

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061023.D
 Acq On : 16 Apr 2020 19:43
 Operator : JC/MD
 Sample : L2284-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-DA

Quant Time: Apr 17 05:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

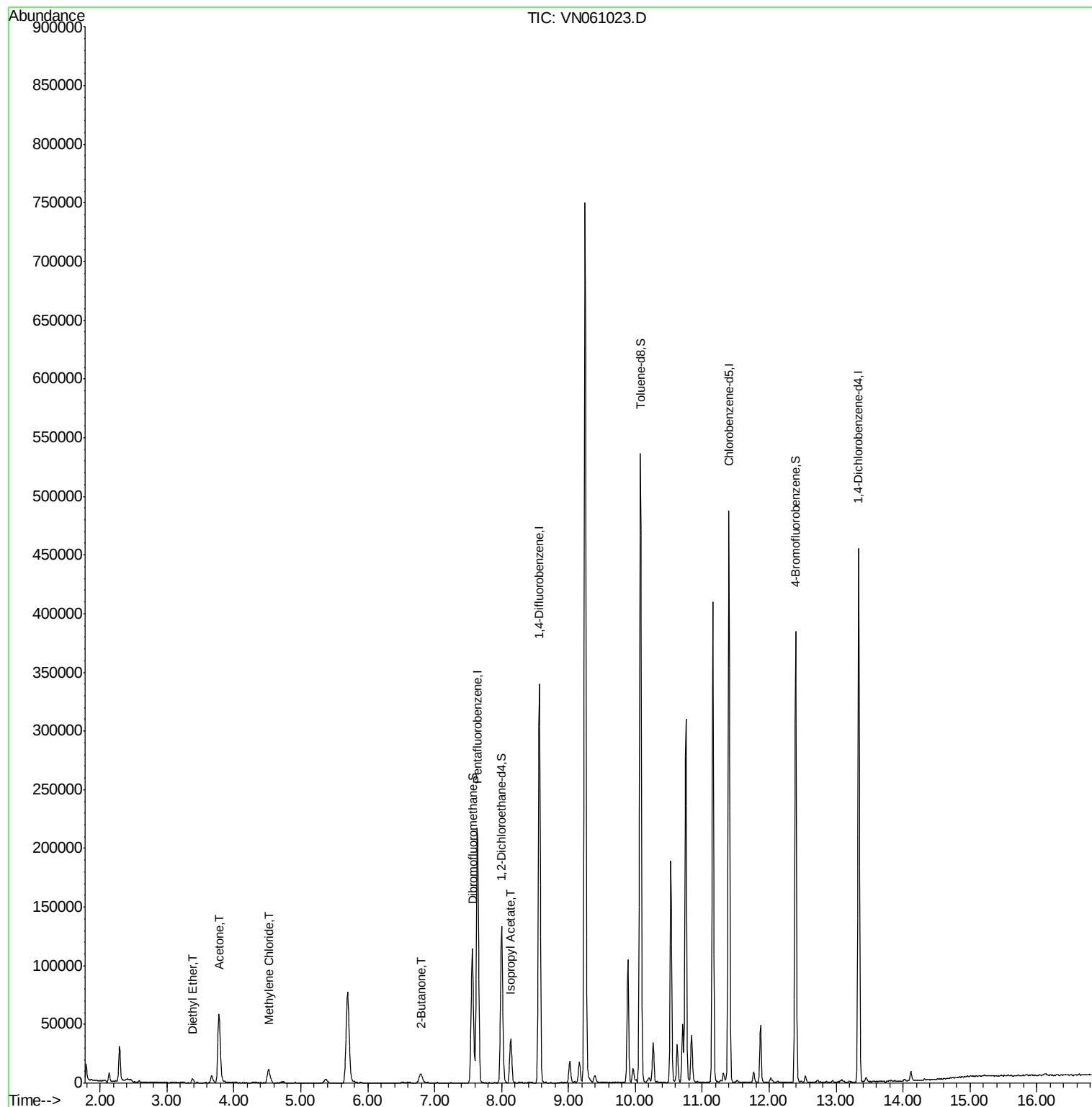
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	175732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	296211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	120383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	116627	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	7.56	113	88214	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	10.08	98	366198	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
62) 4-Bromofluorobenzene	12.39	95	134032	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
Target Compounds						
8) Diethyl Ether	3.38	74	1720	1.342	ug/l	91
16) Acetone	3.78	43	101441	102.504	ug/l	100
20) Methylene Chloride	4.52	84	9358	4.331	ug/l	96
25) 2-Butanone	6.80	43	13802	9.101	ug/l	99
43) Isopropyl Acetate	8.14	43	45328	8.397	ug/l #	91

