

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061725.D
 Acq On : 9 Jun 2020 14:50
 Operator : JC/MD
 Sample : L2950-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11939

Quant Time: Jun 10 03:55:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

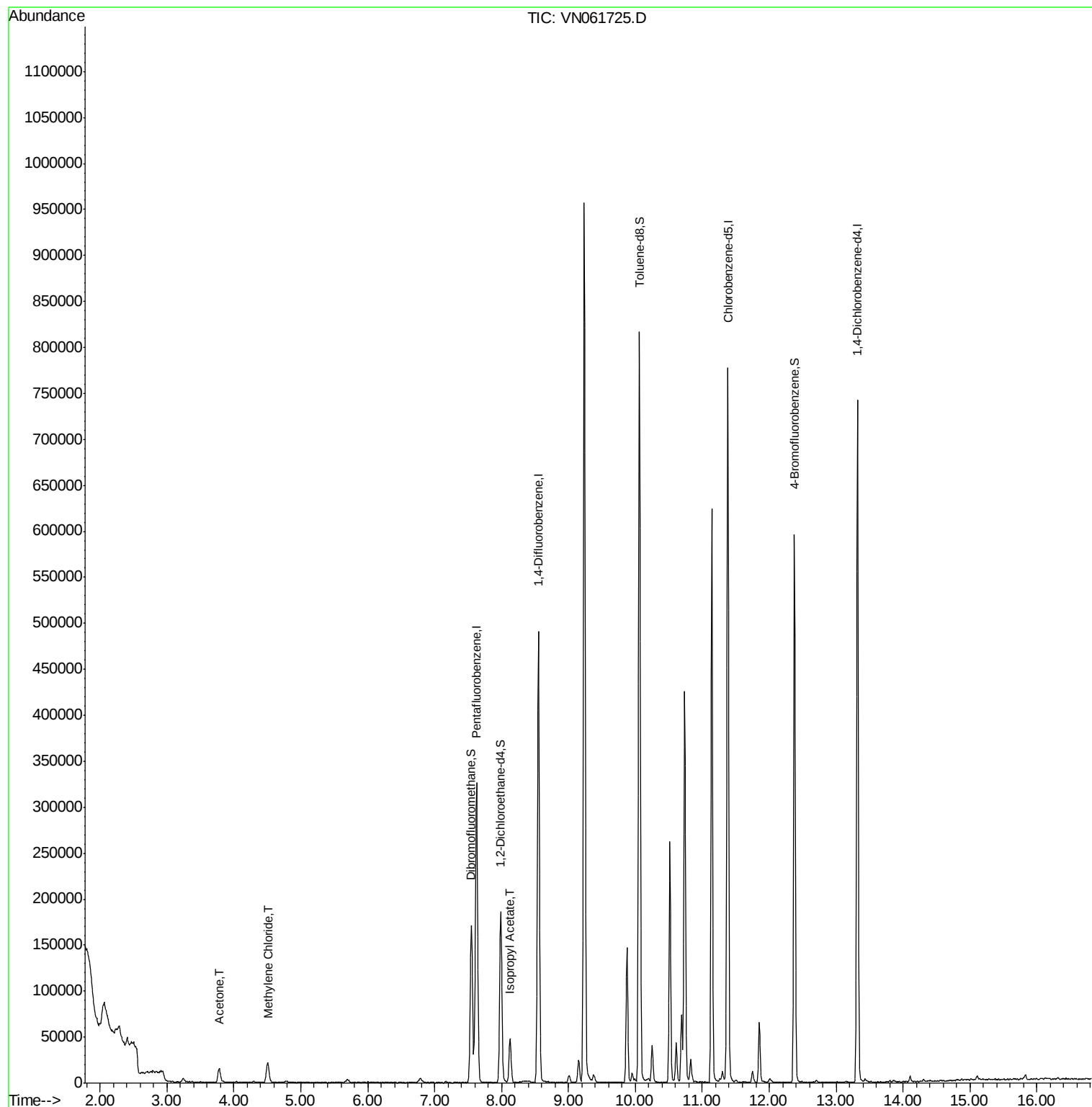
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	275487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	474090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	156225	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.55	113	132107	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
50) Toluene-d8	10.06	98	584470	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.38	95	207166	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
Target Compounds						
16) Acetone	3.78	43	25388	22.421	ug/l	96
20) Methylene Chloride	4.51	84	17876	4.406	ug/l	95
43) Isopropyl Acetate	8.13	43	53266	8.759	ug/l #	90

