

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061022.D
 Acq On : 16 Apr 2020 19:20
 Operator : JC/MD
 Sample : L2284-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-SA

Quant Time: Apr 17 04:59:55 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

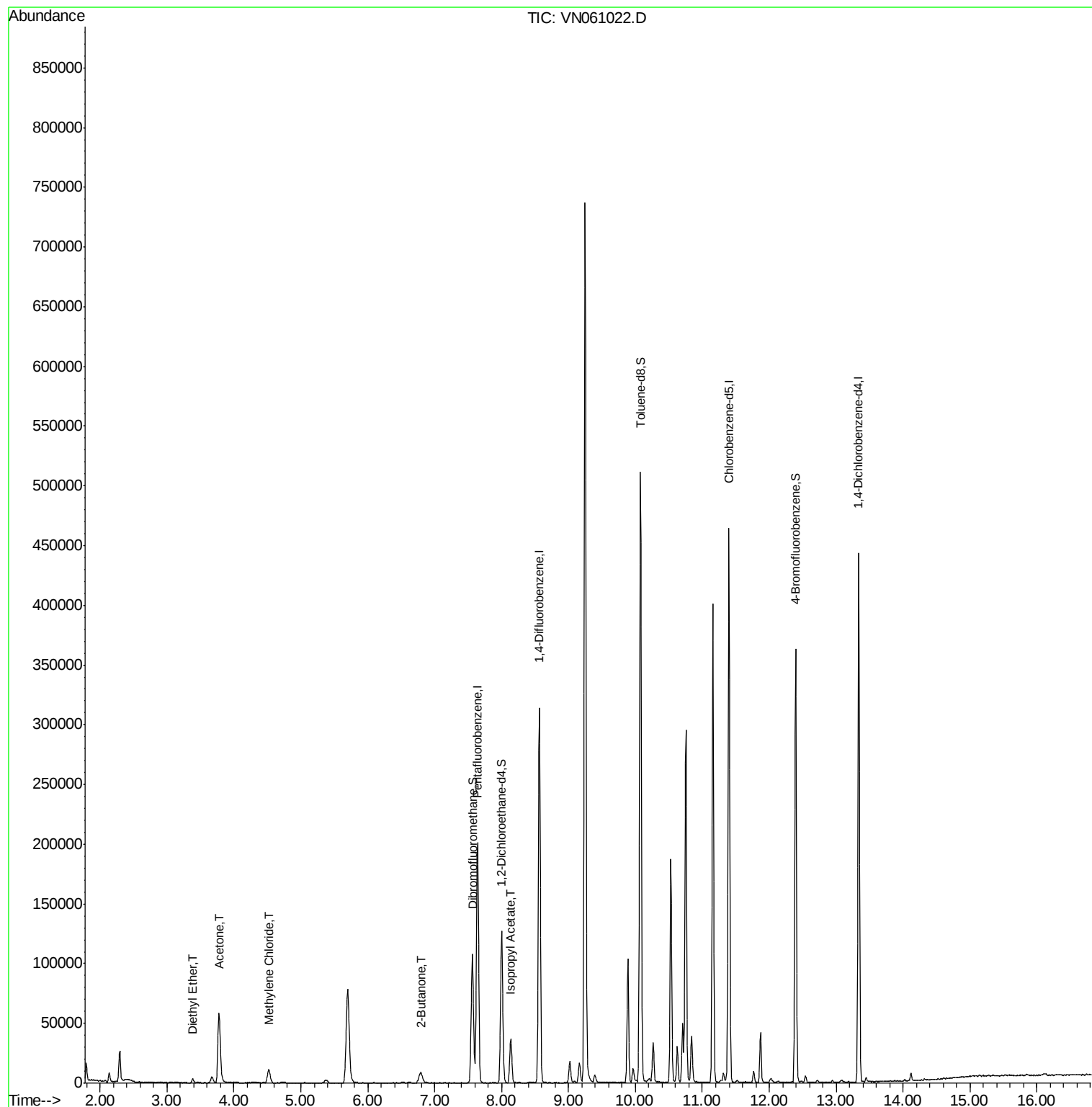
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	164452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	275072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109081	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
35) Dibromofluoromethane	7.56	113	82460	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.08	98	343820	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
62) 4-Bromofluorobenzene	12.39	95	127870	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
Target Compounds						
8) Diethyl Ether	3.39	74	1761	1.468	ug/l	94
16) Acetone	3.78	43	101322	109.407	ug/l	100
20) Methylene Chloride	4.53	84	8708	4.307	ug/l	98
25) 2-Butanone	6.80	43	14026	9.884	ug/l	98
43) Isopropyl Acetate	8.14	43	44276	8.833	ug/l #	91

