

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061024.D
 Acq On : 16 Apr 2020 20:05
 Operator : JC/MD
 Sample : L2284-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-16-B-SA

Quant Time: Apr 17 05:07:07 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

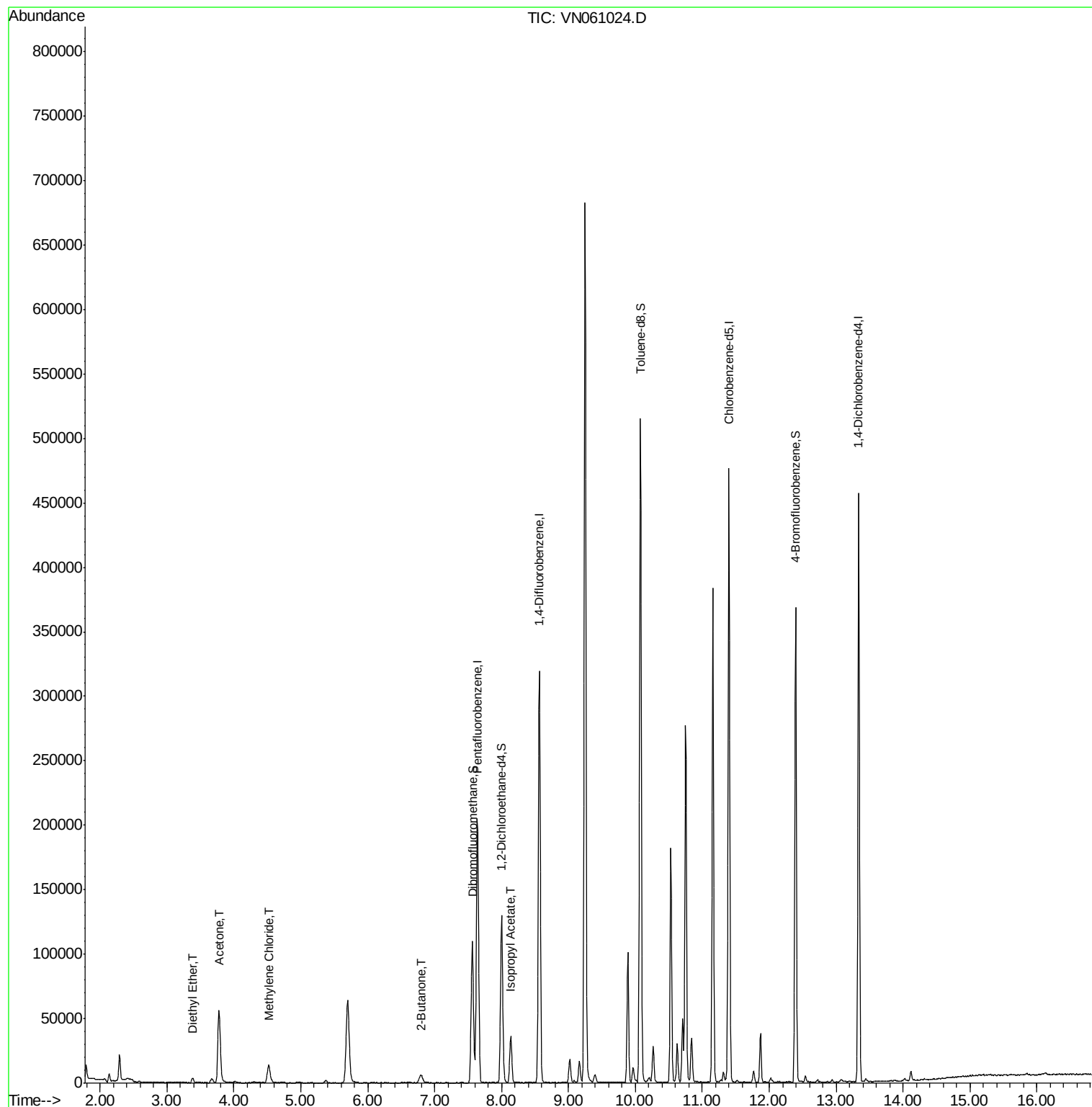
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	164998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	280320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110157	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	7.56	113	83712	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.08	98	351812	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
62) 4-Bromofluorobenzene	12.39	95	130047	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
8) Diethyl Ether	3.39	74	1828	1.519	ug/l	97
16) Acetone	3.78	43	98329	105.824	ug/l	97
20) Methylene Chloride	4.52	84	11012	5.428	ug/l	92
25) 2-Butanone	6.80	43	11386	7.997	ug/l	100
43) Isopropyl Acetate	8.14	43	42957	8.409	ug/l #	92