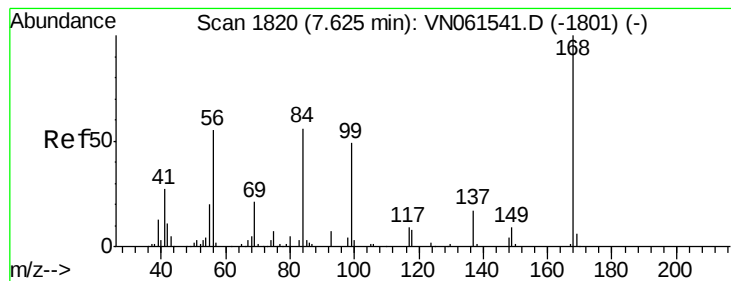
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061725.D

Acq: 9 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampled :

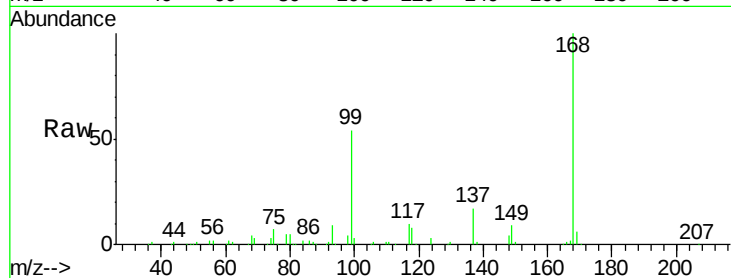
72-11939

Tot Ion:168 Resp: 275487

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

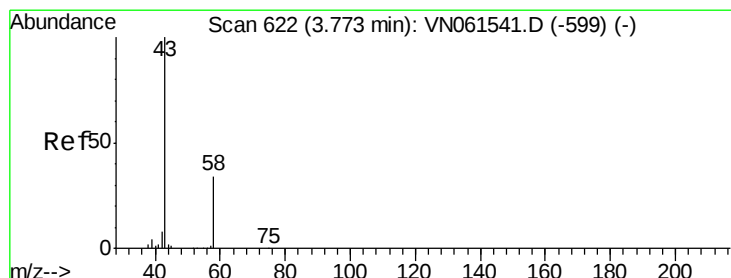
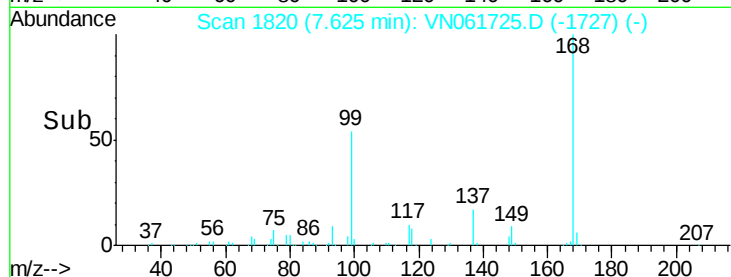
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 22.421 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061725.D

