

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061579.D
 Acq On : 29 May 2020 19:53
 Operator : JC/MD
 Sample : L2790-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-D

Quant Time: May 30 07:06:34 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

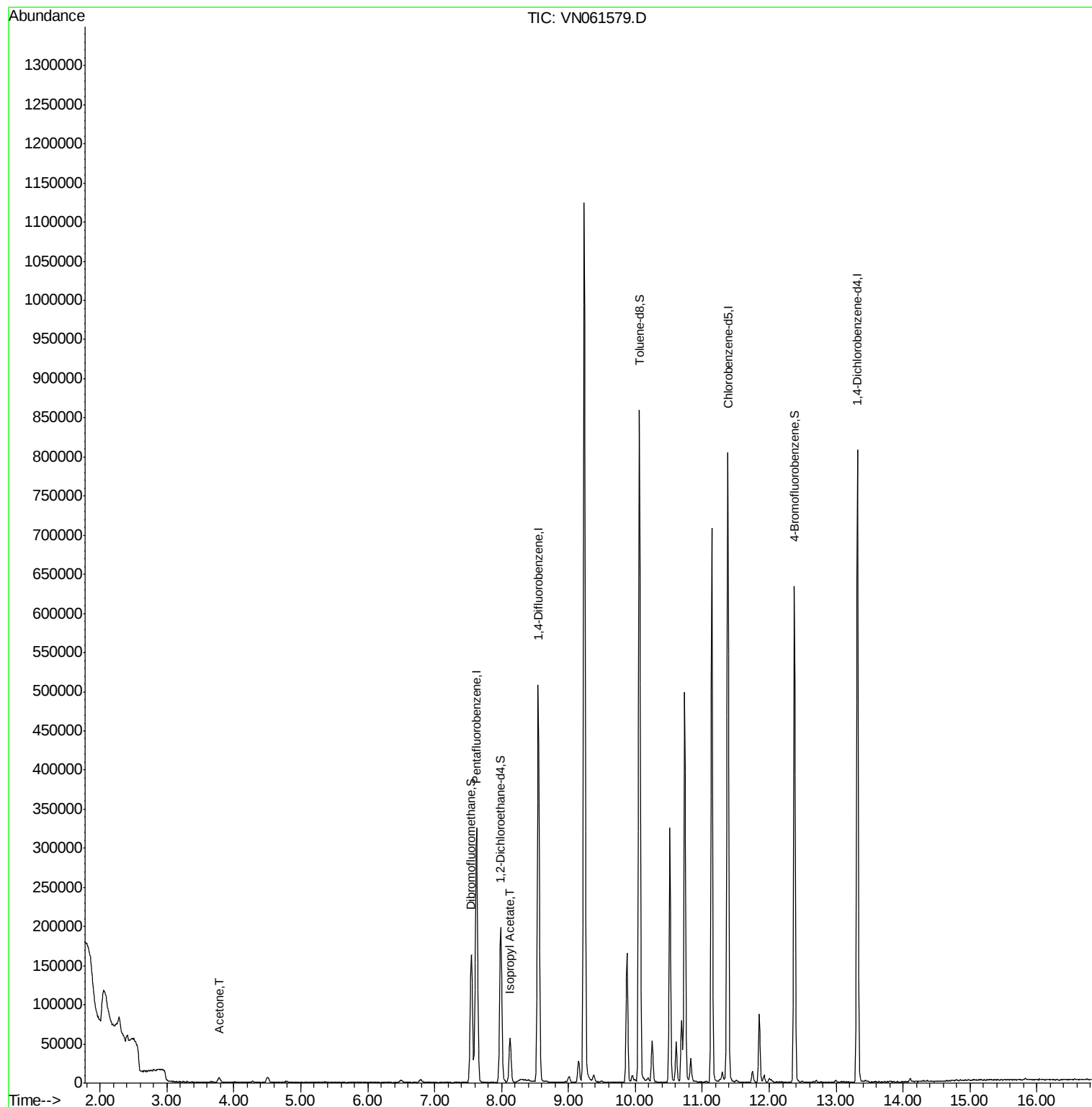
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	485480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	219238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	170586	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	7.55	113	127840	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	10.06	98	597781	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.38	95	226980	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
Target Compounds						
16) Acetone	3.78	43	10210	5.939	ug/l	93
43) Isopropyl Acetate	8.13	43	63194	10.532	ug/l #	91

