

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061496.D
 Acq On : 19 May 2020 20:14
 Operator : JC/MD
 Sample : L2645-03DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: May 20 09:02:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

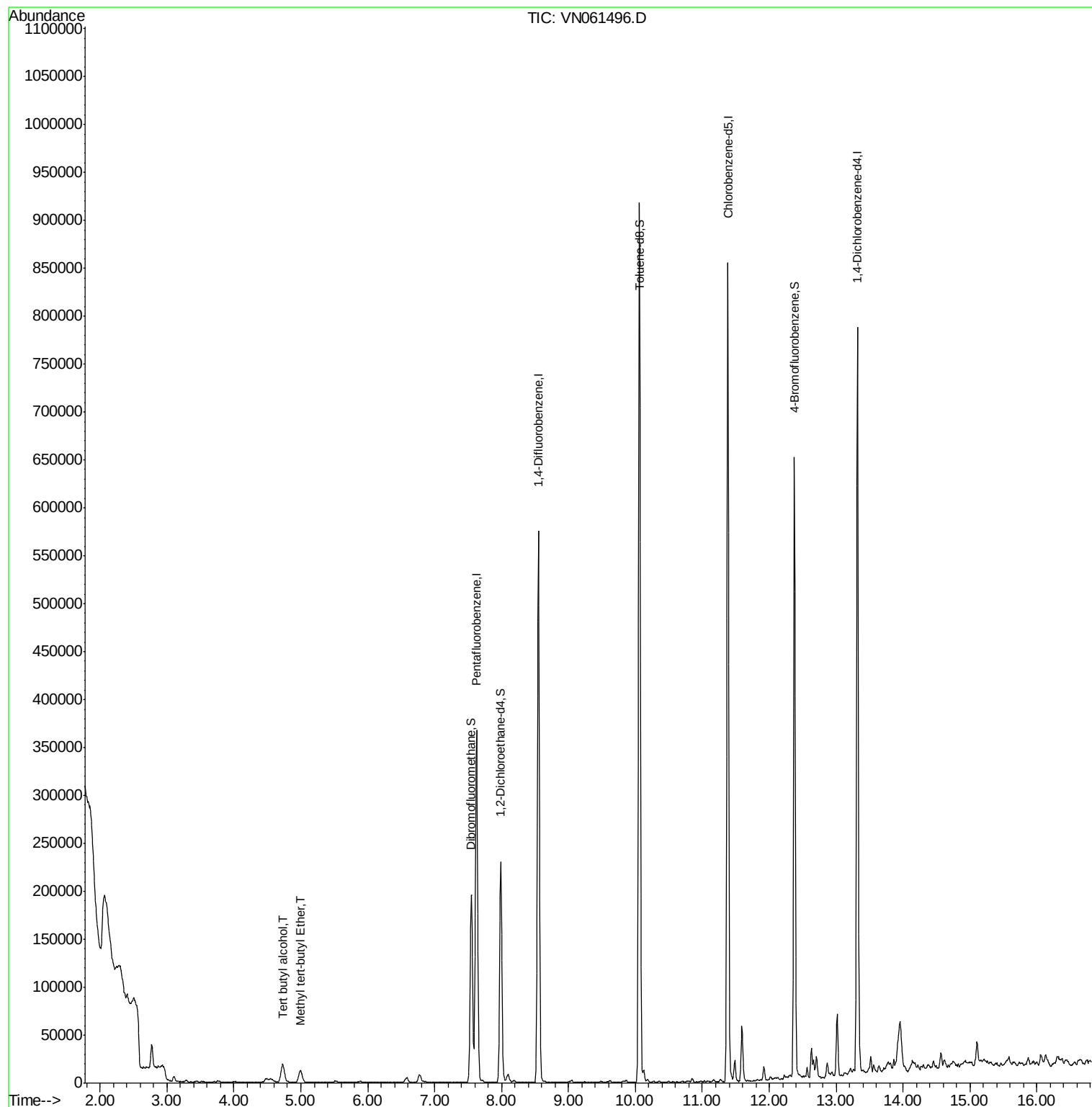
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196429	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	7.55	113	150926	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
50) Toluene-d8	10.06	98	642557	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.37	95	233010	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	38980	78.441	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	18378	1.635	ug/l #	70

