

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061695.D
 Acq On : 8 Jun 2020 14:57
 Operator : JC/MD
 Sample : L2886-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GEN

Quant Time: Jun 09 04:03:29 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

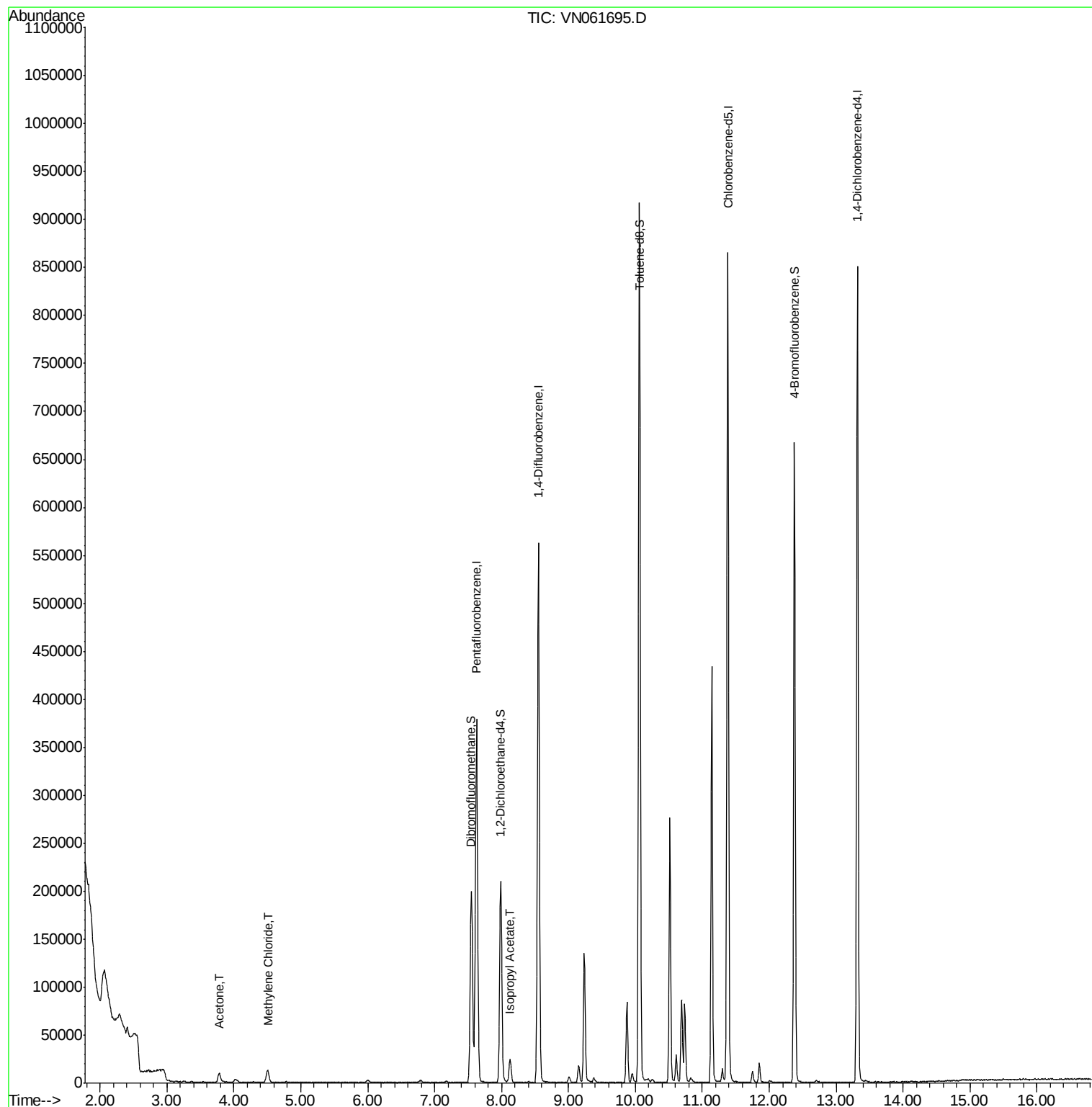
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	320980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	542630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	246411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178717	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	7.55	113	154076	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
50) Toluene-d8	10.06	98	655556	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.37	95	233393	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
Target Compounds						
16) Acetone	3.78	43	16162	9.366	ug/l	93
20) Methylene Chloride	4.50	84	10666	1.377	ug/l	90
43) Isopropyl Acetate	8.12	43	28097	4.045	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: VN061695.D