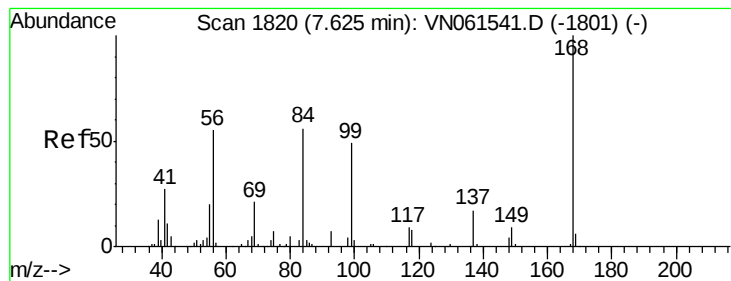
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061579.D

Acq: 29 May 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

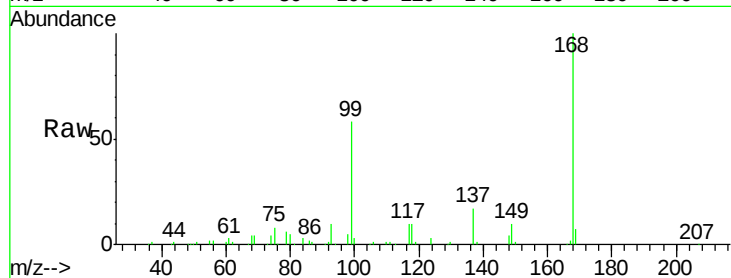
SB-1-D

Tot Ion:168 Resp: 259269

Ion Ratio Lower Upper

168 100

99 57.9 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

120000

100000

80000

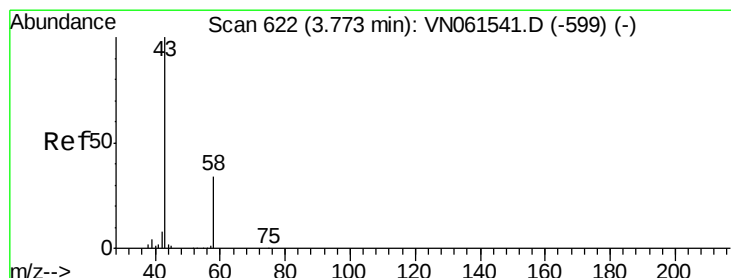
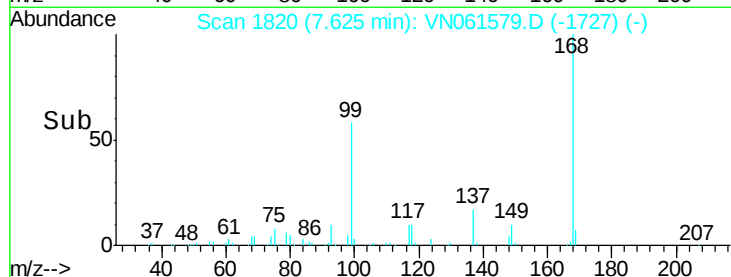
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.939 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061579.D

