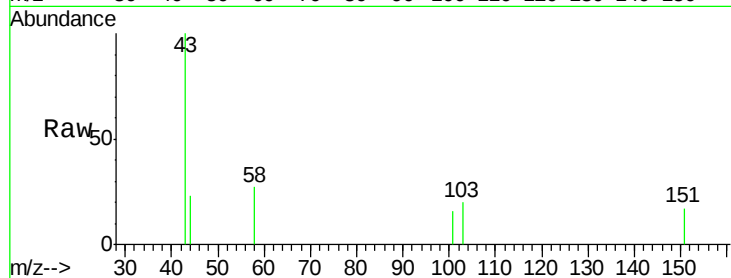
DUP05-20200615

Tot Ion: 43 Resp: 2807

Ion Ratio Lower Upper

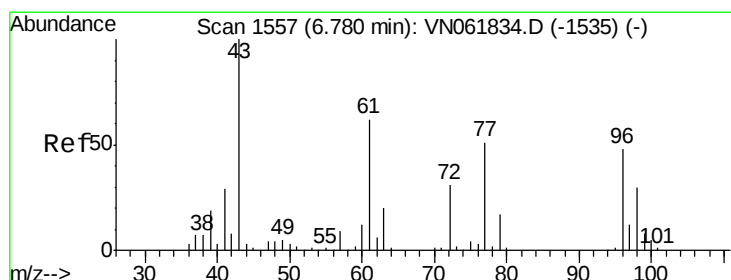
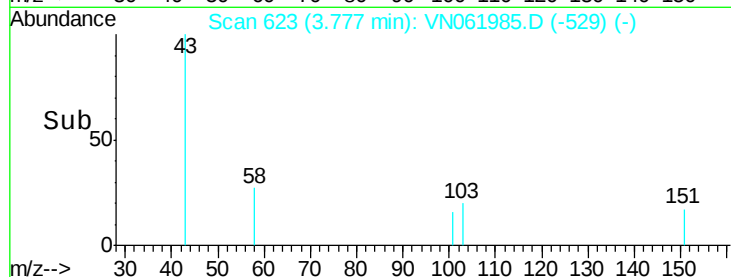
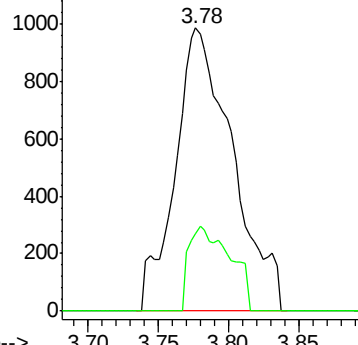
43 100

58 27.2 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 2.401 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

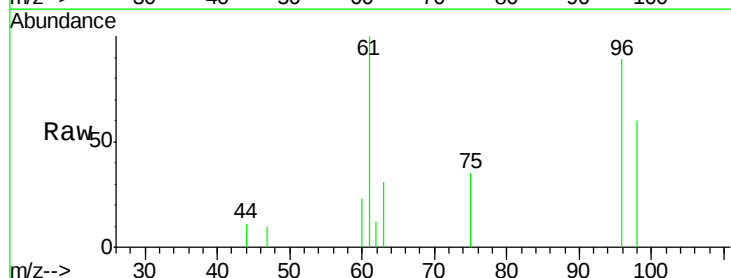
Tgt Ion: 96 Resp: 4252

Ion Ratio Lower Upper

96 100

61 113.7 0.0 265.6

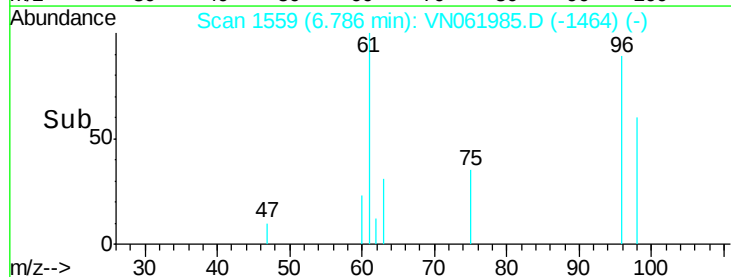
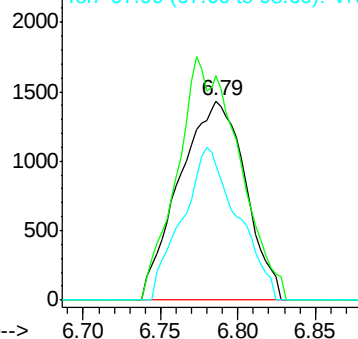
98 64.4 0.0 128.2