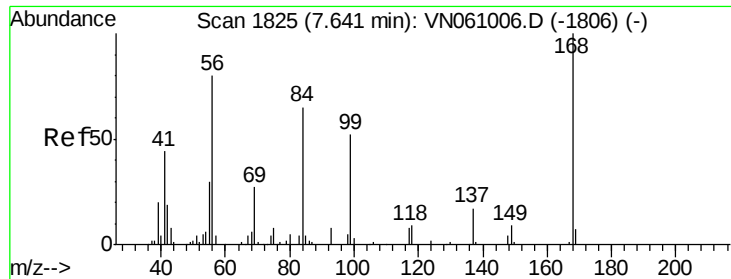
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061023.D
Acq On : 16 Apr 2020 19:43
Operator : JC/MD
Sample : L2284-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-12-DA

Quant Time: Apr 17 05:02:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Instrument :

MSVOA_N

ClientSampled :

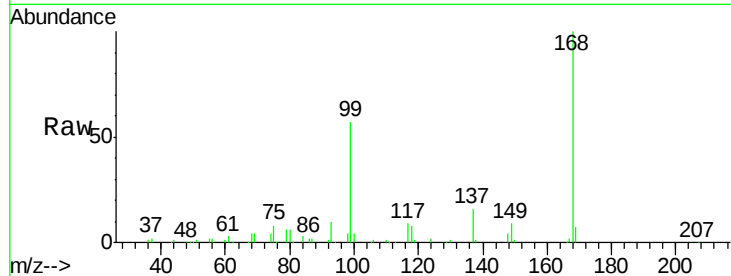
TP-12-DA

Tot Ion:168 Resp: 175732

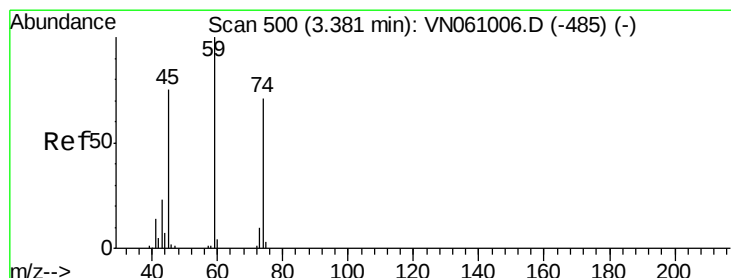
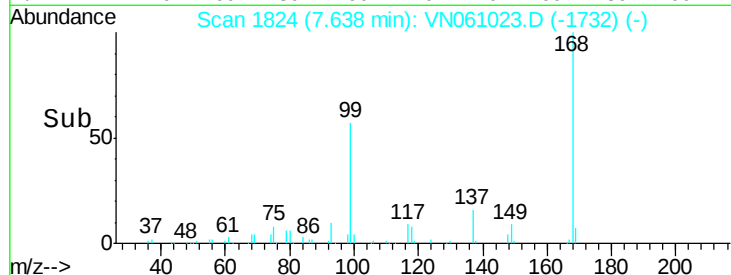
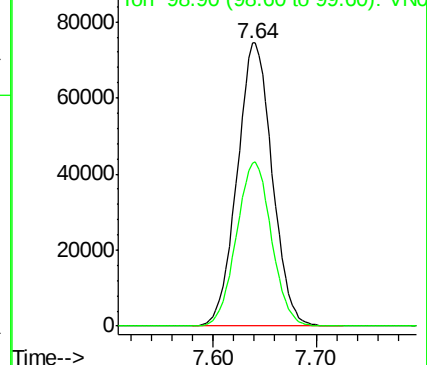
Ion Ratio Lower Upper

168 100

99 57.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)



#8

Diethyl Ether

Concen: 1.342 ug/l

RT: 3.38 min Scan# 500

Delta R.T. 0.00 min

Lab File: VN061023.D

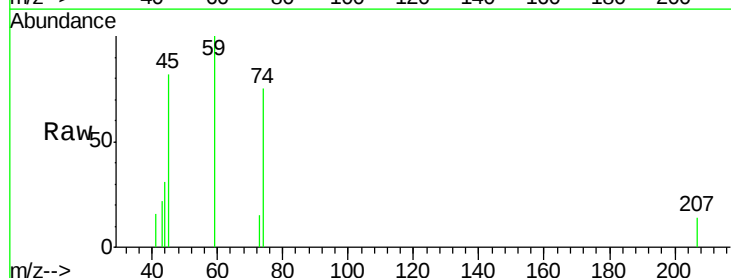
Acq: 16 Apr 2020 19:43

Tgt Ion: 74 Resp: 1720

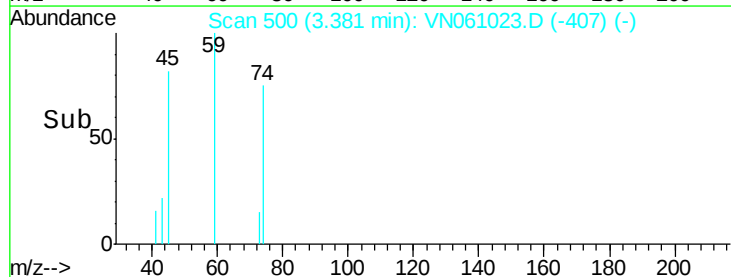
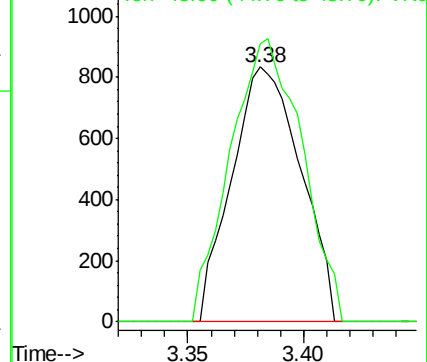
Ion Ratio Lower Upper

