

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061504.D
 Acq On : 20 May 2020 16:40
 Operator : JC/MD
 Sample : L2645-04DL2 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL2

Quant Time: May 21 07:57:04 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	293878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	533422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	525381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	197259	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	
35) Dibromofluoromethane	7.55	113	151938	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
50) Toluene-d8	10.06	98	663498	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	255750	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	

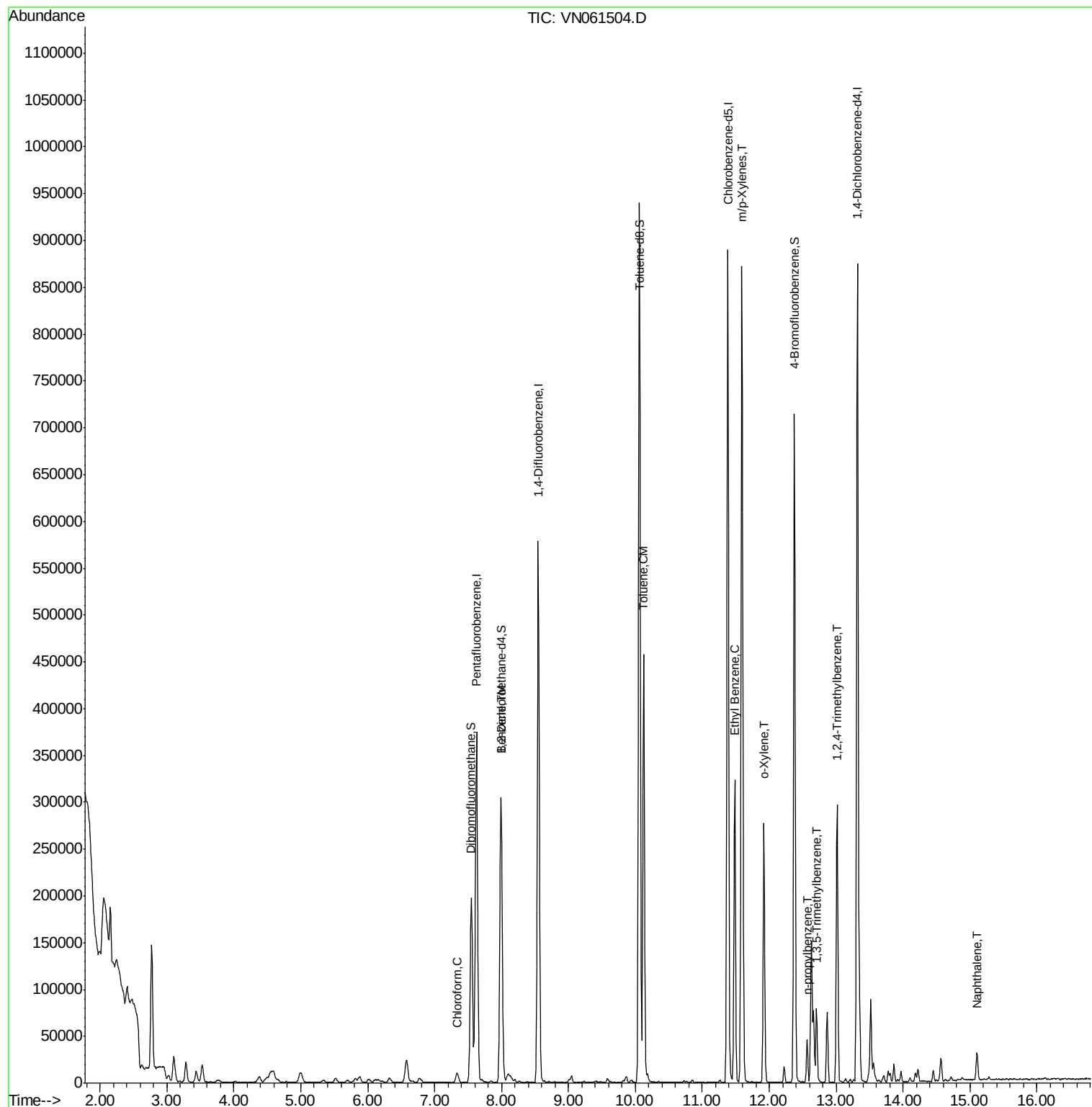
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	7.33	83	8401	1.252	ug/l	94
40) Benzene	8.00	78	116707	7.764	ug/l	99
52) Toluene	10.12	92	205031	21.247	ug/l	99
67) Ethyl Benzene	11.48	91	241194	12.333	ug/l	98
68) m/p-Xylenes	11.59	106	298420	40.201	ug/l	97
69) o-Xylene	11.92	106	78440	10.919	ug/l	98
78) n-propylbenzene	12.57	91	37523	1.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	44396	2.873	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	171698	11.102	ug/l	96
95) Naphthalene	15.10	128	27220	2.196	ug/l	98

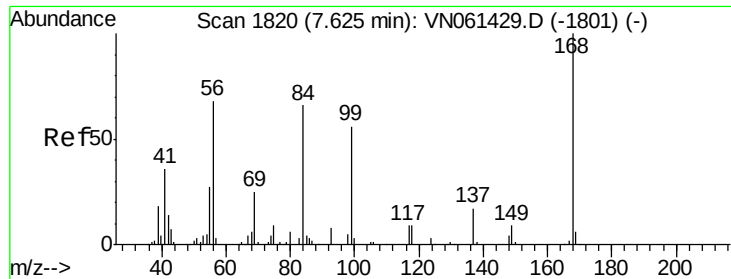
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052020\
Data File : VN061504.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