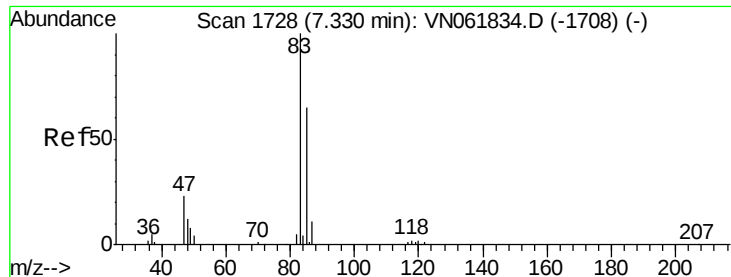


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

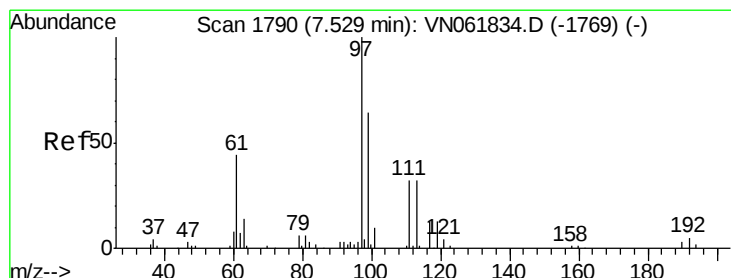
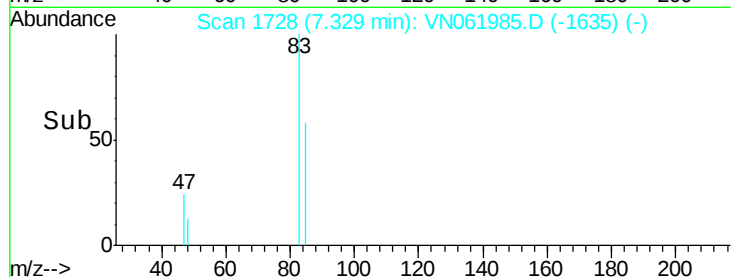
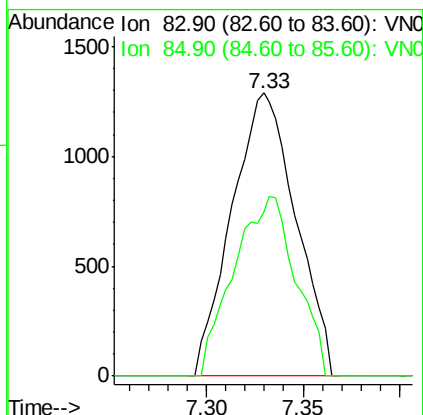
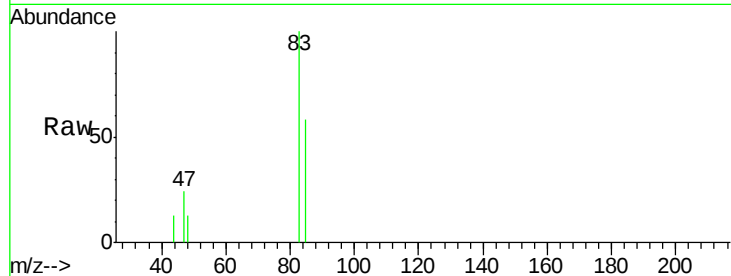




#30
Chloroform
Concen: 1.043 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

