

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061984.D
 Acq On : 20 Jun 2020 8:04
 Operator : JC/MD
 Sample : L3043-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20200612

Quant Time: Jun 23 12:07:29 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

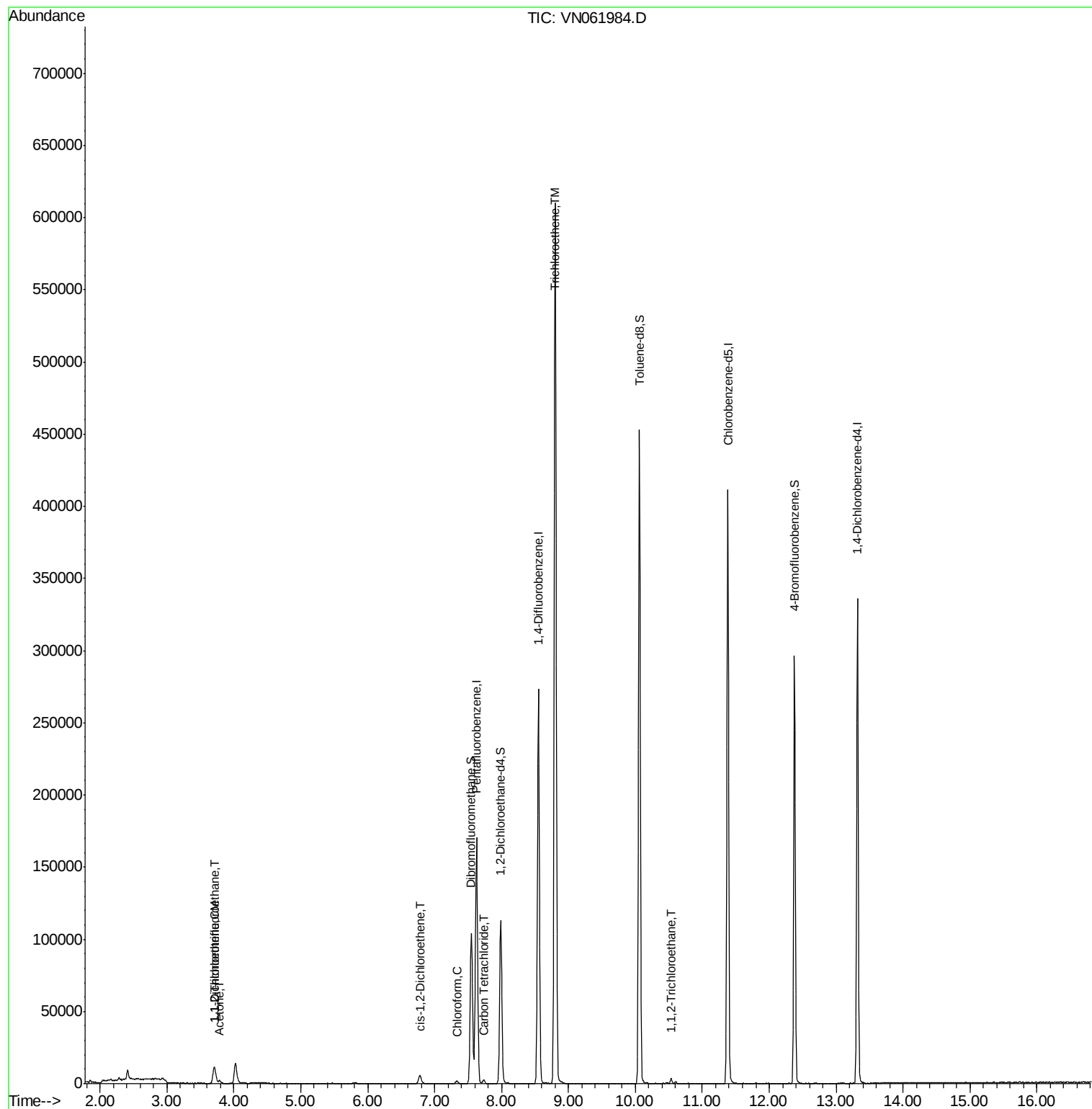
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	136333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	253024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95043	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	7.55	113	81900	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.06	98	320389	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.38	95	103218	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4922	3.560	ug/l	97
12) 1,1-Dichloroethene	3.70	96	3501	2.527	ug/l	99
16) Acetone	3.79	43	3381	6.260	ug/l #	82
27) cis-1,2-Dichloroethene	6.78	96	2550	1.389	ug/l	84
30) Chloroform	7.33	83	2135	0.726	ug/l #	83
38) Carbon Tetrachloride	7.73	117	2160	0.945	ug/l	89
44) Trichloroethene	8.80	130	229389	124.677	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	1505	0.871	ug/l #	94

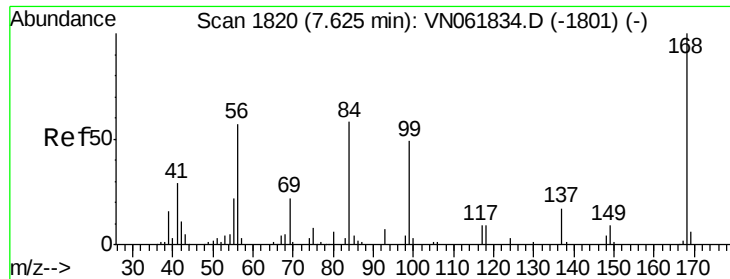
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061984.D