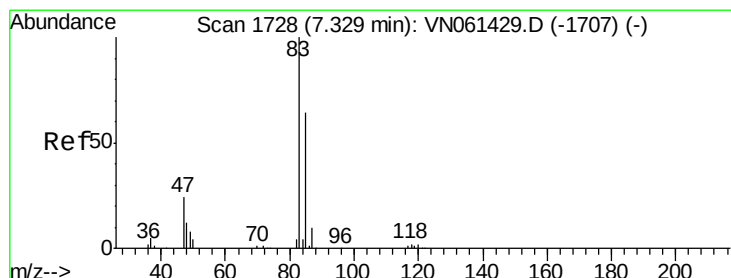
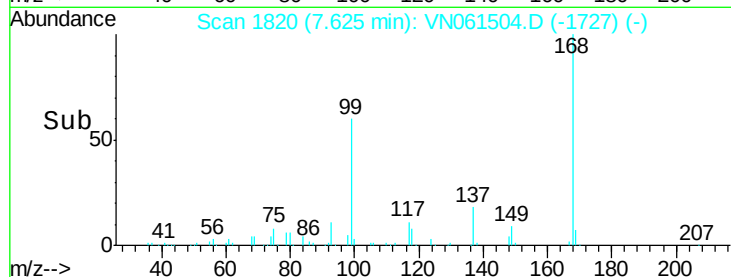
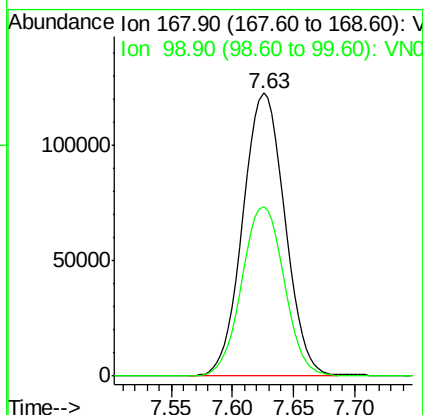
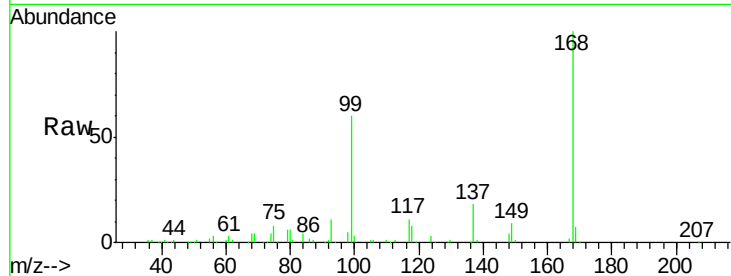




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

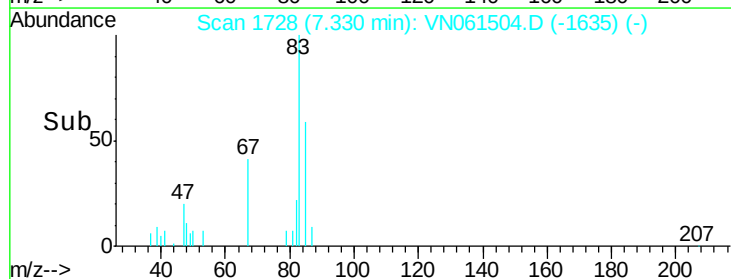
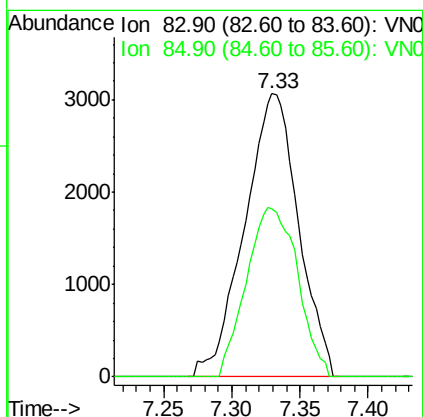
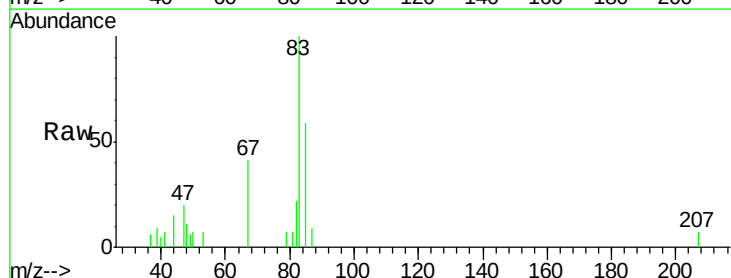
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL2

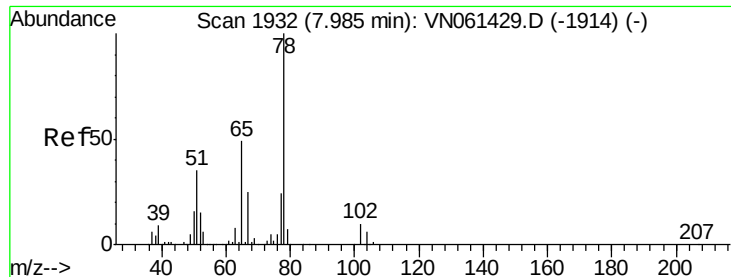
Tot Ion:168 Resp: 293878
Ion Ratio Lower Upper
168 100
99 59.9 51.1 76.7



#30
Chloroform
Concen: 1.252 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion: 83 Resp: 8401
Ion Ratio Lower Upper
83 100
85 59.3 51.0 76.4

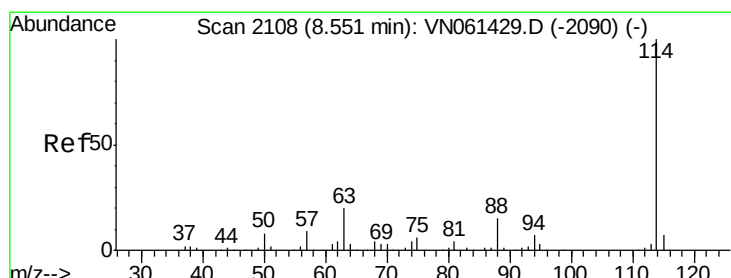
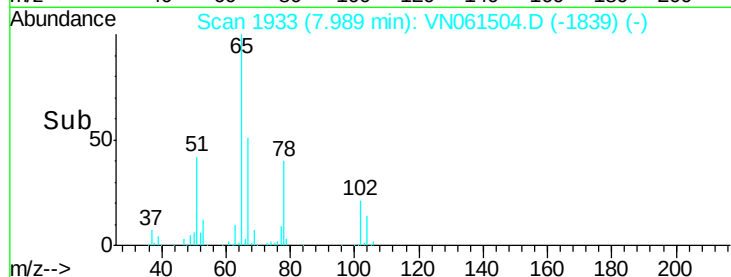
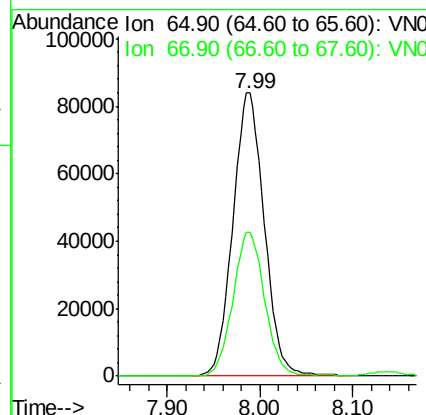
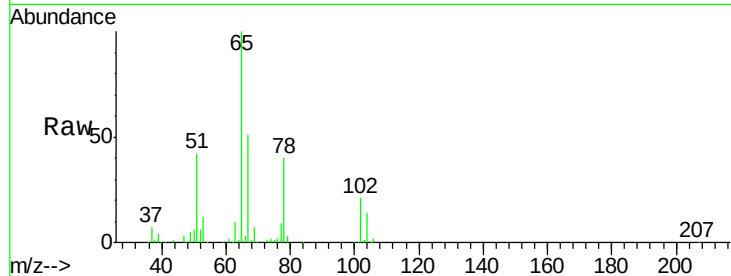