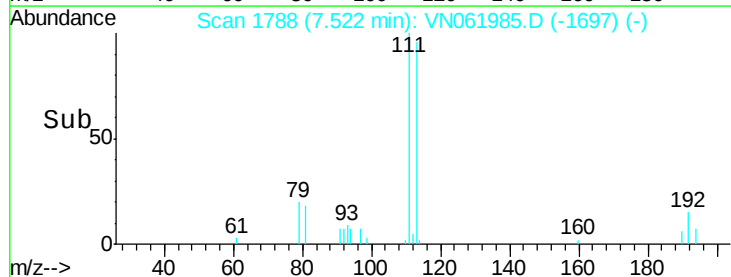
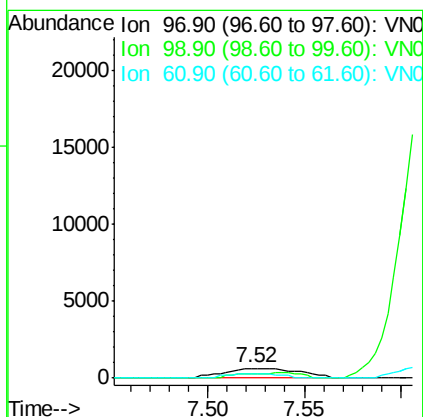
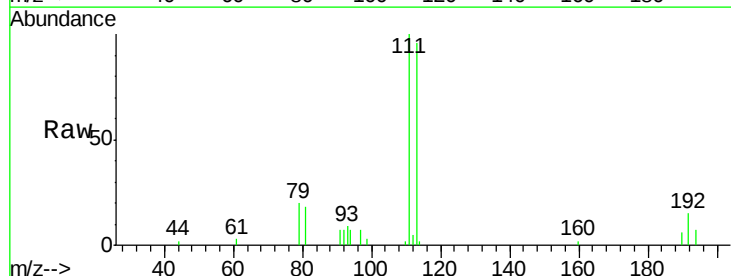
Instrument :
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DUP05-20200615

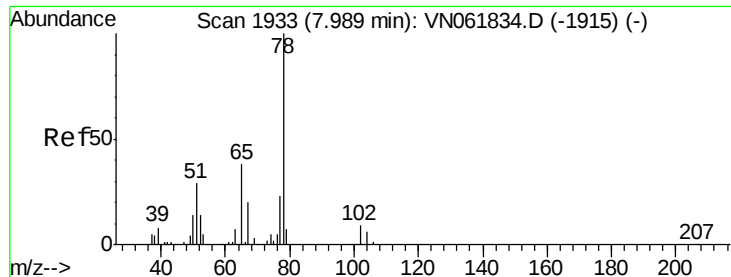
Tot Ion: 83 Resp: 2960
Ion Ratio Lower Upper
83 100
85 58.1 52.0 78.0



#32
1,1,1-Trichloroethane
Concen: 0.704 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 97 Resp: 1702
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 29.7 35.1 52.7#

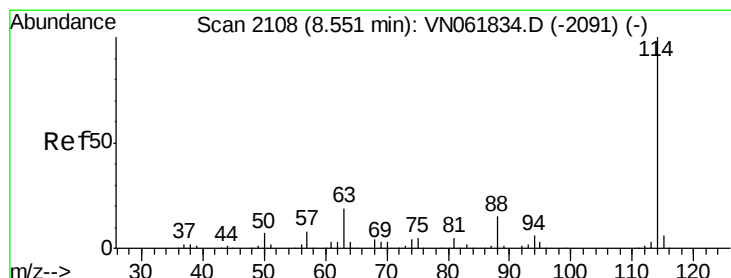
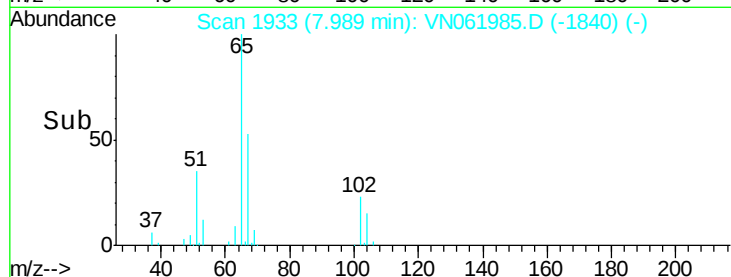
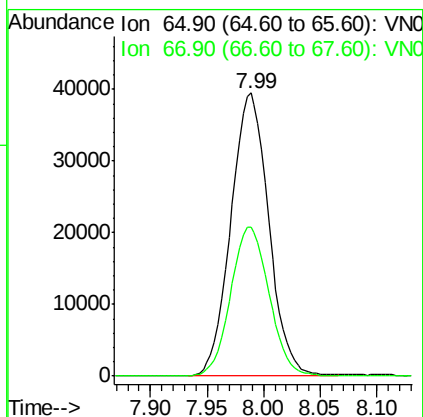
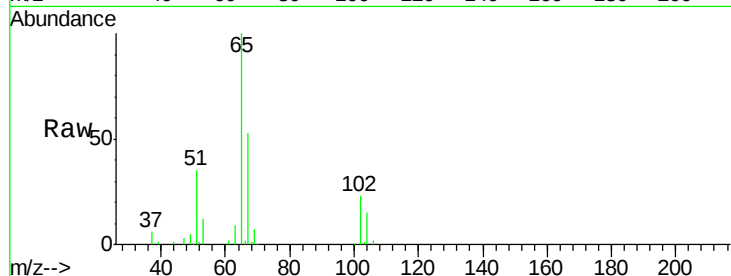