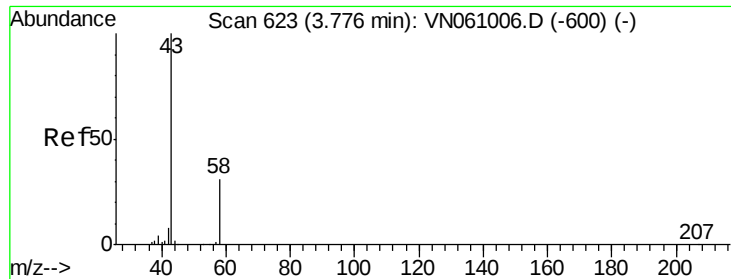
74 100

45 115.5 52.9 158.8



Abundance Ion 74.00 (73.70 to 74.70): VN061006.D (-485) (-)





#16

Acetone

Concen: 102.504 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Instrument :

MSVOA_N

ClientSampled :

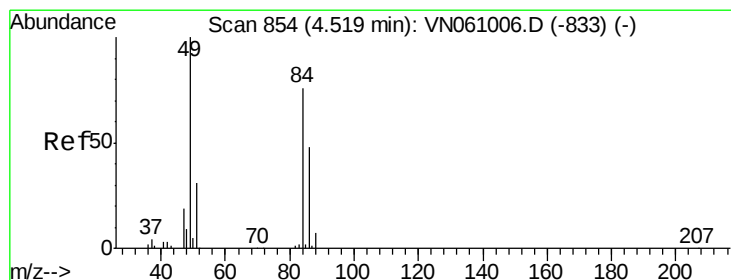
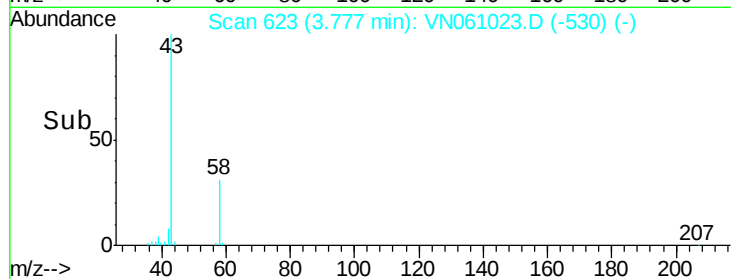
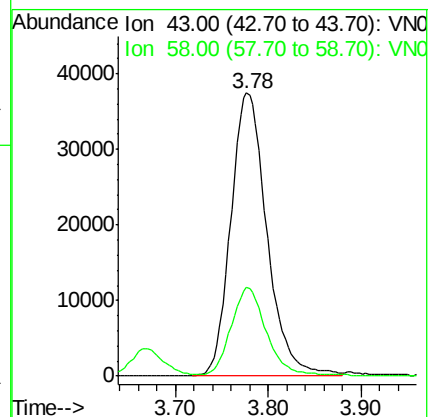
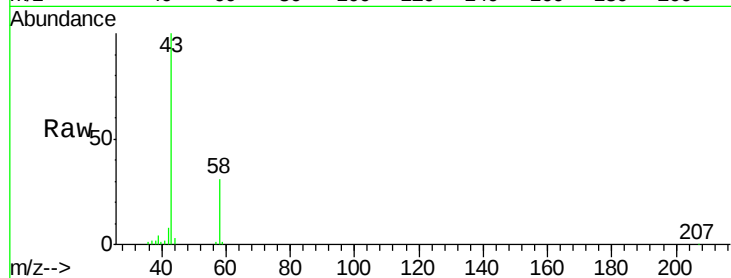
TP-12-DA

Tot Ion: 43 Resp: 101441

Ion Ratio Lower Upper

43 100

58 30.6 24.6 37.0



#20

Methylene Chloride

Concen: 4.331 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Tgt Ion: 84 Resp: 9358