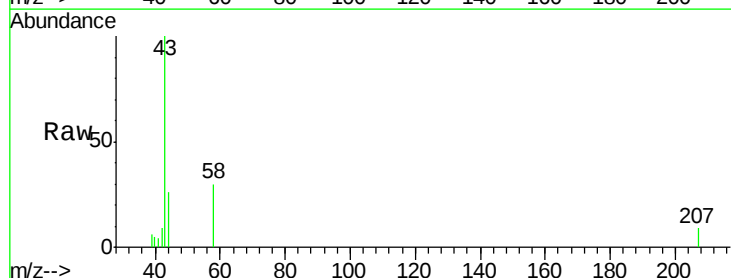
Acq: 29 May 2020 19:53

Tgt Ion: 43 Resp: 10210

Ion Ratio Lower Upper

43 100

58 30.2 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

4000

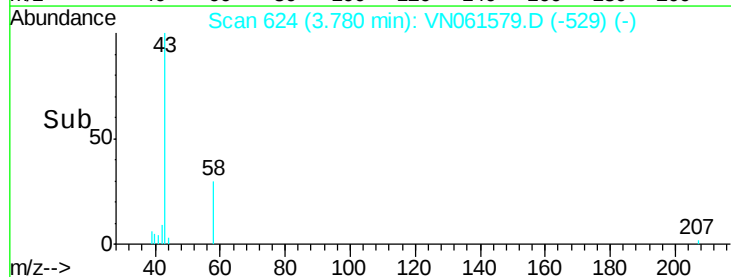
3000

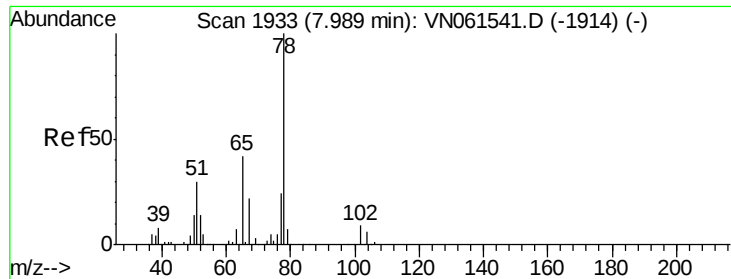
2000

1000

0

Time-->

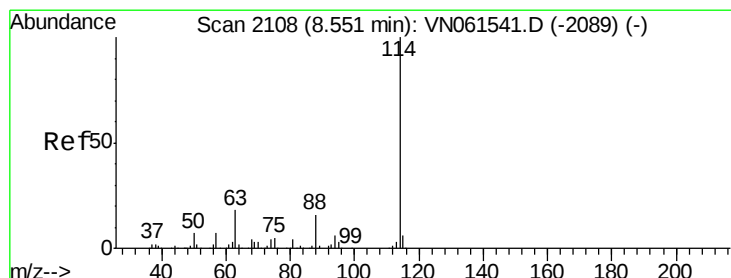
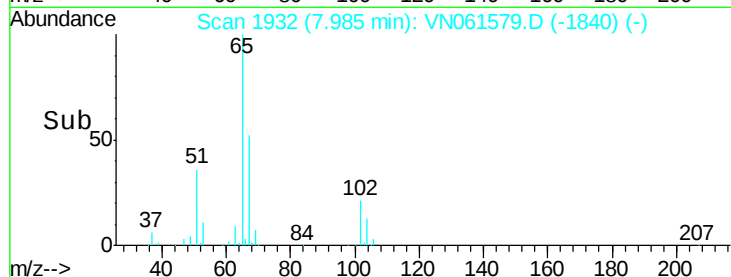
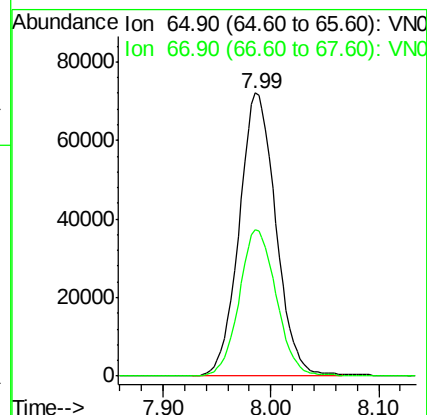
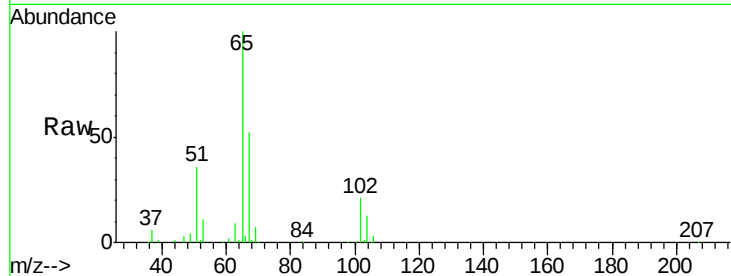




#33
 1,2-Dichloroethane-d4
 Concen: 55.223 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061579.D
 Acq: 29 May 2020 19:53