#33
 1,2-Dichloroethane-d4
 Concen: 44.975 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

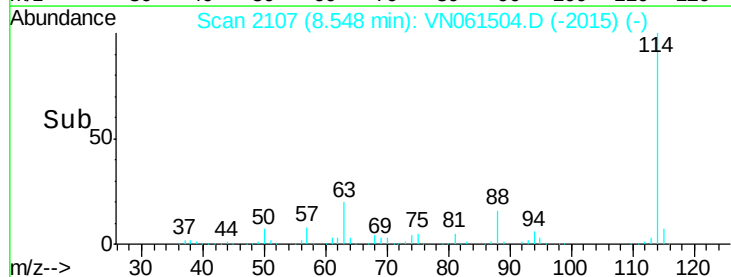
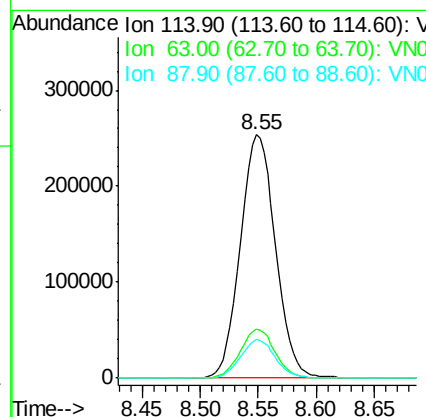
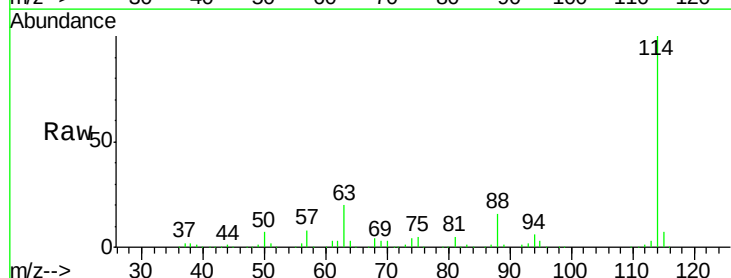
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL2

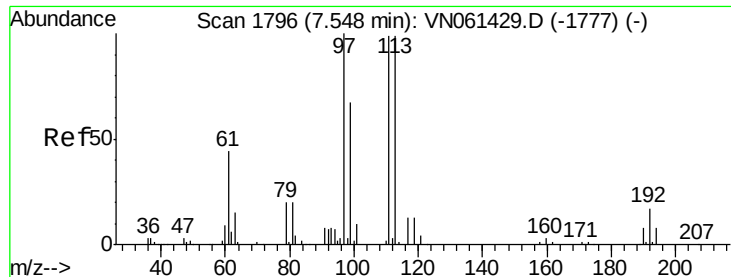
Tot Ion: 65 Resp: 197259
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 114 Resp: 533422
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.7 0.0 30.8

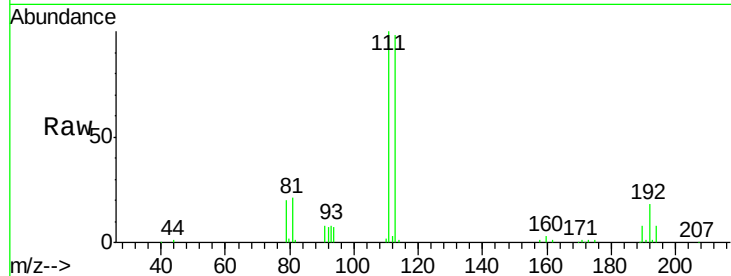




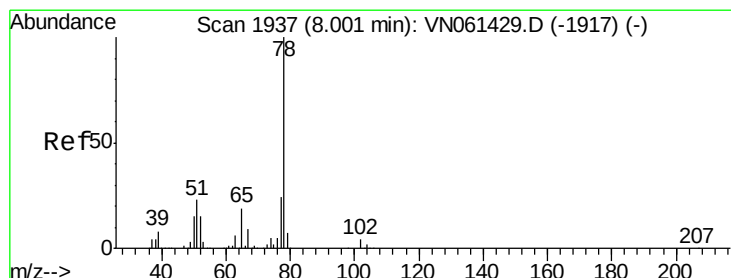
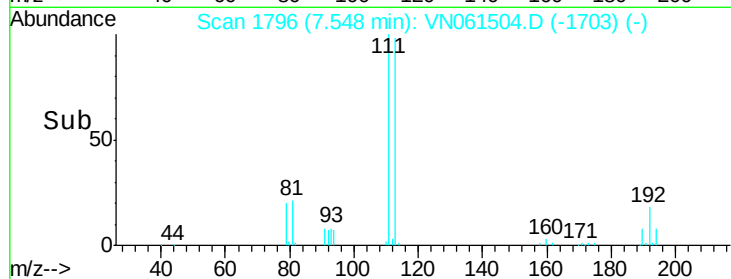
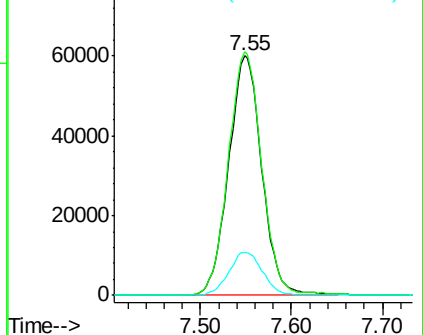
#35
 Dibromofluoromethane
 Concen: 54.371 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL2

Tot Ion:113 Resp: 151938
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.6 121.0
 192 18.3 13.2 19.8