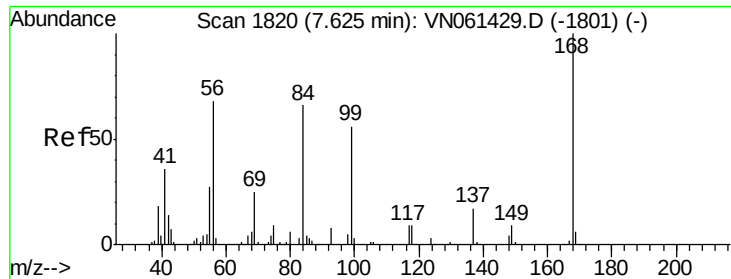
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 18 13:09:55 2020
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: VN061496.D

Acq: 19 May 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

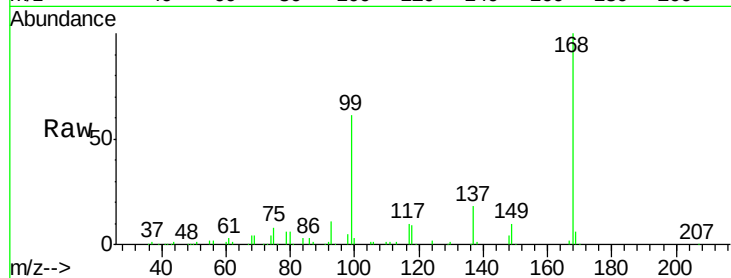
MW-4DL

Tot Ion:168 Resp: 288973

Ion Ratio Lower Upper

168 100

99 60.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

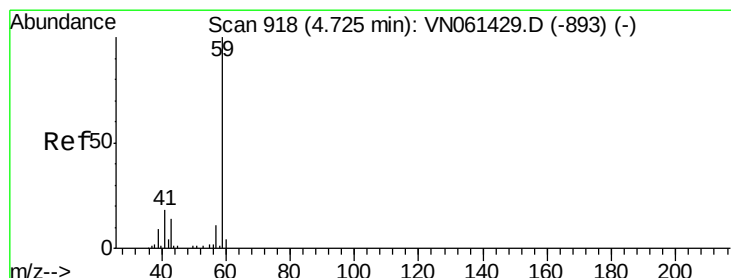
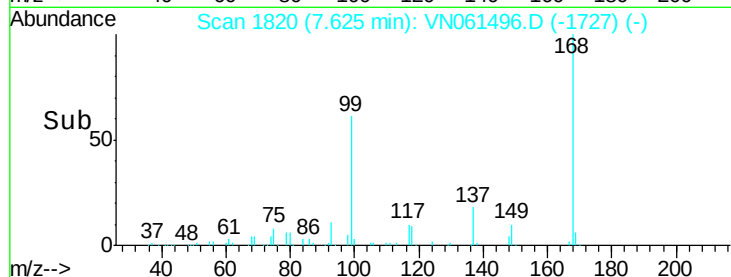
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 78.441 ug/l