#33
 1,2-Dichloroethane-d4
 Concen: 52.225 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061985.D
 Acq: 20 Jun 2020 8:28

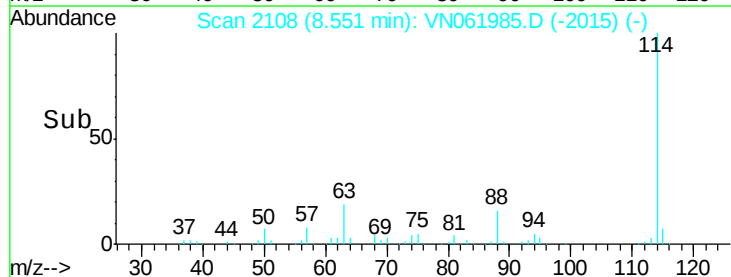
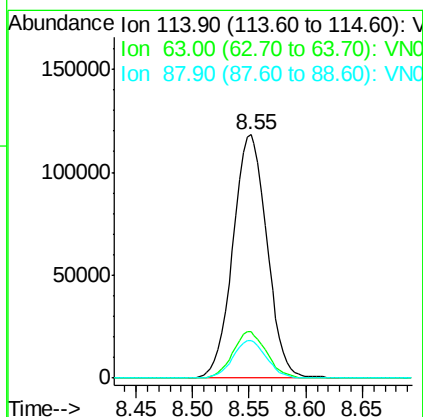
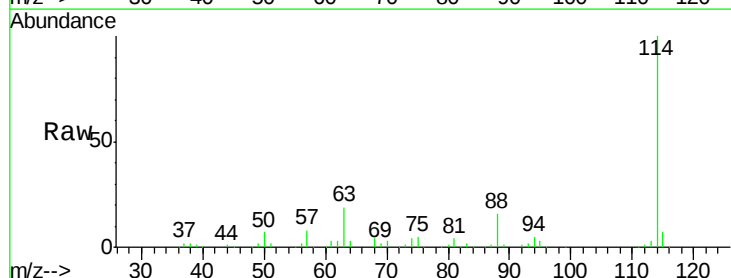
Instrument :
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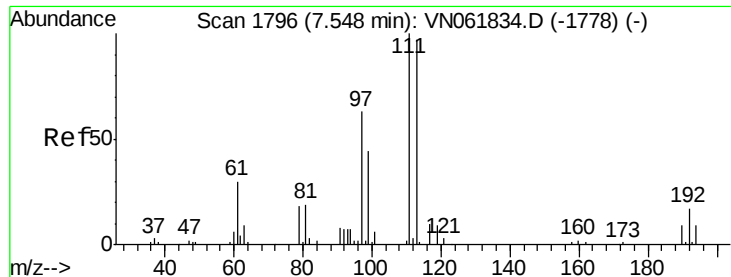
Tot Ion: 65 Resp: 92121
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061985.D
 Acq: 20 Jun 2020 8:28

Tgt Ion: 114 Resp: 247724
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.6
 88 15.7 0.0 31.0