Acq: 20 Jun 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

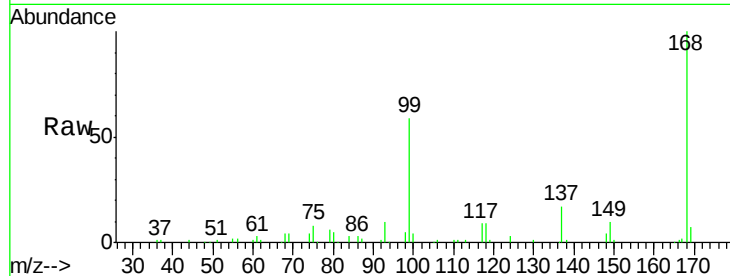
RE139D1-20200612

Tot Ion:168 Resp: 136333

Ion Ratio Lower Upper

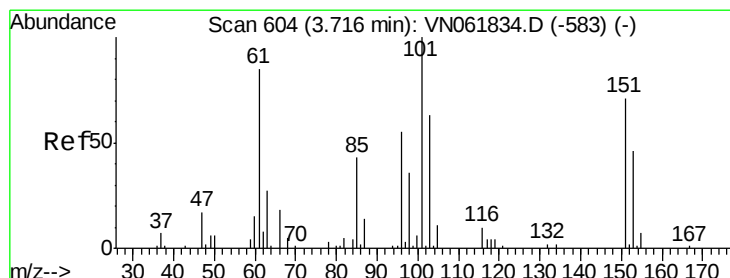
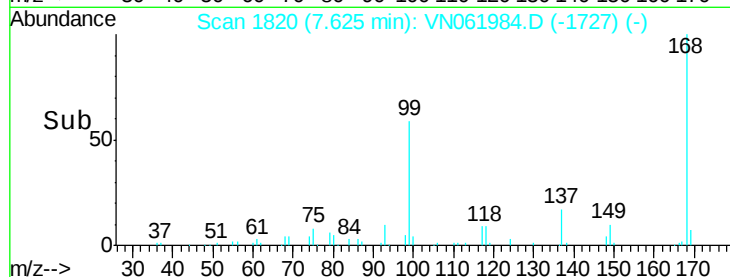
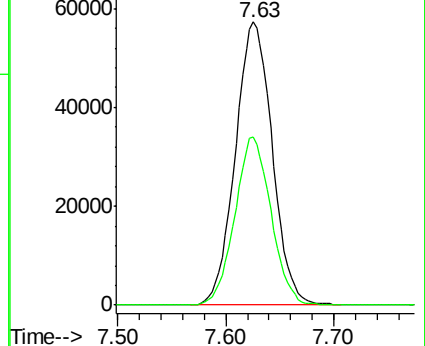
168 100

99 59.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.560 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN061984.D

Acq: 20 Jun 2020 8:04

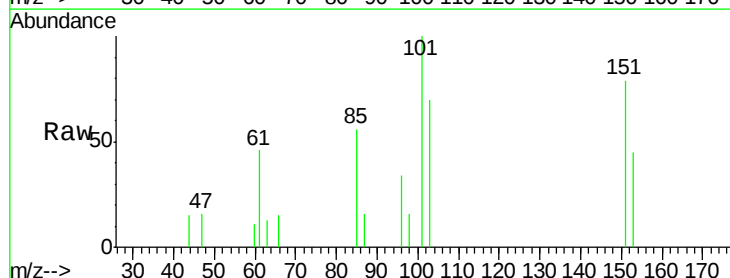
Tgt Ion:101 Resp: 4922

Ion Ratio Lower Upper

101 100

85 46.7 35.0 52.6

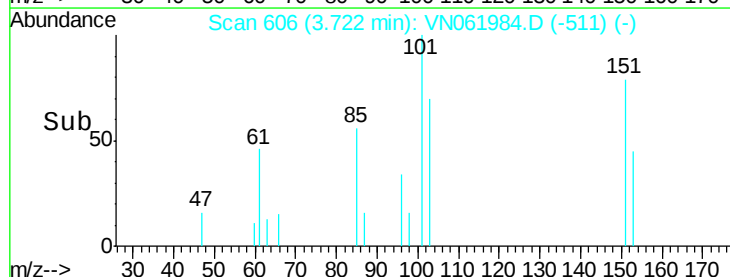
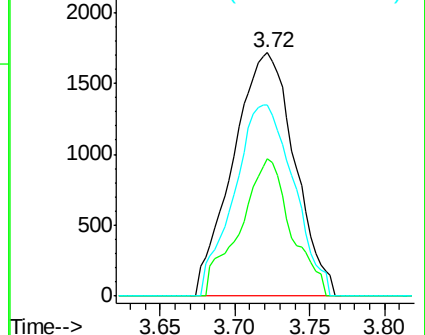
151 76.1 59.2 88.8

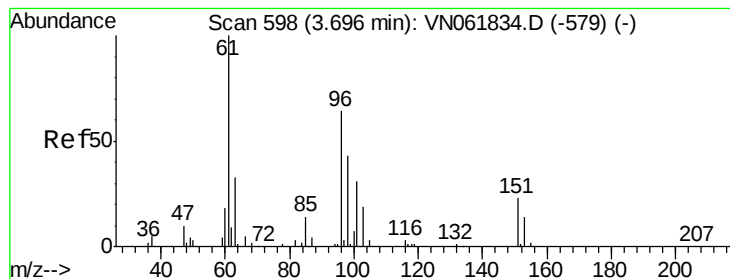


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 2.527 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN061984.D