Acq: 8 Jun 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

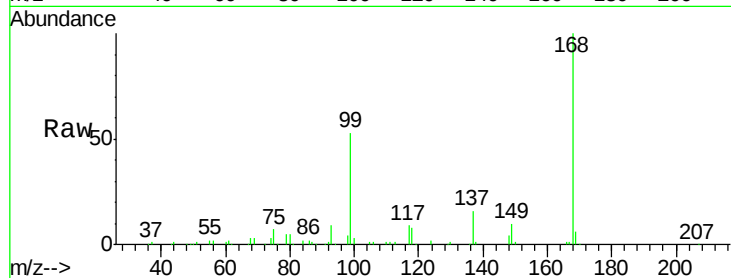
GEN

Tot Ion:168 Resp: 320980

Ion Ratio Lower Upper

168 100

99 52.7 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

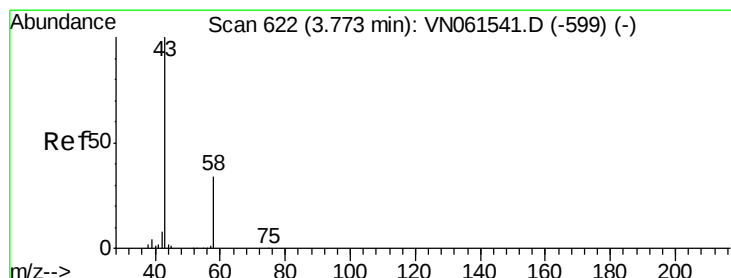
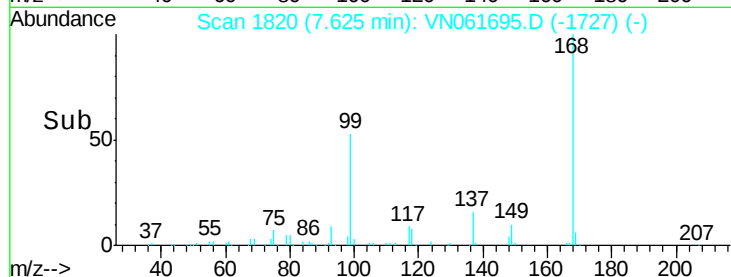
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.366 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061695.D