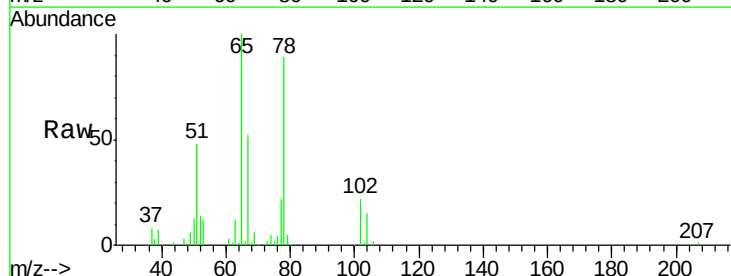


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

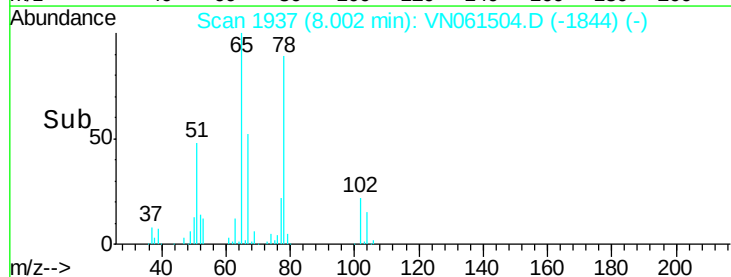
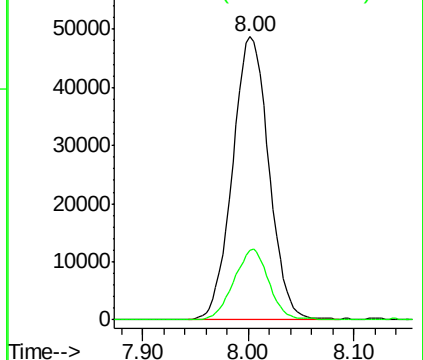


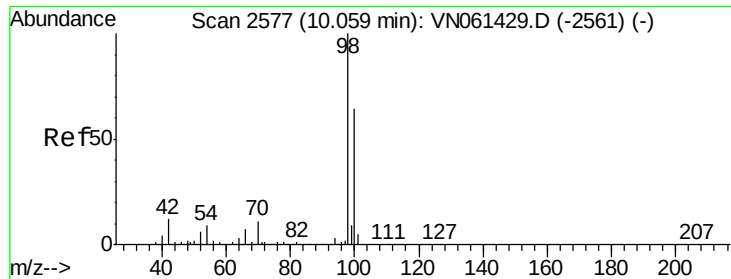
#40
 Benzene
 Concen: 7.764 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 78 Resp: 116707
 Ion Ratio Lower Upper
 78 100
 77 24.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#50

Toluene-d8

Concen: 51.191 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

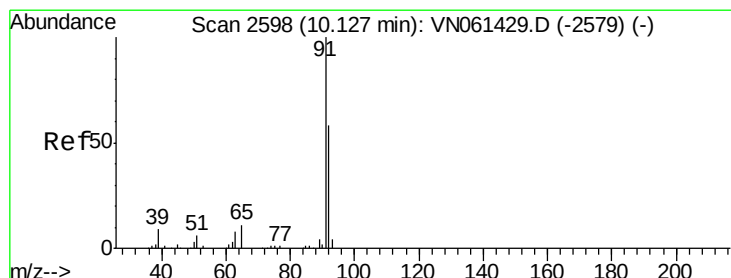
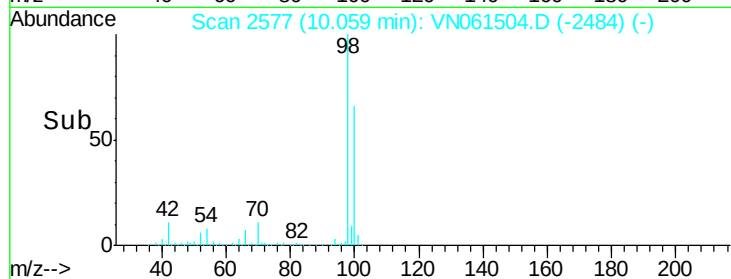
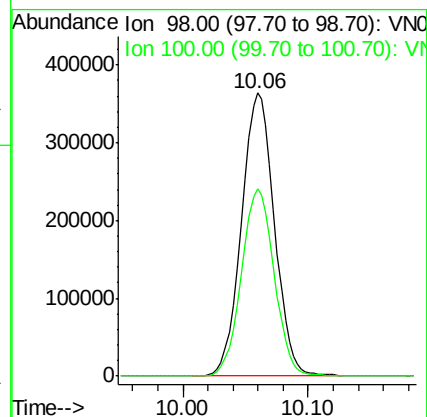
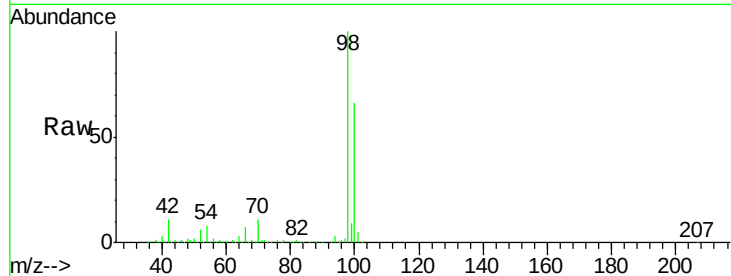
MW-2DL2

Tot Ion: 98 Resp: 663498

Ion Ratio Lower Upper

98 100

100 66.0 51.8 77.8



#52

Toluene

Concen: 21.247 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061504.D

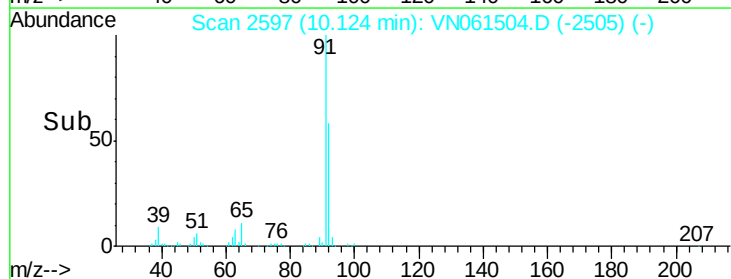
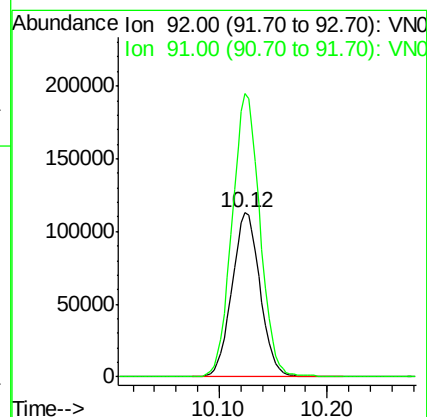
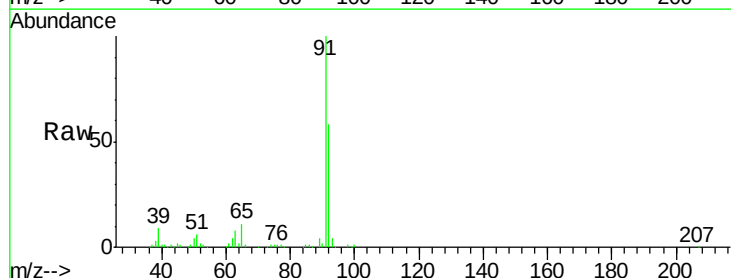
Acq: 20 May 2020 16:40