Acq: 20 Jun 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20200612

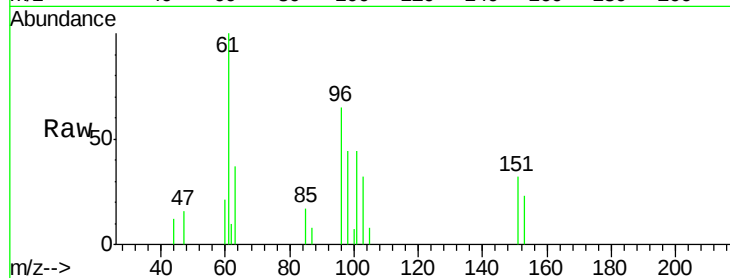
Tot Ion: 96 Resp: 3501

Ion Ratio Lower Upper

96 100

61 153.6 124.3 186.5

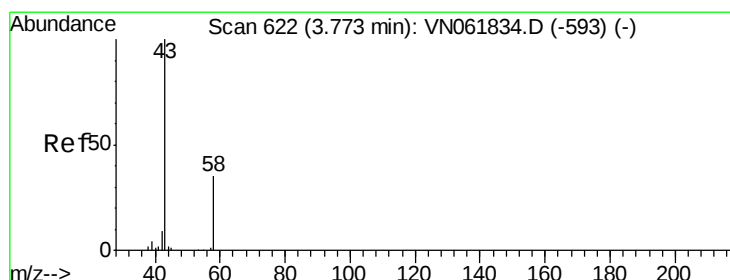
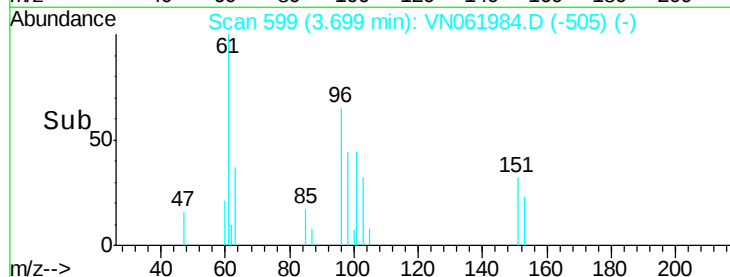
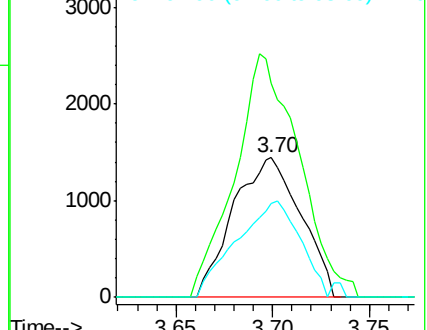
98 67.3 53.1 79.7



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: 6.260 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061984.D

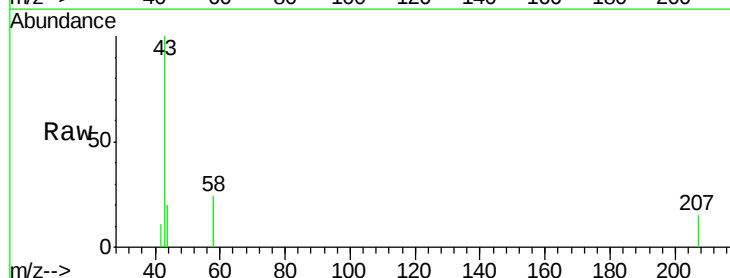
Acq: 20 Jun 2020 8:04

Tgt Ion: 43 Resp: 3381

Ion Ratio Lower Upper

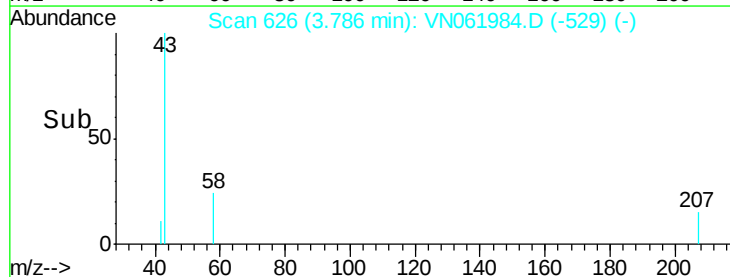
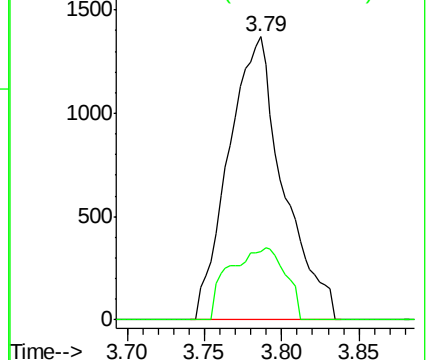
43 100

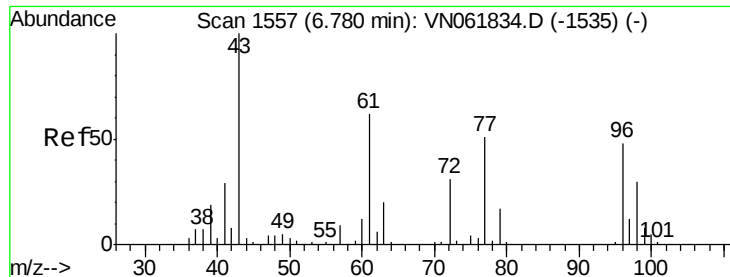
58 24.2 27.8 41.8#



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: 1.389 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061984.D