RT: 4.73 min Scan# 919

Delta R.T. 0.00 min

Lab File: VN061496.D

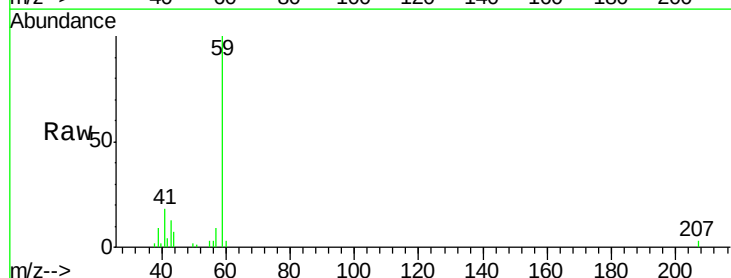
Acq: 19 May 2020 20:14

Tgt Ion: 59 Resp: 38980

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

12000

10000

8000

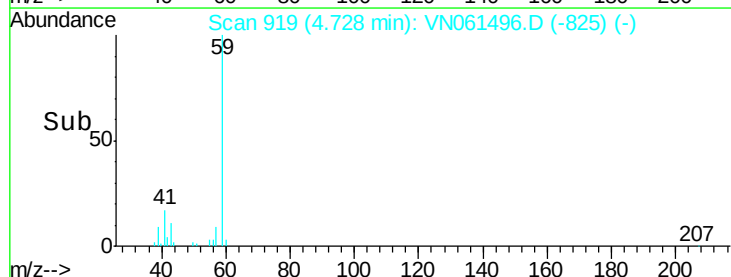
6000

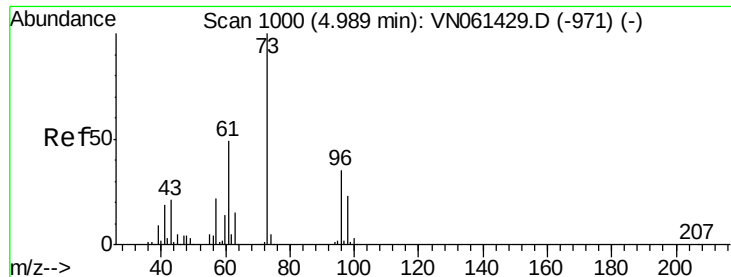
4000

2000

0

Time--> 4.60 4.70 4.80

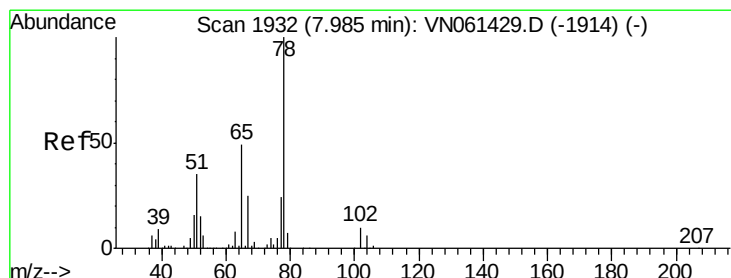
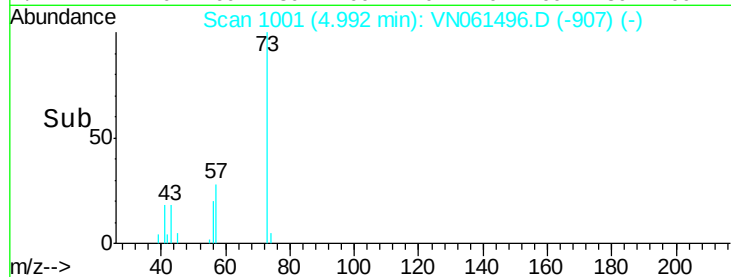
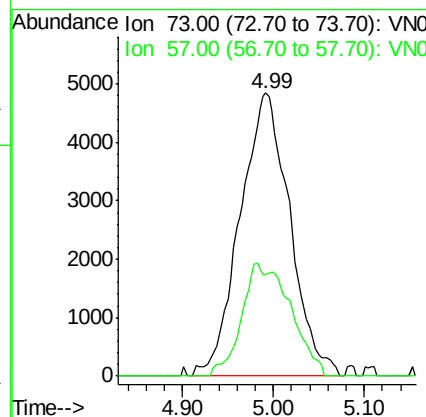
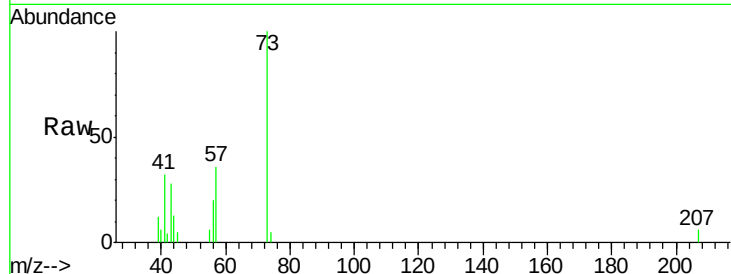




#19
Methyl tert-butyl Ether
Concen: 1.635 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061496.D
Acq: 19 May 2020 20:14