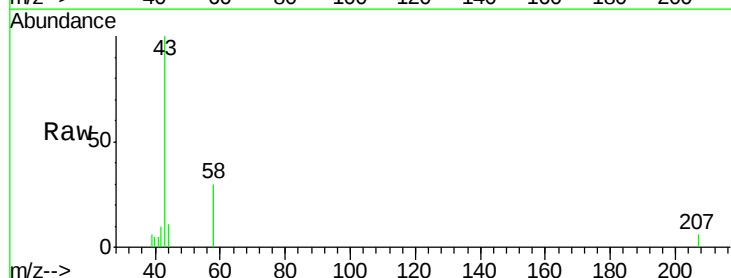
Acq: 8 Jun 2020 14:57

Tgt Ion: 43 Resp: 16162

Ion Ratio Lower Upper

43 100

58 29.9 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

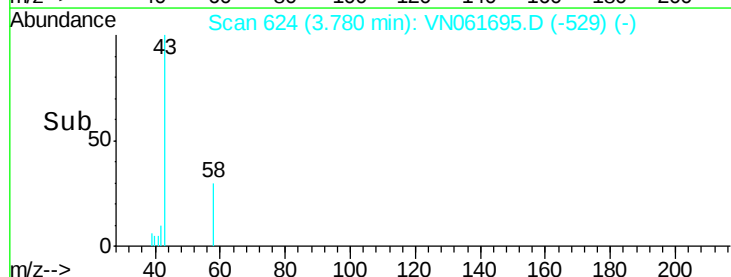
6000

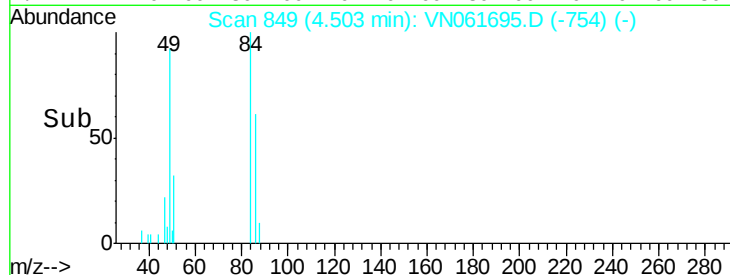
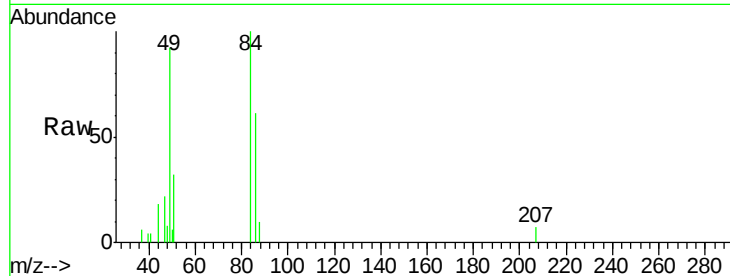
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

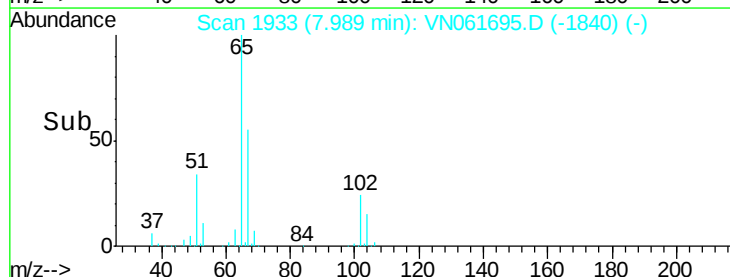
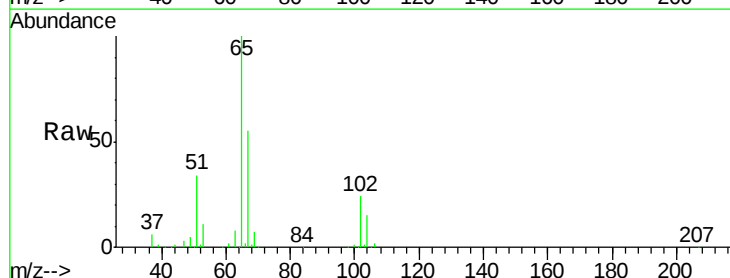
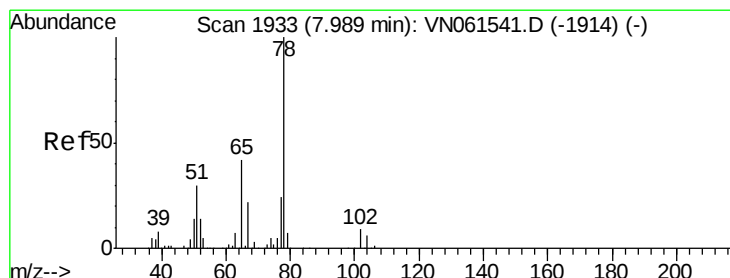
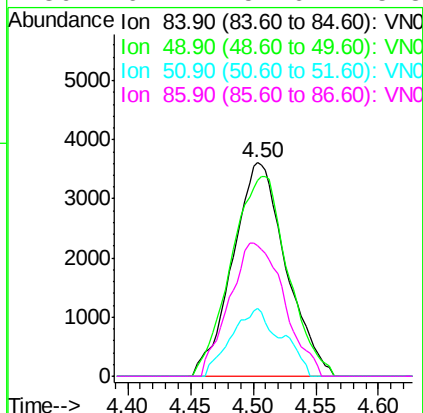