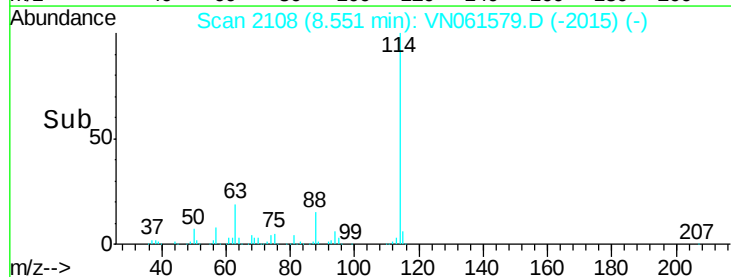
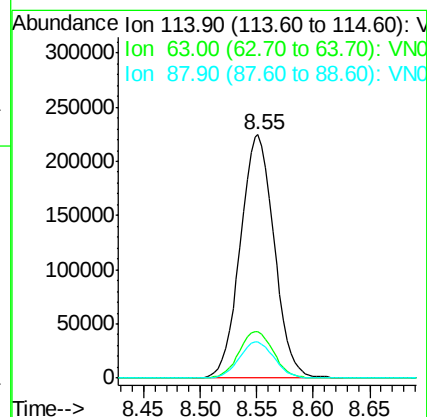
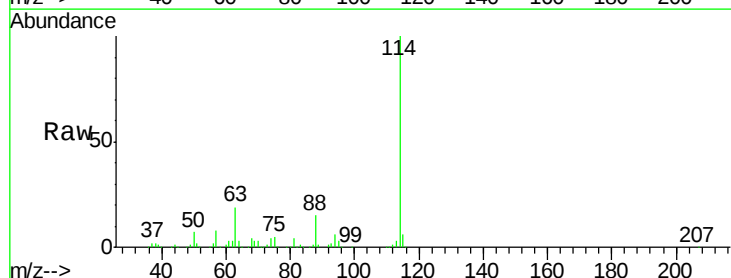
Instrument :
 MSVOA_N
 ClientSampled :
 SB-1-D

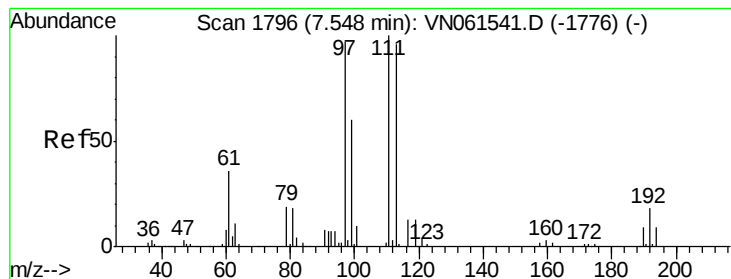
Tot Ion: 65 Resp: 170586
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061579.D
 Acq: 29 May 2020 19:53

Tgt Ion: 114 Resp: 467760
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 35.8
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 53.876 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061579.D

Acq: 29 May 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

SB-1-D

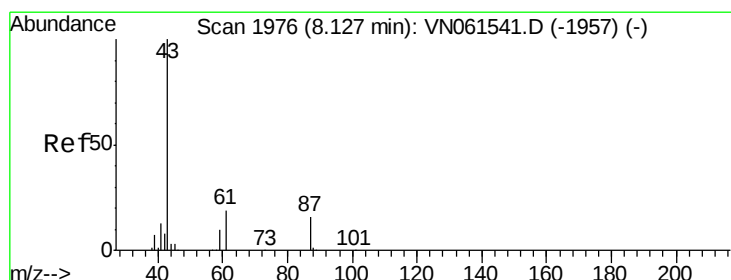
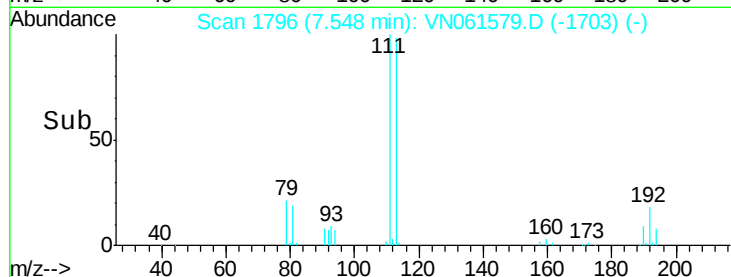
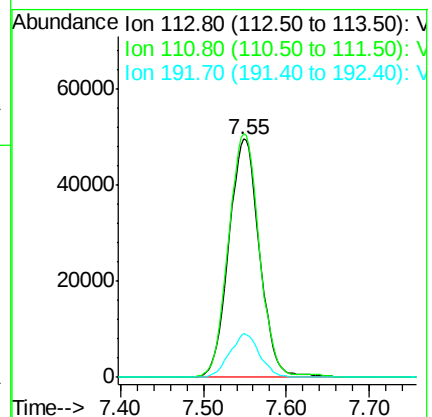
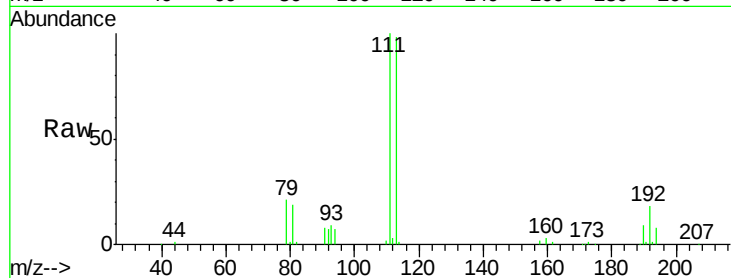
Tot Ion:113 Resp: 127840