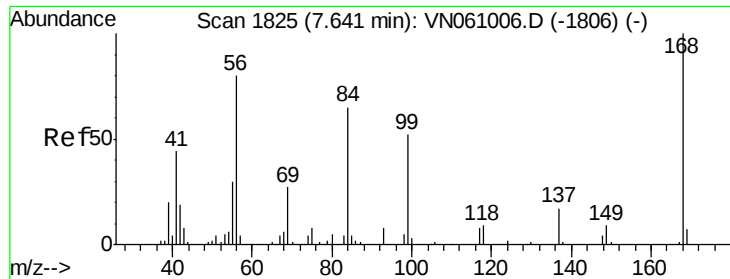
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061022.D
Acq On : 16 Apr 2020 19:20
Operator : JC/MD
Sample : L2284-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-12-SA

Quant Time: Apr 17 04:59:55 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: VN061022.D

Acq: 16 Apr 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

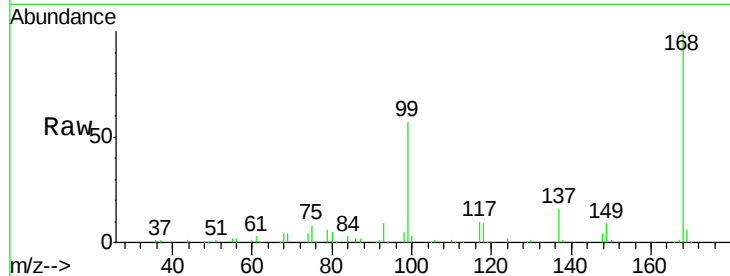
TP-12-SA

Tot Ion:168 Resp: 164452

Ion Ratio Lower Upper

168 100

99 57.3 47.4 71.2



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

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

60000

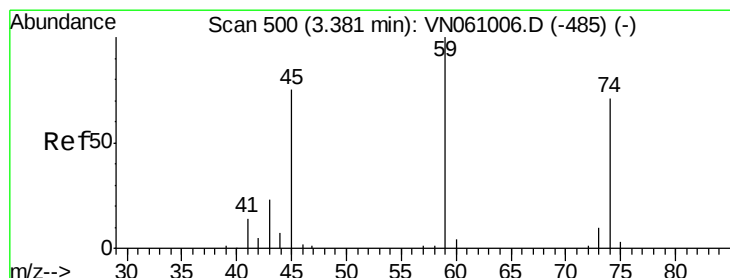
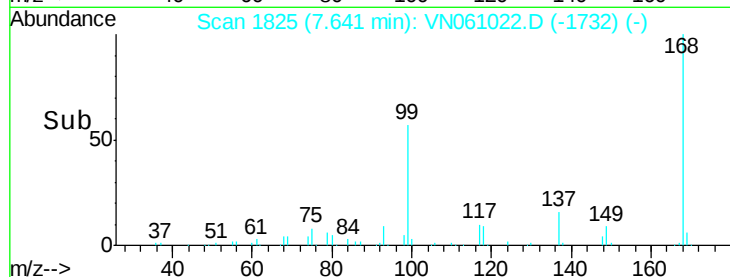
40000

20000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 1.468 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.01 min

Lab File: VN061022.D

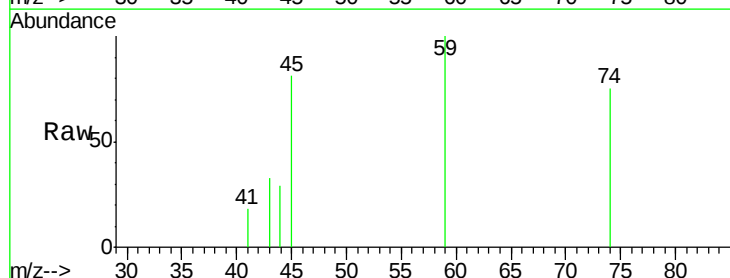
Acq: 16 Apr 2020 19:20

Tgt Ion: 74 Resp: 1761

Ion Ratio Lower Upper

74 100

45 100.2 52.9 158.8



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

Ion 45.00 (44.70 to 45.70): VN061006.D (-485) (-)