#20
Methvlene Chloride
Concen: 1.377 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061695.D
Acq: 8 Jun 2020 14:57

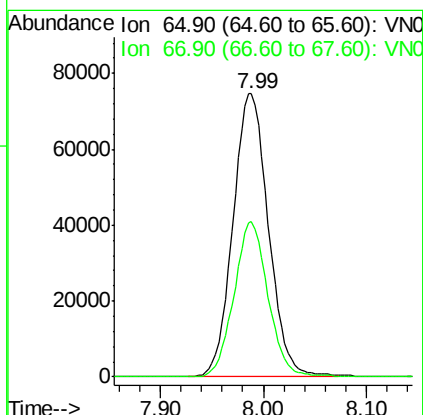
Instrument :
MSVOA_N
ClientSampled :
GEN

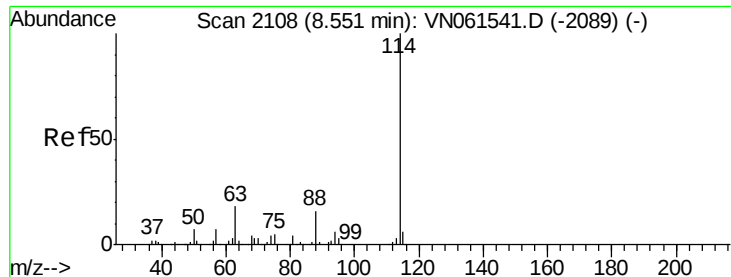
Tot Ion: 84	Resp: 10666
Ion Ratio	Lower Upper
84 100	
49 92.0	85.8 128.8
51 32.1	26.2 39.2
86 61.2	52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 46.732 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061695.D
Acq: 8 Jun 2020 14:57

Tgt Ion: 65	Resp: 178717
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 104.8