Acq: 20 Jun 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20200612

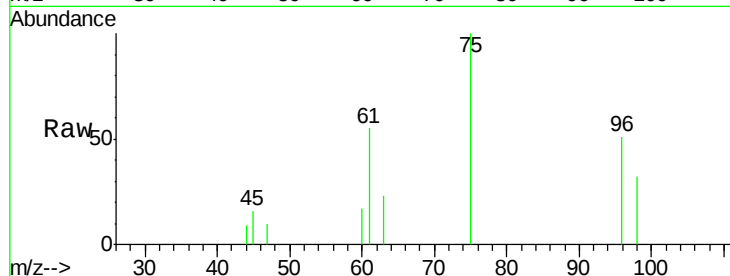
Tot Ion: 96 Resp: 2550

Ion Ratio Lower Upper

96 100

61 112.5 0.0 265.6

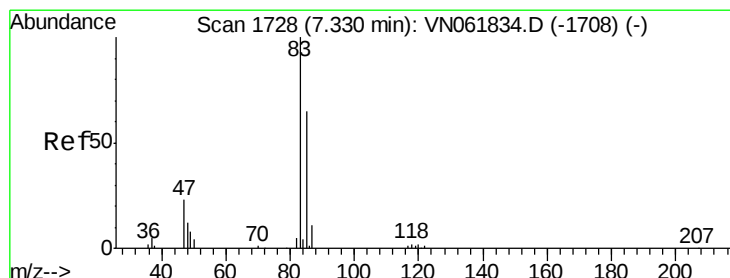
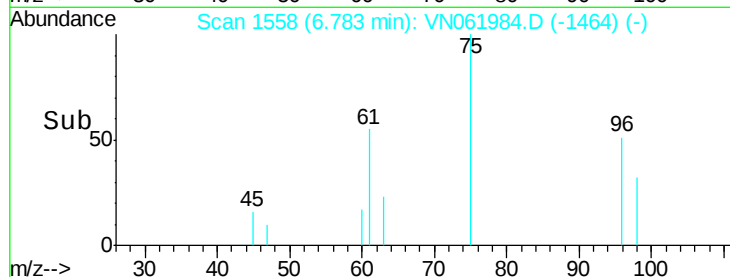
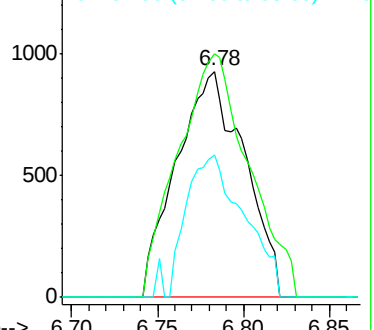
98 53.0 0.0 128.2



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: 0.726 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN061984.D

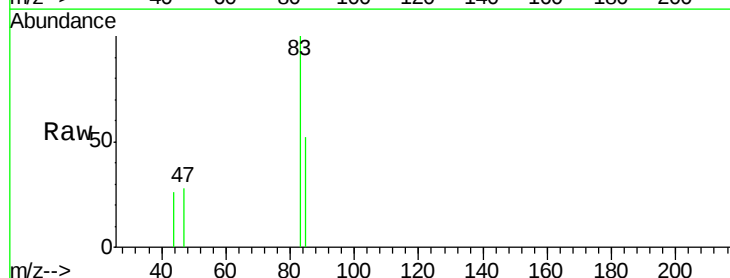
Acq: 20 Jun 2020 8:04

Tgt Ion: 83 Resp: 2135

Ion Ratio Lower Upper

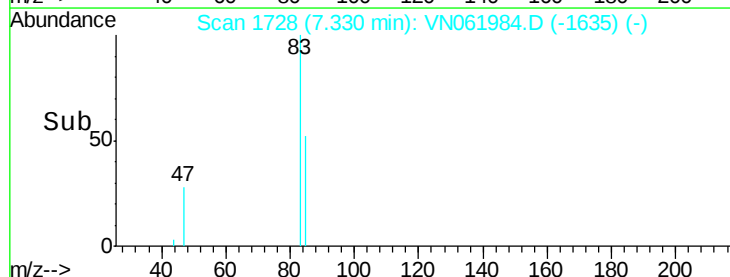
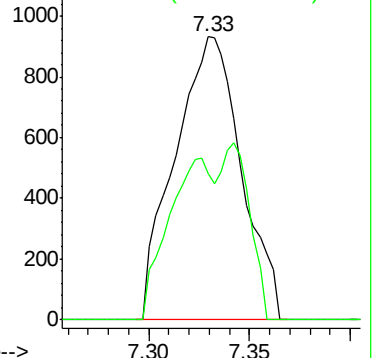
83 100

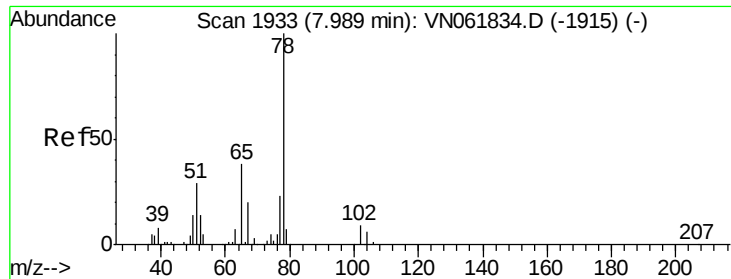
85 51.8 52.0 78.0#



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-1708) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-1708) (-)

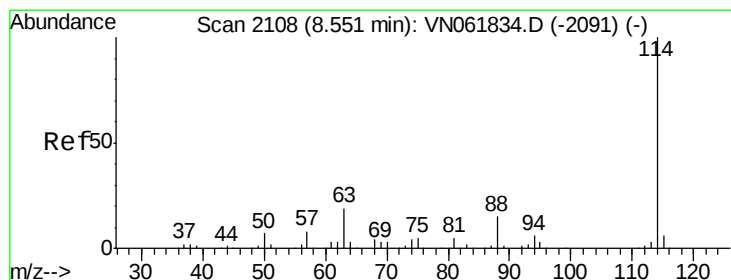
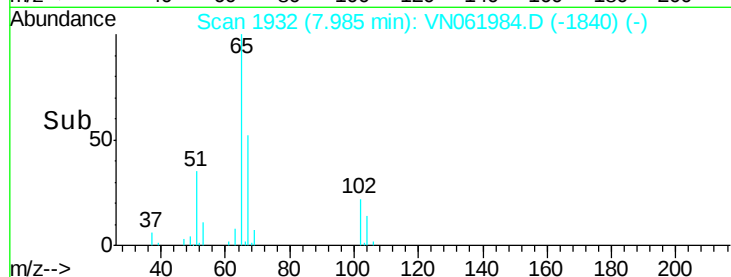
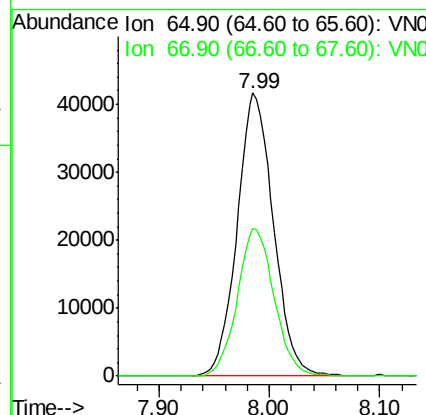
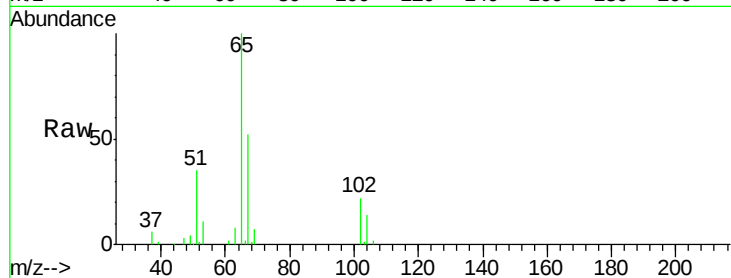