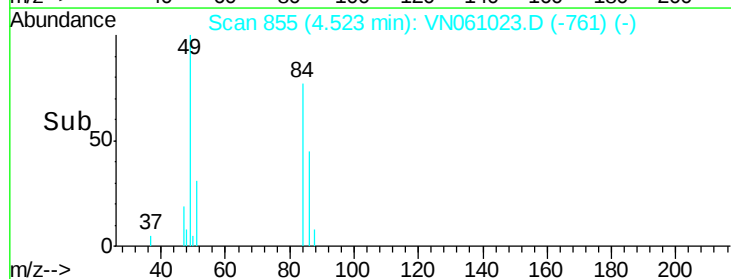
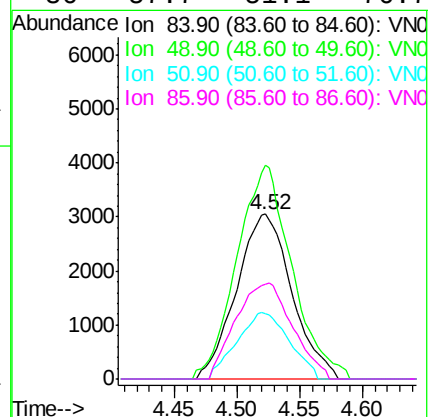
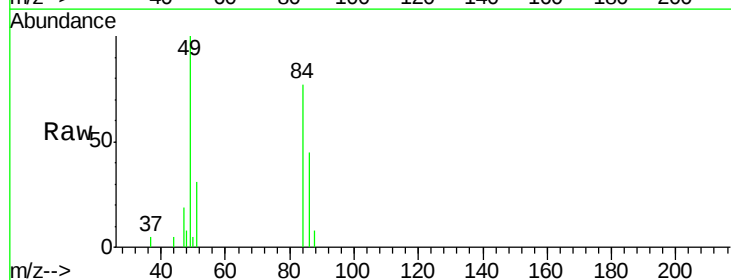
Ion Ratio Lower Upper

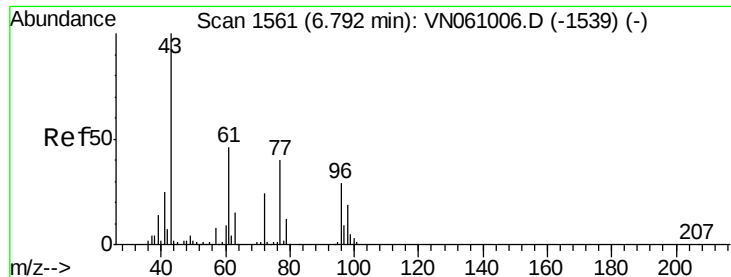
84 100

49 129.5 105.8 158.6

51 39.9 32.4 48.6

86 57.7 51.1 76.7





#25

2-Butanone

Concen: 9.101 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

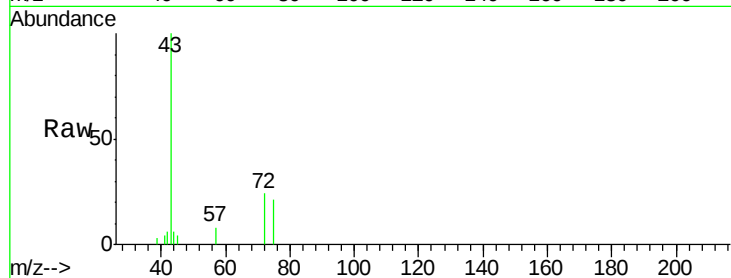
TP-12-DA

Tot Ion: 43 Resp: 13802

Ion Ratio Lower Upper

43 100

72 24.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1539) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1539) (-)

6.80

4000

3000

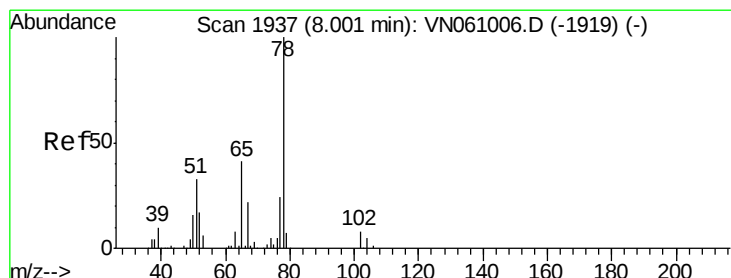
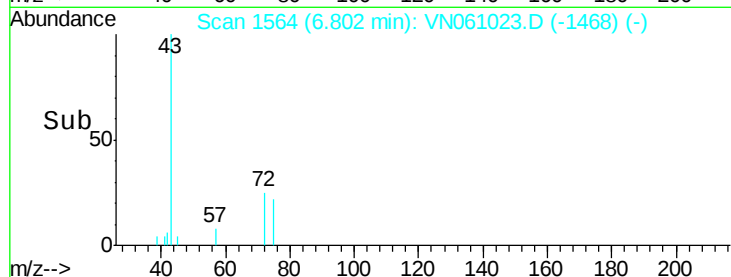
2000

1000

0

6.70 6.80 6.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.872 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061023.D