3.39

1000

800

600

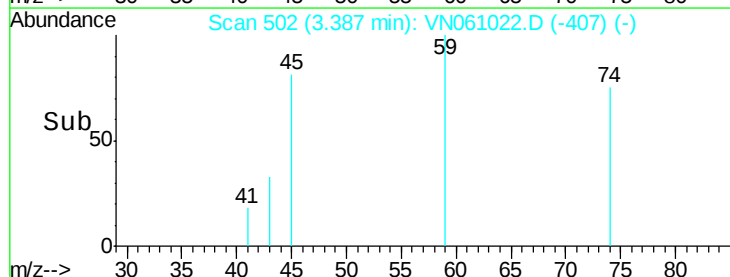
400

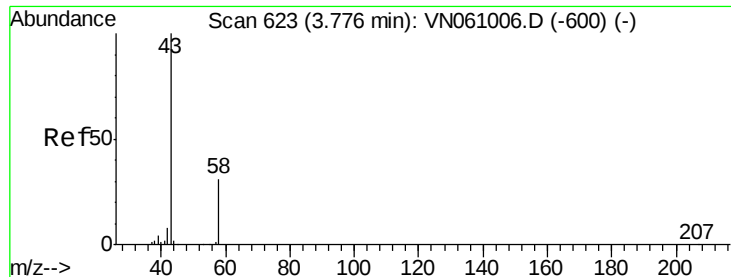
200

0

3.35 3.40

Time-->





#16

Acetone

Concen: 109.407 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

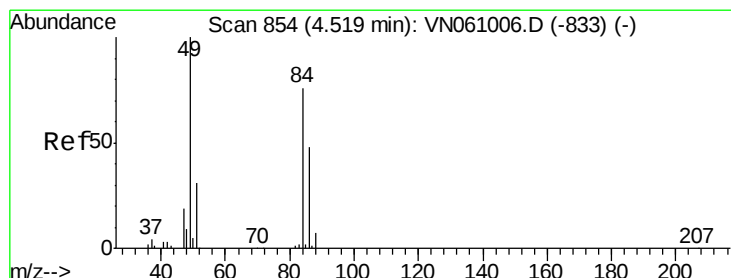
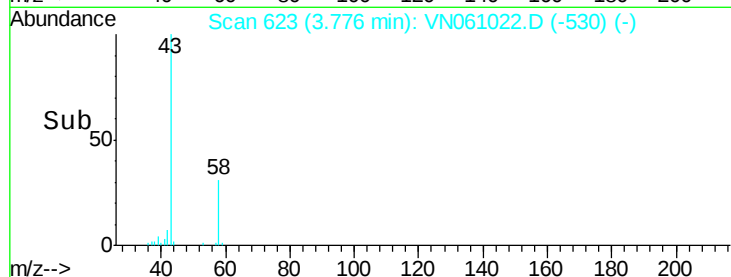
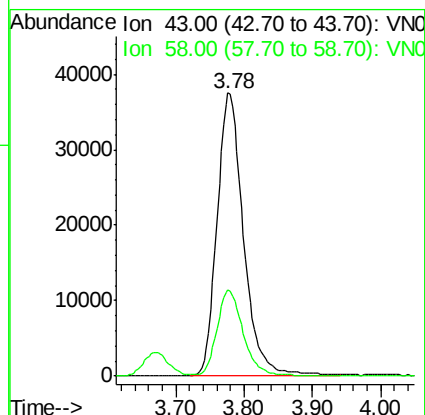
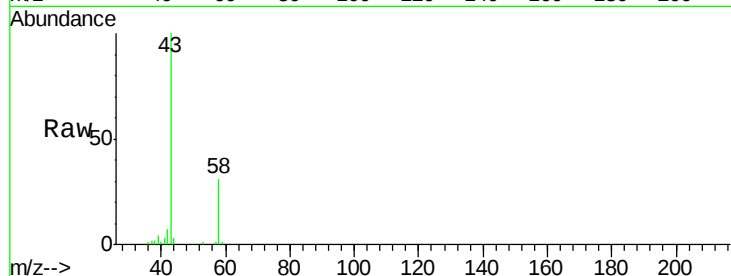
TP-12-SA

Tot Ion: 43 Resp: 101322

Ion Ratio Lower Upper

43 100

58 30.5 24.6 37.0



#20

Methylene Chloride

Concen: 4.307 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.01 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

Tgt Ion: 84 Resp: 8708

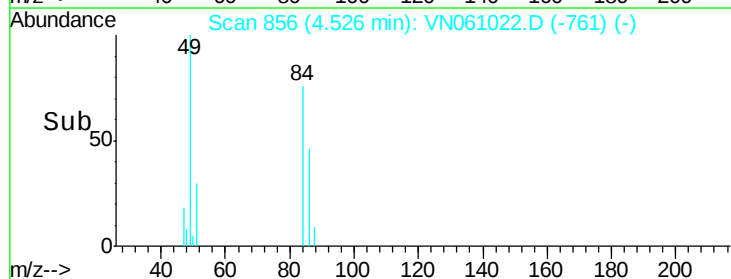
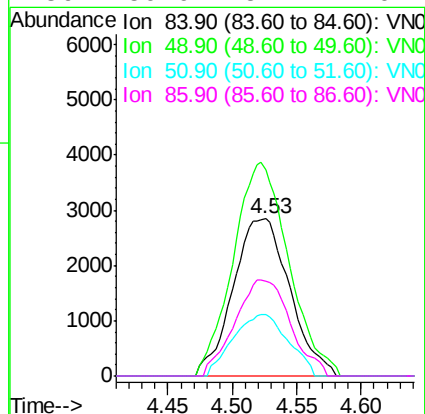
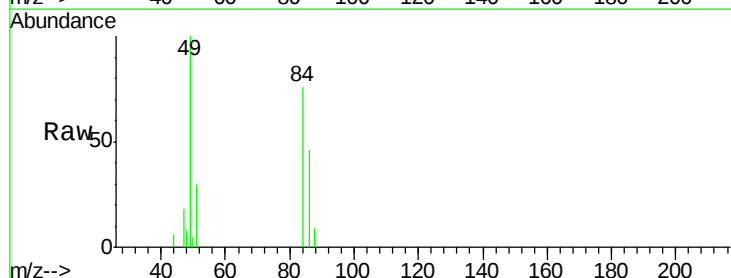
Ion Ratio Lower Upper