#33
 1,2-Dichloroethane-d4
 Concen: 51.981 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061984.D
 Acq: 20 Jun 2020 8:04

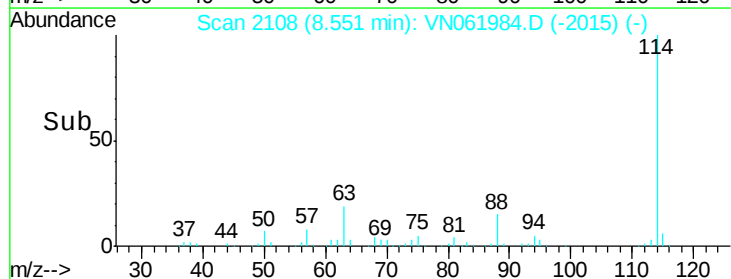
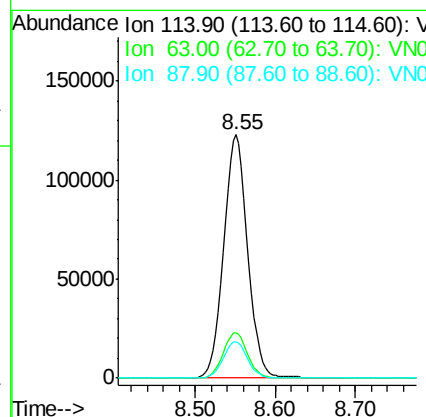
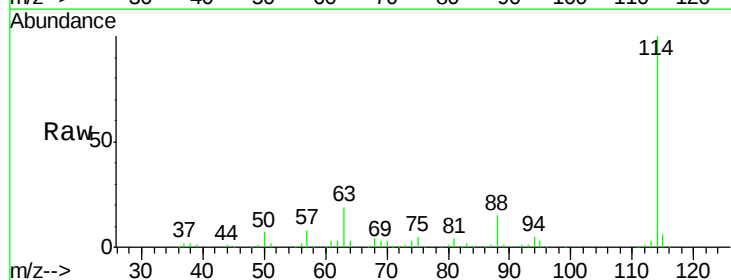
Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20200612

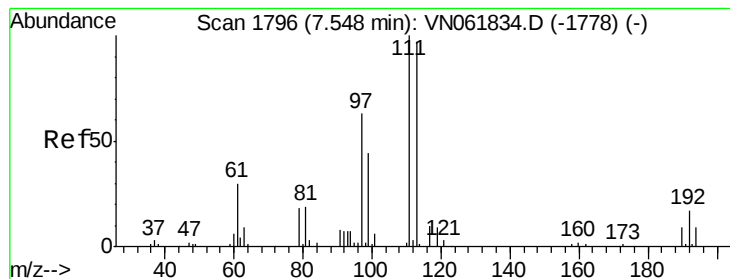
Tot Ion: 65 Resp: 95043
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061984.D
 Acq: 20 Jun 2020 8:04

Tgt Ion: 114 Resp: 253024
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.596 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061984.D