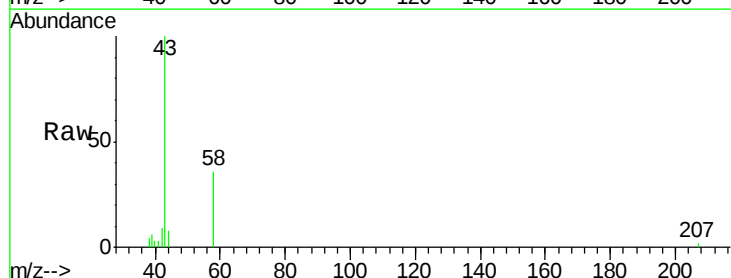
Acq: 9 Jun 2020 14:50

Tgt Ion: 43 Resp: 25388

Ion Ratio Lower Upper

43 100

58 36.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

10000

8000

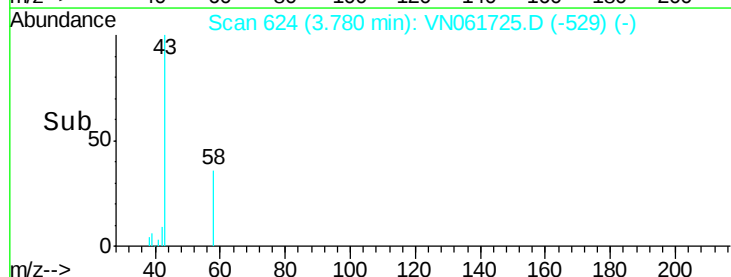
6000

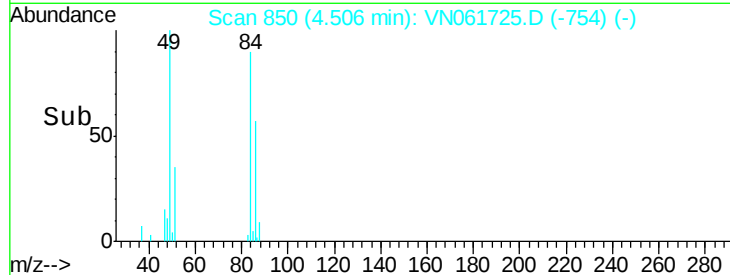
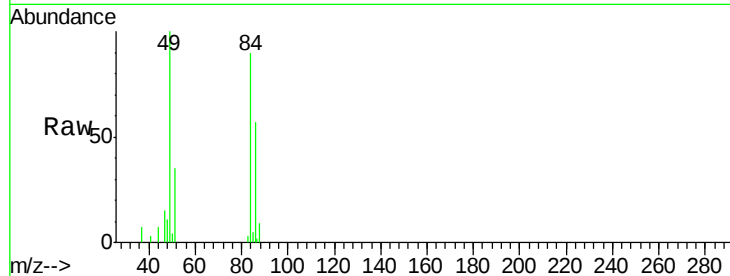
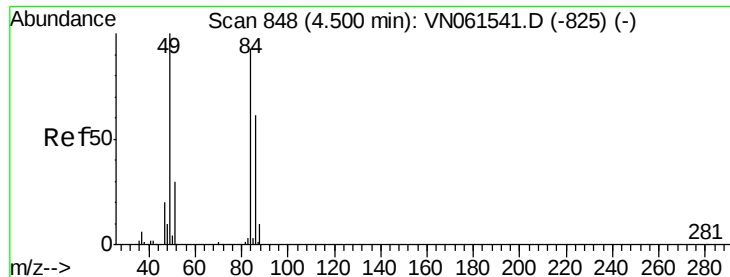
4000