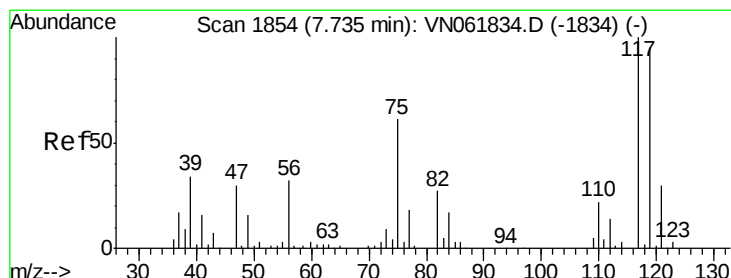
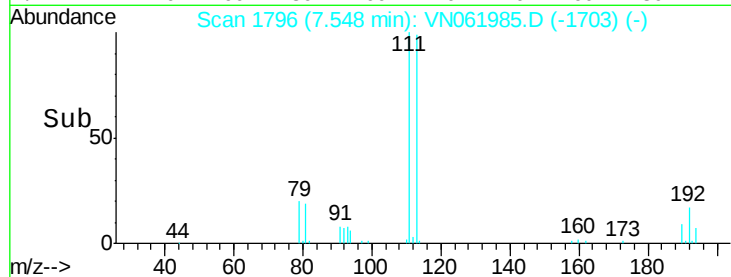
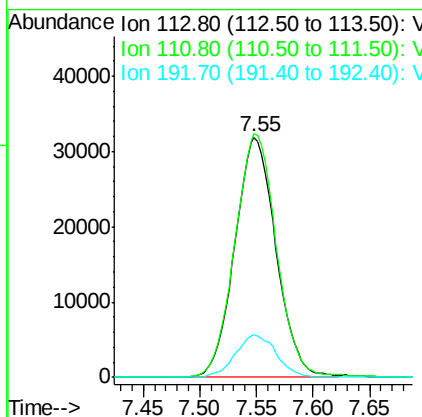
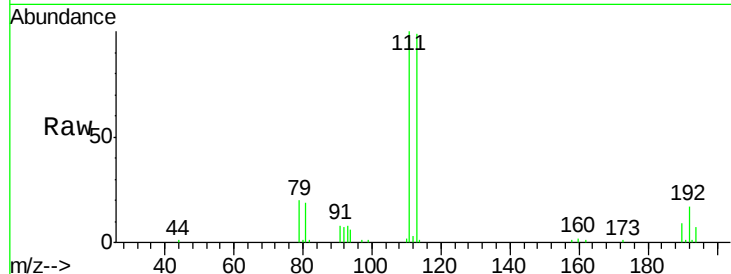




#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

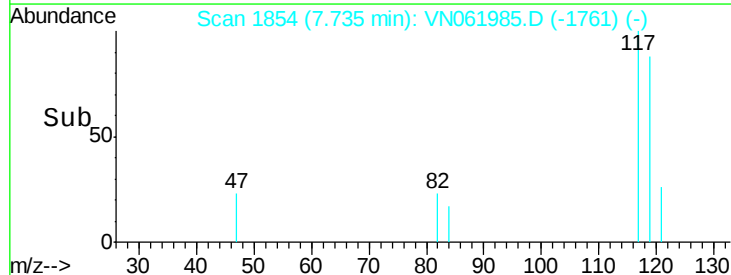
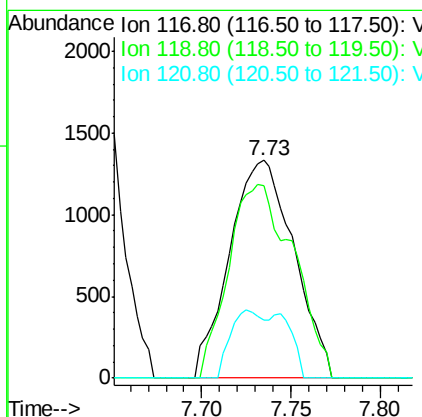
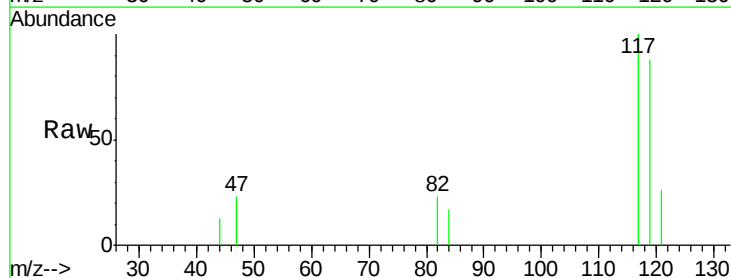
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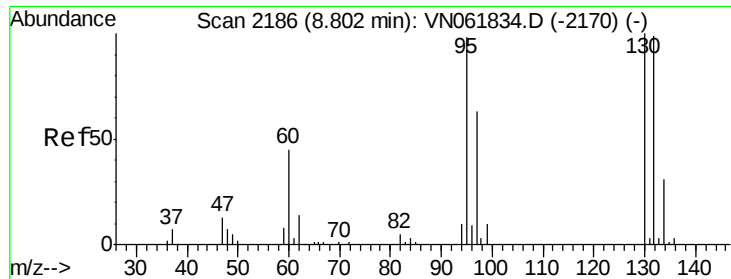
Tot Ion:113 Resp: 80611
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 17.5 13.9 20.9