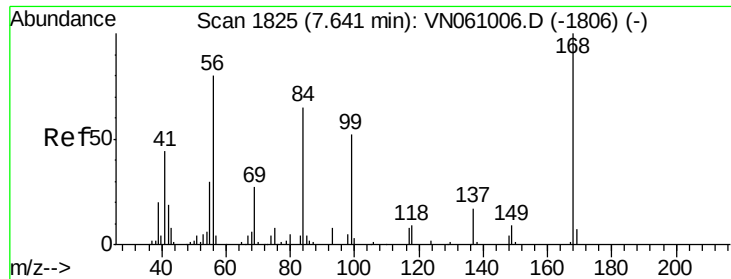
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061024.D
Acq On : 16 Apr 2020 20:05
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Instrument :
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TP-16-B-SA

Quant Time: Apr 17 05:07:07 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# 1825

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampled :

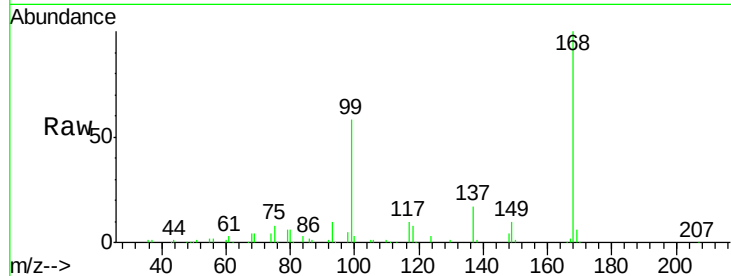
TP-16-B-SA

Tot Ion:168 Resp: 164998

Ion Ratio Lower Upper

168 100

99 58.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

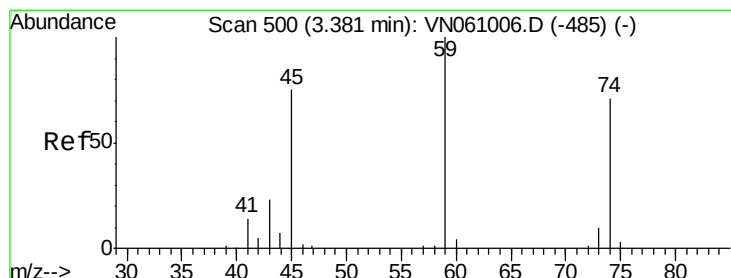
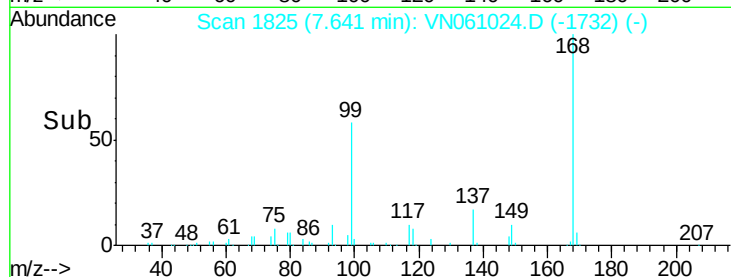
40000

20000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 1.519 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.01 min

Lab File: VN061024.D

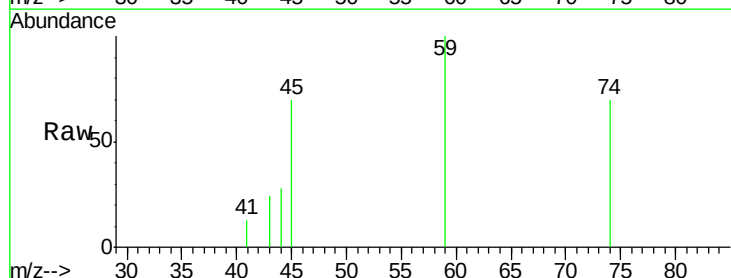
Acq: 16 Apr 2020 20:05

Tgt Ion: 74 Resp: 1828

Ion Ratio Lower Upper

74 100

45 102.4 52.9 158.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

1000

800

600

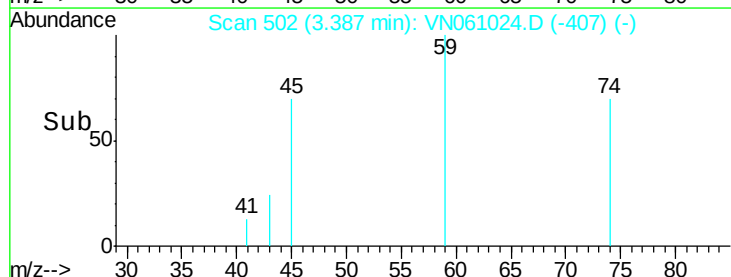
400

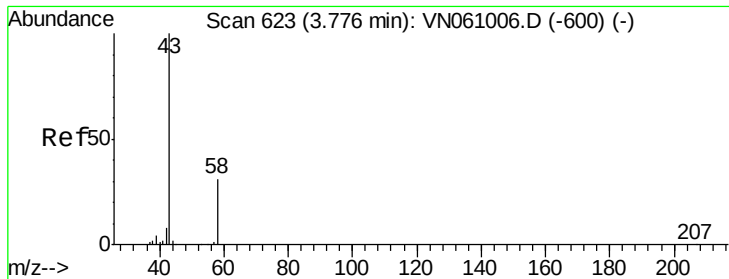
200

0

3.35 3.40

Time-->





#16

Acetone

Concen: 105.824 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampleId :

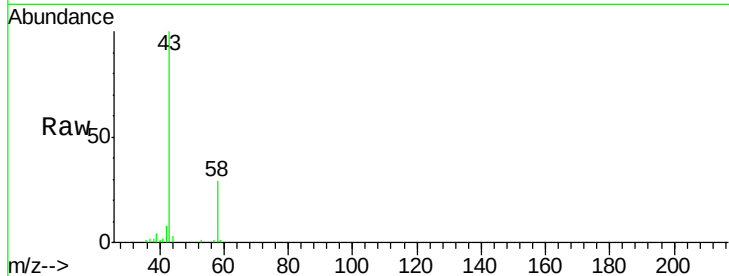
TP-16-B-SA

Tot Ion: 43 Resp: 98329

Ion Ratio Lower Upper

43 100

58 29.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

3.78

40000

30000

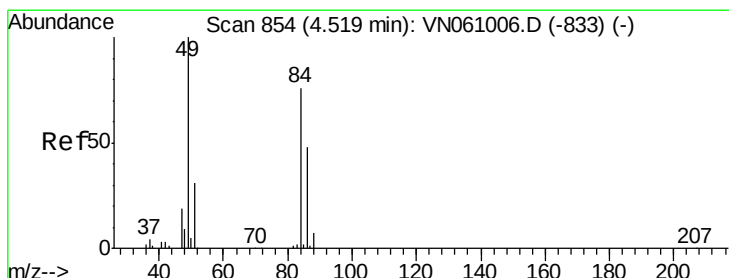
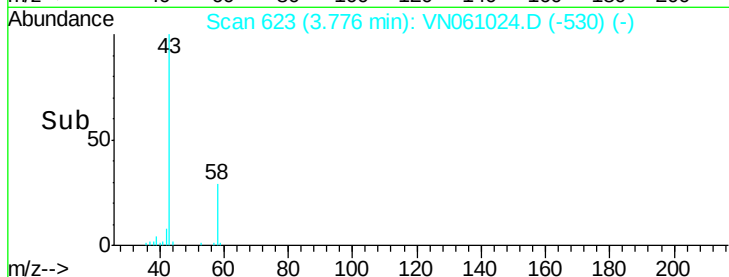
20000

10000

0

3.70 3.80 3.90

Time-->



#20

Methylene Chloride

Concen: 5.428 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Tgt Ion: 84 Resp: 11012

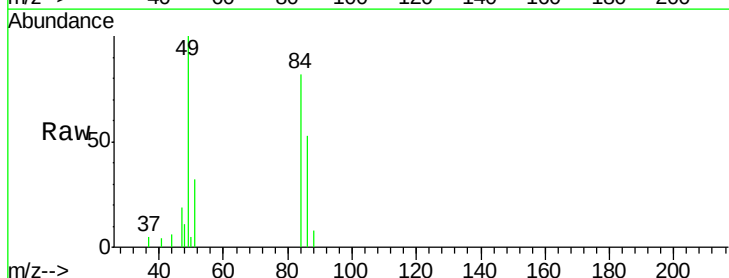
Ion Ratio Lower Upper

84 100

49 116.8 105.8 158.6

51 39.4 32.4 48.6

86 63.8 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN061006.D (-833) (-)

Ion 48.90 (48.60 to 49.60): VN061006.D (-833) (-)

Ion 50.90 (50.60 to 51.60): VN061006.D (-833) (-)

Ion 85.90 (85.60 to 86.60): VN061006.D (-833) (-)