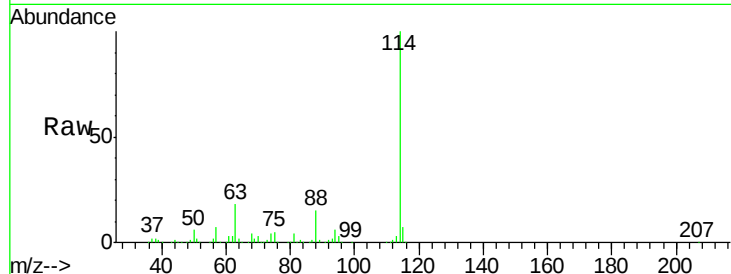




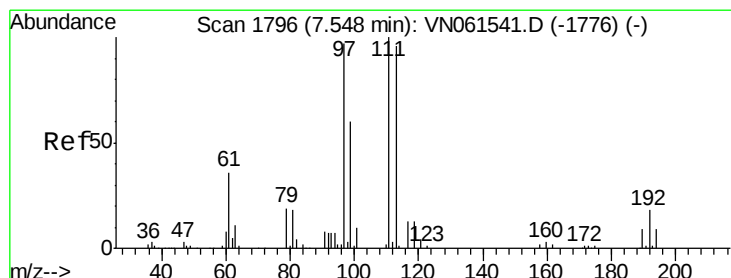
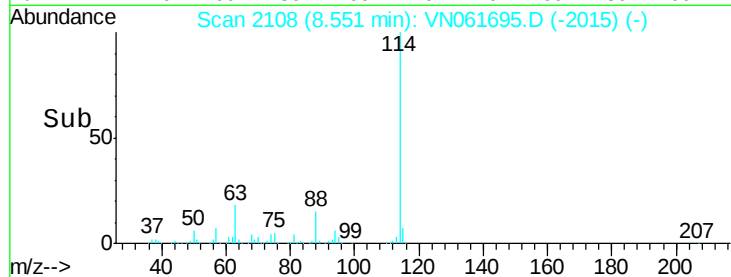
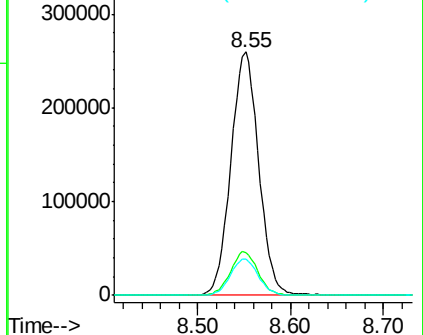
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061695.D
Acq: 8 Jun 2020 14:57

Instrument :
MSVOA_N
ClientSampleId :
GEN

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.8
88	14.8	0.0	31.0

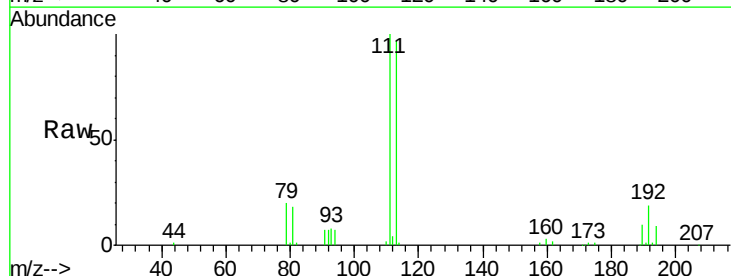


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

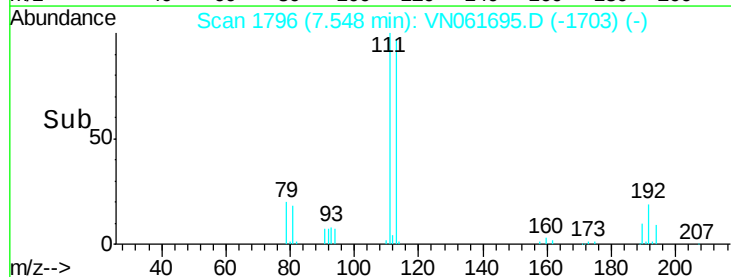
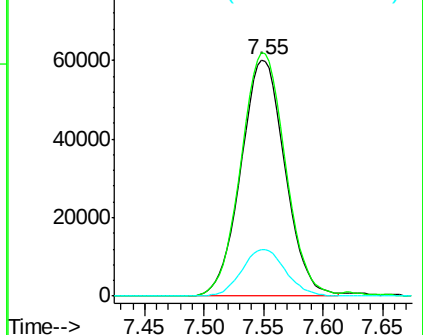


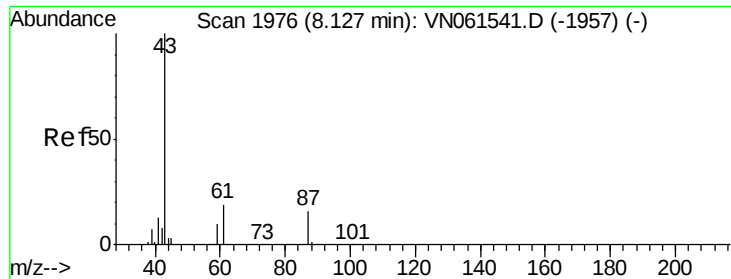
#35
Dibromofluoromethane
Concen: 56.087 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061695.D
Acq: 8 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.0
192	19.7	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