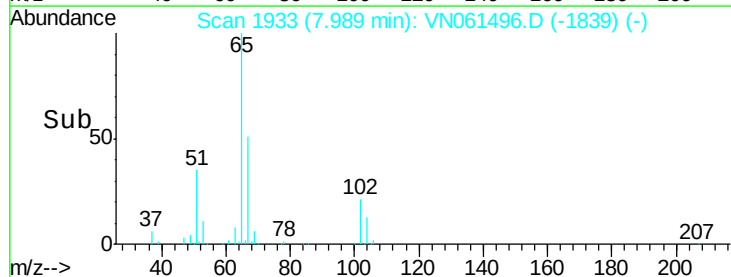
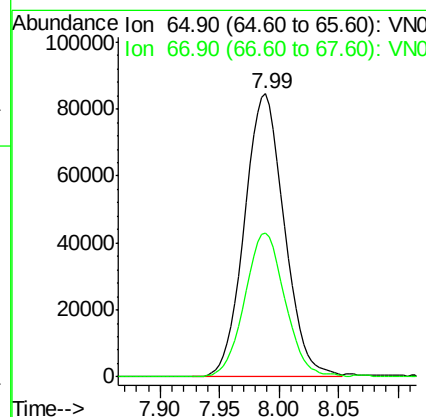
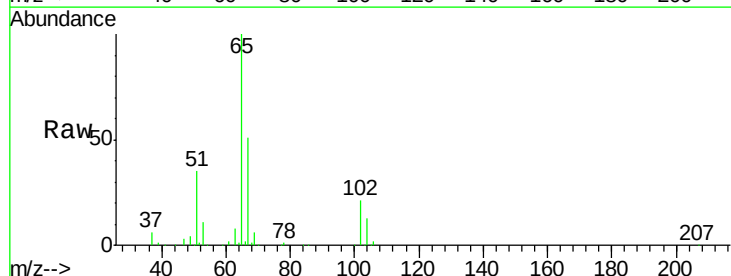
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

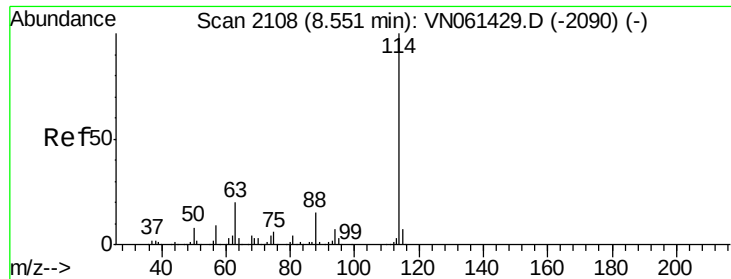
Tot Ion: 73 Resp: 18378
Ion Ratio Lower Upper
73 100
57 36.0 17.4 26.0#



#33
1,2-Dichloroethane-d4
Concen: 45.546 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061496.D
Acq: 19 May 2020 20:14

Tgt Ion: 65 Resp: 196429
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061496.D