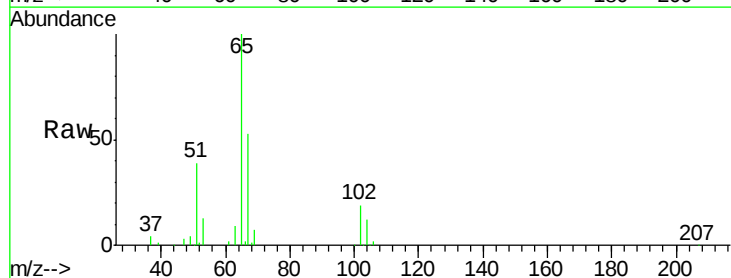
Acq: 16 Apr 2020 19:43

Tgt Ion: 65 Resp: 116627

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)

8.00

50000

40000

30000

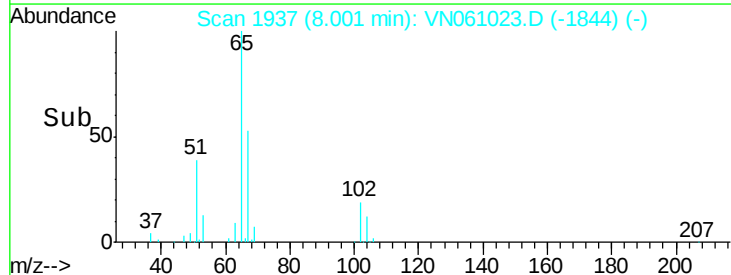
20000

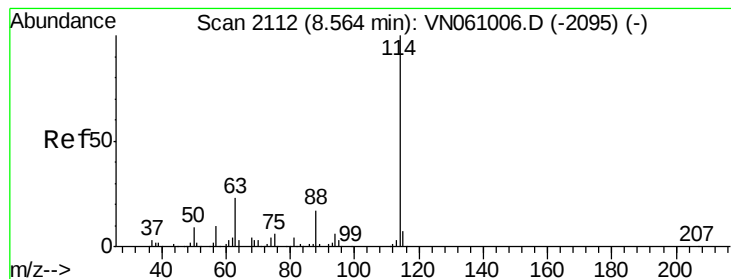
10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

TP-12-DA

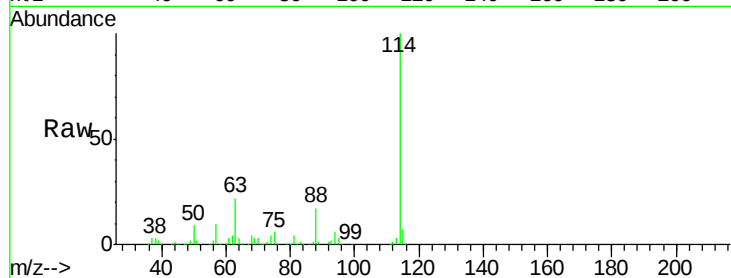
Tot Ion:114 Resp: 296211

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

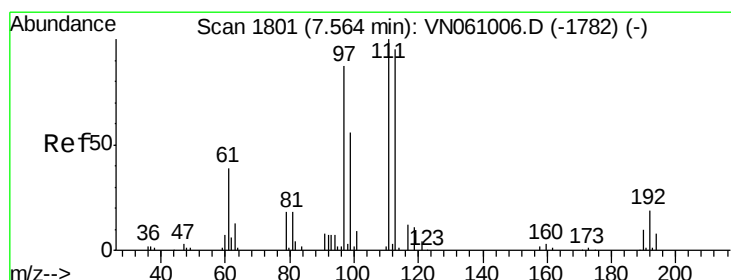
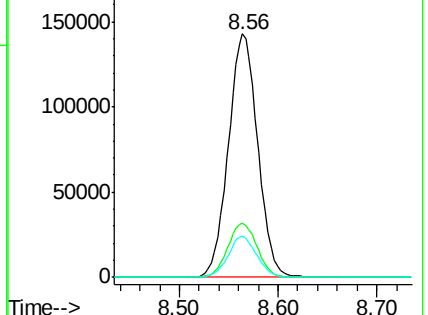
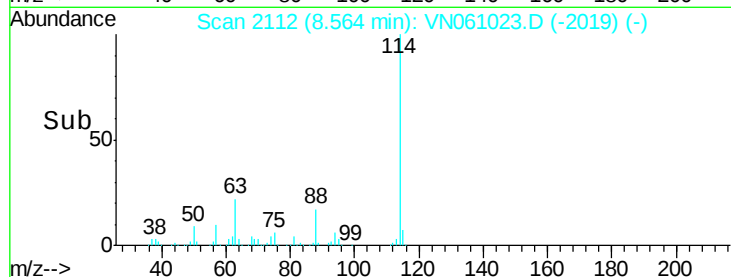
88 16.9 0.0 33.4



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: 50.996 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