2000

0

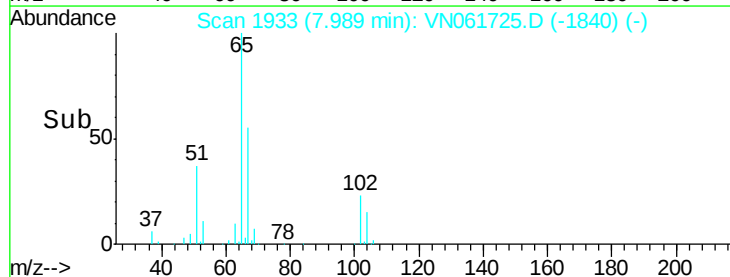
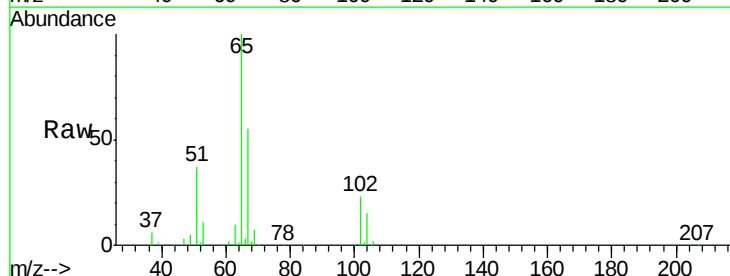
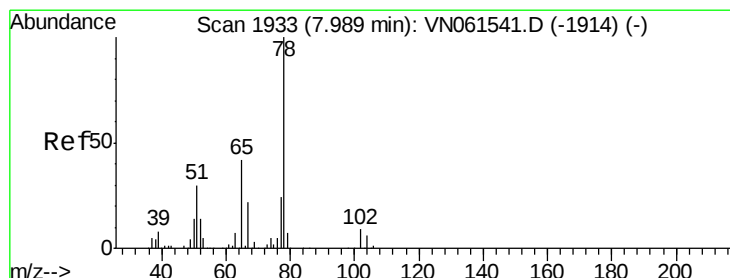
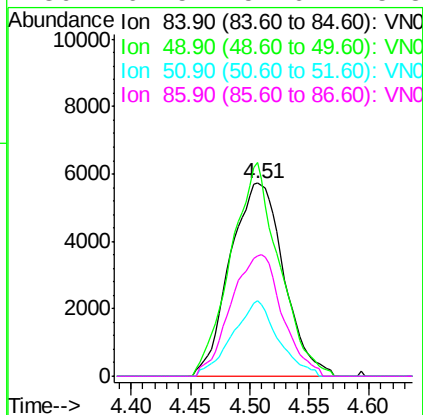
Time--> 3.70 3.80 3.90





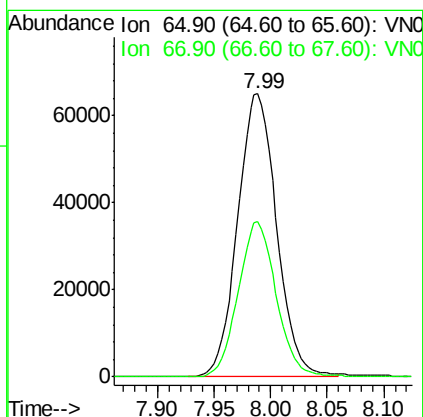
#20
Methvlene Chloride
Concen: 4.406 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061725.D
Acq: 9 Jun 2020 14:50

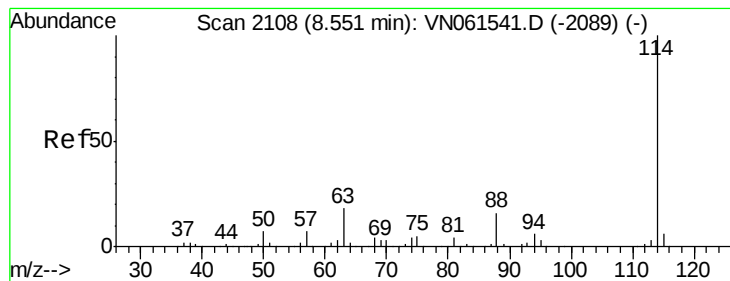
Tot Ion:	84	Resp:	17876
Ion	Ratio	Lower	Upper
84	100		
49	110.6	85.8	128.8
51	39.2	26.2	39.2
86	62.5	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 47.597 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061725.D
Acq: 9 Jun 2020 14:50

Tgt Ion:	65	Resp:	156225
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061725.D