#38
Carbon Tetrachloride
Concen: 1.495 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:117 Resp: 3346
Ion Ratio Lower Upper
117 100
119 88.1 75.8 113.6
121 26.5 23.8 35.6





#44

Trichloroethene

Concen: 282.808 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

Instrument :

MSVOA_N

ClientSampleId :

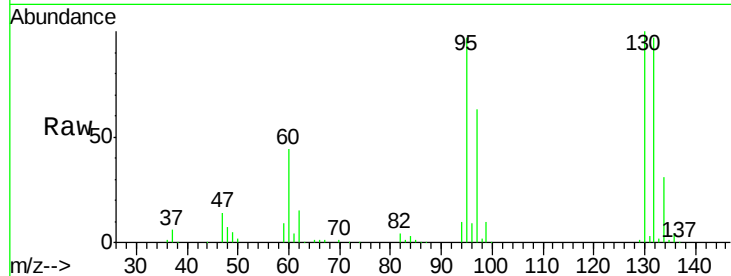
DUP05-20200615

Tot Ion:130 Resp: 509428

Ion Ratio Lower Upper

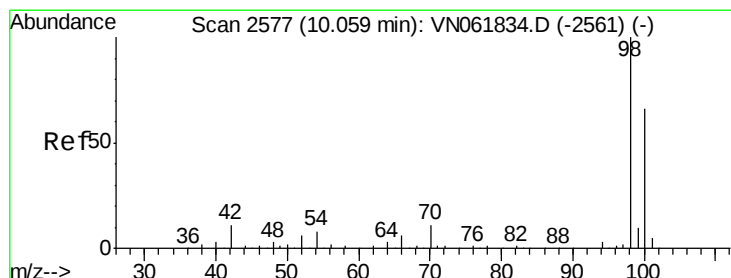
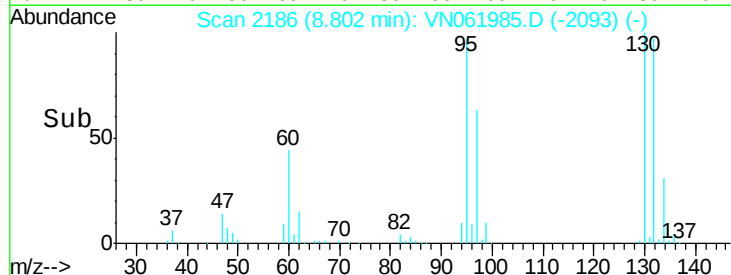
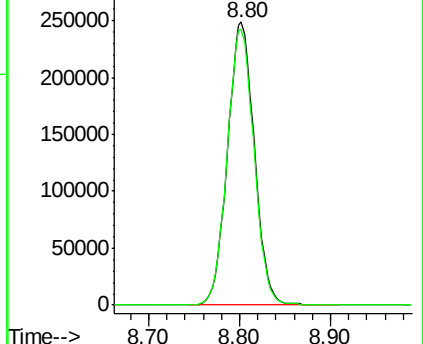
130 100

95 97.3 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: 50.452 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061985.D