Acq: 20 Jun 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20200612

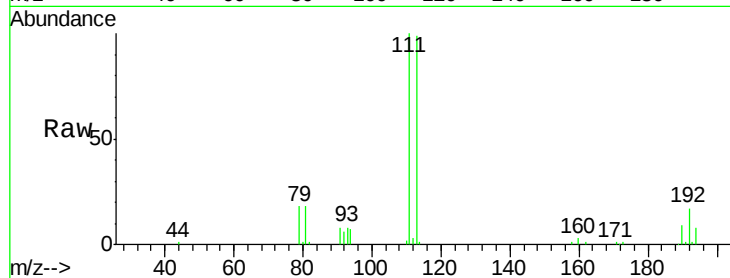
Tot Ion:113 Resp: 81900

Ion Ratio Lower Upper

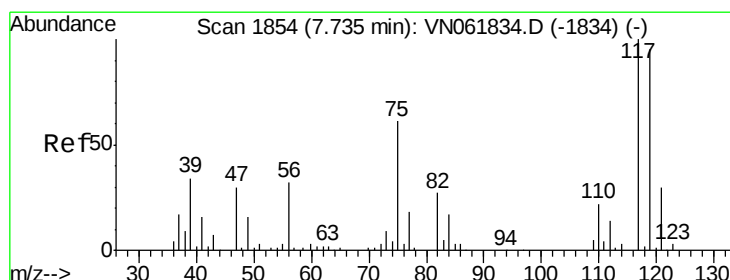
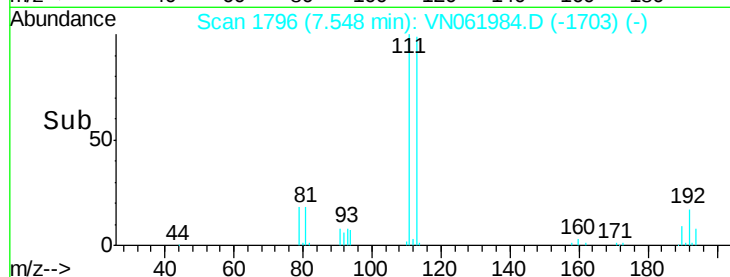
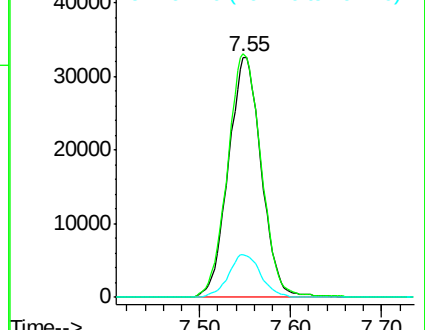
113 100

111 103.7 83.7 125.5

192 17.3 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: 0.945 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VN061984.D

Acq: 20 Jun 2020 8:04

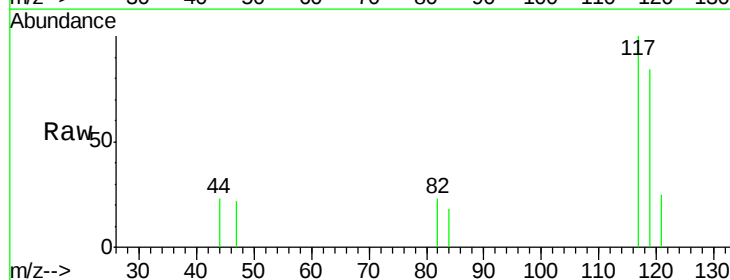
Tgt Ion:117 Resp: 2160

Ion Ratio Lower Upper

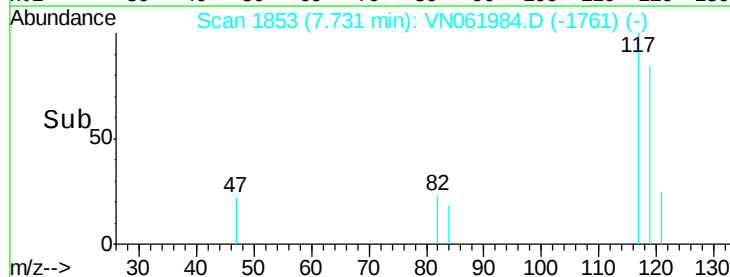
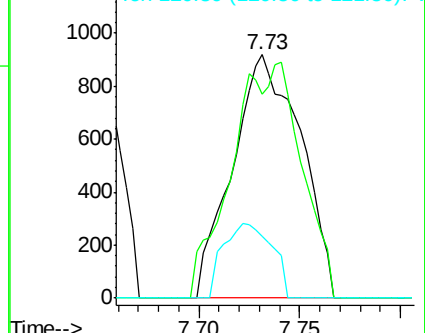
117 100

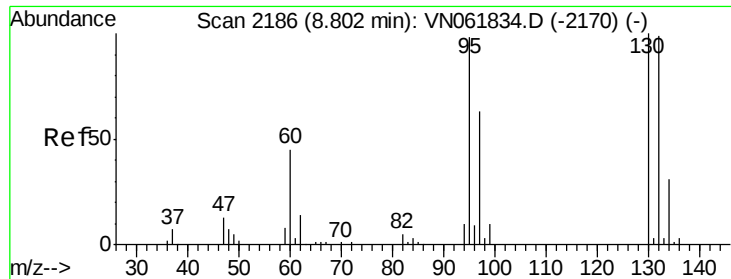
119 83.7 75.8 113.6

121 25.1 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: 124.677 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061984.D

Acq: 20 Jun 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

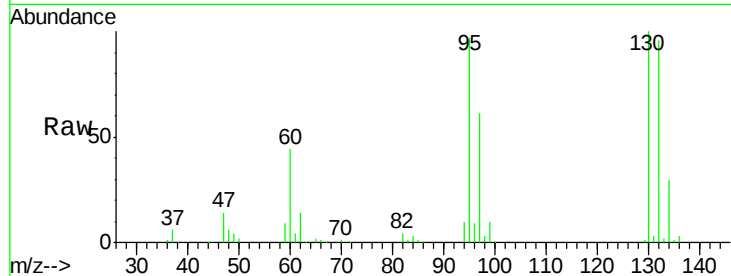
RE139D1-20200612

Tot Ion:130 Resp: 229389

Ion Ratio Lower Upper

130 100

95 97.0 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061984.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061984.D (-2093) (-)

8.80

120000

100000

80000

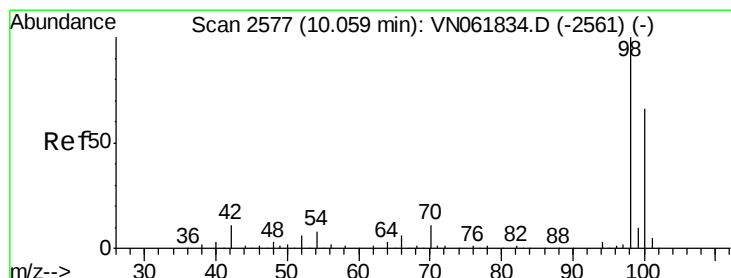
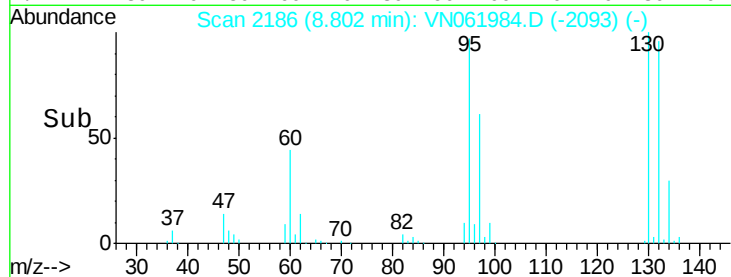
60000