Acq: 9 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

72-11939

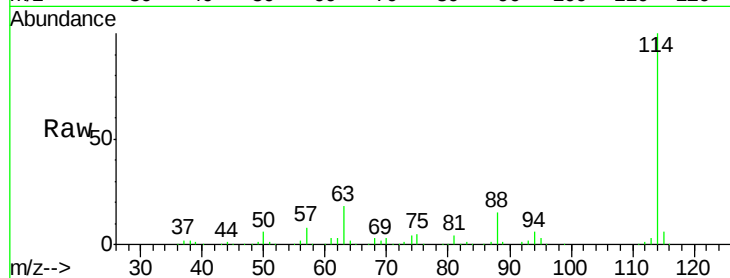
Tot Ion:114 Resp: 474090

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

88 14.7 0.0 31.0



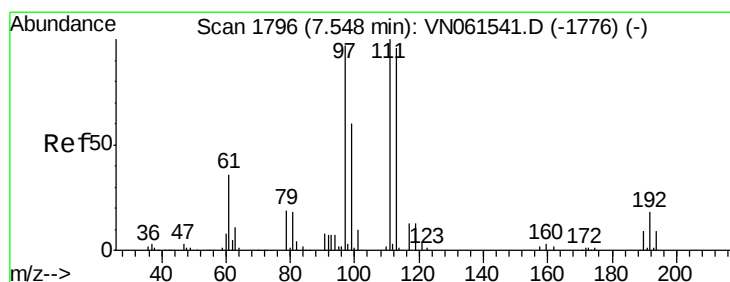
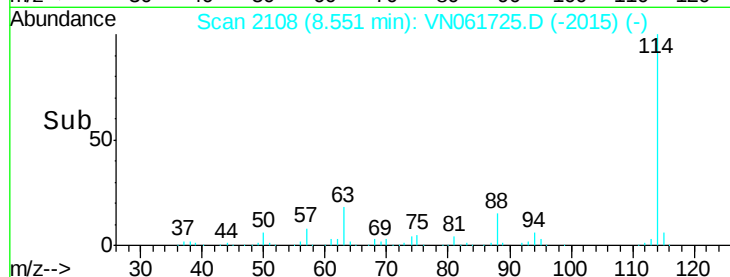
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.55

Time-->



#35

Dibromofluoromethane

Concen: 54.931 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061725.D

Acq: 9 Jun 2020 14:50

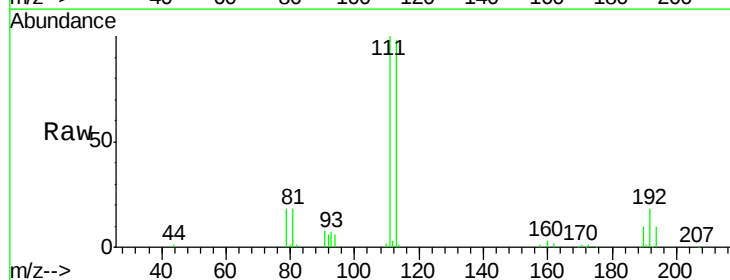
Tgt Ion:113 Resp: 132107

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 19.1 15.4 23.2



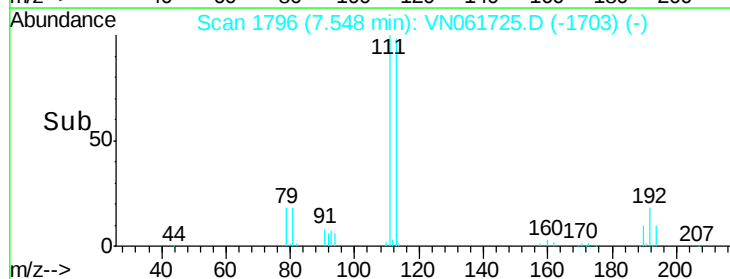
Abundance Ion 112.80 (112.50 to 113.50): V

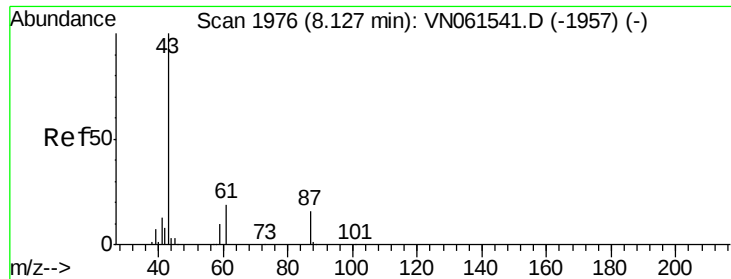
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.55