6000

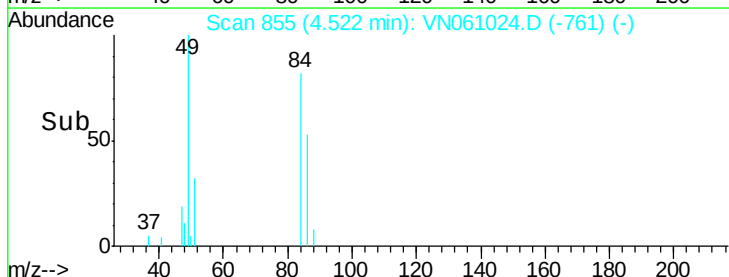
4000

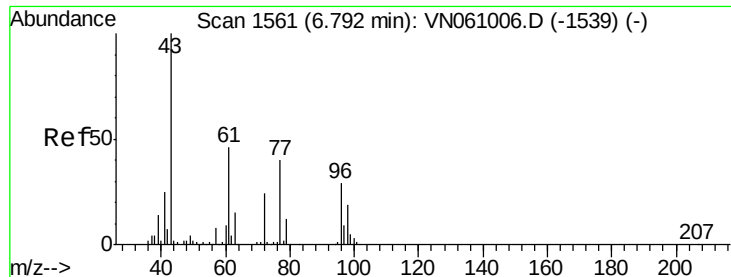
2000

0

4.45 4.50 4.55 4.60

Time-->





#25

2-Butanone

Concen: 7.997 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampled :

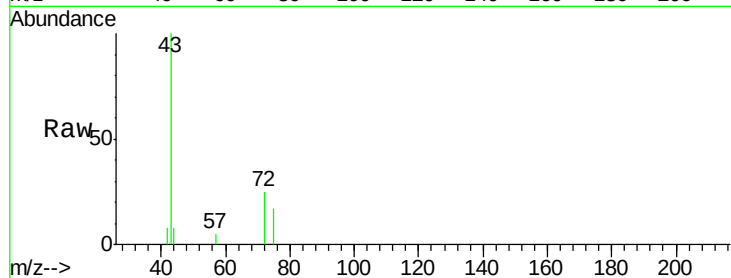
TP-16-B-SA

Tot Ion: 43 Resp: 11386

Ion Ratio Lower Upper

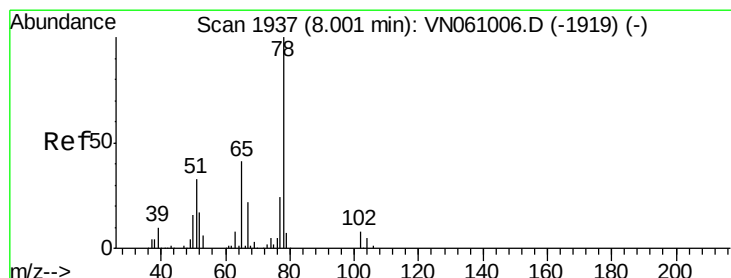
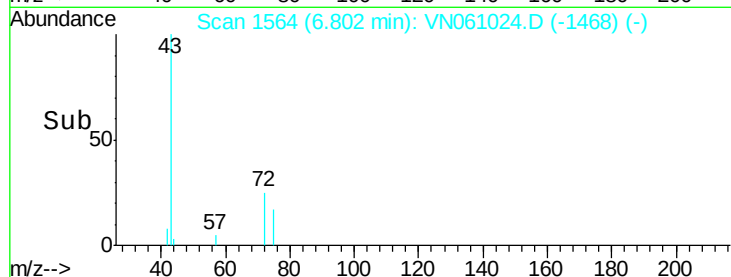
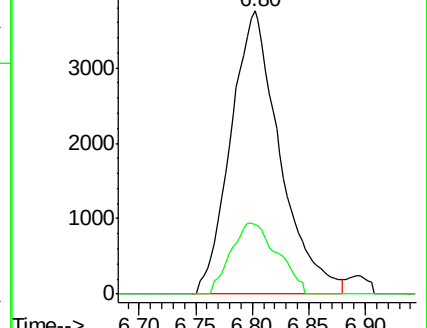
43 100

72 24.5 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.181 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061024.D