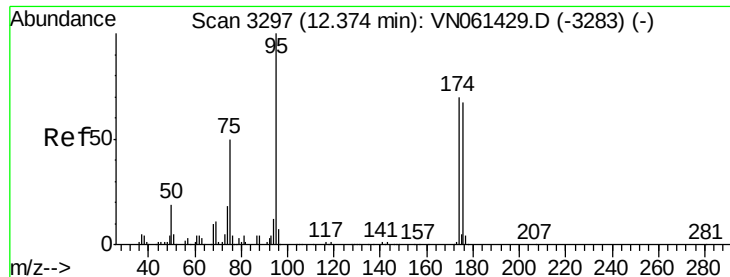
Tgt Ion: 92 Resp: 205031

Ion Ratio Lower Upper

92 100

91 171.2 138.0 207.0

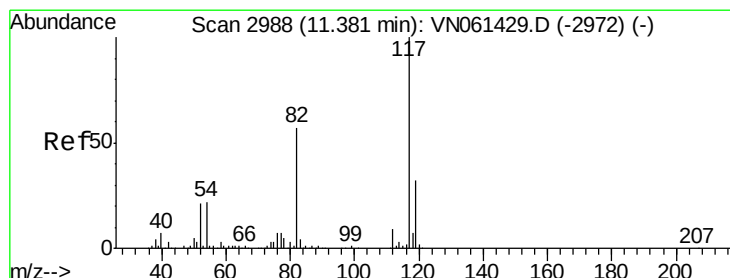
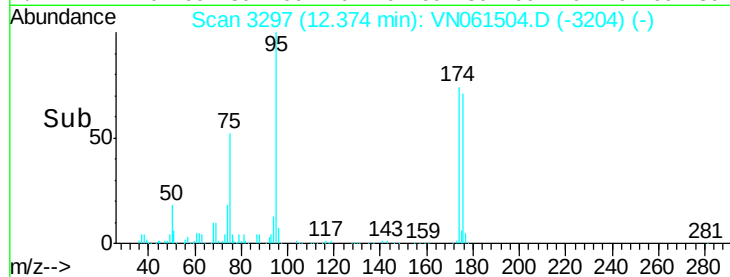
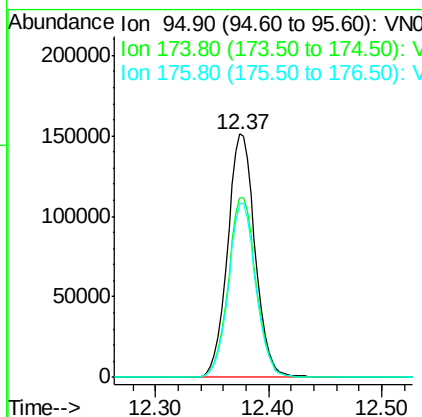
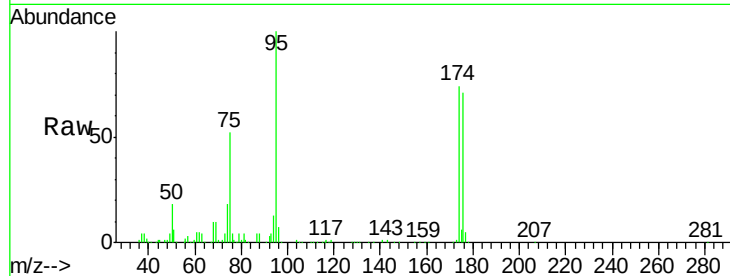




#62
 4-Bromofluorobenzene
 Concen: 52.814 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

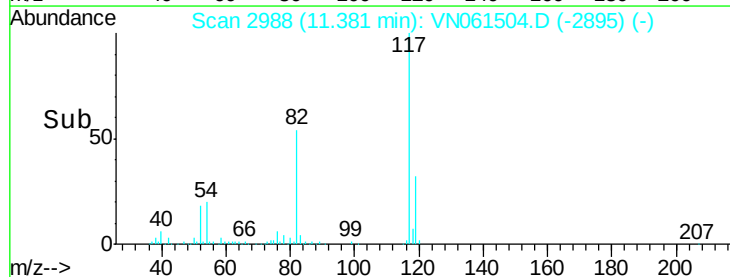
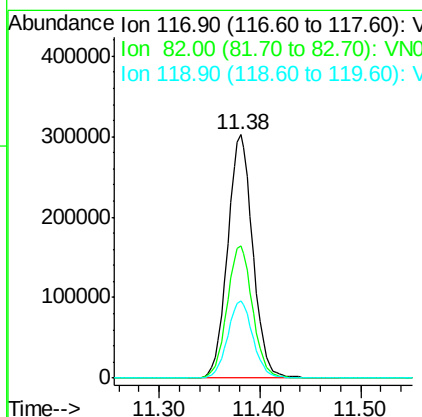
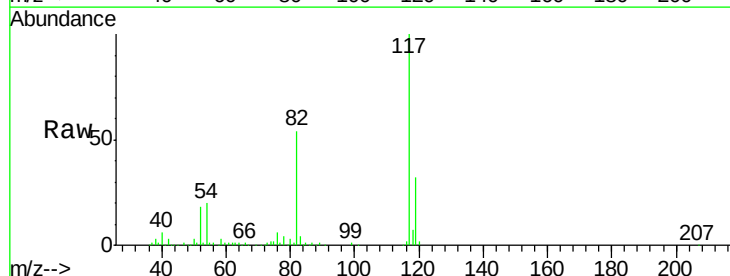
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL2