Acq: 19 May 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

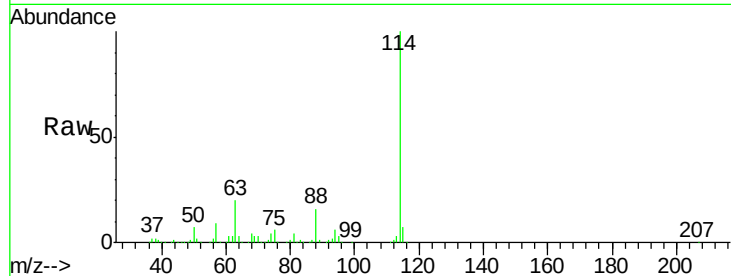
Tot Ion:114 Resp: 527044

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

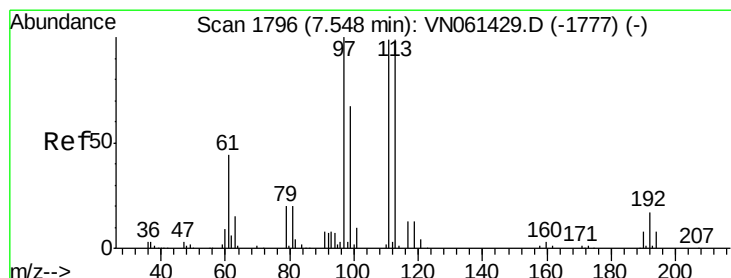
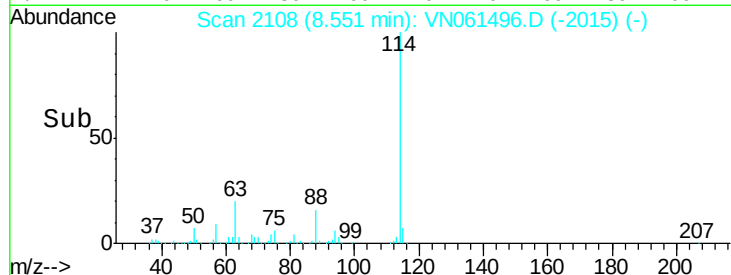
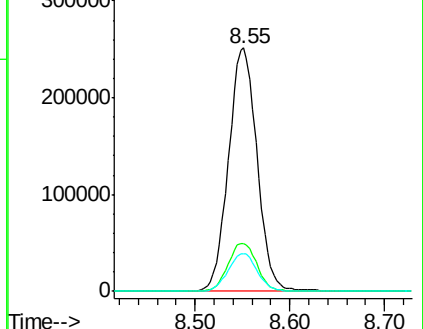
88 15.6 0.0 30.8



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: 54.663 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061496.D

Acq: 19 May 2020 20:14

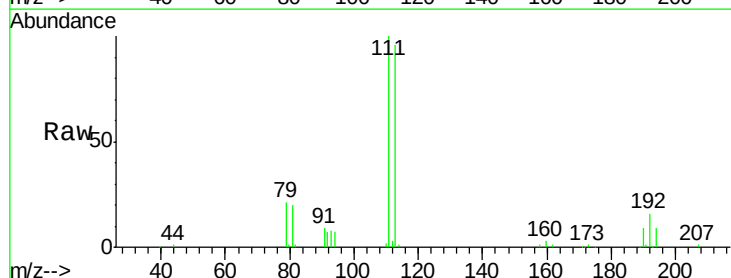
Tgt Ion:113 Resp: 150926

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

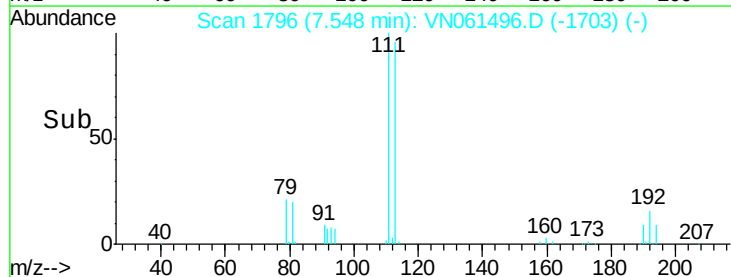
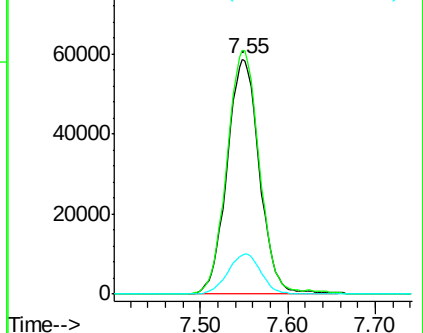
192 17.2 13.2 19.8

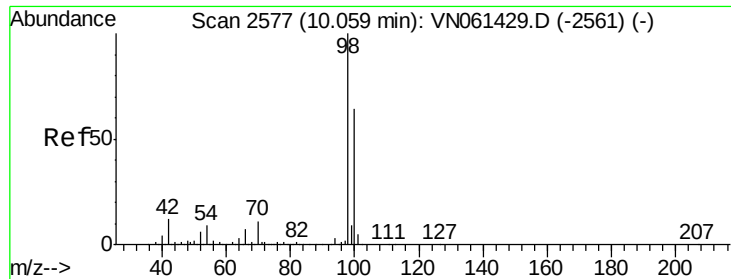


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.175 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061496.D