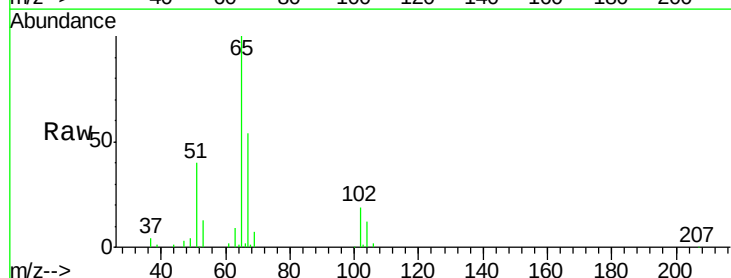
Acq: 16 Apr 2020 20:05

Tgt Ion: 65 Resp: 110157

Ion Ratio Lower Upper

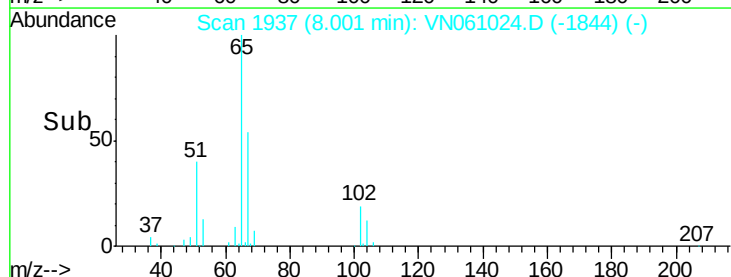
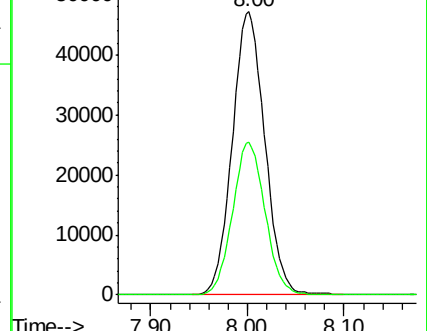
65 100

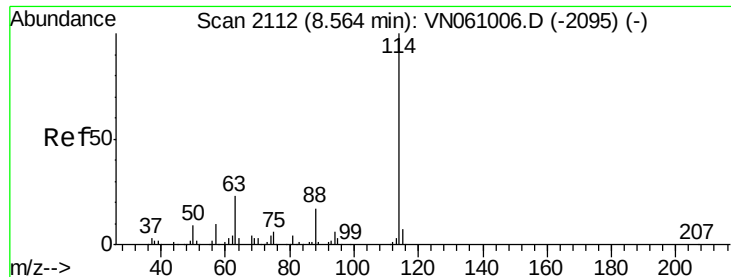
67 53.7 0.0 107.0



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

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

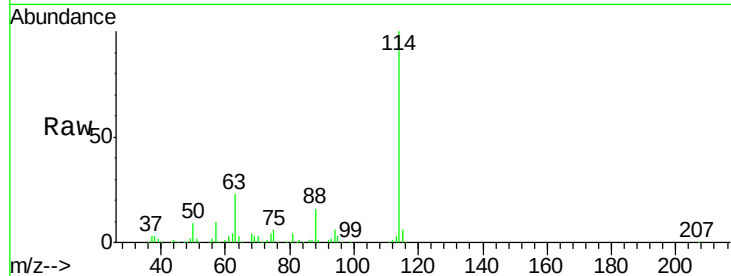




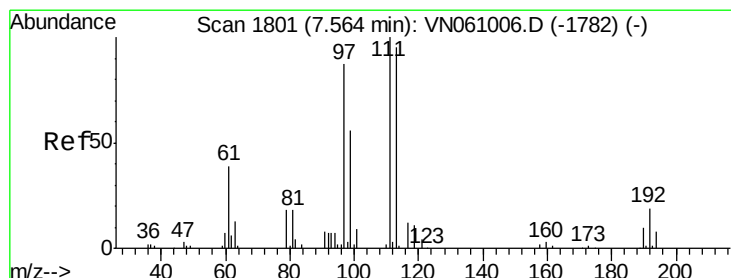
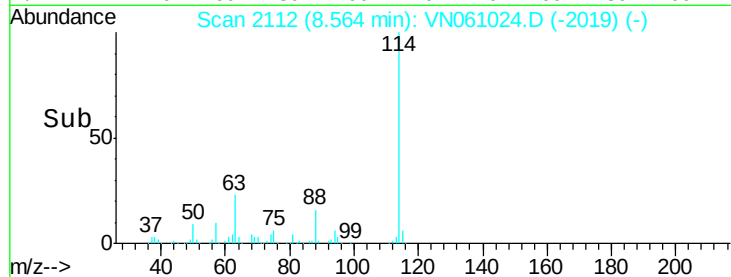
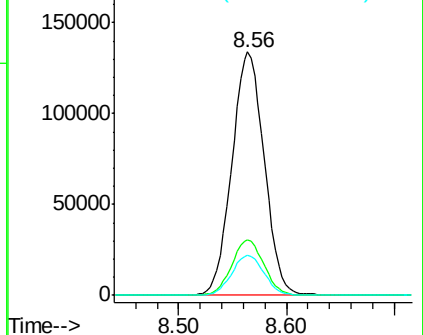
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061024.D
 Acq: 16 Apr 2020 20:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-16-B-SA