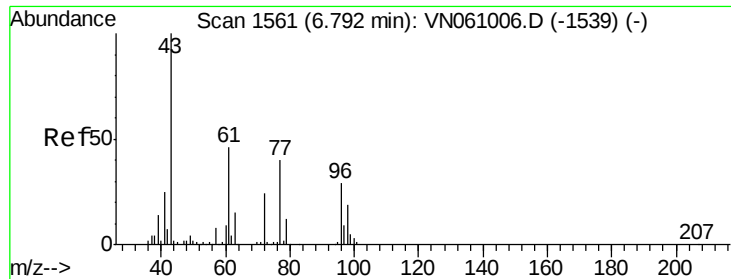
84 100

49 130.7 105.8 158.6

51 39.0 32.4 48.6

86 59.9 51.1 76.7





#25

2-Butanone

Concen: 9.884 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

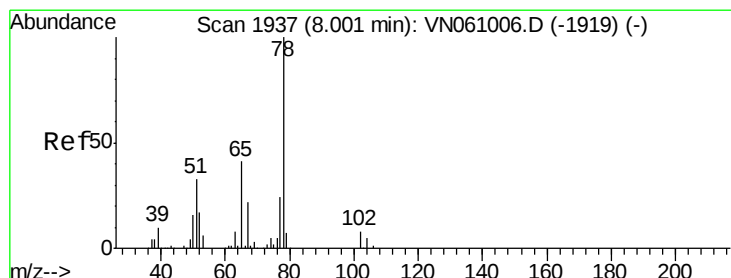
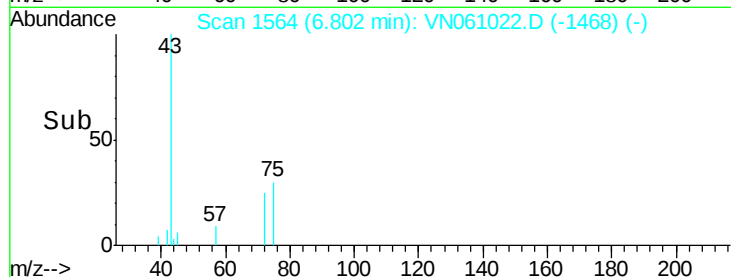
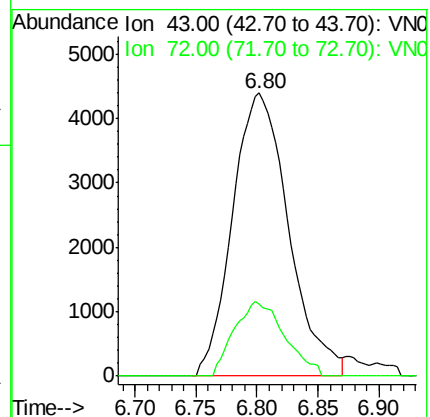
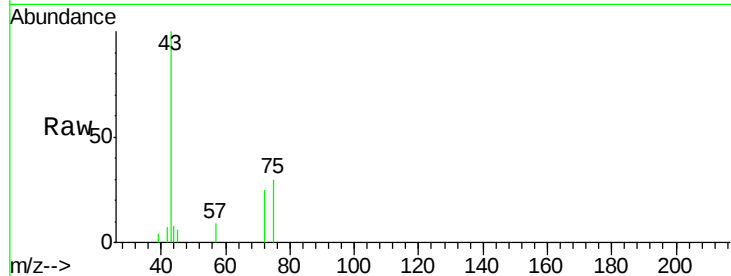
TP-12-SA