Acq: 19 May 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

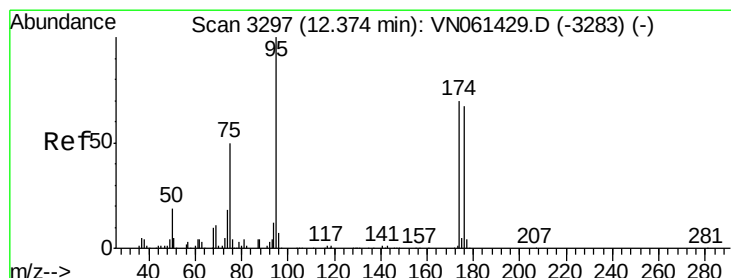
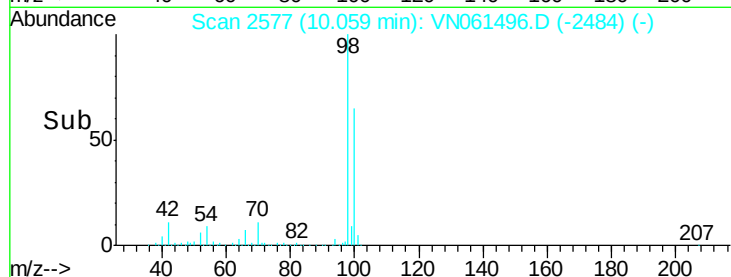
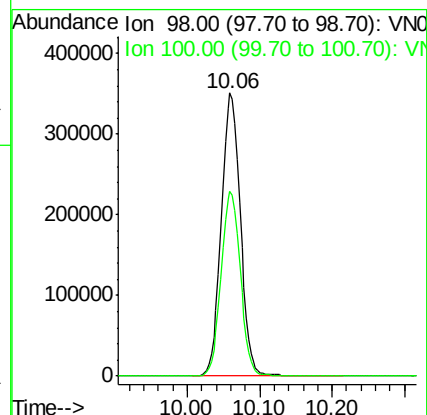
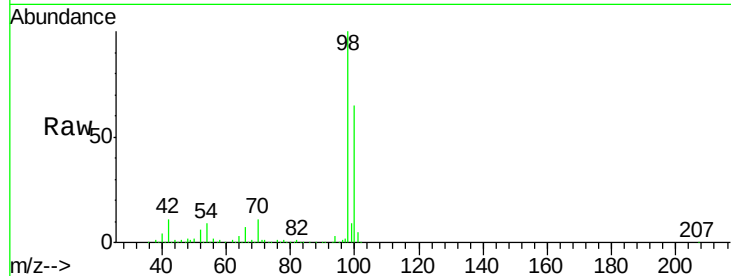
MW-4DL

Tot Ion: 98 Resp: 642557

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 48.701 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061496.D

Acq: 19 May 2020 20:14

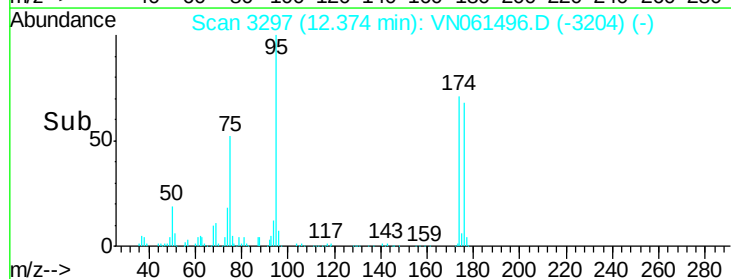
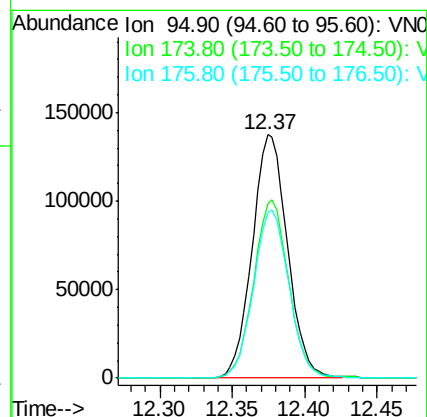
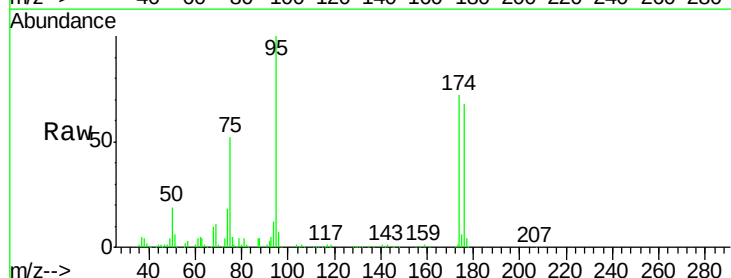
Tgt Ion: 95 Resp: 233010