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

192 18.0 15.4 23.2



#43

Isopropyl Acetate

Concen: 10.532 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061579.D

Acq: 29 May 2020 19:53

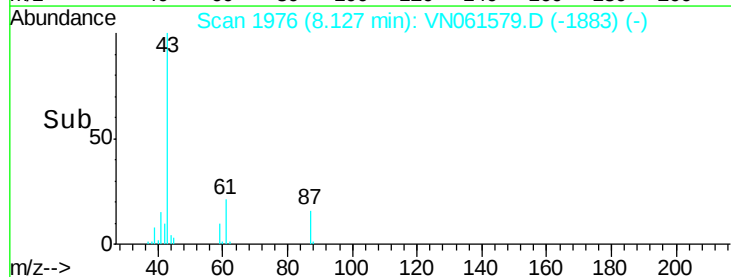
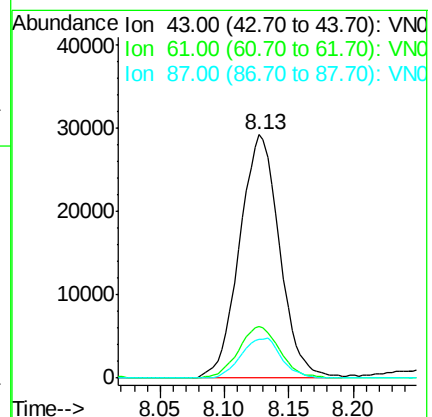
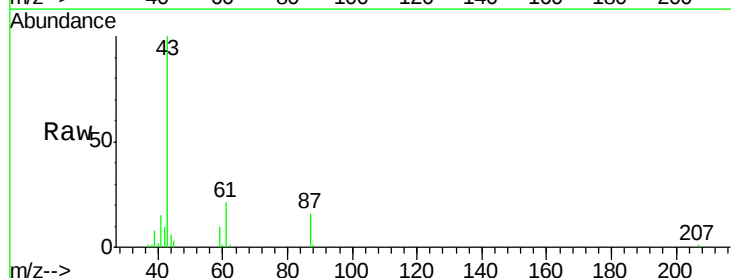
Tgt Ion: 43 Resp: 63194