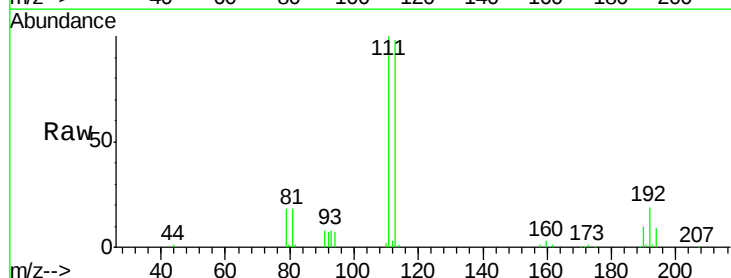
Tgt Ion:113 Resp: 88214

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

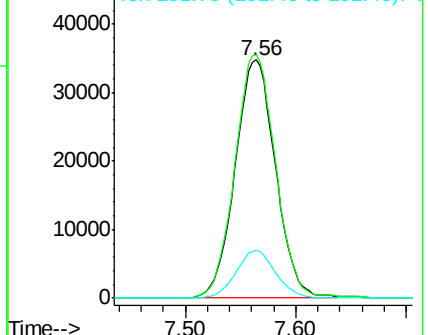
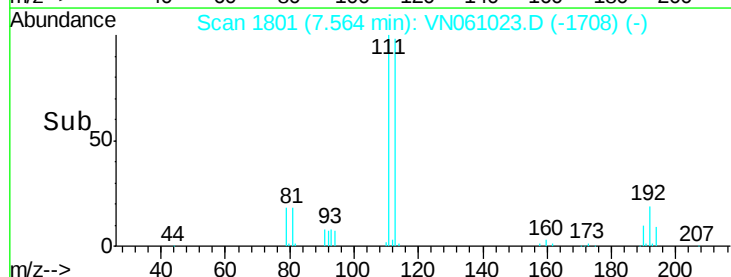
192 19.5 15.5 23.3

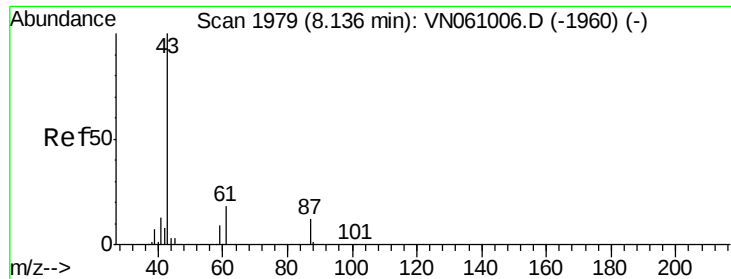


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.397 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Instrument :

MSVOA_N

ClientSampled :

TP-12-DA

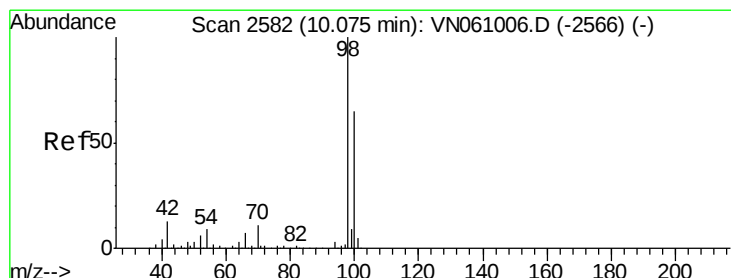
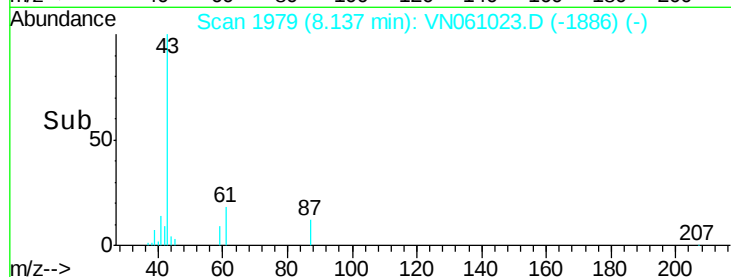
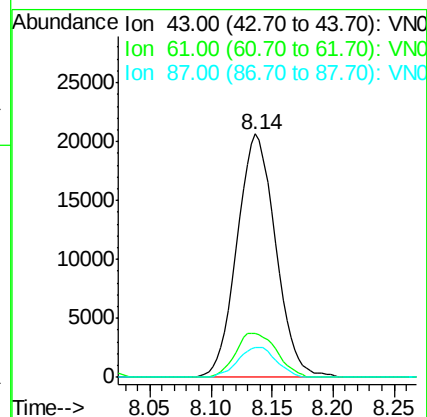
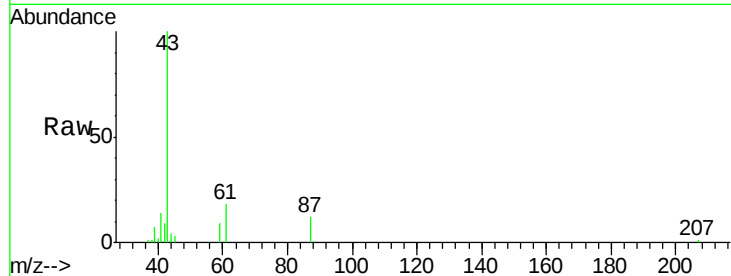
Tot Ion: 43 Resp: 45328