40000

20000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 50.345 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061984.D

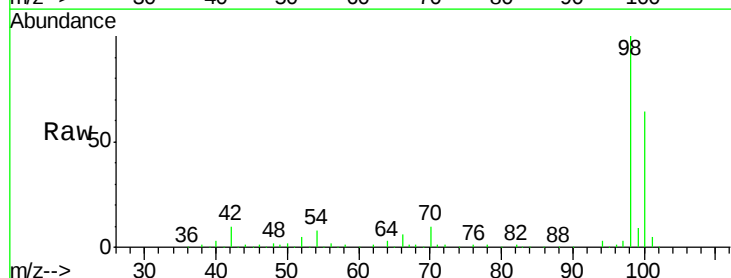
Acq: 20 Jun 2020 8:04

Tgt Ion: 98 Resp: 320389

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061984.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061984.D (-2484) (-)

10.06

200000

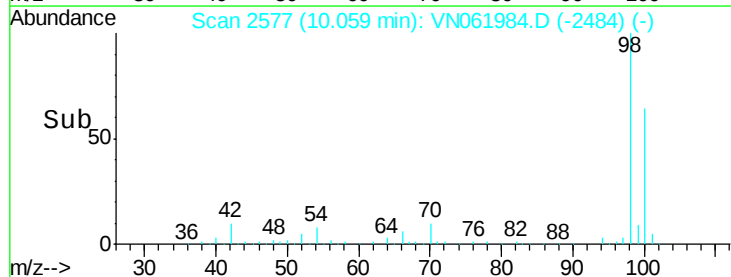
150000

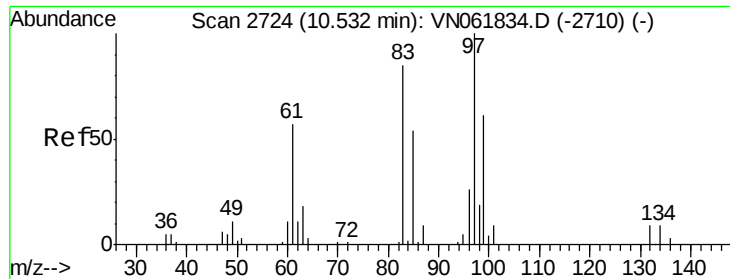
100000

50000

0

Time--> 10.00 10.10 10.20

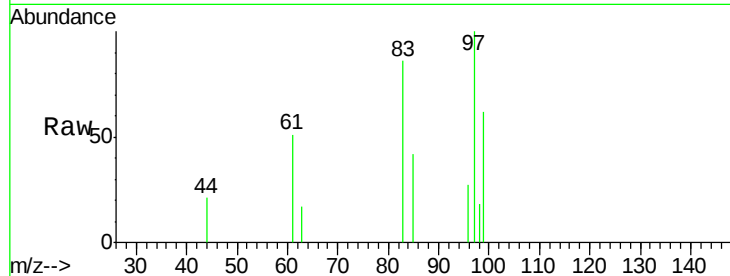




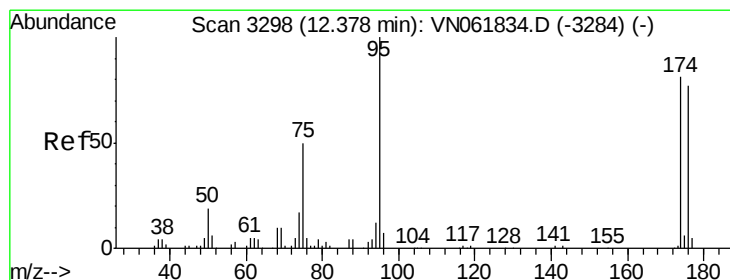
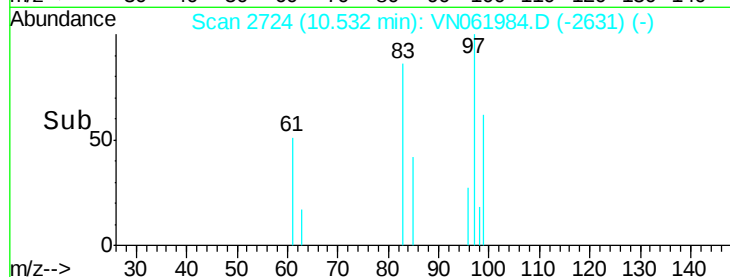
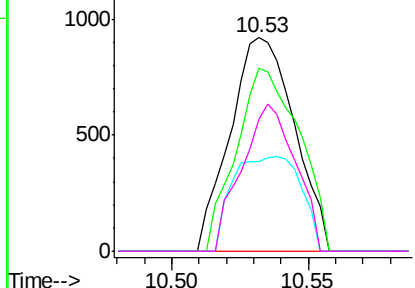
#55
 1,1,2-Trichloroethane
 Concen: 0.871 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061984.D
 Acq: 20 Jun 2020 8:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20200612

Tot Ion: 97 Resp: 1505
 Ion Ratio Lower Upper
 97 100
 83 86.0 67.7 101.5
 85 41.8 43.4 65.0#
 99 62.0 48.8 73.2