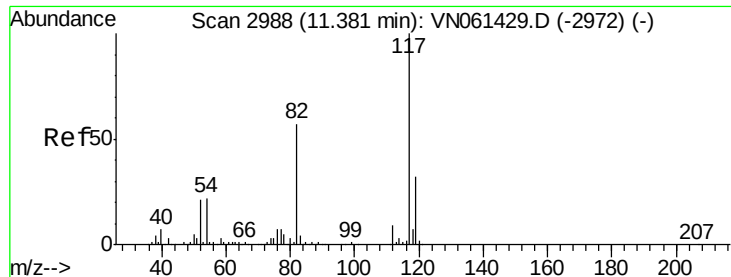
Ion Ratio Lower Upper

95 100

174 72.4 0.0 141.2

176 69.9 0.0 137.6

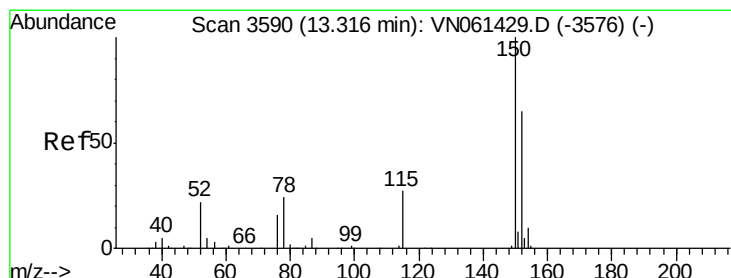
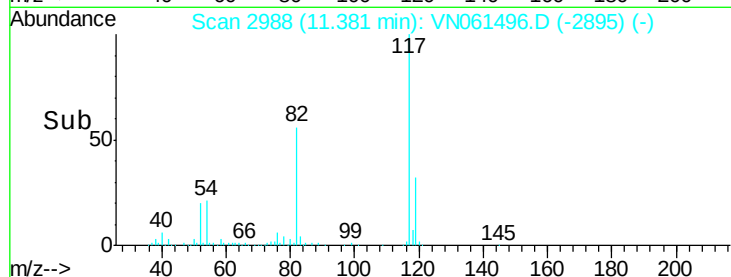
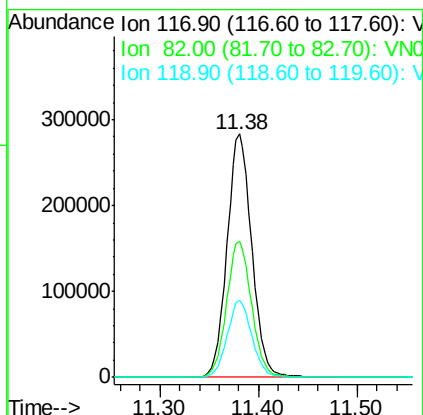
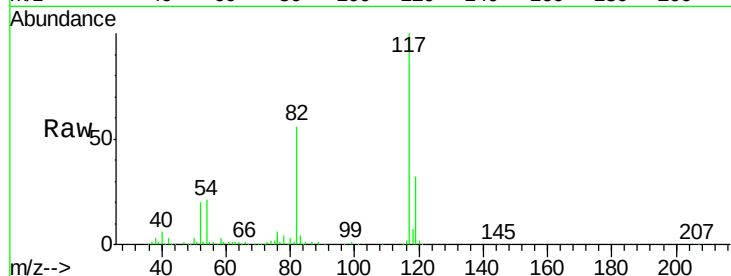




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061496.D
Acq: 19 May 2020 20:14

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.2	67.8
119	31.6	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061496.D
Acq: 19 May 2020 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.9	92.5
150	157.5	0.0	349.2