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.2
88	16.4	0.0	33.4

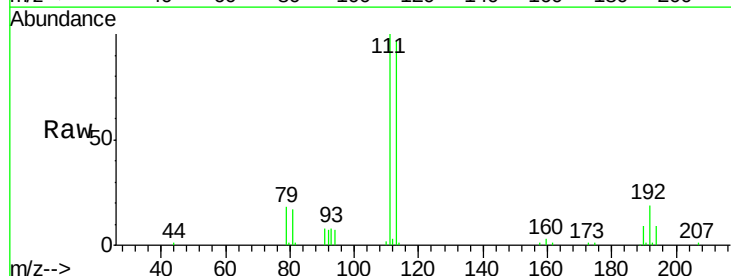


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

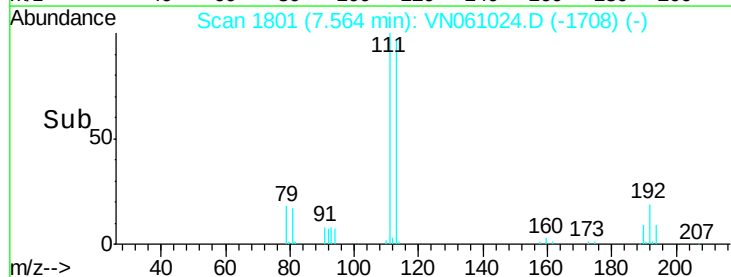
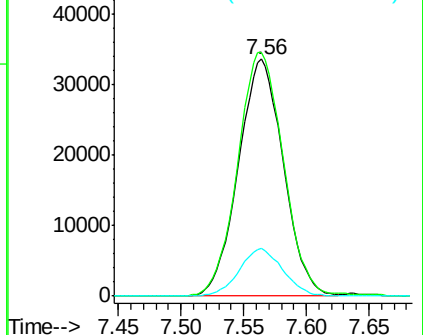


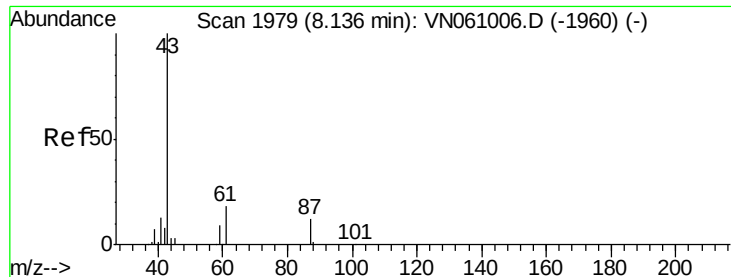
#35
 Dibromofluoromethane
 Concen: 51.136 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061024.D
 Acq: 16 Apr 2020 20:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.4	125.2
192	19.4	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: 8.409 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampled :

TP-16-B-SA

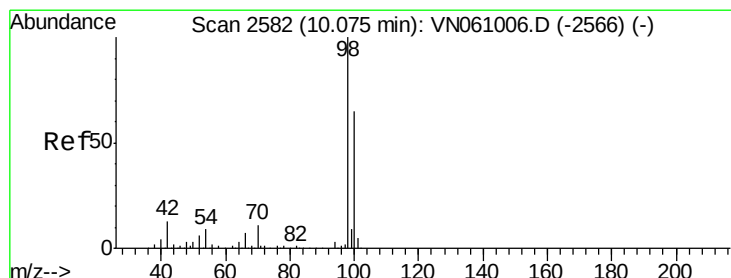
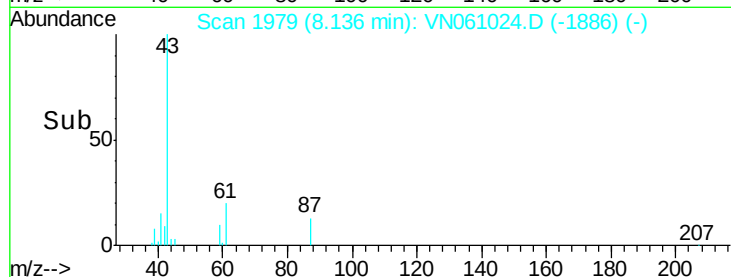
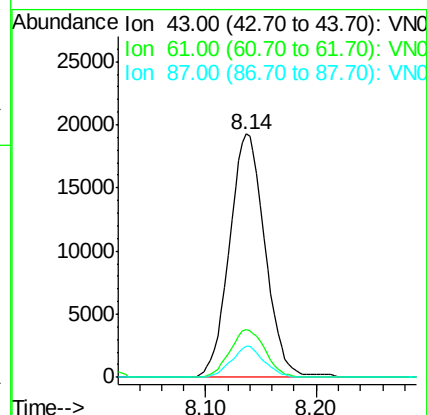
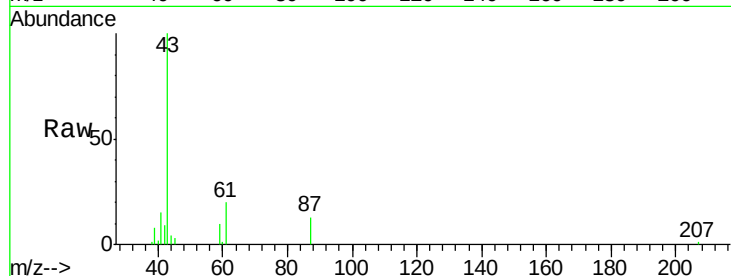
Tot Ion: 43 Resp: 42957