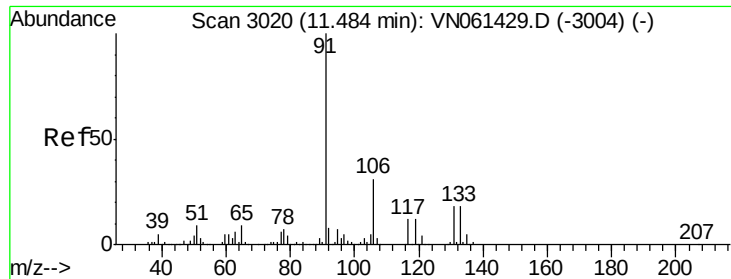
Tot Ion: 95 Resp: 255750
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 141.2
 176 70.9 0.0 137.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 117 Resp: 525381
 Ion Ratio Lower Upper
 117 100
 82 54.4 45.2 67.8
 119 31.8 25.3 37.9

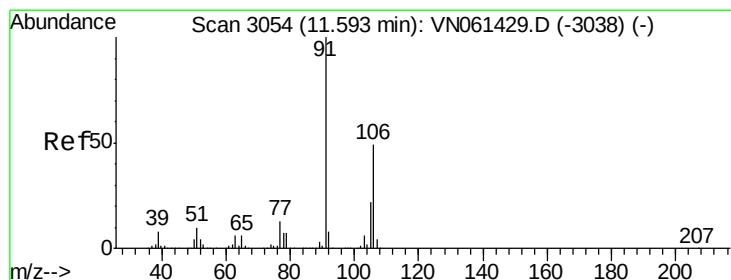
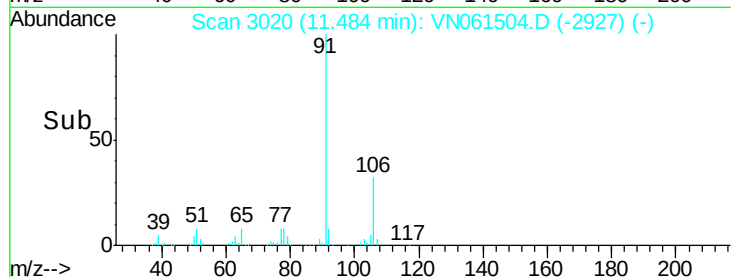
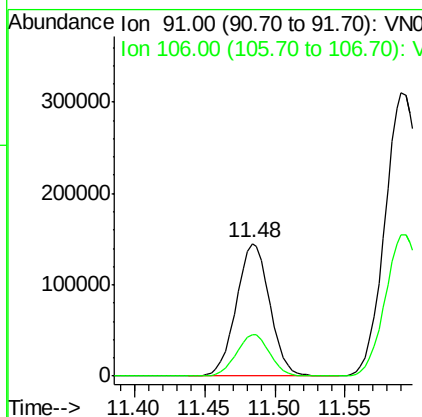
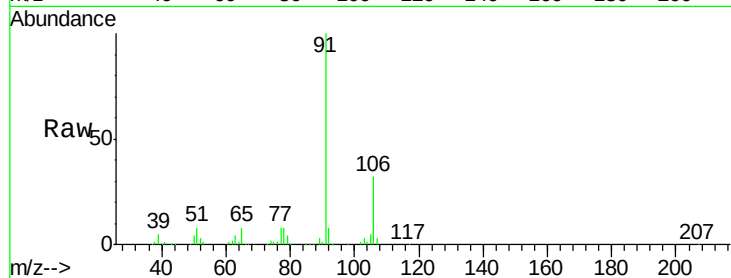




#67
Ethyl Benzene
Concen: 12.333 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

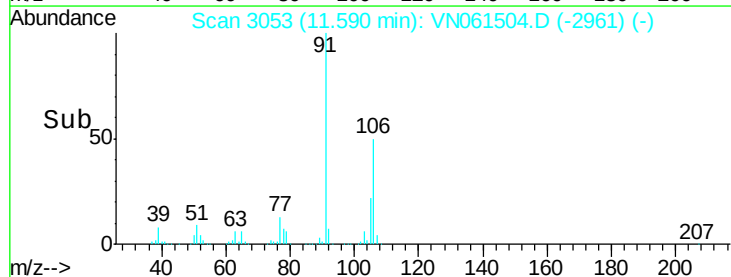
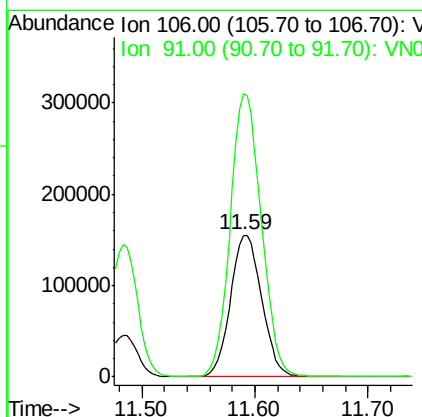
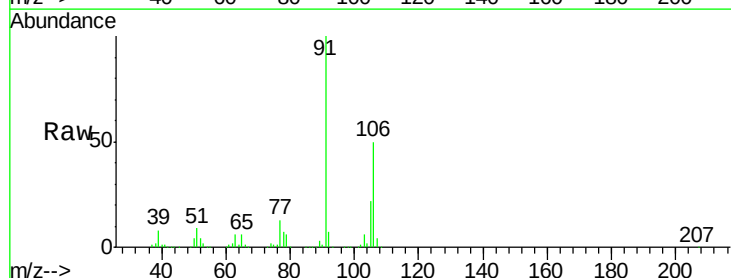
Instrument :
MSVOA_N
ClientSampled :
MW-2DL2

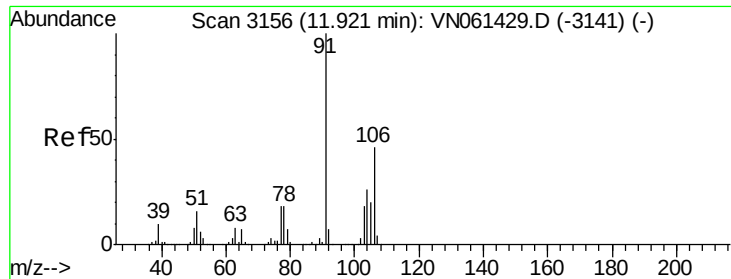
Tot Ion: 91 Resp: 241194
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 40.201 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion: 106 Resp: 298420
Ion Ratio Lower Upper
106 100
91 199.0 163.0 244.6