Ion Ratio Lower Upper

43 100

61 19.3 20.3 30.5#

87 12.2 9.4 14.2



#50

Toluene-d8

Concen: 56.022 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061023.D

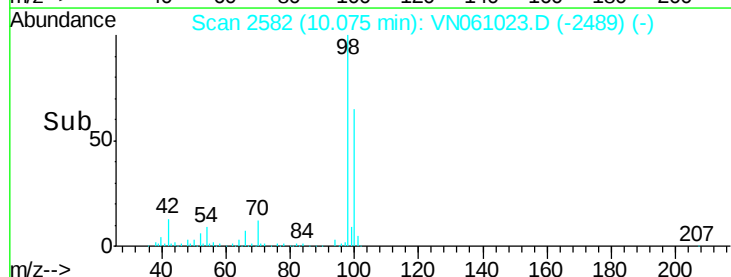
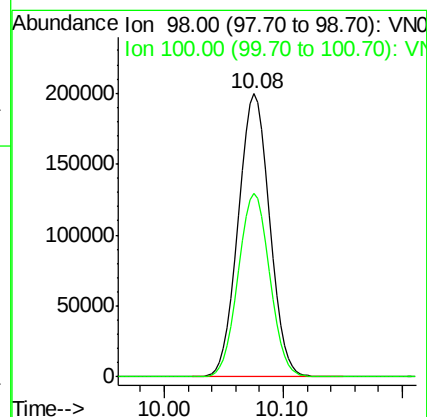
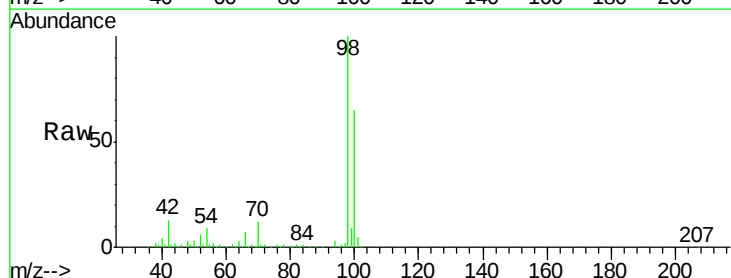
Acq: 16 Apr 2020 19:43

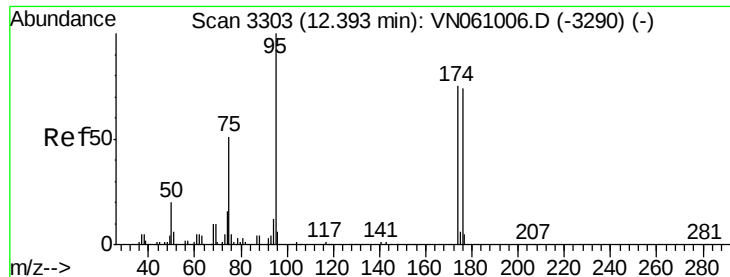
Tgt Ion: 98 Resp: 366198

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

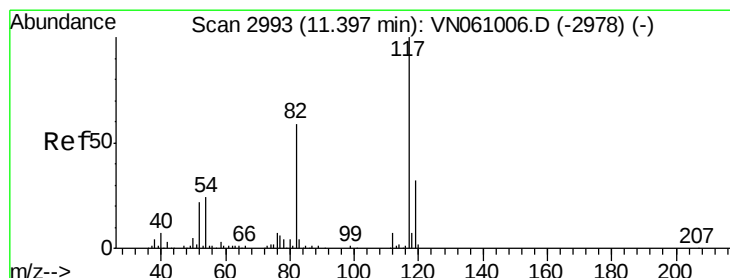
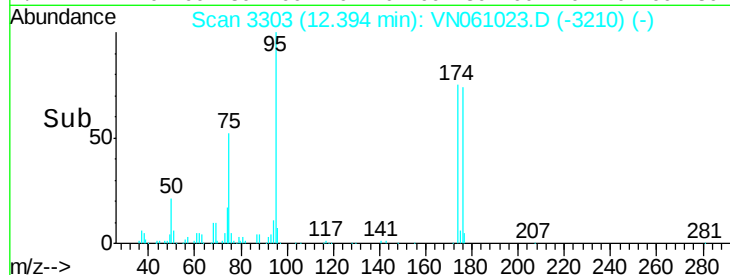
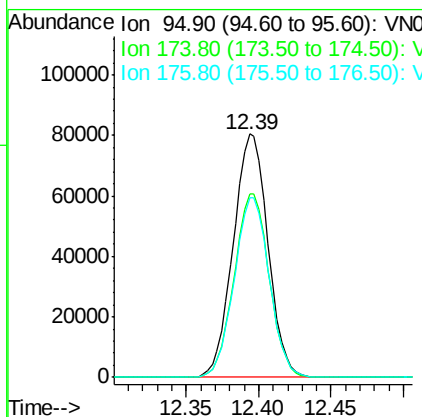
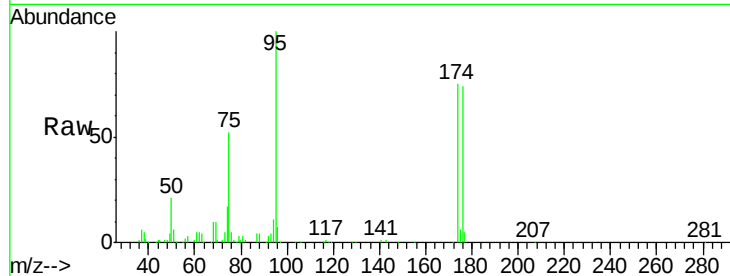