Time-->





#43

Isopropyl Acetate

Concen: 8.759 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061725.D

Acq: 9 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

72-11939

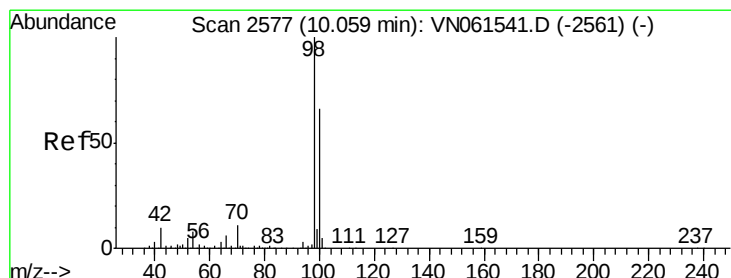
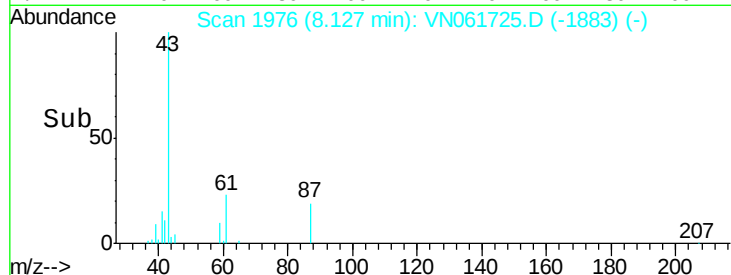
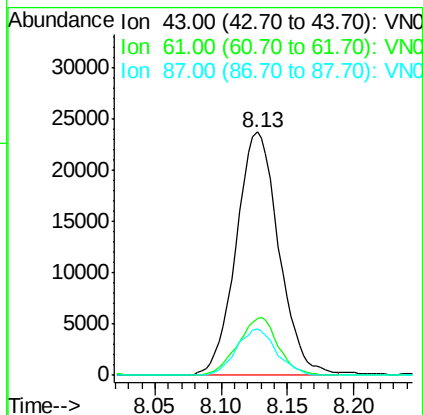
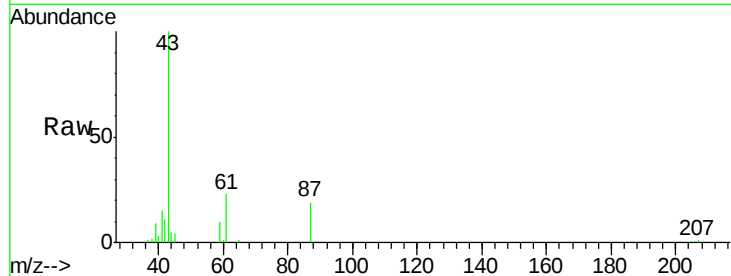
Tot Ion: 43 Resp: 53266

Ion Ratio Lower Upper

43 100

61 22.3 23.6 35.4#

87 17.8 13.0 19.6



#50

Toluene-d8

Concen: 52.443 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061725.D

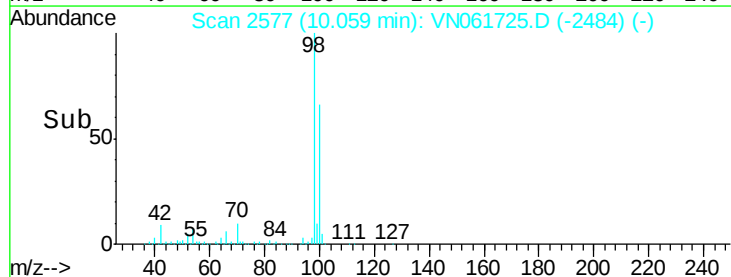
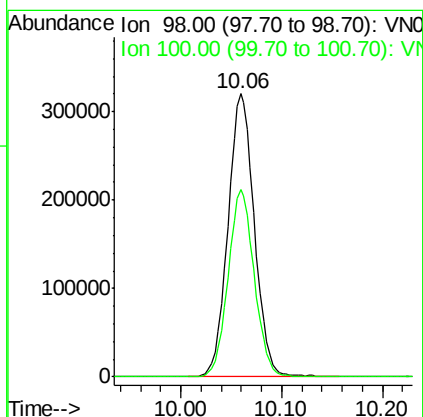
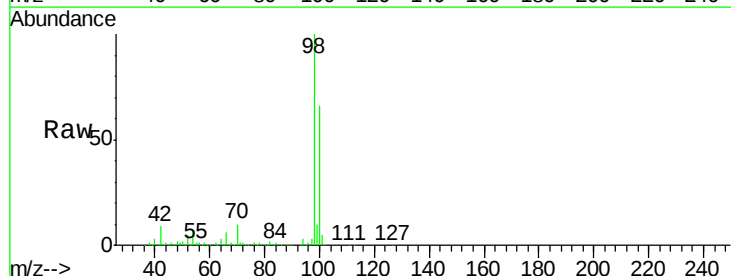
Acq: 9 Jun 2020 14:50