#43

Isopropyl Acetate

Concen: 4.045 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061695.D

Acq: 8 Jun 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

GEN

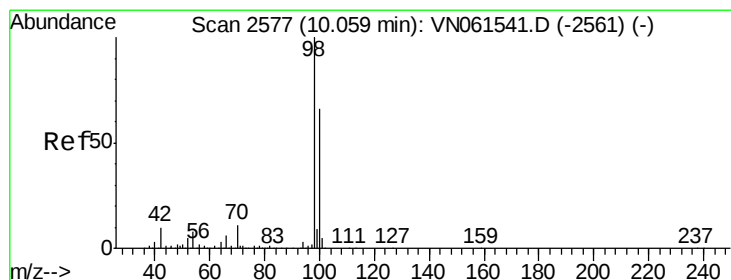
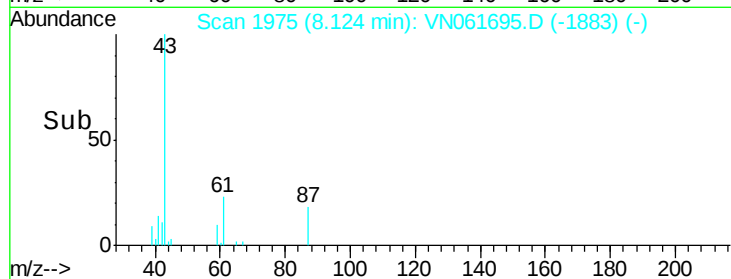
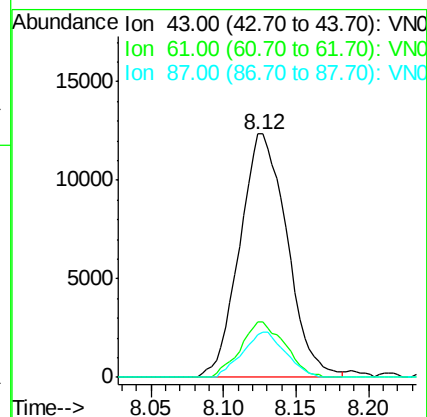
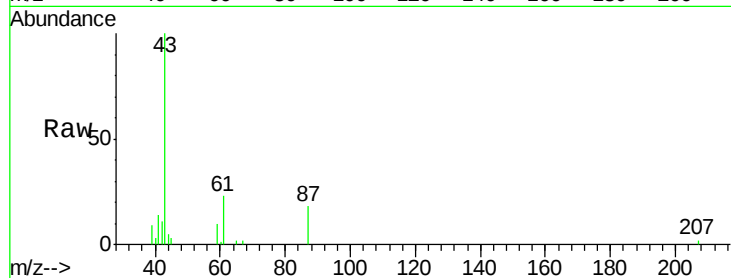
Tot Ion: 43 Resp: 28097