Tot Ion: 43 Resp: 14026

Ion Ratio Lower Upper

43 100

72 25.3 19.6 29.4



#33

1,2-Dichloroethane-d4

Concen: 51.843 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061022.D

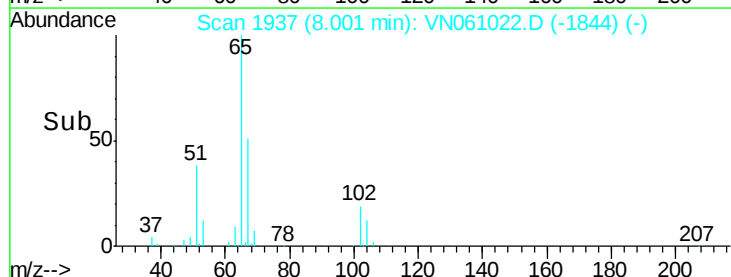
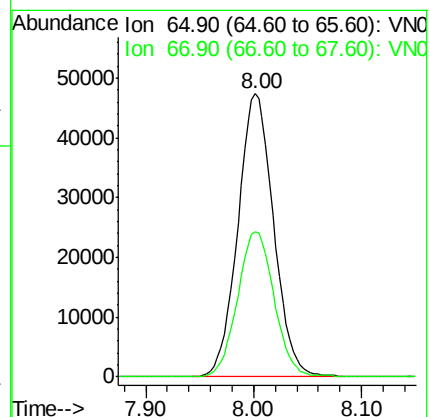
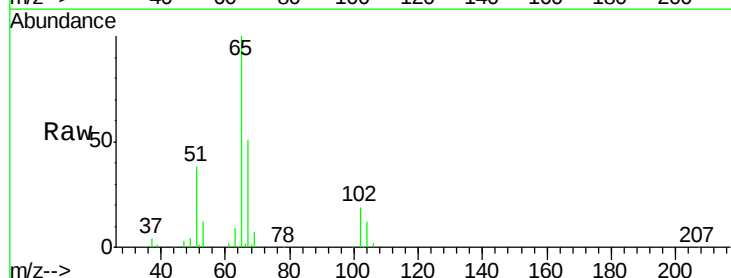
Acq: 16 Apr 2020 19:20

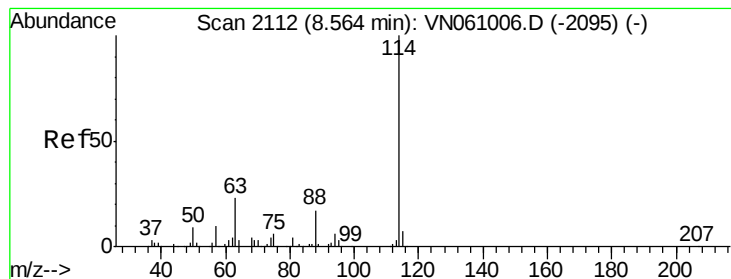
Tgt Ion: 65 Resp: 109081

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

TP-12-SA

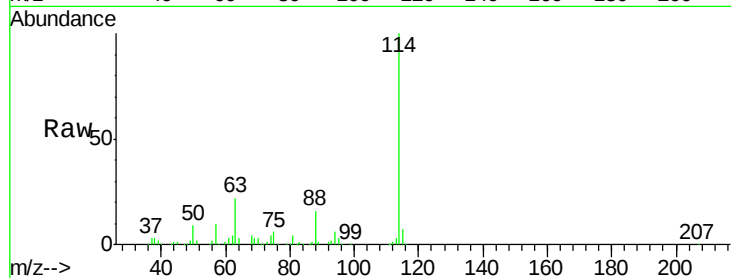
Tot Ion:114 Resp: 275072

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

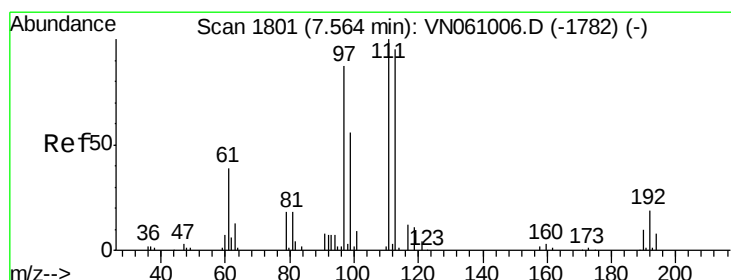
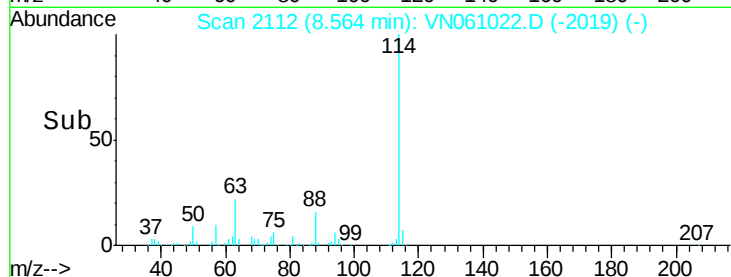
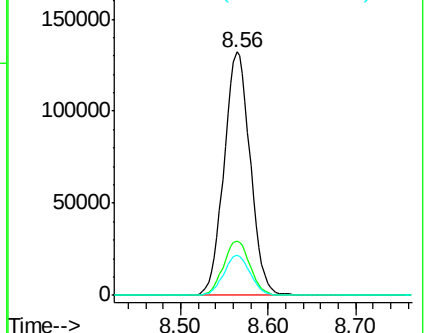
88 16.3 0.0 33.4