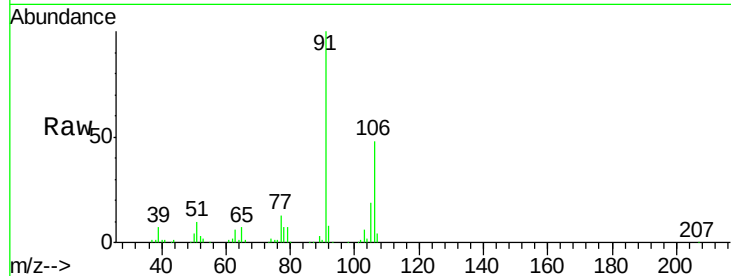




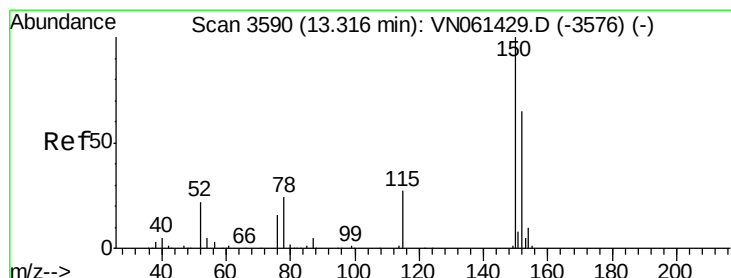
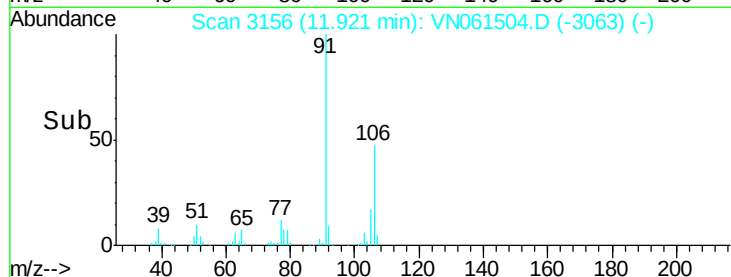
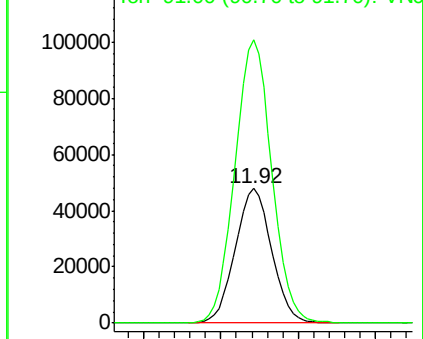
#69
o-Xylene
Concen: 10.919 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL2

Tot Ion:106 Resp: 78440
Ion Ratio Lower Upper
106 100
91 212.8 107.9 323.7

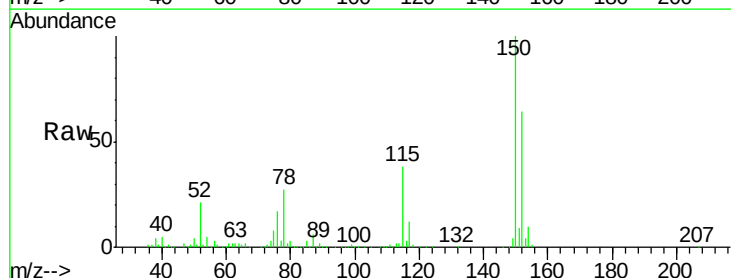


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

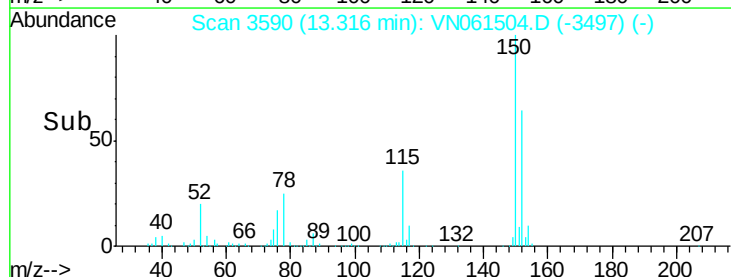
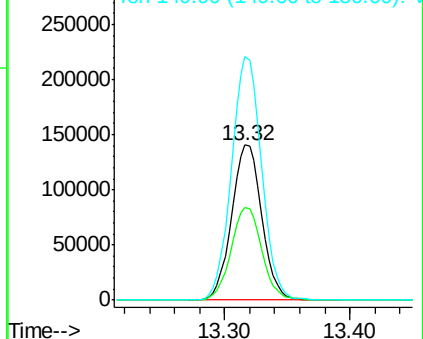


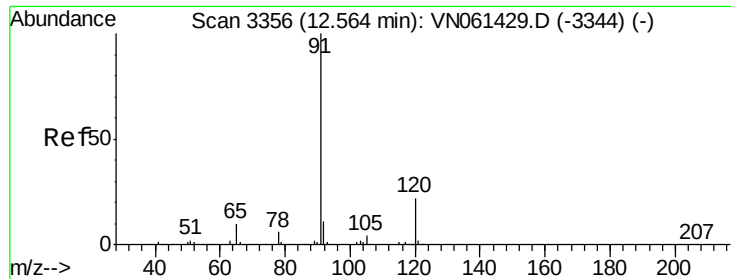
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion:152 Resp: 235101
Ion Ratio Lower Upper
152 100
115 61.1 30.9 92.5
150 156.6 0.0 349.2



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





#78

n-propylbenzene

Concen: 1.745 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

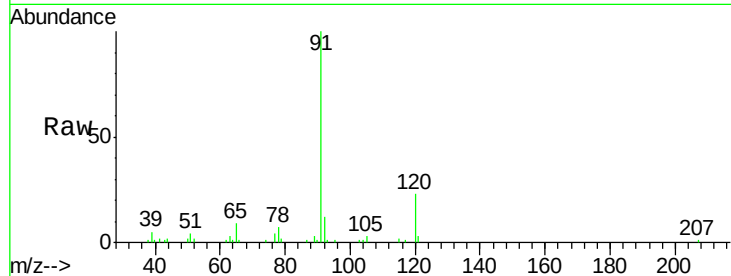
MW-2DL2

Tot Ion: 91 Resp: 37523

Ion Ratio Lower Upper

91 100

120 23.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN061504.D (-3263) (-)

Ion 120.00 (119.70 to 120.70): VN061504.D (-3263) (-)