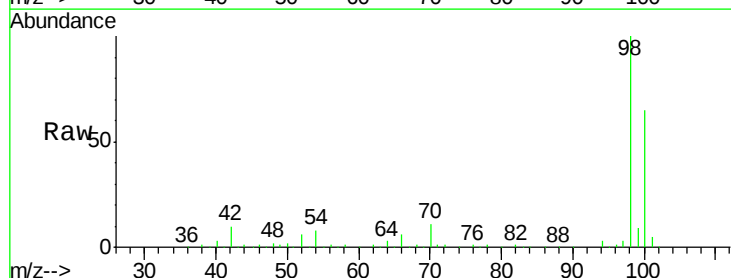
Acq: 20 Jun 2020 8:28

Tgt Ion: 98 Resp: 314343

Ion Ratio Lower Upper

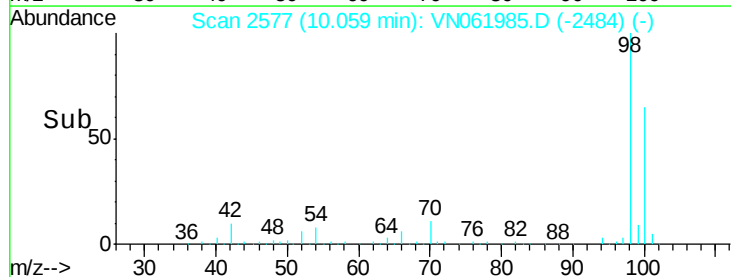
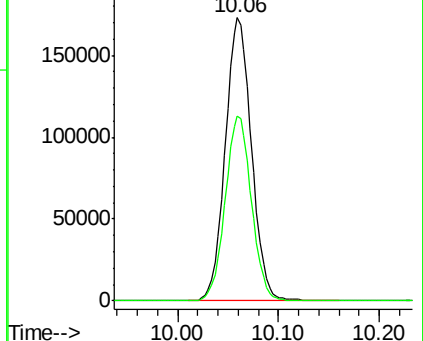
98 100

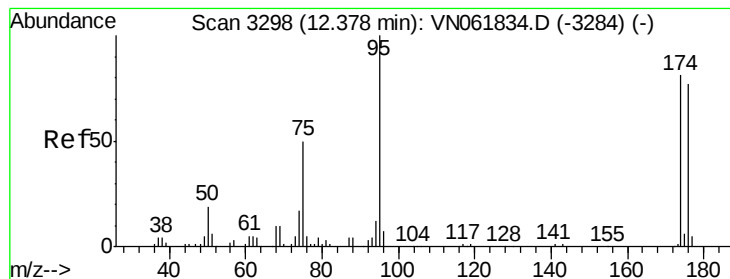
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.819 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

Instrument :

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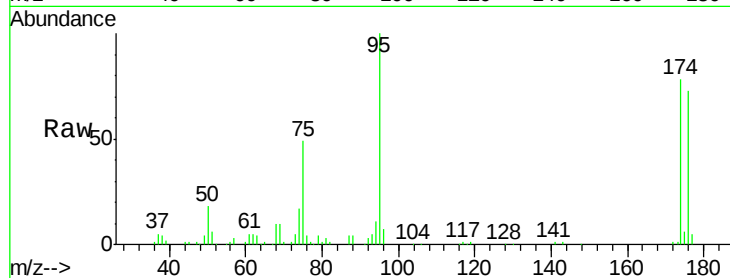
Tot Ion: 95 Resp: 102198

Ion Ratio Lower Upper

95 100

174 77.9 0.0 158.6

176 73.9 0.0 152.0

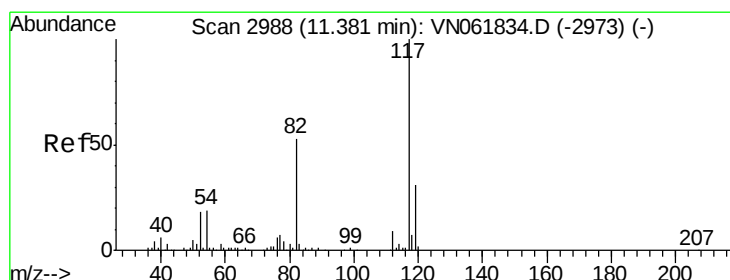
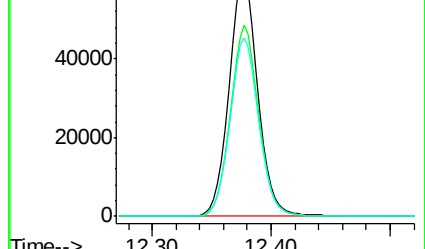
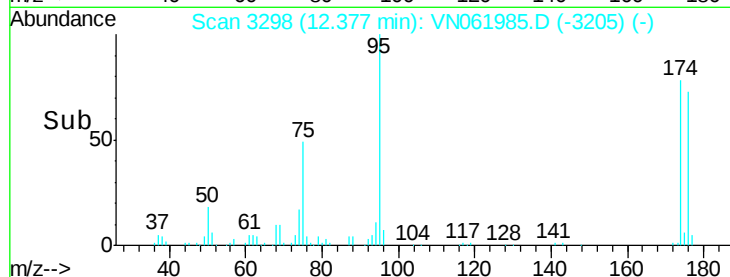