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: 51.333 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

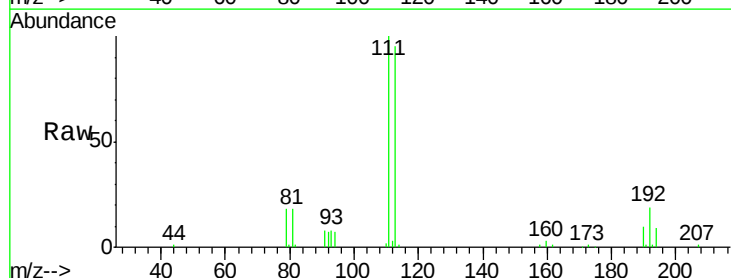
Tgt Ion:113 Resp: 82460

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

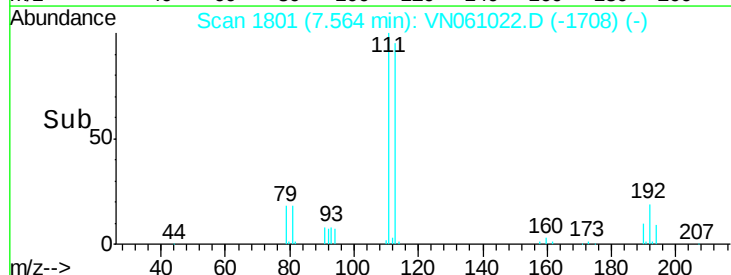
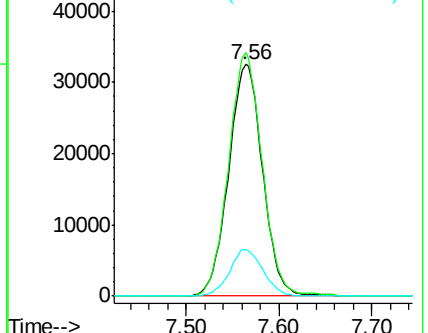
192 19.7 15.5 23.3

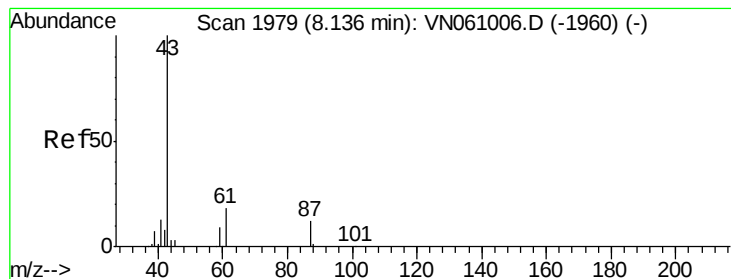


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.833 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

Instrument :

MSVOA_N

ClientSampled :

TP-12-SA

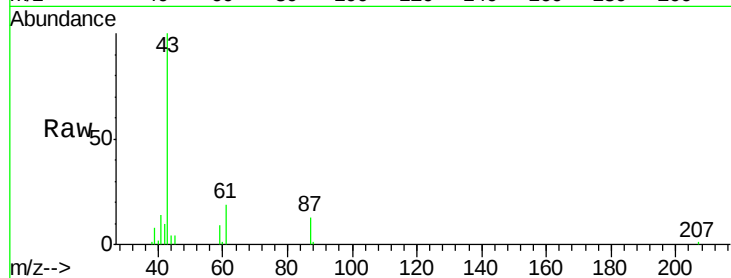
Tot Ion: 43 Resp: 44276

Ion Ratio Lower Upper

43 100

61 18.8 20.3 30.5#

87 12.0 9.4 14.2

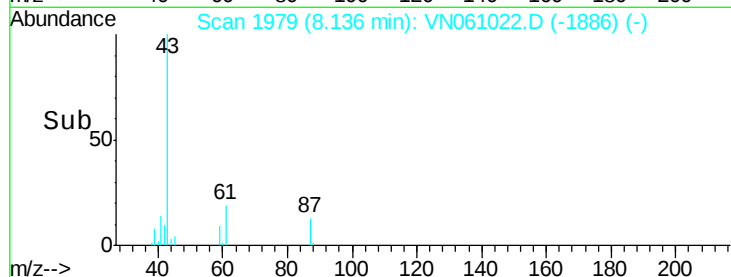


Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)

Ion 61.00 (60.70 to 61.70): VN061006.D (-1960) (-)

Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)