Ion Ratio Lower Upper

43 100

61 21.3 23.6 35.4#

87 16.7 13.0 19.6



#50

Toluene-d8

Concen: 51.495 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061695.D

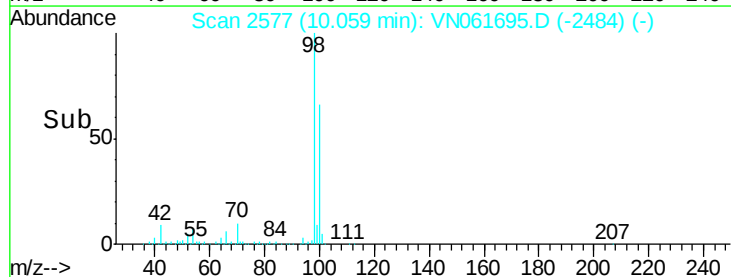
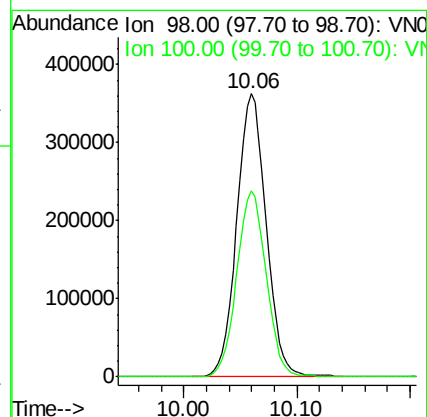
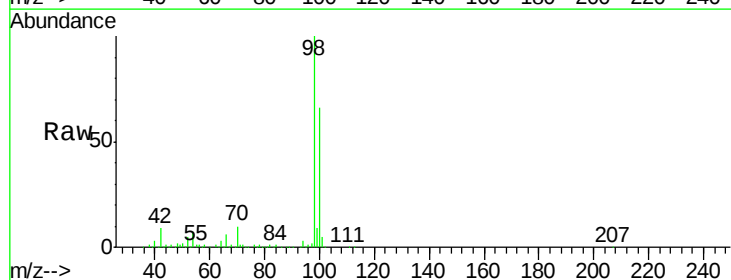
Acq: 8 Jun 2020 14:57

Tgt Ion: 98 Resp: 655556

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2

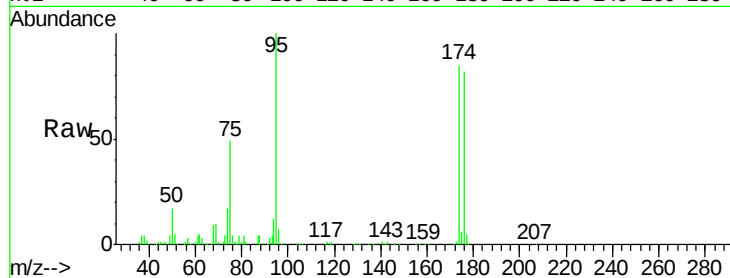




#62
4-Bromofluorobenzene
Concen: 50.252 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061695.D
Acq: 8 Jun 2020 14:57

Instrument :
MSVOA_N
ClientSampleId :
GEN

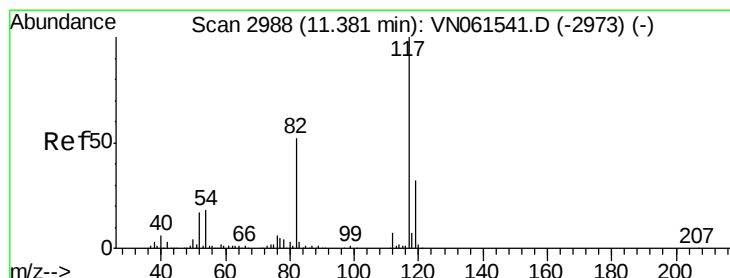
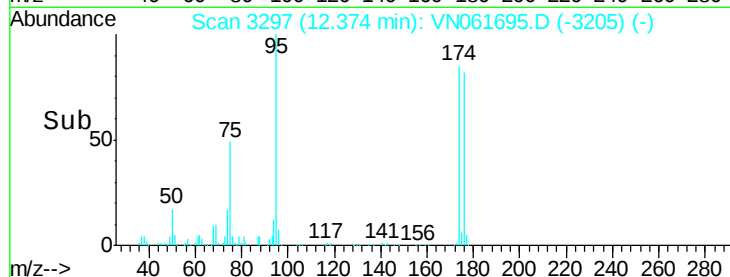
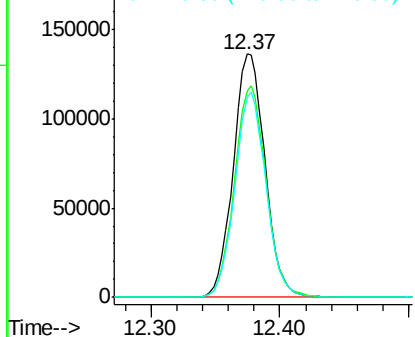
Tot Ion	95	Resp	233393
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	172.8
176	82.7	0.0	164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