12.57

25000

20000

15000

10000

5000

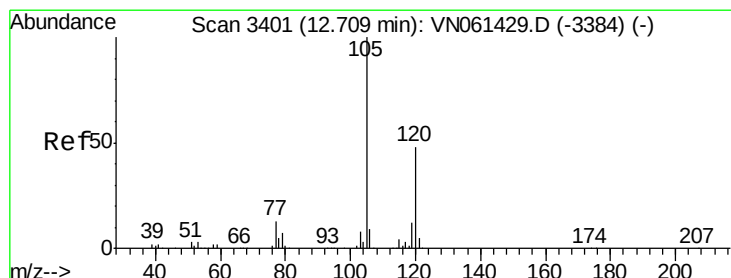
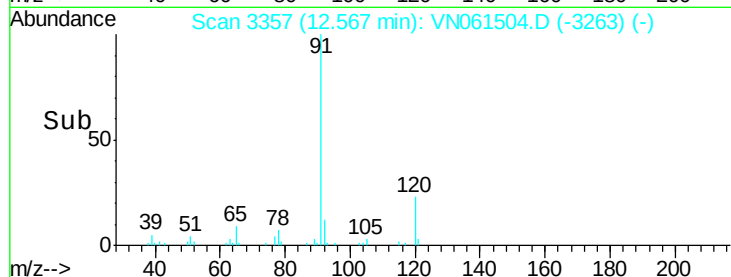
0

Time-->

12.50

12.55

12.60



#80

1,3,5-Trimethylbenzene

Concen: 2.873 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061504.D

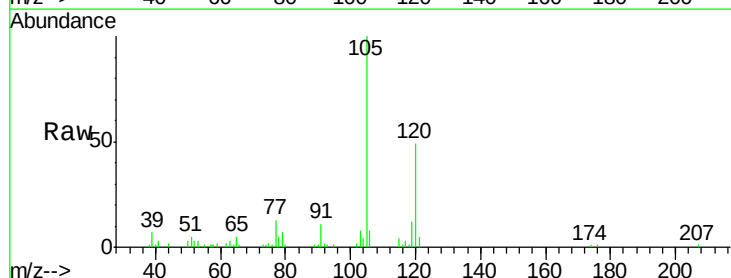
Acq: 20 May 2020 16:40

Tgt Ion:105 Resp: 44396

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061504.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN061504.D (-3308) (-)

12.71

40000

30000

20000

10000

0

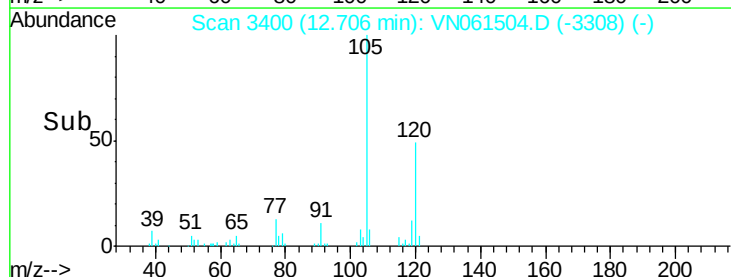
Time-->

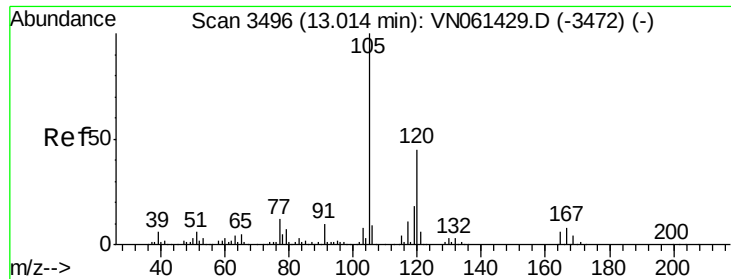
12.65

12.70

12.75

12.80

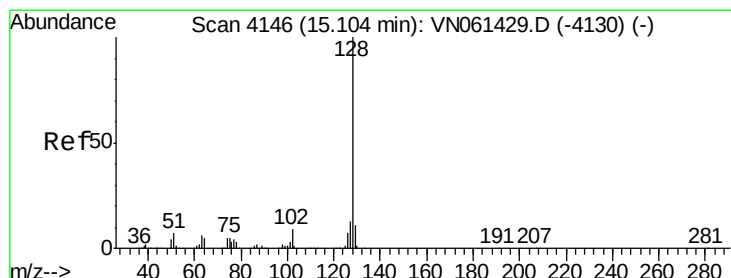
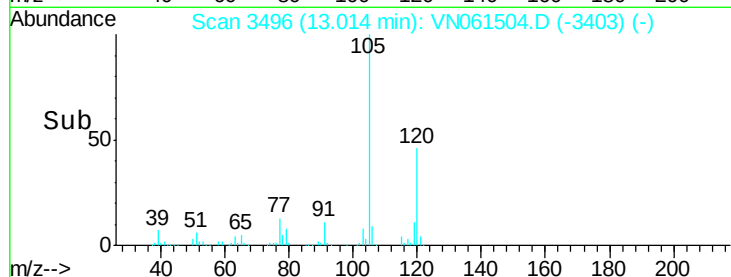
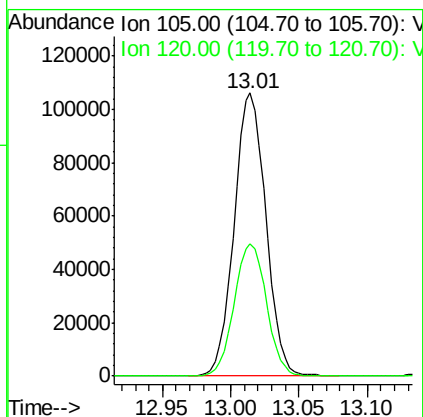
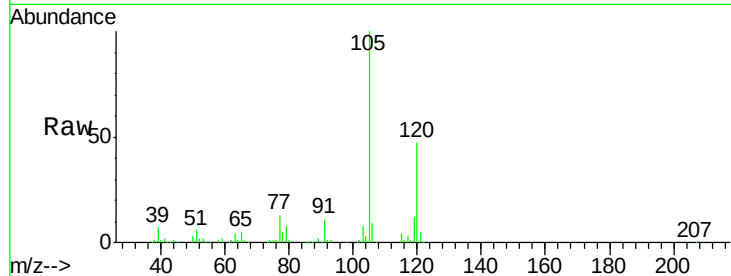




#84
 1,2,4-Trimethylbenzene
 Concen: 11.102 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2DL2

Tot Ion:105 Resp: 171698
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.4 67.3



#95
 Naphthalene
 Concen: 2.196 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion:128 Resp: 27220
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.1 15.1
 129 10.7 8.6 13.0