Time-->



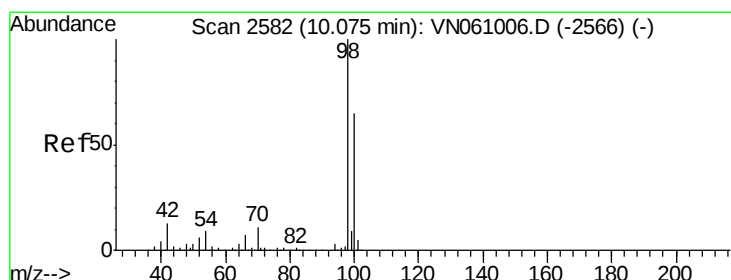
Abundance

Ion 43.00 (42.70 to 43.70): VN061022.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061022.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061022.D (-1886) (-)

Time-->



#50

Toluene-d8

Concen: 56.641 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061022.D

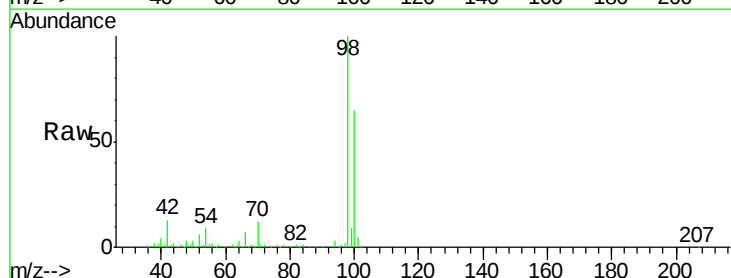
Acq: 16 Apr 2020 19:20

Tgt Ion: 98 Resp: 343820

Ion Ratio Lower Upper

98 100

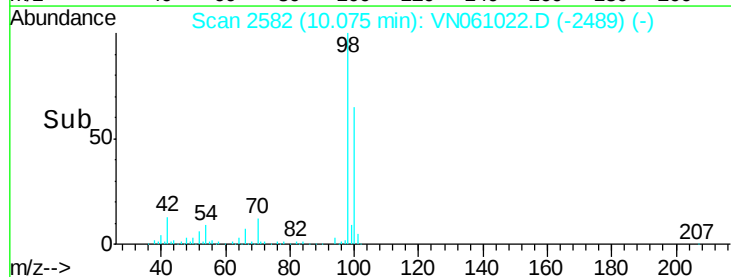
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061006.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN061006.D (-2566) (-)

Time-->

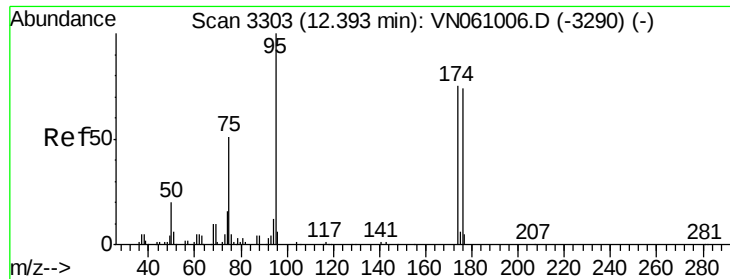


Abundance

Ion 98.00 (97.70 to 98.70): VN061022.D (-2489) (-)

Ion 100.00 (99.70 to 100.70): VN061022.D (-2489) (-)

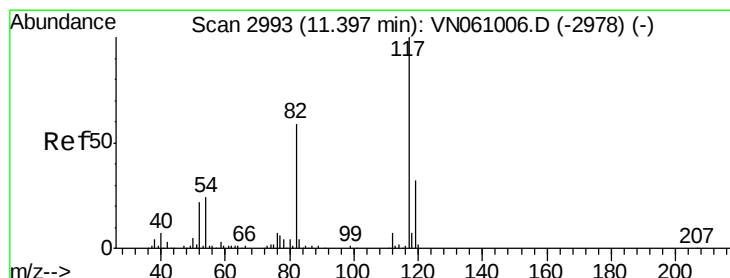
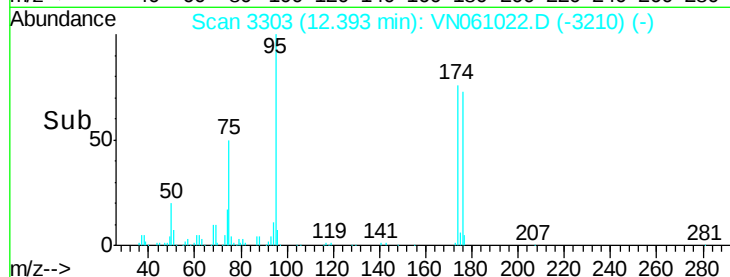
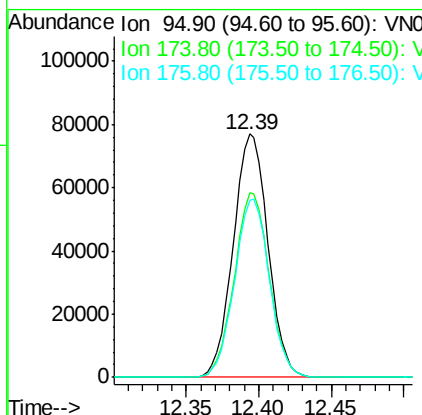
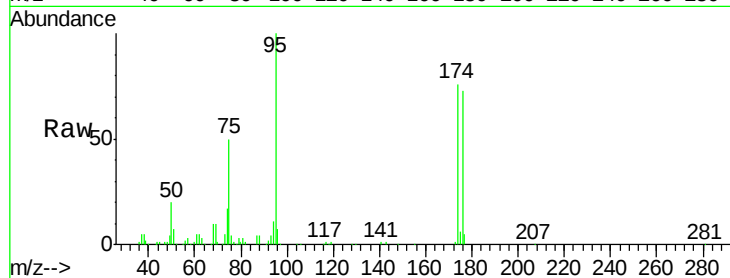
Time-->