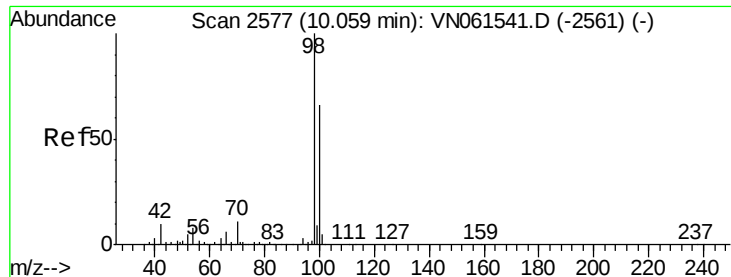
Ion Ratio Lower Upper

43 100

61 21.8 23.6 35.4#

87 16.3 13.0 19.6





#50

Toluene-d8

Concen: 54.363 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061579.D

Acq: 29 May 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

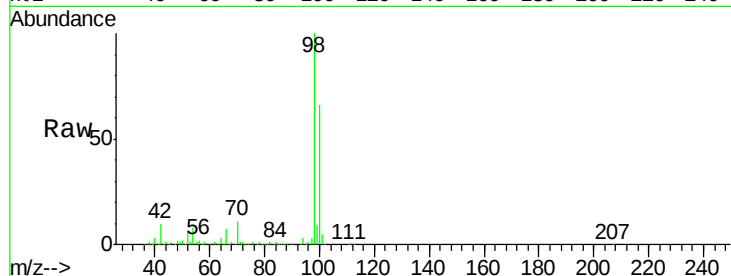
SB-1-D

Tot Ion: 98 Resp: 597781

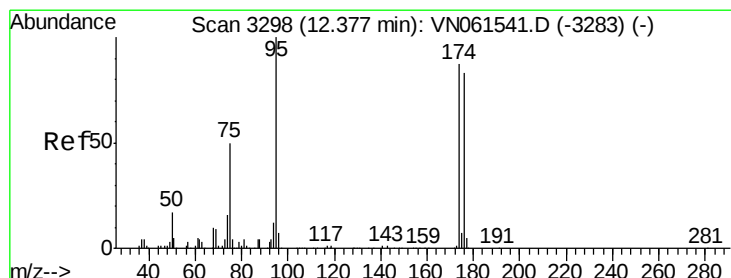
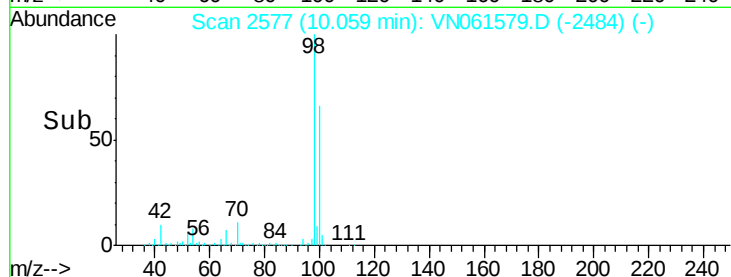
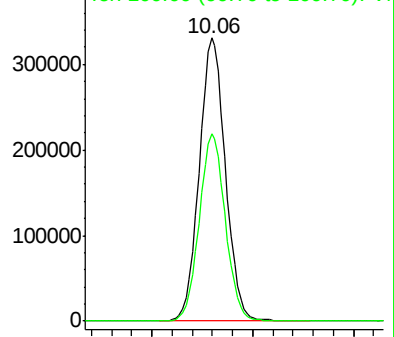
Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 56.578 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061579.D

Acq: 29 May 2020 19:53

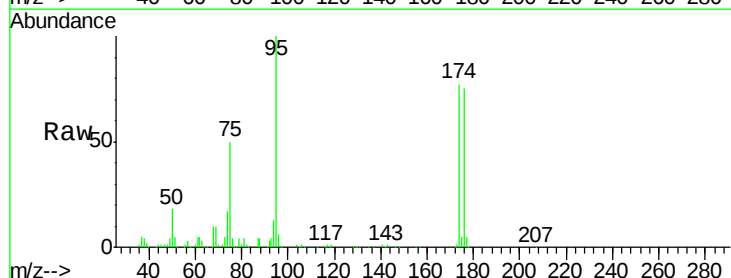
Tgt Ion: 95 Resp: 226980

Ion Ratio Lower Upper

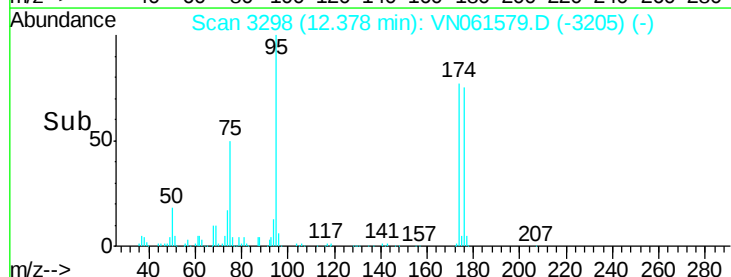
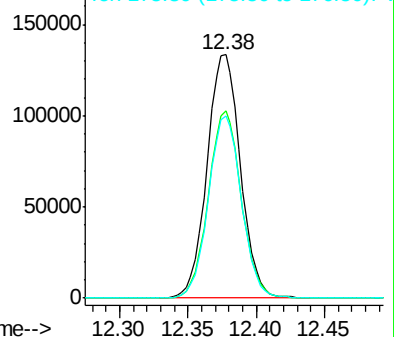
95 100