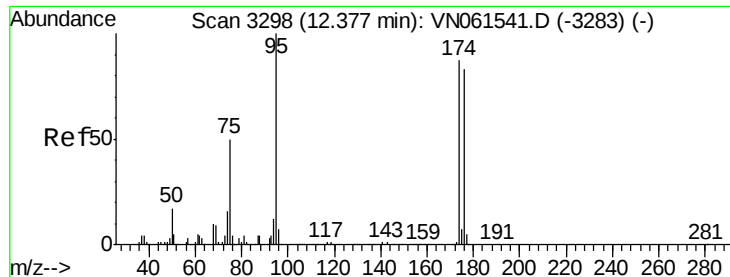
Tgt Ion: 98 Resp: 584470

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

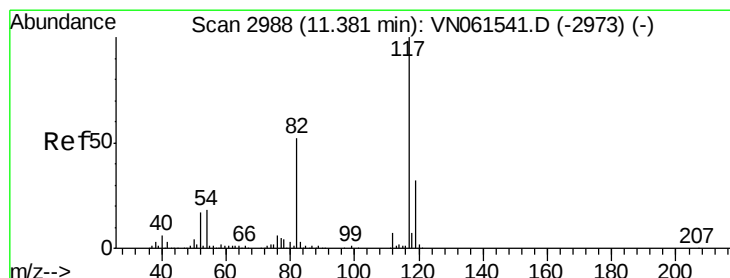
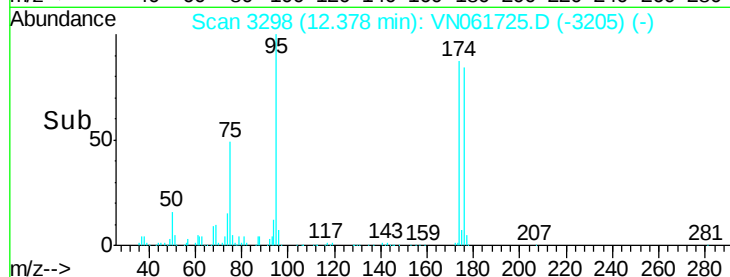
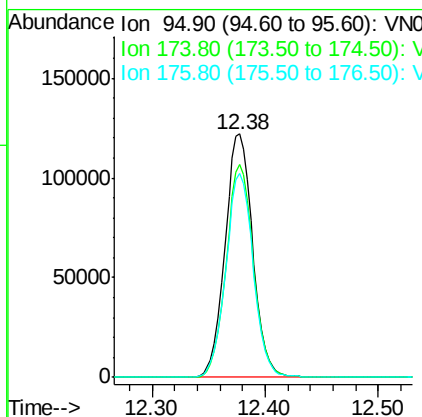
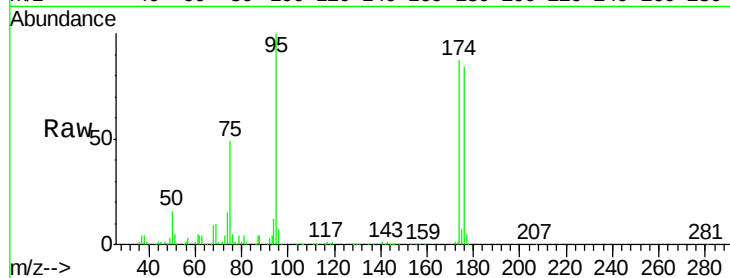