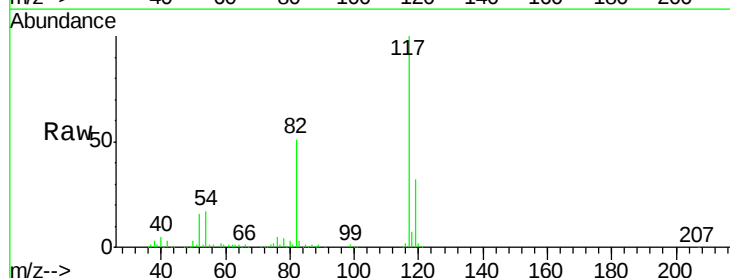
Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061695.D
Acq: 8 Jun 2020 14:57

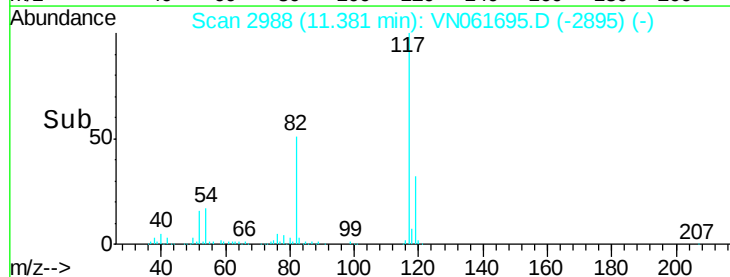
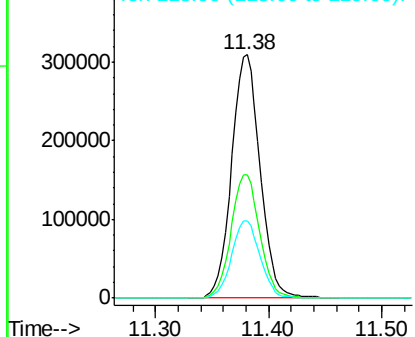
Tgt Ion	117	Resp	542630
Ion Ratio	Lower	Upper	
117	100		
82	50.6	41.5	62.3
119	31.9	25.6	38.4

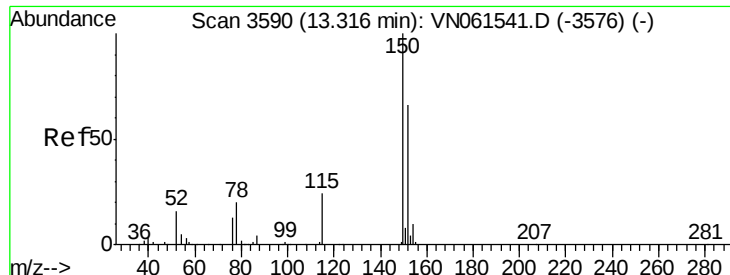


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061695.D

Acq: 8 Jun 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

GEN

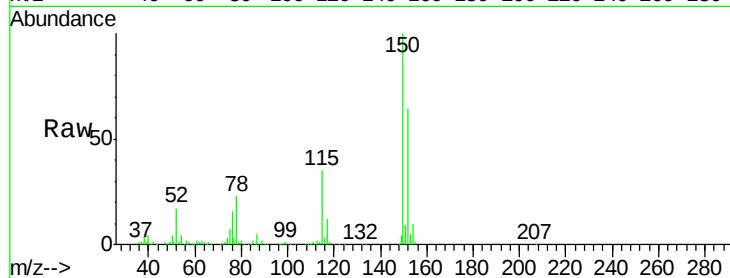
Tot Ion:152 Resp: 246411

Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

150 154.6 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