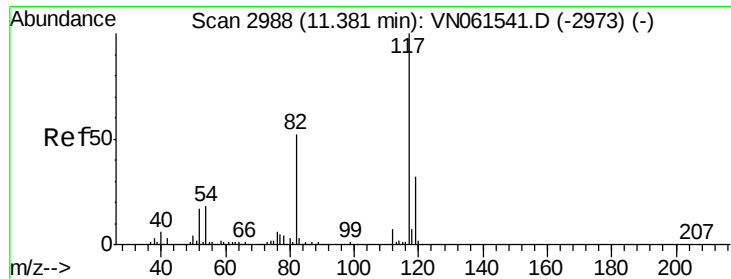
174 76.0 0.0 172.8

176 73.8 0.0 164.8



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

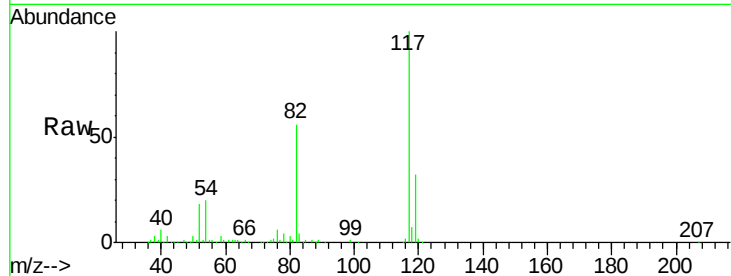




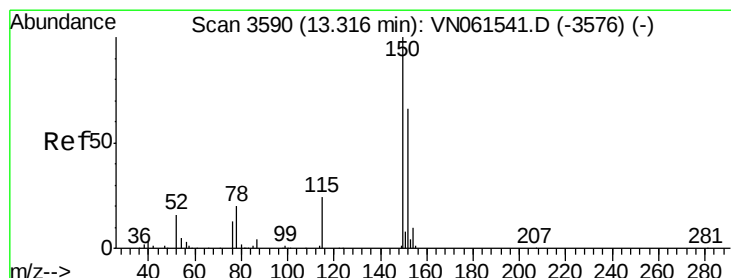
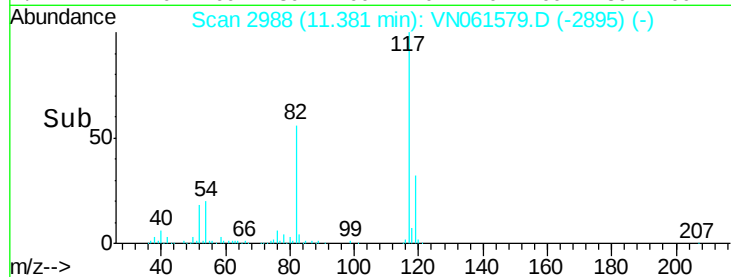
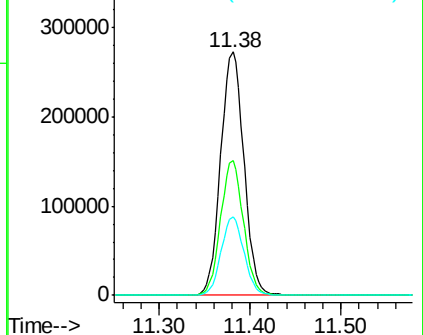
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061579.D
Acq: 29 May 2020 19:53

Instrument :
MSVOA_N
ClientSampled :
SB-1-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.5	62.3
119	32.2	25.6	38.4

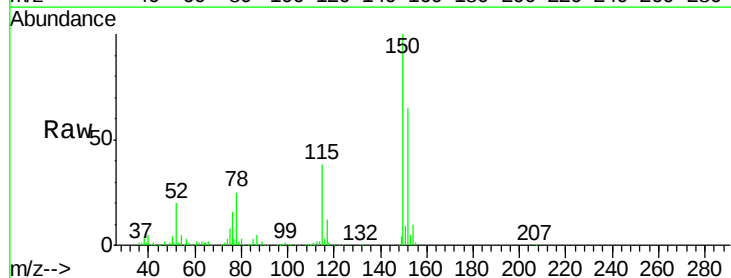


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061579.D
Acq: 29 May 2020 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.0	84.0
150	158.5	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