#62
4-Bromofluorobenzene
Concen: 50.950 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061725.D
Acq: 9 Jun 2020 14:50

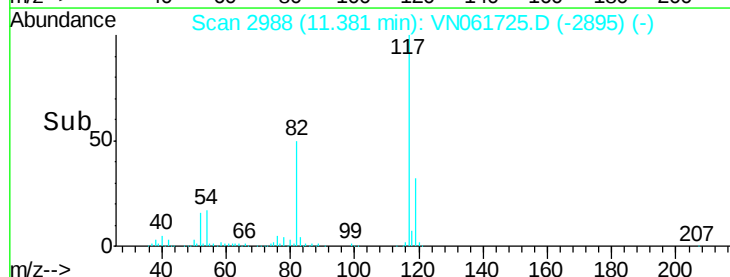
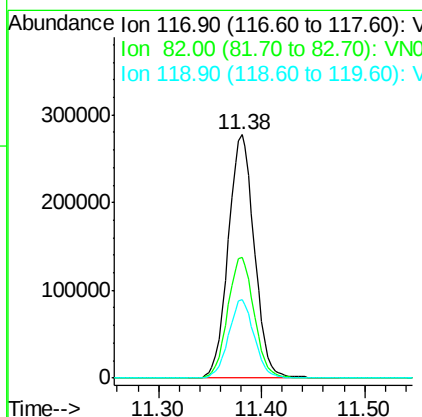
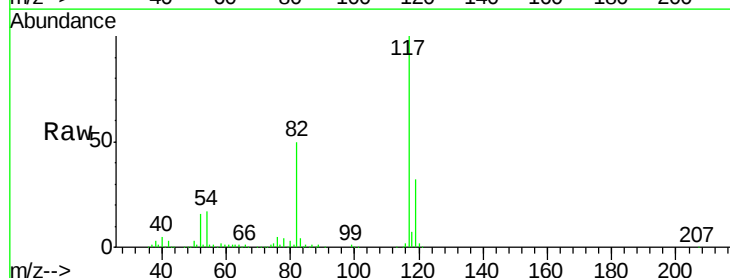
Instrument :
MSVOA_N
ClientSampleId :
72-11939

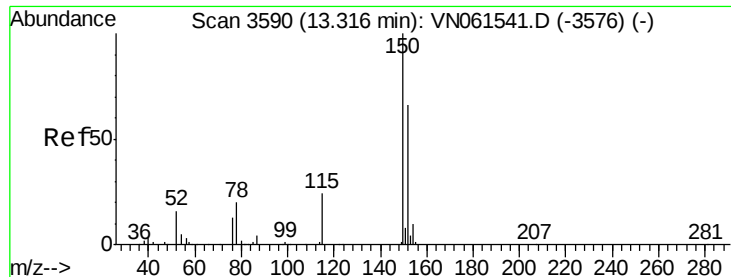
Tot Ion	95	Resp	207166
Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	172.8
176	83.2	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061725.D
Acq: 9 Jun 2020 14:50

Tgt Ion	117	Resp	488985
Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.5	62.3
119	32.2	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061725.D

Acq: 9 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

72-11939

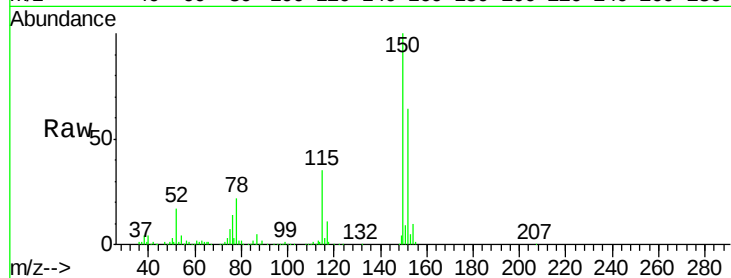
Tot Ion:152 Resp: 213920

Ion Ratio Lower Upper

152 100

115 56.6 28.0 84.0

150 157.8 0.0 344.0



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