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

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

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

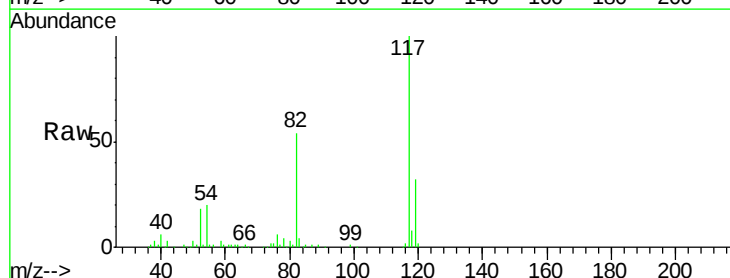
Tgt Ion: 117 Resp: 238826

Ion Ratio Lower Upper

117 100

82 54.1 42.6 64.0

119 31.7 24.7 37.1

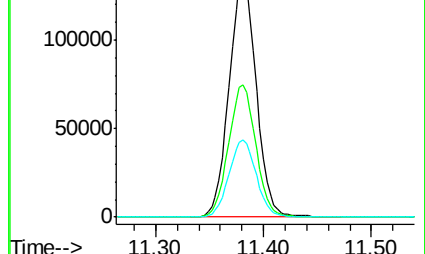
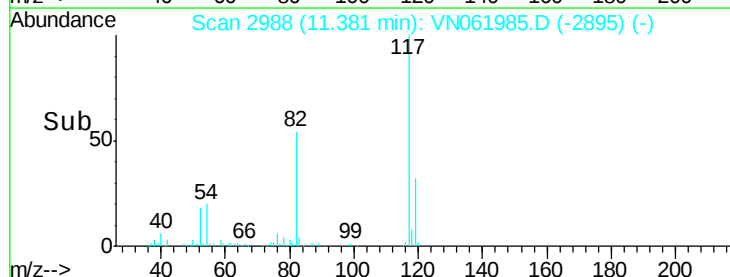


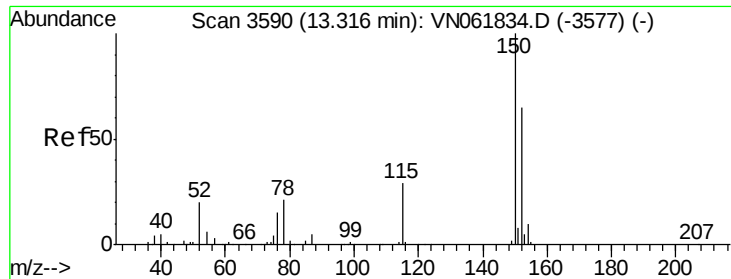
Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

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

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

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061985.D

Acq: 20 Jun 2020 8:28

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200615

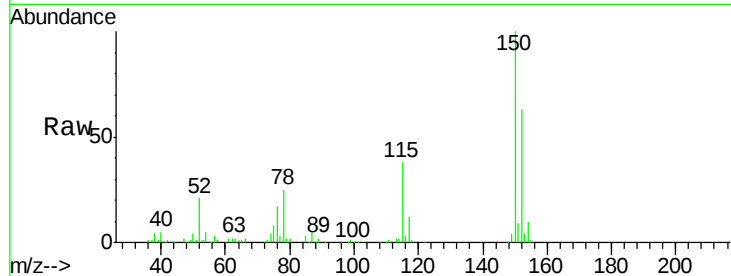
Tot Ion:152 Resp: 89329

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 156.4 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