#62
 4-Bromofluorobenzene
 Concen: 52.317 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061023.D
 Acq: 16 Apr 2020 19:43

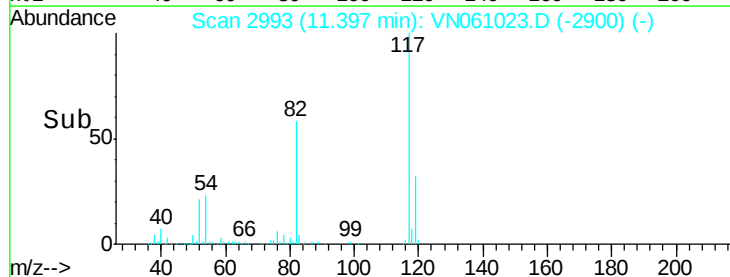
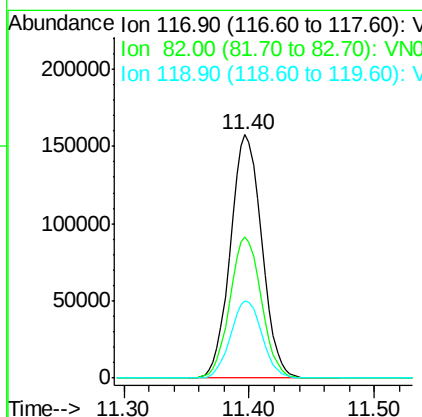
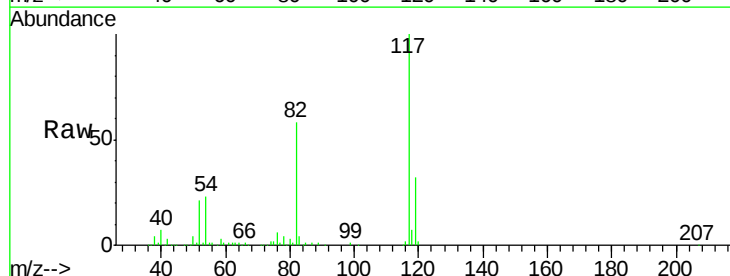
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-DA

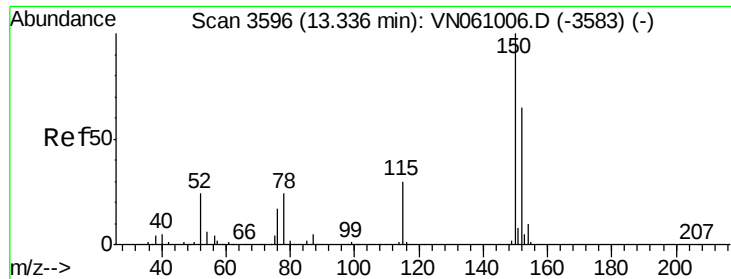
Tot Ion: 95 Resp: 134032
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 151.2
 176 74.4 0.0 148.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2993
 Delta R.T. 0.00 min
 Lab File: VN061023.D
 Acq: 16 Apr 2020 19:43

Tgt Ion: 117 Resp: 274660
 Ion Ratio Lower Upper
 117 100
 82 58.2 47.1 70.7
 119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061023.D

Acq: 16 Apr 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

TP-12-DA

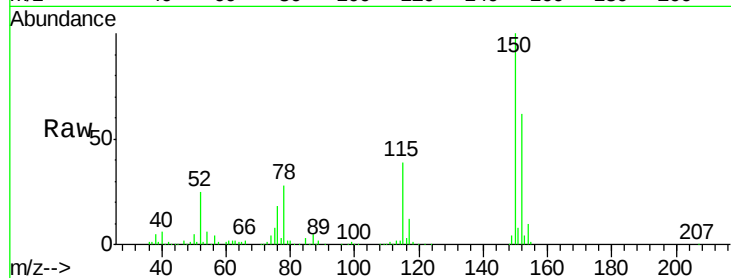
Tot Ion:152 Resp: 120383

Ion Ratio Lower Upper

152 100

115 61.2 30.8 92.4

150 158.5 0.0 349.0



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