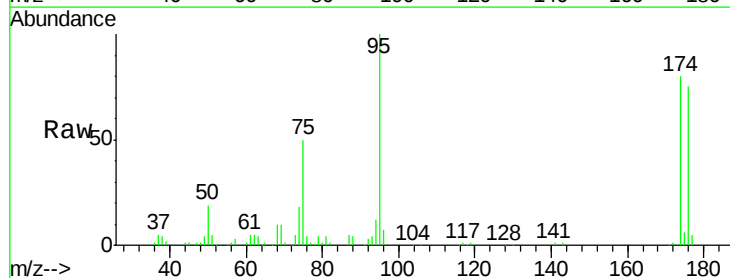


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

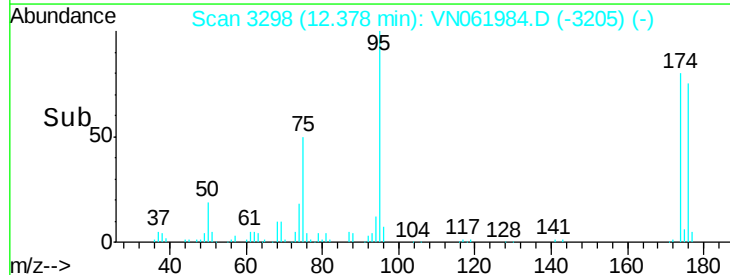
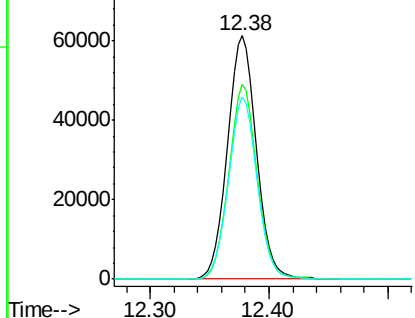


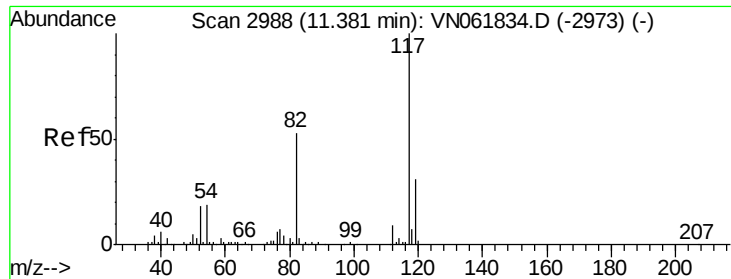
#62
 4-Bromofluorobenzene
 Concen: 47.285 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061984.D
 Acq: 20 Jun 2020 8:04

Tgt Ion: 95 Resp: 103218
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 158.6
 176 74.1 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

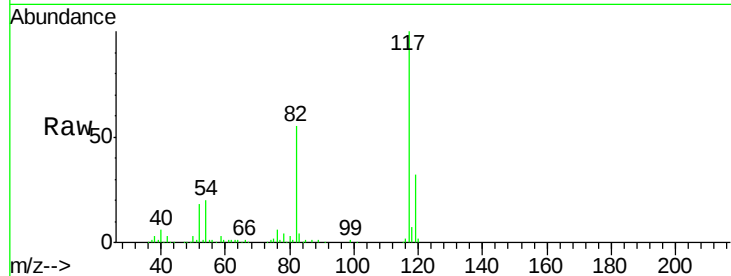




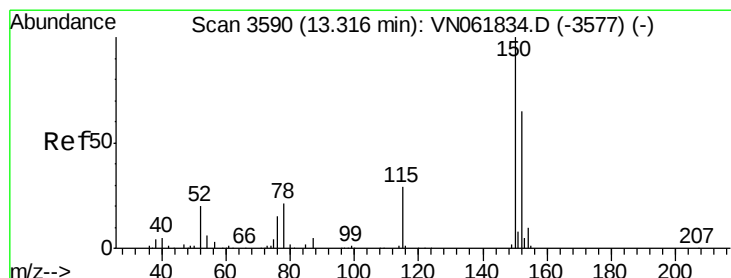
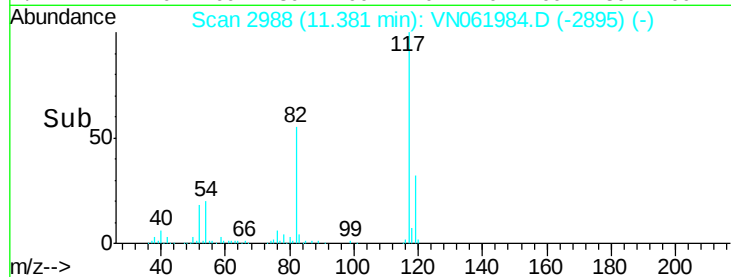
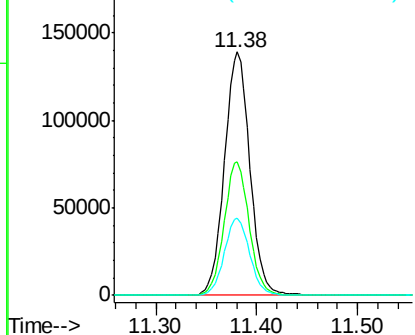
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061984.D
Acq: 20 Jun 2020 8:04

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200612

Tot Ion:117 Resp: 245060
Ion Ratio Lower Upper
117 100
82 54.6 42.6 64.0
119 31.8 24.7 37.1

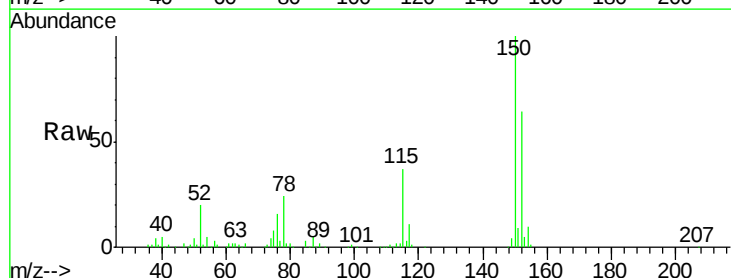


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061984.D
Acq: 20 Jun 2020 8:04

Tgt Ion:152 Resp: 92378
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 159.4 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