Ion Ratio Lower Upper

43 100

61 19.4 20.3 30.5#

87 11.6 9.4 14.2



#50

Toluene-d8

Concen: 56.872 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061024.D

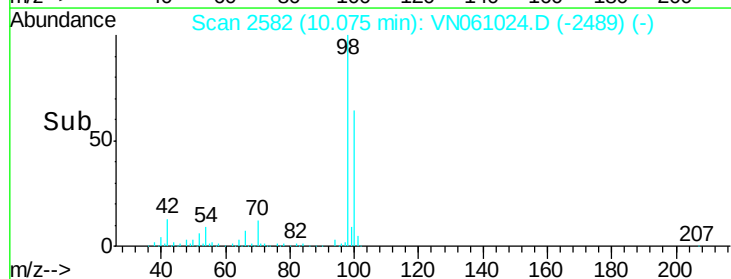
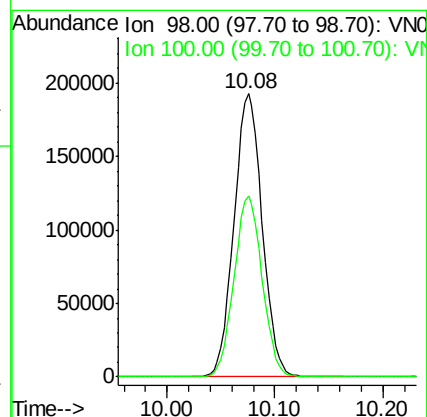
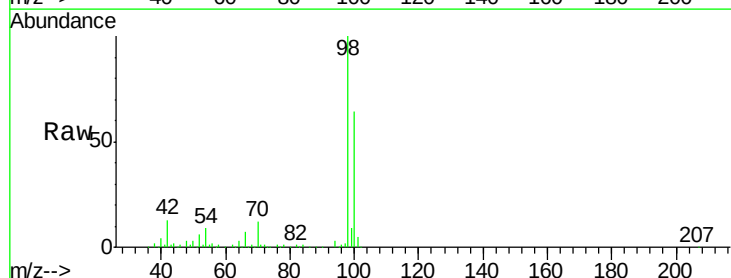
Acq: 16 Apr 2020 20:05

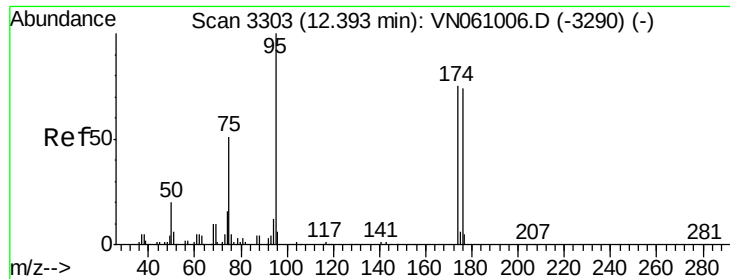
Tgt Ion: 98 Resp: 351812

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 53.639 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampled :

TP-16-B-SA

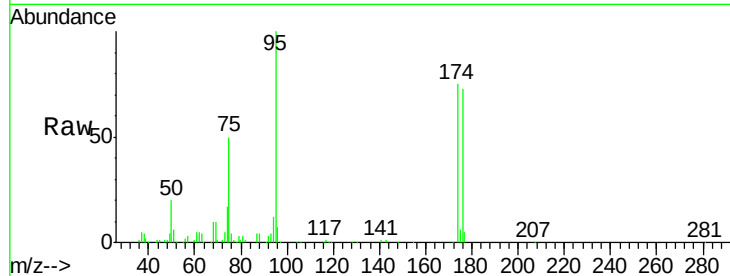
Tot Ion: 95 Resp: 130047

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.2

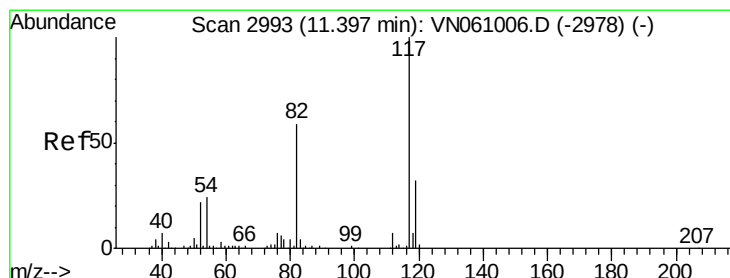
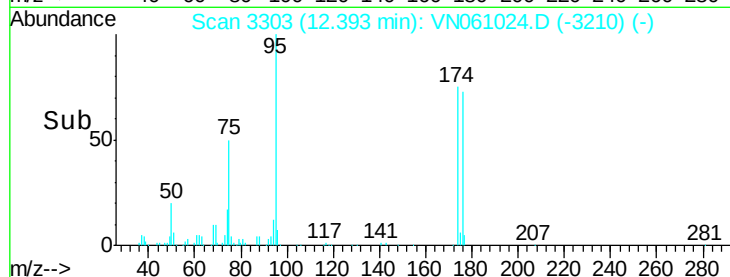
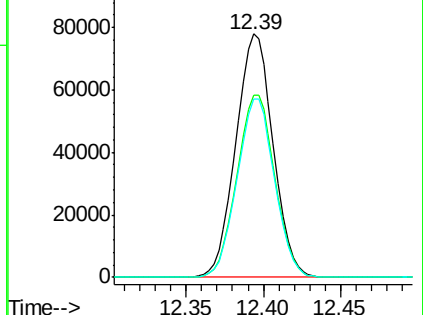
176 73.9 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

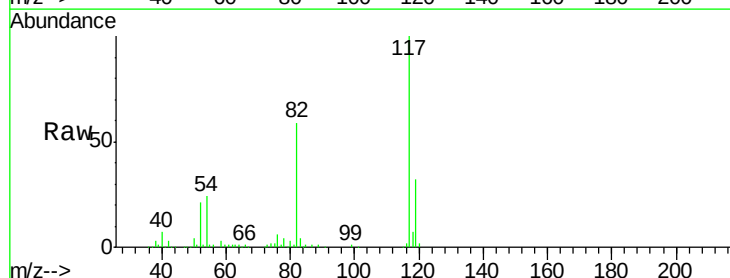
Tgt Ion: 117 Resp: 264820

Ion Ratio Lower Upper

117 100

82 58.7 47.1 70.7

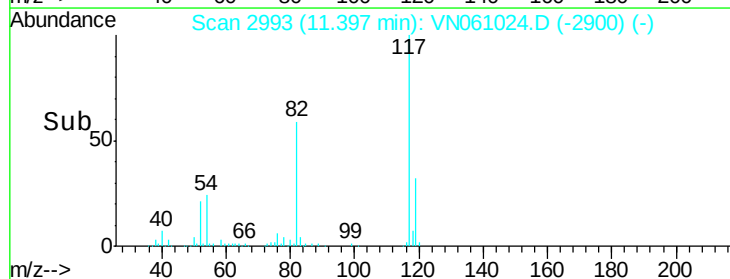
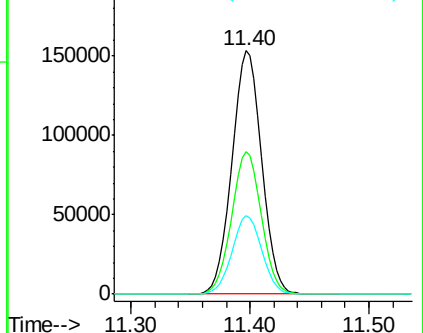
119 32.2 25.7 38.5

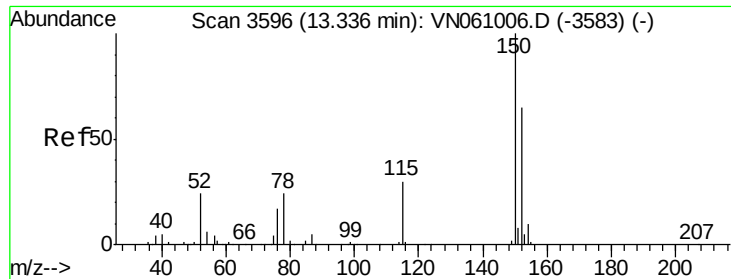


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061024.D

Acq: 16 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampleId :

TP-16-B-SA

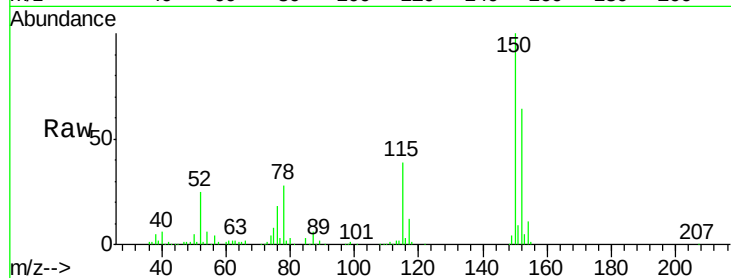
Tot Ion:152 Resp: 116557

Ion Ratio Lower Upper

152 100

115 60.9 30.8 92.4

150 157.4 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