#62
4-Bromofluorobenzene
Concen: 53.747 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.00 min
Lab File: VN061022.D
Acq: 16 Apr 2020 19:20

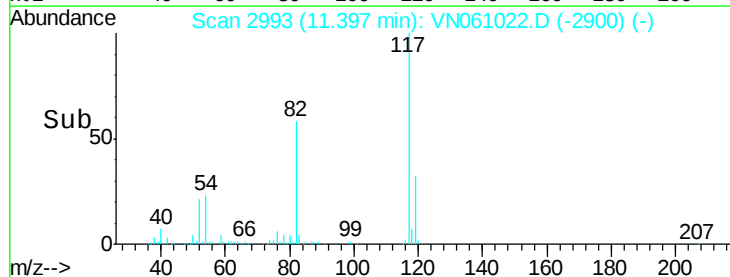
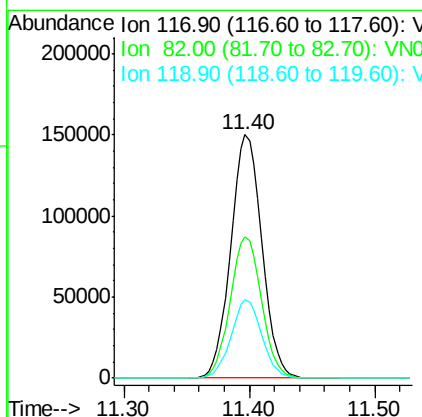
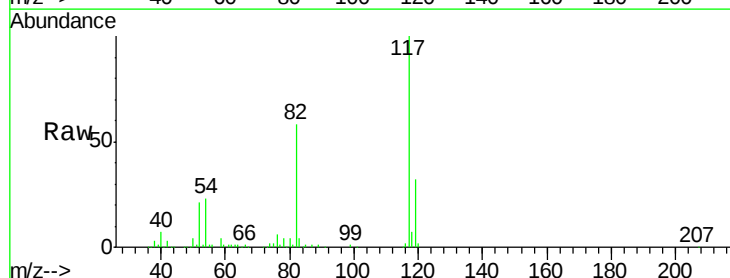
Instrument :
MSVOA_N
ClientSampled :
TP-12-SA

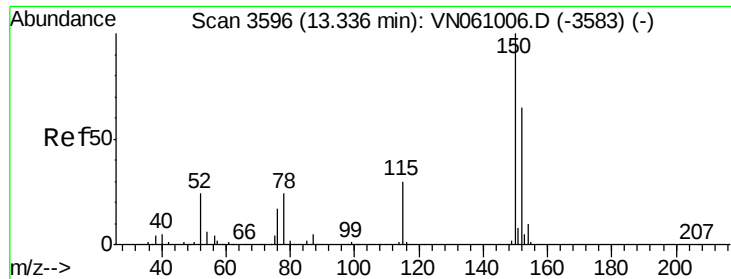
Tot Ion: 95 Resp: 127870
Ion Ratio Lower Upper
95 100
174 76.5 0.0 151.2
176 73.4 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061022.D
Acq: 16 Apr 2020 19:20

Tgt Ion: 117 Resp: 258645
Ion Ratio Lower Upper
117 100
82 58.1 47.1 70.7
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061022.D

Acq: 16 Apr 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

TP-12-SA

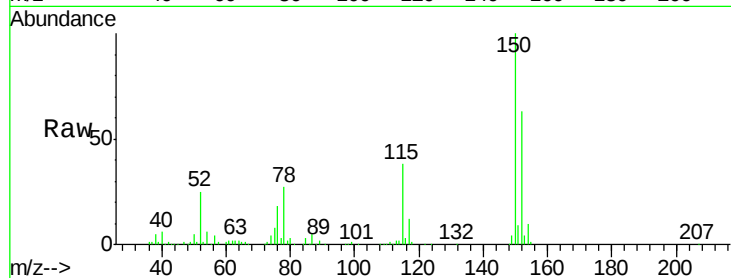
Tot Ion:152 Resp: 114604

Ion Ratio Lower Upper

152 100

115 60.5 30.8 92.4

150 157.5 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

